

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015282.D
 Acq On : 16 Mar 2020 10:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:23 PM

Quant Time: Mar 17 07:51:17 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	296805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	440860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	158146	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
35) Dibromofluoromethane	5.48	113	138905	49.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	529606	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	206555	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	124724	47.989	ug/l	100
3) Chloromethane	1.32	50	162619	44.171	ug/l	100
4) Vinyl Chloride	1.40	62	165778	44.407	ug/l	99
5) Bromomethane	1.63	94	98795	43.046	ug/l	99
6) Chloroethane	1.72	64	104173	46.519	ug/l	99
7) Trichlorofluoromethane	1.92	101	211682	47.655	ug/l	97
8) Diethyl Ether	2.18	74	93182	46.315	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139101	49.773	ug/l	99
10) Methyl Iodide	2.50	142	150503	47.666	ug/l	99
11) Tert butyl alcohol	3.03	59	145264	237.776	ug/l	99
12) 1,1-Dichloroethene	2.36	96	135832	47.094	ug/l	98
13) Acrolein	2.28	56	136338	237.470	ug/l	98
14) Allyl chloride	2.72	41	267145	53.119	ug/l	93
15) Acrylonitrile	3.12	53	393660	258.739	ug/l	99
16) Acetone	2.43	43	379949	266.439	ug/l	97
17) Carbon Disulfide	2.56	76	357990	44.693	ug/l	99
18) Methyl Acetate	2.76	43	178042	51.060	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	461233	51.174	ug/l	97
20) Methylene Chloride	2.84	84	159335	47.744	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	148782	48.310	ug/l	98
22) Diisopropyl ether	3.84	45	542697	54.163	ug/l	95
23) Vinyl Acetate	3.80	43	2213433	268.739	ug/l	99
24) 1,1-Dichloroethane	3.69	63	280856	50.504	ug/l	98
25) 2-Butanone	4.65	43	561455	268.935	ug/l	99
26) 2,2-Dichloropropane	4.57	77	224012	50.743	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	171276	49.572	ug/l	98
28) Bromochloromethane	5.00	49	134063	52.942	ug/l	95
29) Tetrahydrofuran	5.11	42	351334	261.069	ug/l	95
30) Chloroform	5.20	83	269659	49.751	ug/l	98
31) Cyclohexane	5.56	56	255035	51.416	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	226333	50.375	ug/l	99
36) 1,1-Dichloropropene	5.78	75	206718	50.721	ug/l	99
37) Ethyl Acetate	4.81	43	210374	55.647	ug/l	100
38) Carbon Tetrachloride	5.77	117	198561	51.614	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	259228	54.472	ug/l	99
40) Benzene	6.13	78	631713	52.244	ug/l	100
41) Methacrylonitrile	5.03	41	122464	53.930	ug/l	97
42) 1,2-Dichloroethane	6.17	62	205382	49.461	ug/l	99
43) Isopropyl Acetate	6.42	43	358161	53.853	ug/l	99
44) Trichloroethene	7.20	130	172209	51.139	ug/l	95
45) 1,2-Dichloropropane	7.50	63	172167	55.009	ug/l	97
46) Dibromomethane	7.65	93	105620	51.791	ug/l	98
47) Bromodichloromethane	7.89	83	213995	53.064	ug/l	98
48) Methyl methacrylate	7.76	41	178134	52.625	ug/l	98
49) 1,4-Dioxane	7.73	88	70086	957.637	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1086293	276.252	ug/l	100
52) Toluene	8.78	92	399217	53.997	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	241927	56.361	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	270119	55.664	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162573	53.425	ug/l	97
56) Ethyl methacrylate	9.17	69	254816	58.707	ug/l	96
57) 1,3-Dichloropropane	9.36	76	276021	53.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	686018	290.120	ug/l	100
59) 2-Hexanone	9.48	43	841709	288.798	ug/l	99
60) Dibromochloromethane	9.57	129	177585	55.555	ug/l	99
61) 1,2-Dibromoethane	9.67	107	167473	52.397	ug/l	100
64) Tetrachloroethene	9.33	164	175906	51.257	ug/l	97
65) Chlorobenzene	10.13	112	444758	53.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	166006	52.831	ug/l	99
67) Ethyl Benzene	10.25	91	791755	55.952	ug/l	99
68) m/p-Xylenes	10.36	106	602210	111.856	ug/l	100
69) o-Xylene	10.69	106	294107	57.057	ug/l	99
70) Styrene	10.71	104	513628	58.114	ug/l	99
71) Bromoform	10.85	173	138513	56.845	ug/l #	100
73) Isopropylbenzene	11.01	105	799396	53.188	ug/l	100
74) N-amyl acetate	10.89	43	343894	54.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	252301	50.371	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211233m	45.010	ug/l	
77) Bromobenzene	11.25	156	209877	50.107	ug/l	99
78) n-propylbenzene	11.35	91	952492	55.472	ug/l	100
79) 2-Chlorotoluene	11.42	91	554646	54.089	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	680766	54.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	87102	52.673	ug/l	95
82) 4-Chlorotoluene	11.50	91	637056	52.585	ug/l	100
83) tert-Butylbenzene	11.76	119	663770	54.867	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	683823	54.405	ug/l	99
85) sec-Butylbenzene	11.94	105	820737	56.199	ug/l	100
86) p-Isopropyltoluene	12.06	119	777033	57.751	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	393258	53.408	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	399947	52.611	ug/l	99
89) n-Butylbenzene	12.38	91	695522	58.120	ug/l	99
90) Hexachloroethane	12.59	117	136252	53.564	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	395430	54.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52756	52.599	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	270356	53.204	ug/l	98
94) Hexachlorobutadiene	13.78	225	139335	53.435	ug/l	98
95) Naphthalene	13.83	128	764939	49.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	280799	55.384	ug/l	99

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

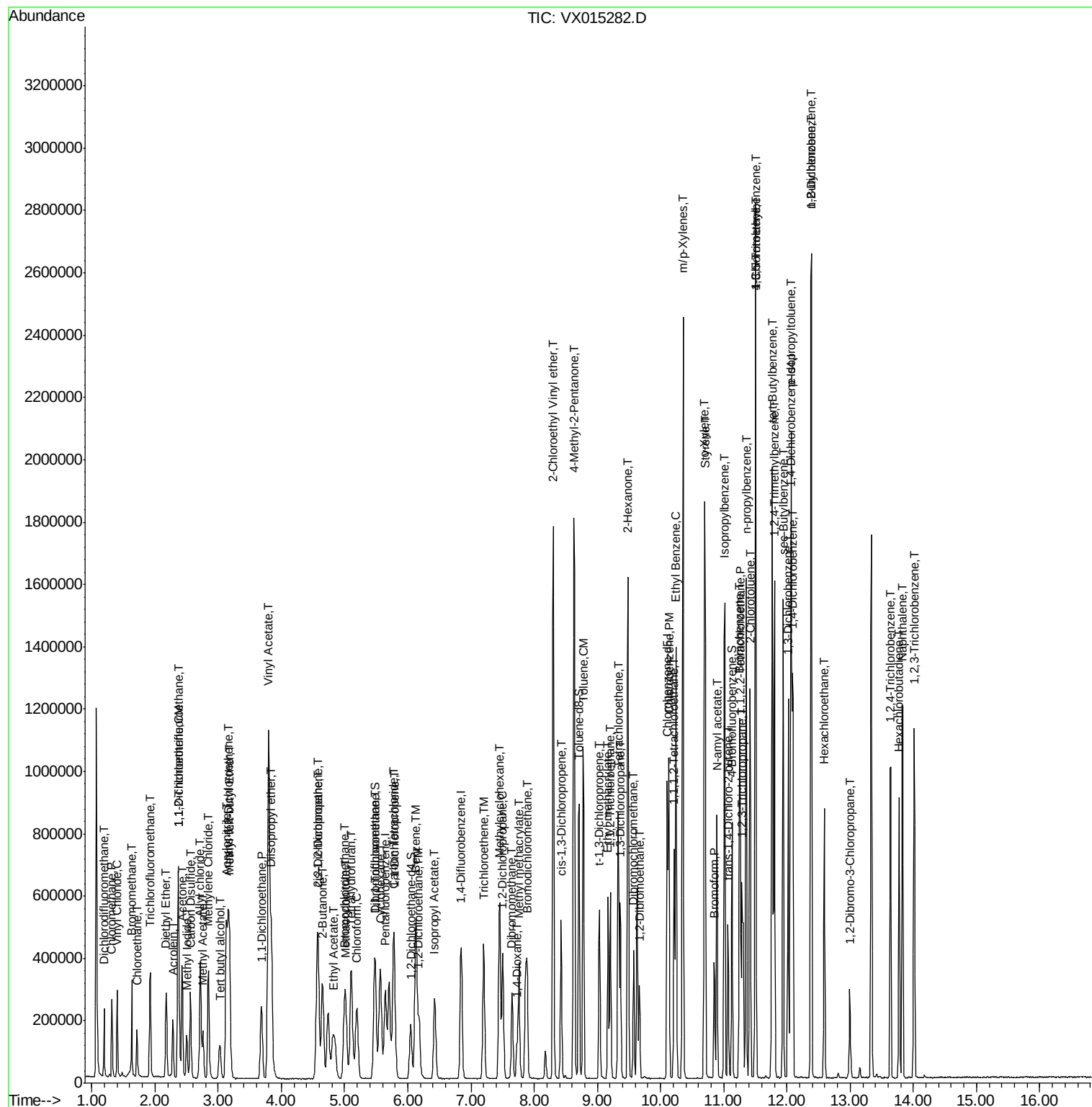
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015282.D
 Acq On : 16 Mar 2020 10:11
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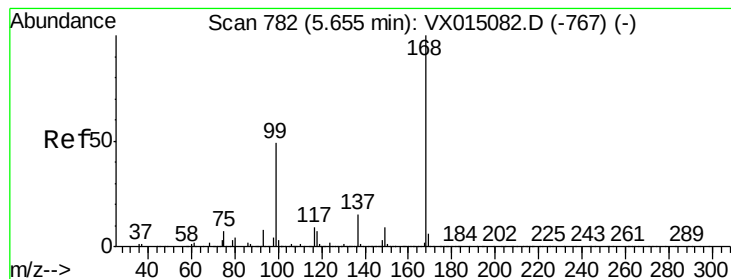
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
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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: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 296805

Ion Ratio Lower Upper

168 100

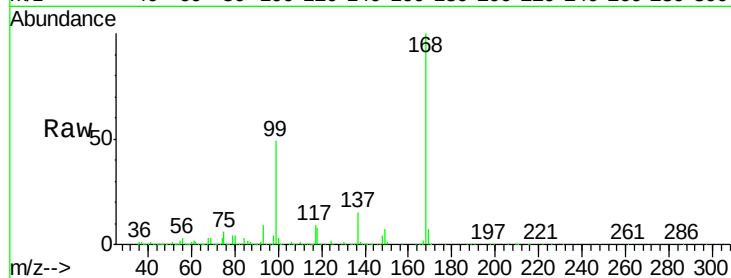
99 49.4 39.4 59.2

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

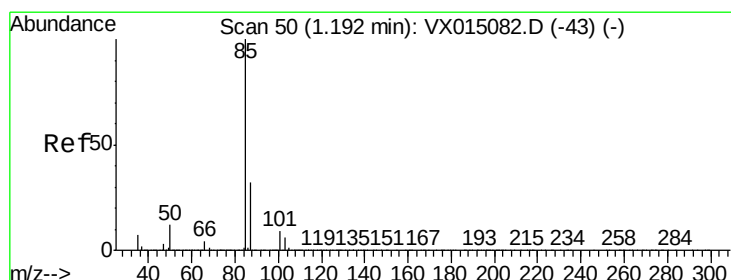
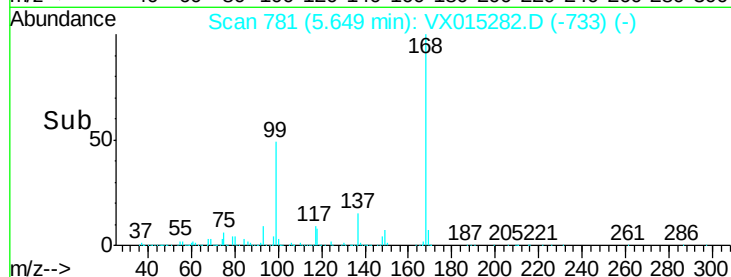
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.989 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015282.D

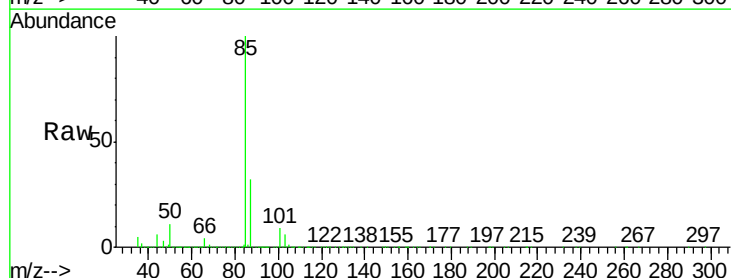
Acq: 16 Mar 2020 10:11

Tgt Ion: 85 Resp: 124724

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

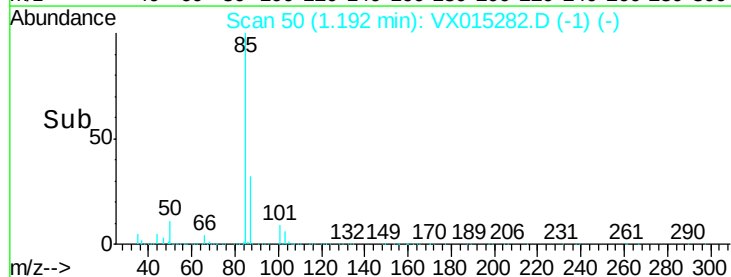
1.19

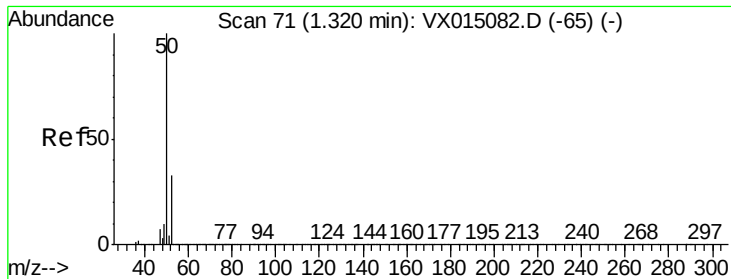
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.171 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 162619

Ion Ratio Lower Upper

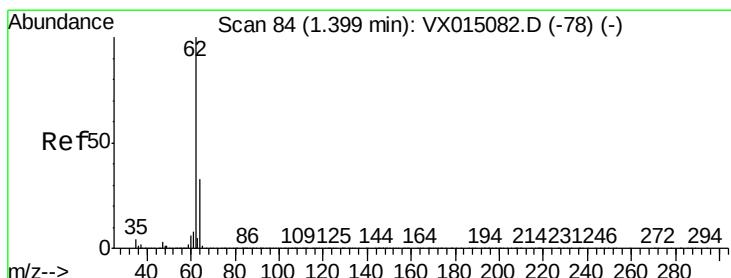
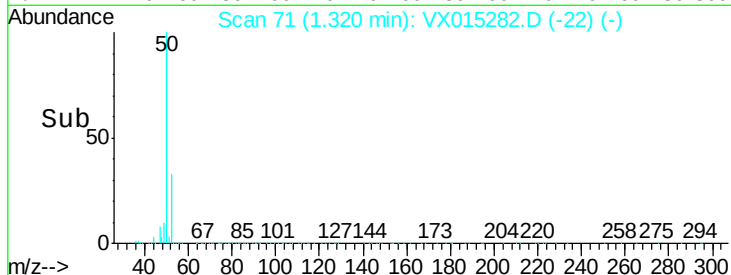
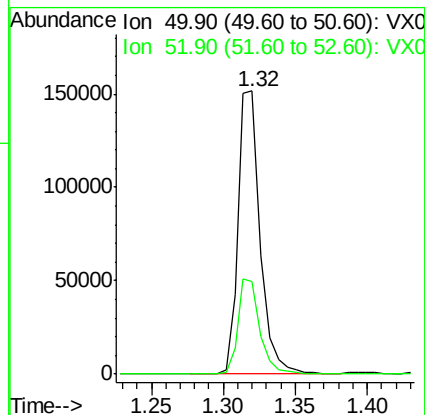
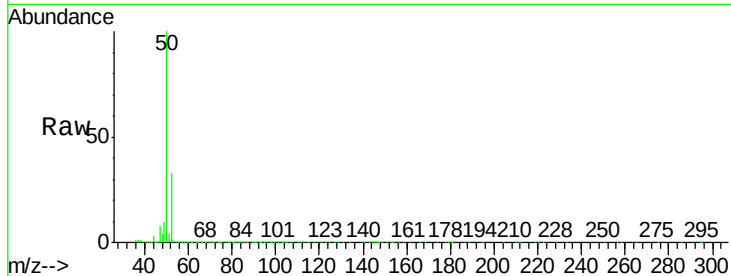
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 44.407 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015282.D

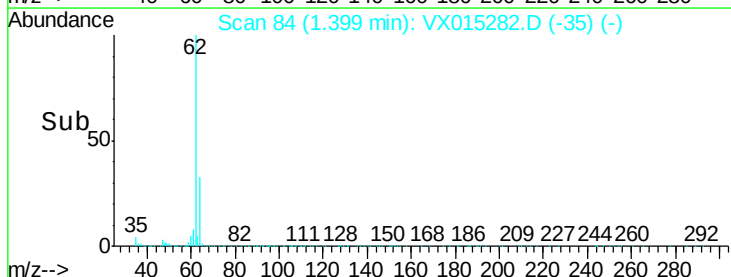
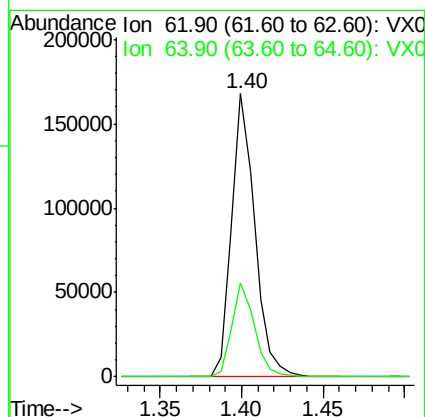
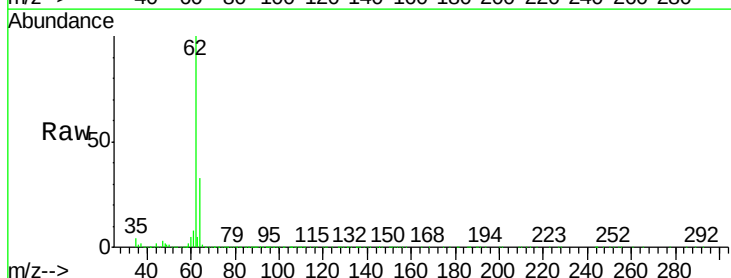
Acq: 16 Mar 2020 10:11

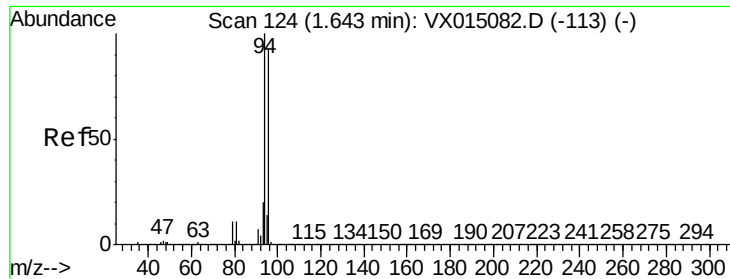
Tgt Ion: 62 Resp: 165778

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 43.046 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 98795

Ion Ratio Lower Upper

94 100

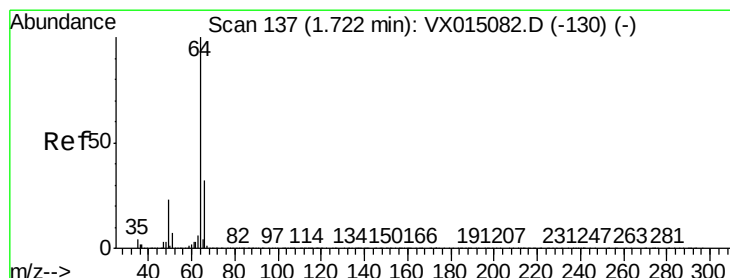
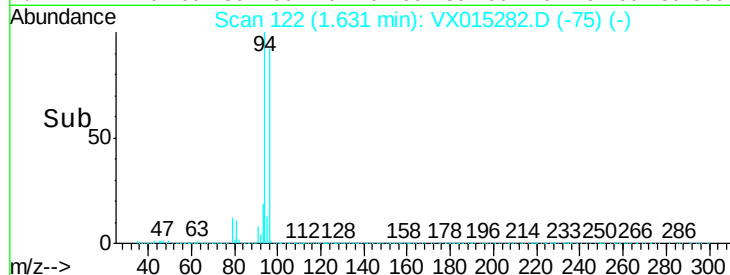
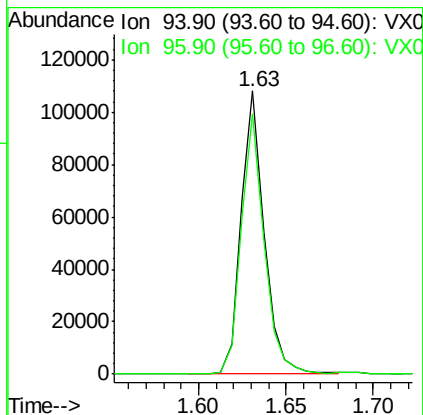
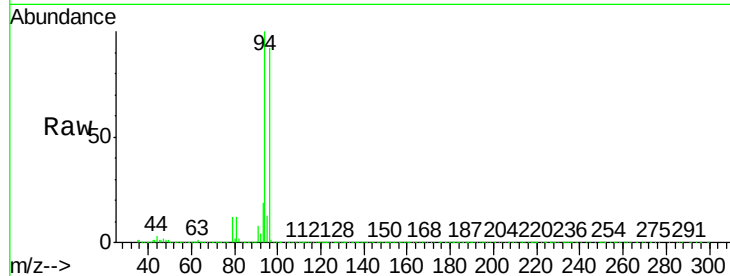
96 92.1 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 46.519 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015282.D

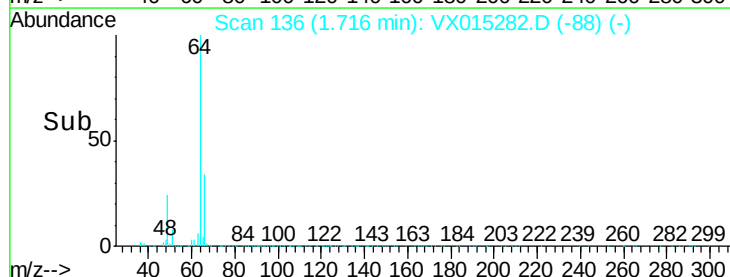
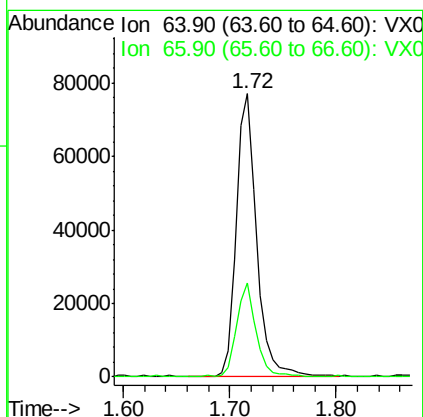
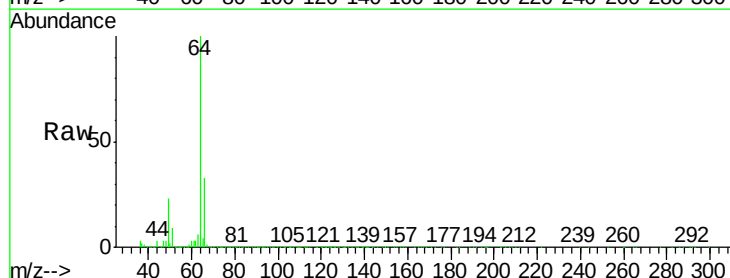
Acq: 16 Mar 2020 10:11

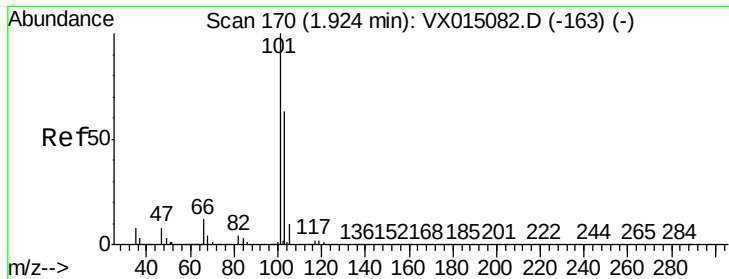
Tgt Ion: 64 Resp: 104173

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8





#7

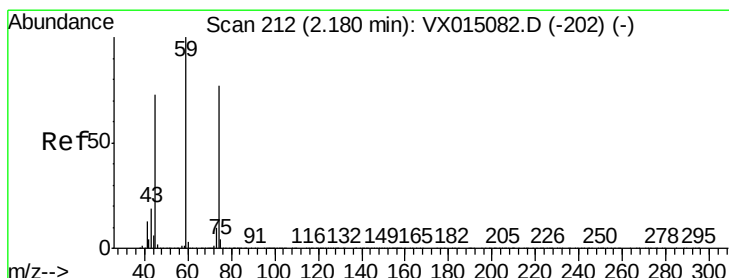
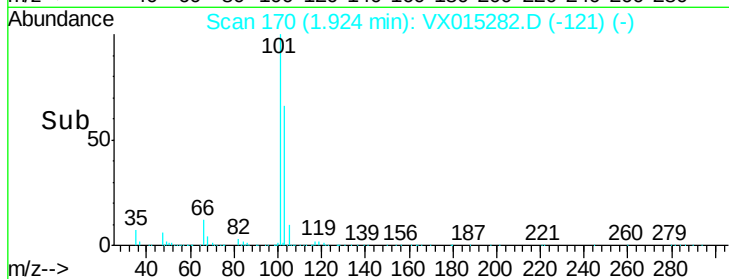
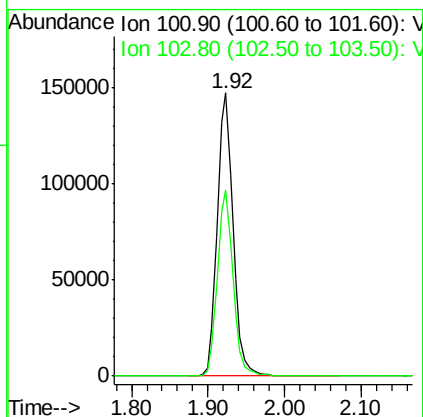
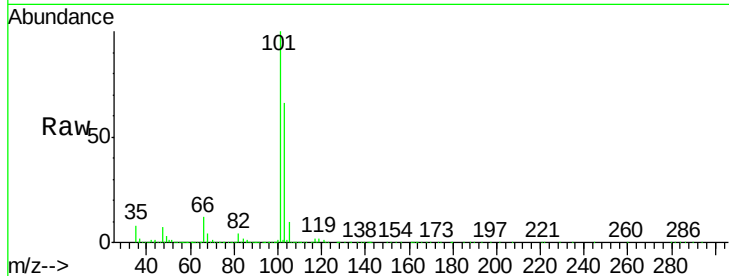
Trichlorofluoromethane
Concen: 47.655 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.4	75.6

Manual Integrations
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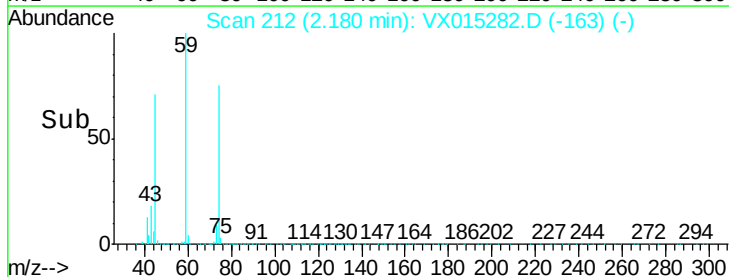
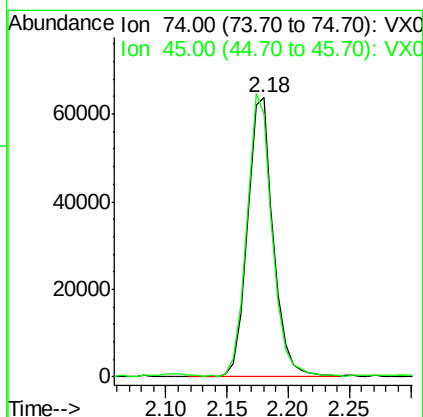
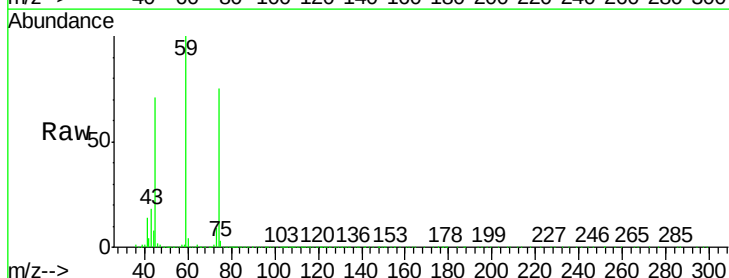
MMDadoda
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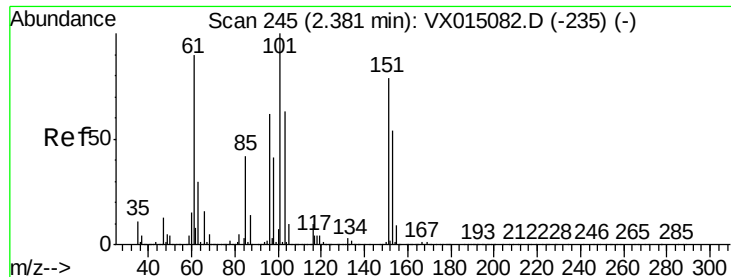


#8

Diethyl Ether
Concen: 46.315 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.773 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015282.D

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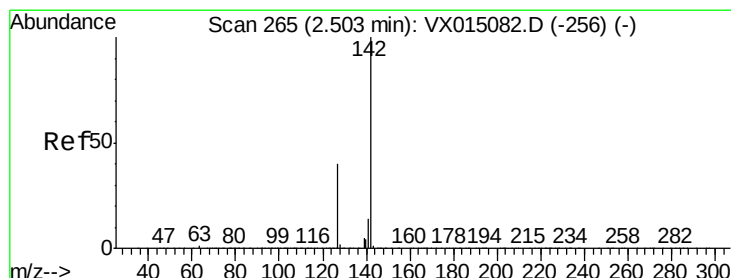
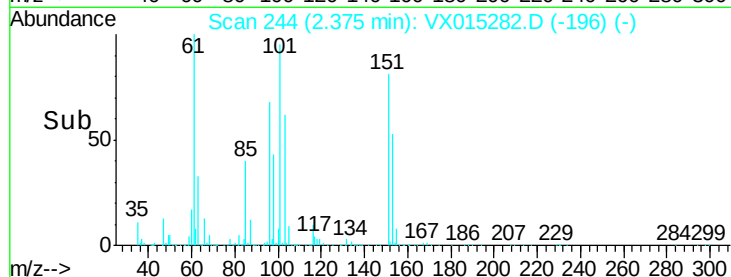
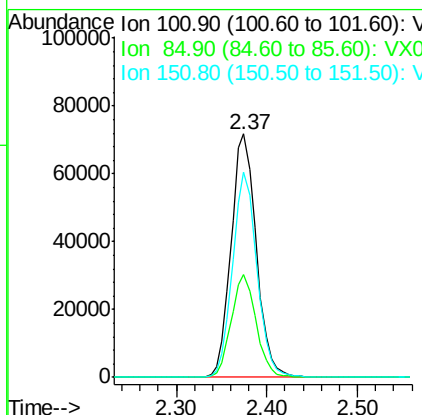
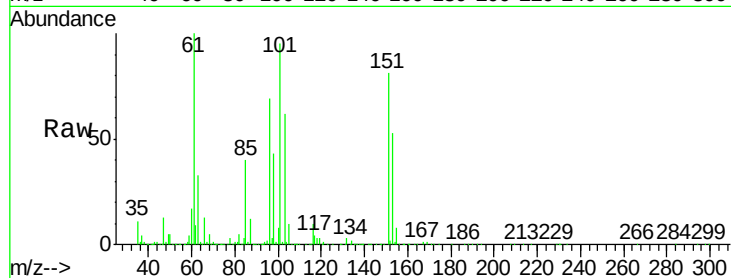
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	139101
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.7	50.5
151	81.6	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 47.666 ug/l

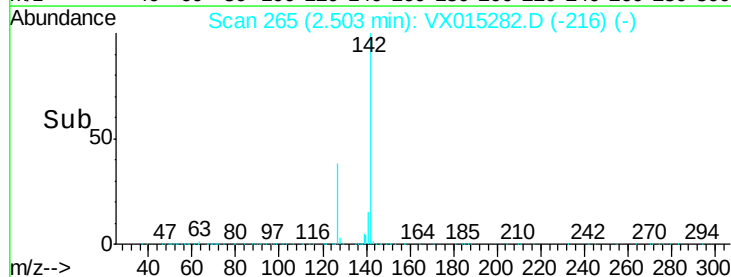
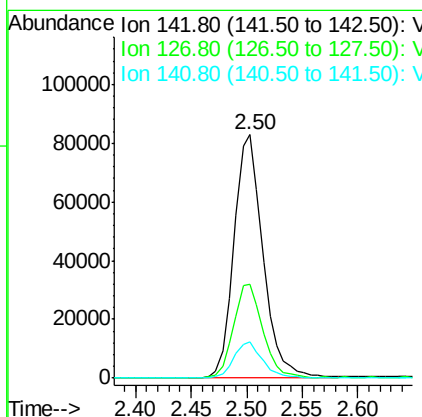
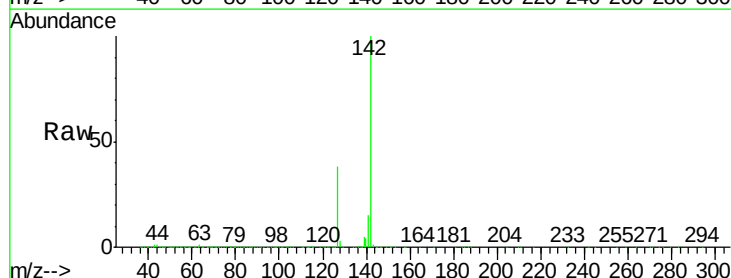
RT: 2.50 min Scan# 265

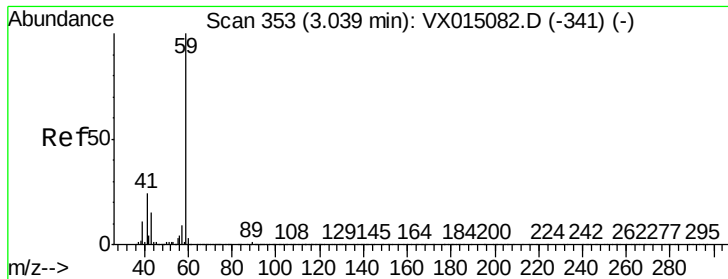
Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	142	Resp:	150503
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.7	47.5
141	14.7	11.3	16.9





#11

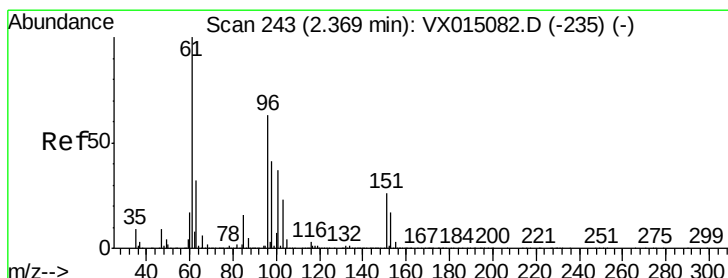
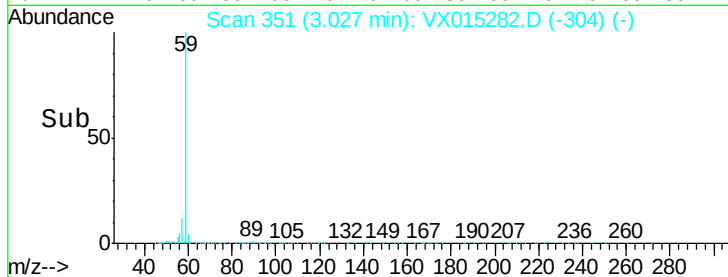
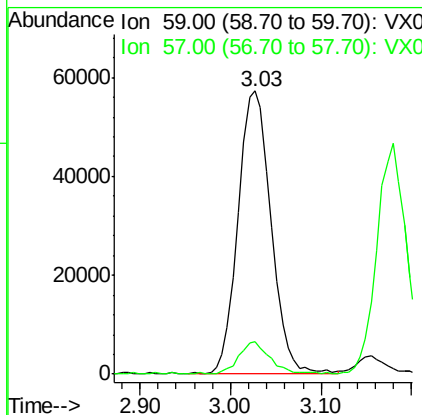
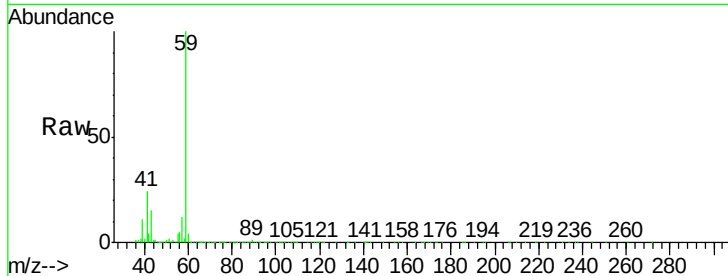
Tert butyl alcohol
Concen: 237.776 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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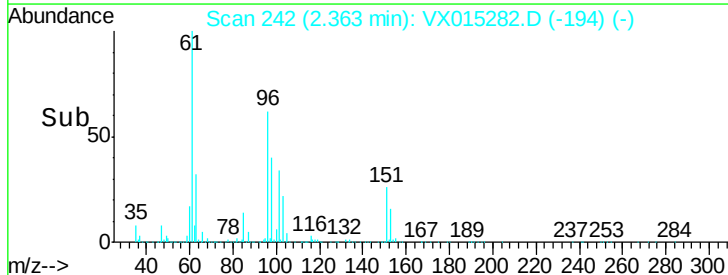
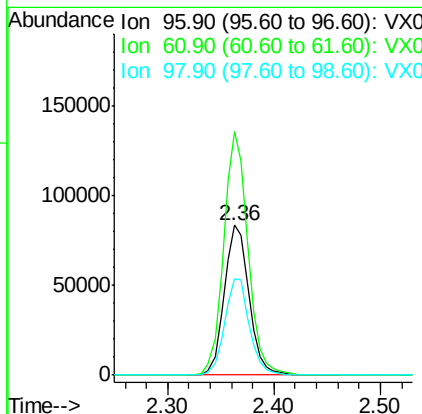
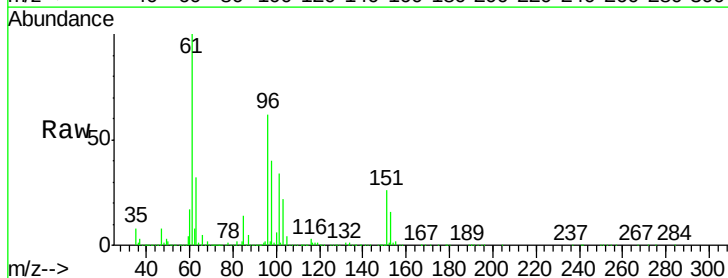
MMDadoda
3/17/2020 12:11:23 PM

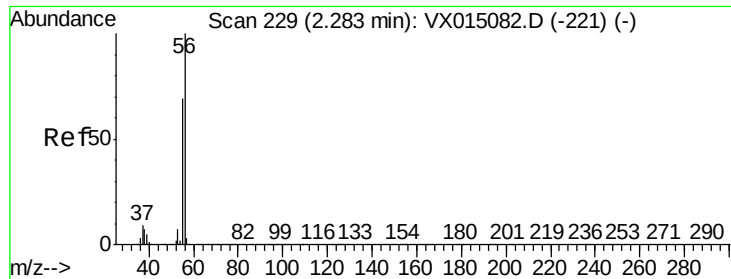


#12

1,1-Dichloroethene
Concen: 47.094 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.3	126.2	189.4
98	64.4	51.4	77.0





#13

Acrolein

Concen: 237.470 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 136338

Ion Ratio Lower Upper

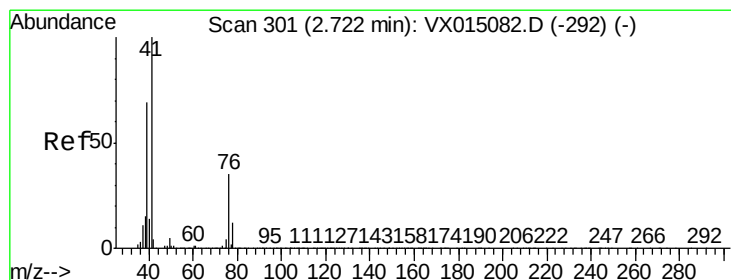
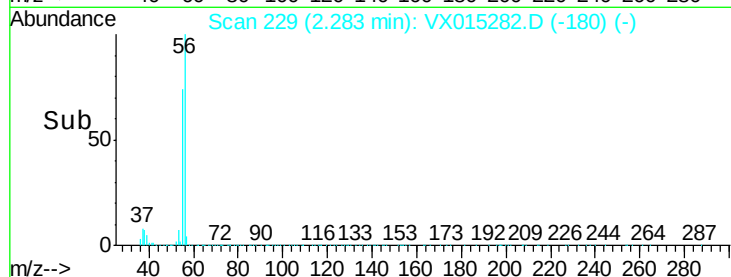
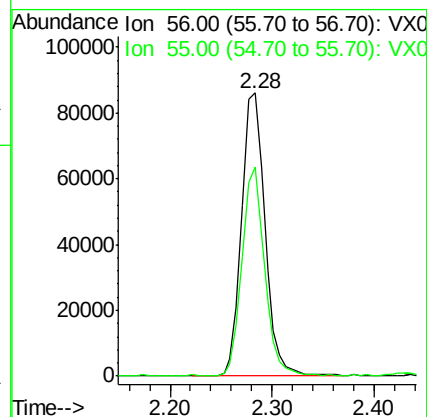
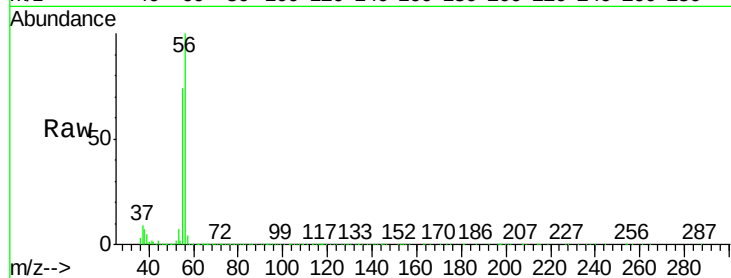
56 100

55 70.7 55.4 83.0

Manual Integrations
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#14

Allyl chloride

Concen: 53.119 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

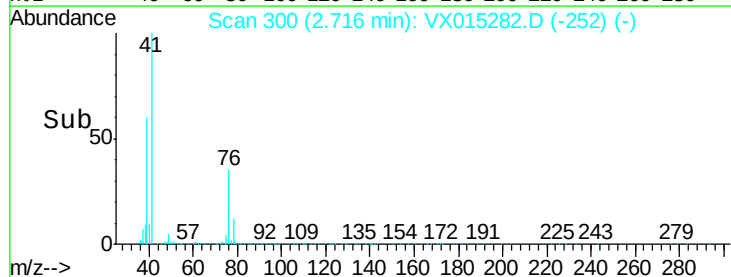
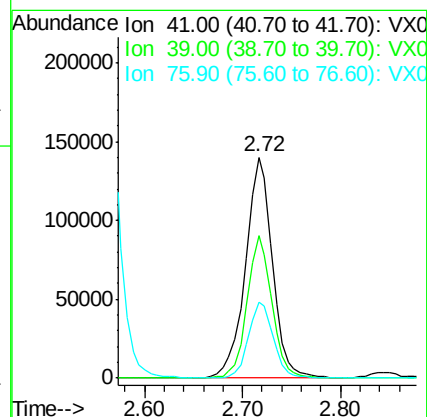
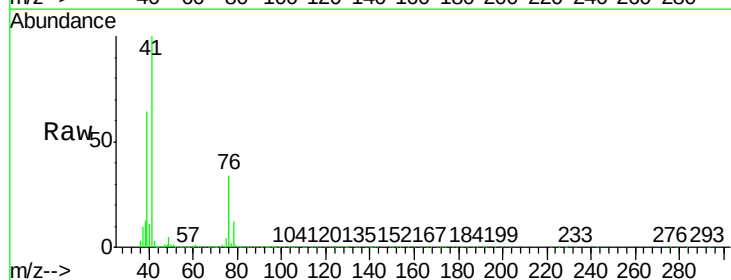
Tgt Ion: 41 Resp: 267145

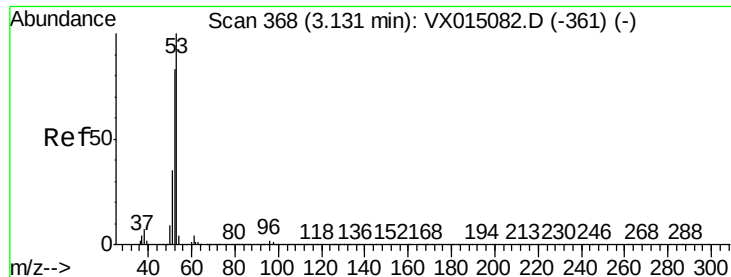
Ion Ratio Lower Upper

41 100

39 59.5 52.9 79.3

76 31.4 26.8 40.2





#15

Acrylonitrile

Concen: 258.739 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

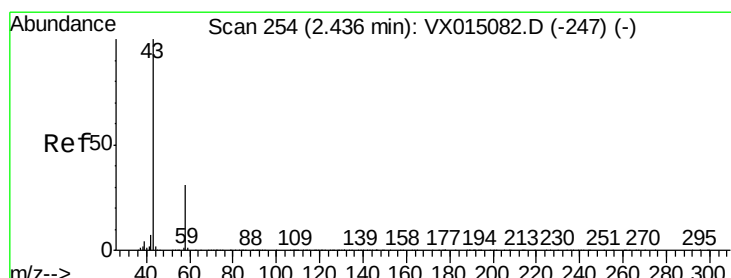
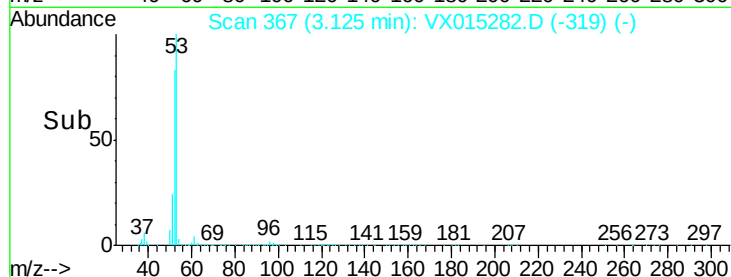
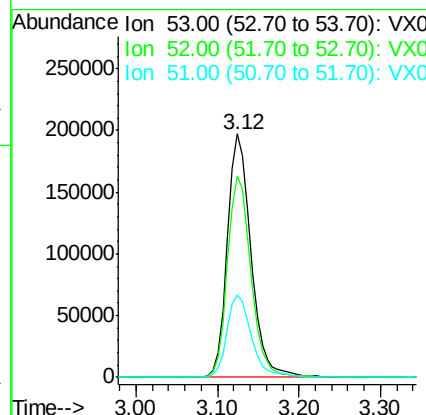
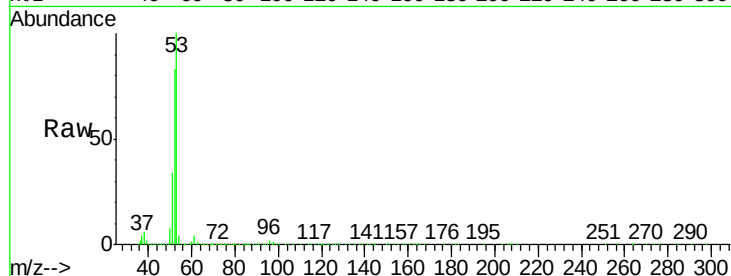
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	393660
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.6	100.0
51	35.0	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 266.439 ug/l

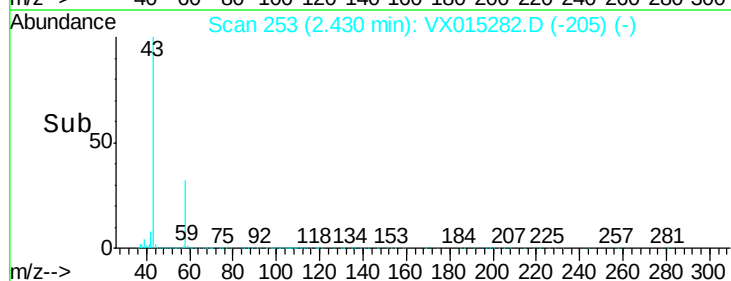
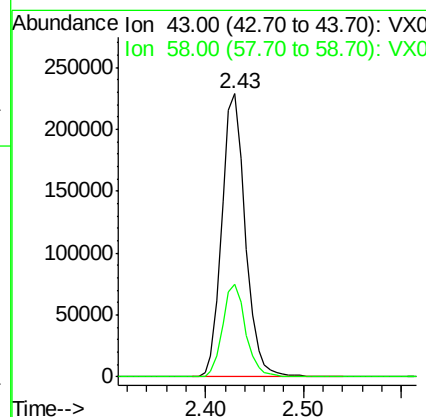
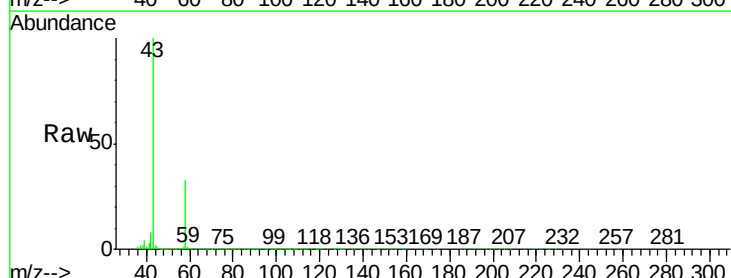
RT: 2.43 min Scan# 253

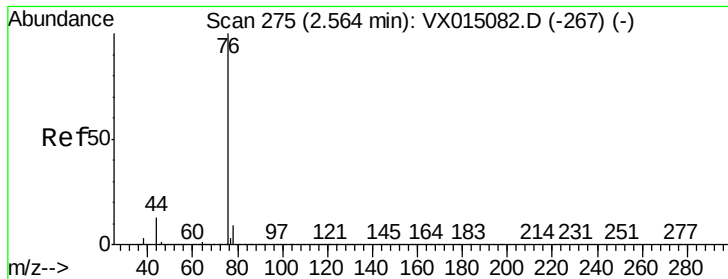
Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	43	Resp:	379949
Ion Ratio	Lower	Upper	
43	100		
58	32.5	24.8	37.2





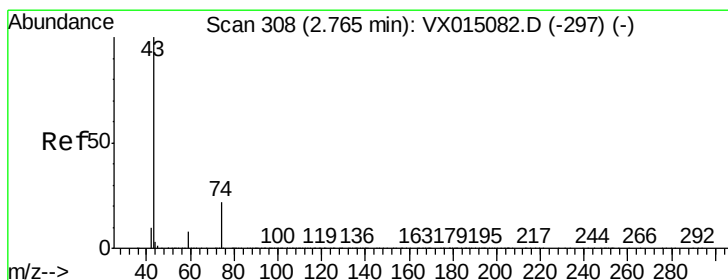
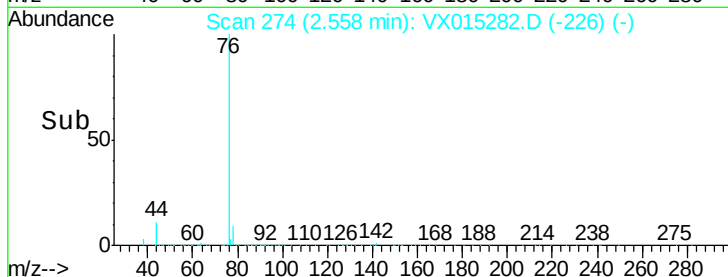
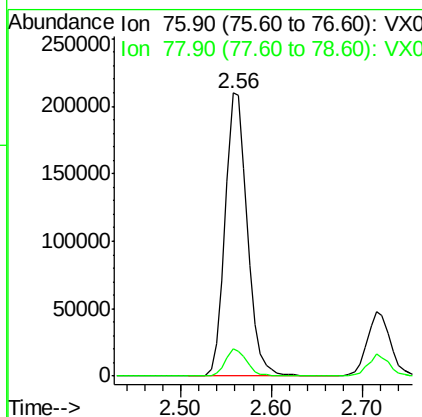
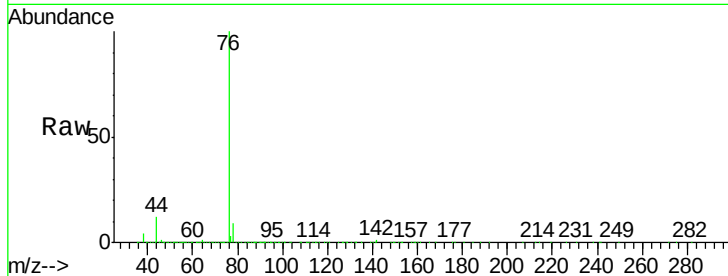
#17
Carbon Disulfide
Concen: 44.693 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

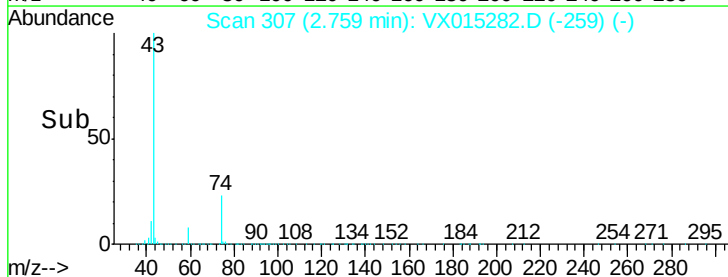
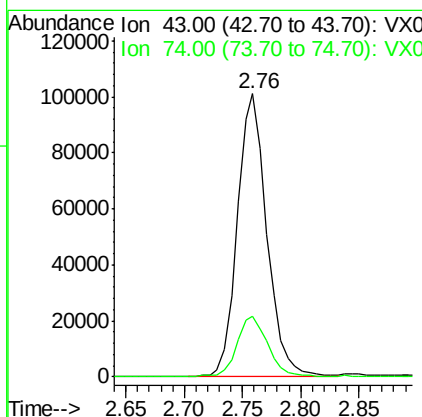
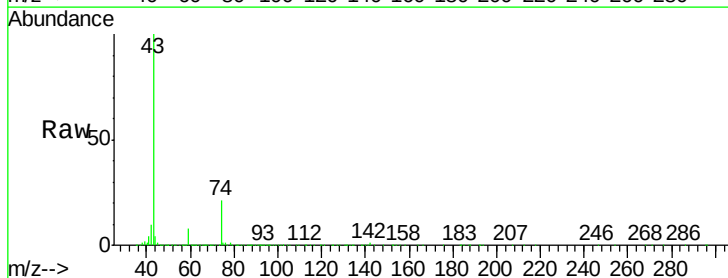
Manual Integrations
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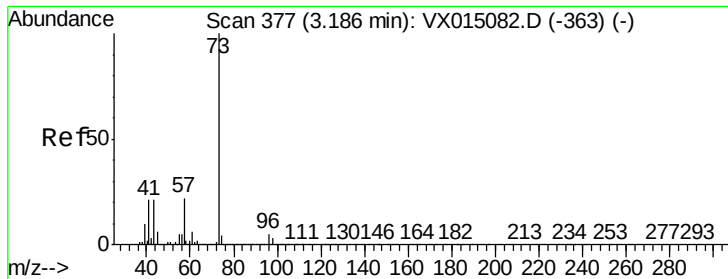
MMDadoda
3/17/2020 12:11:23 PM



#18
Methyl Acetate
Concen: 51.060 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.8	28.2





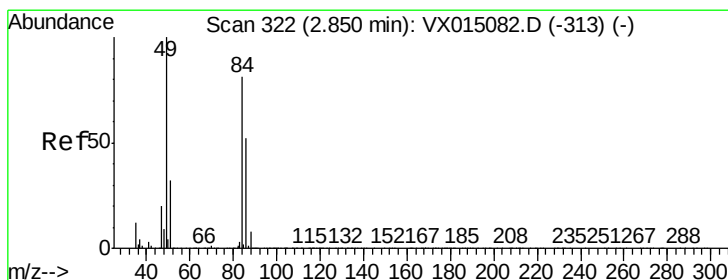
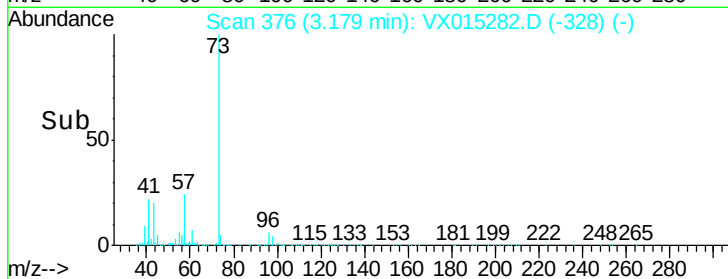
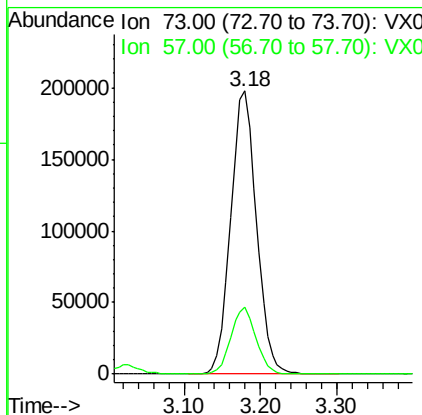
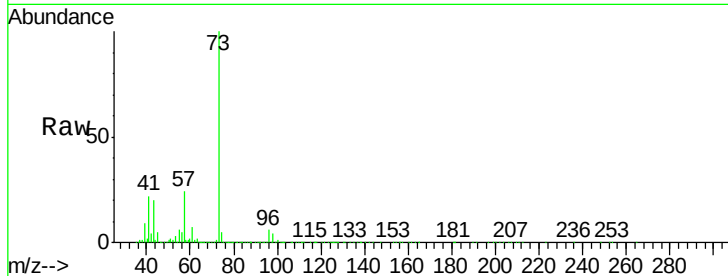
#19
Methyl tert-butyl Ether
Concen: 51.174 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.8	26.6

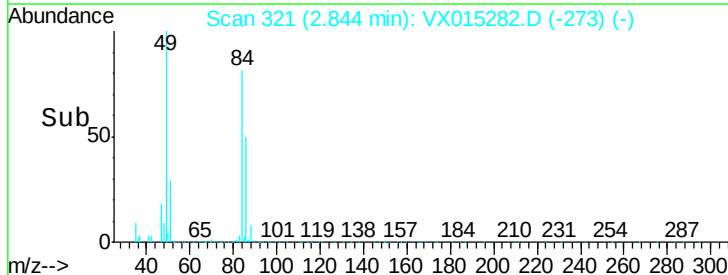
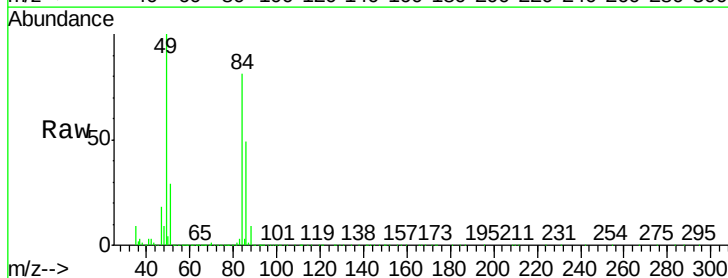
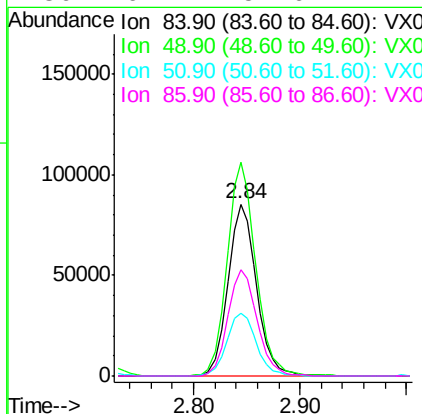
Manual Integrations
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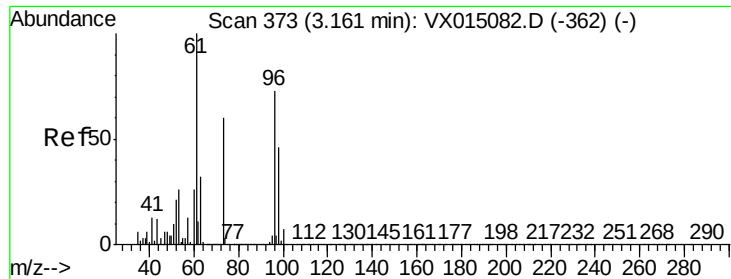
MMDadoda
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#20
Methylene Chloride
Concen: 47.744 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	99.4	149.2
51	36.2	31.5	47.3
86	61.4	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.310 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

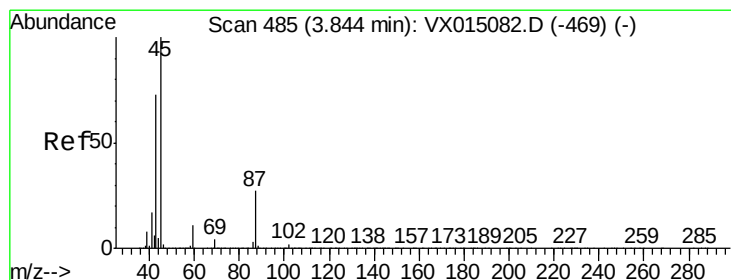
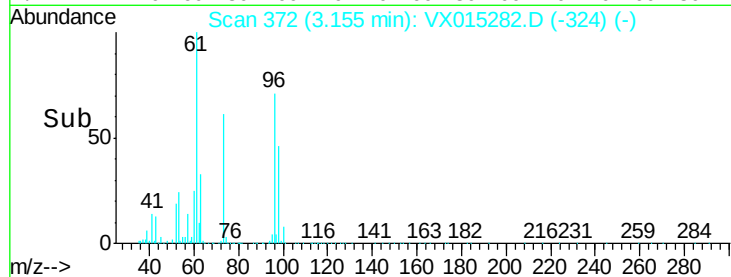
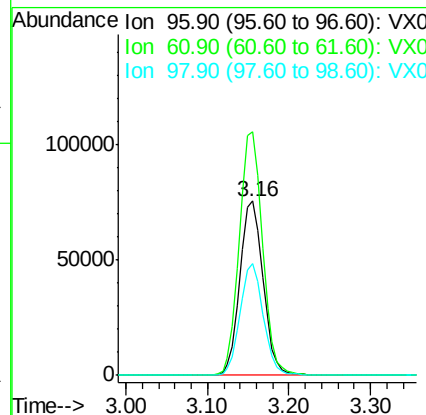
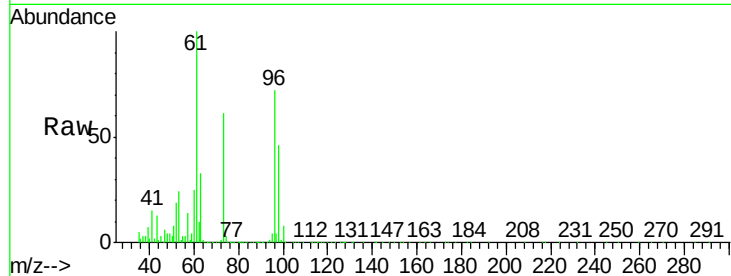
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	148782
Ion	Ratio	Lower	Upper
96	100		
61	139.7	109.9	164.9
98	64.2	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.163 ug/l

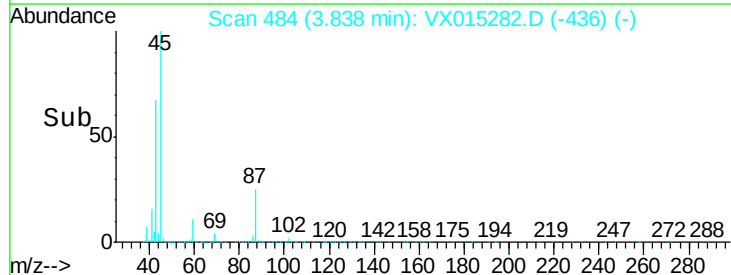
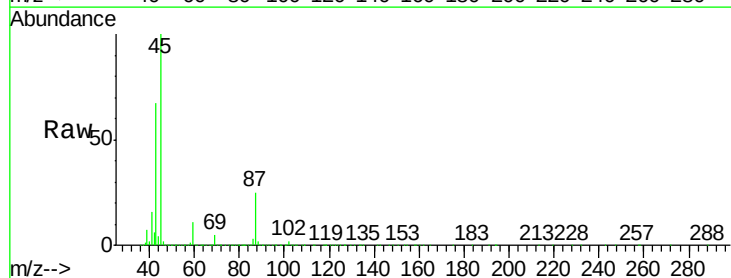
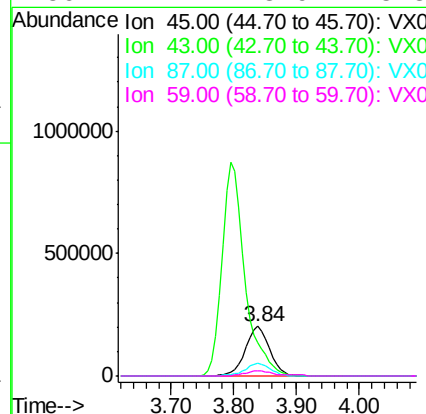
RT: 3.84 min Scan# 484

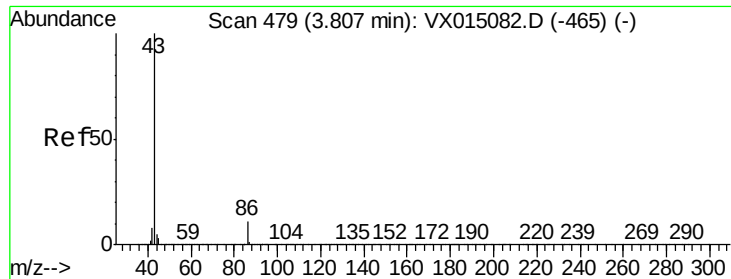
Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	45	Resp:	542697
Ion	Ratio	Lower	Upper
45	100		
43	67.0	58.2	87.2
87	25.1	21.2	31.8
59	11.2	8.9	13.3





#23

Vinyl Acetate

Concen: 268.739 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2213433

Ion Ratio Lower Upper

43 100

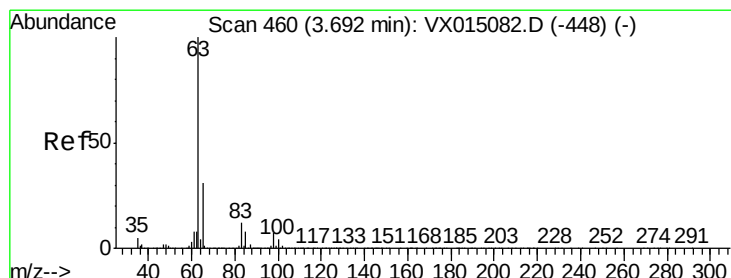
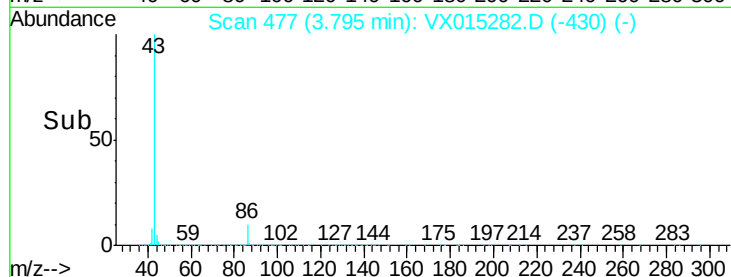
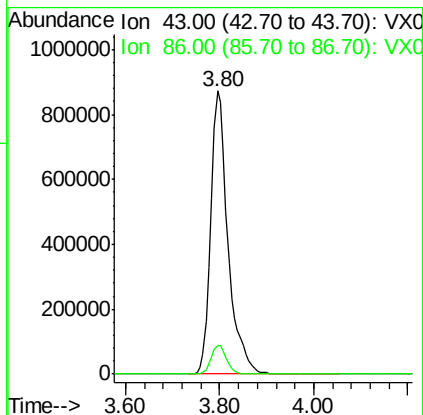
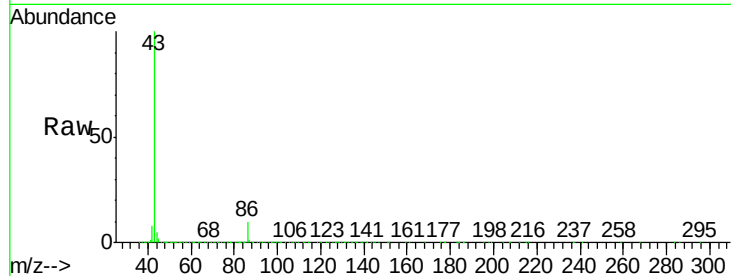
86 10.2 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.504 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

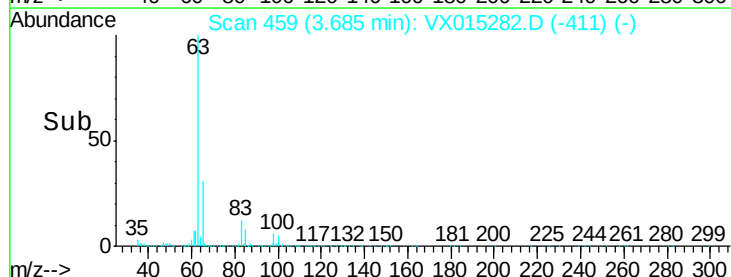
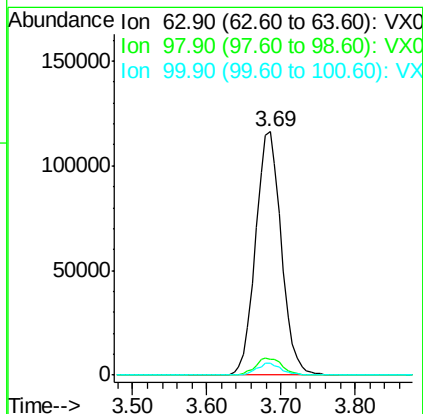
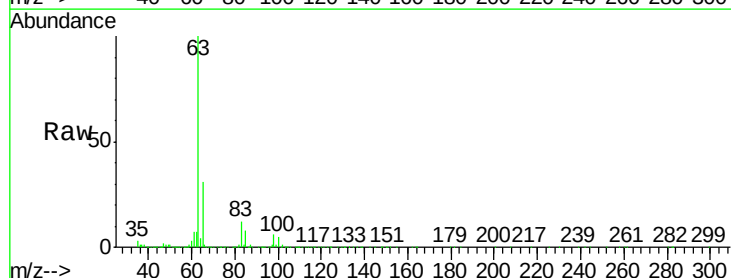
Tgt Ion: 63 Resp: 280856

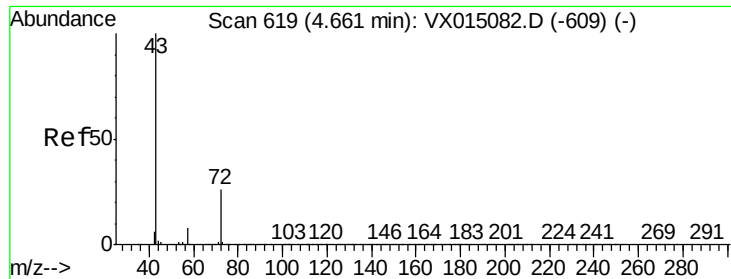
Ion Ratio Lower Upper

63 100

98 6.3 3.7 11.1

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 268.935 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 561455

Ion Ratio Lower Upper

43 100

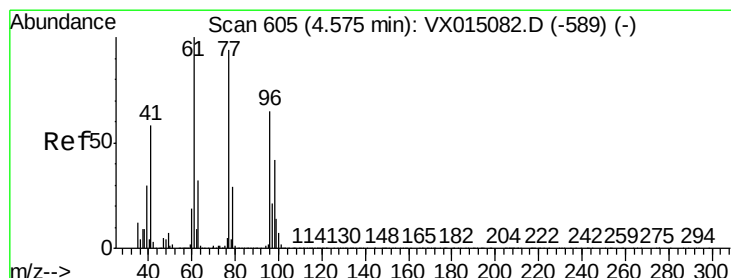
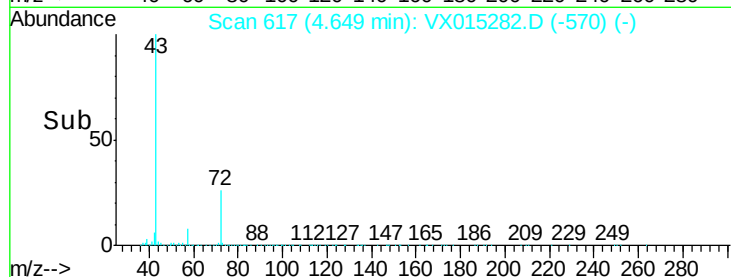
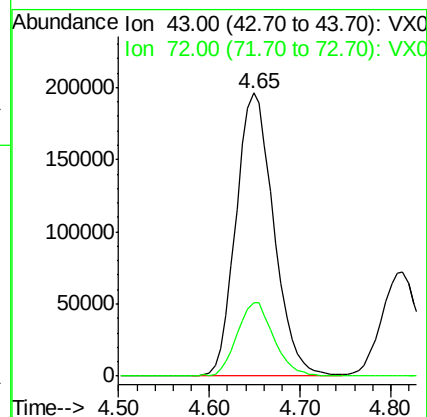
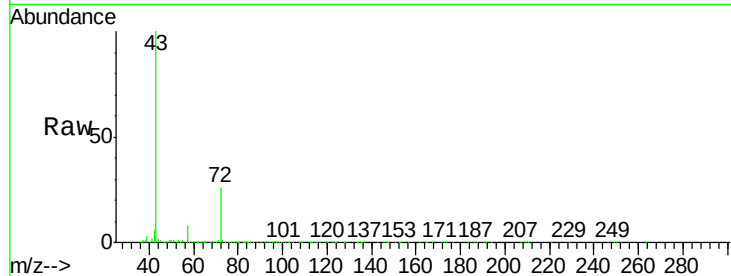
72 26.1 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.743 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015282.D

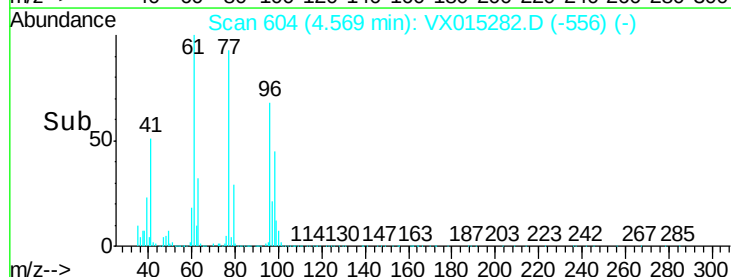
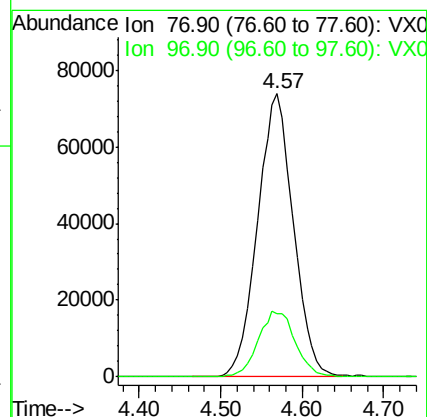
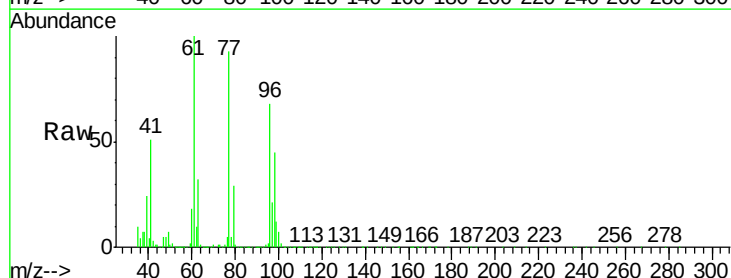
Acq: 16 Mar 2020 10:11

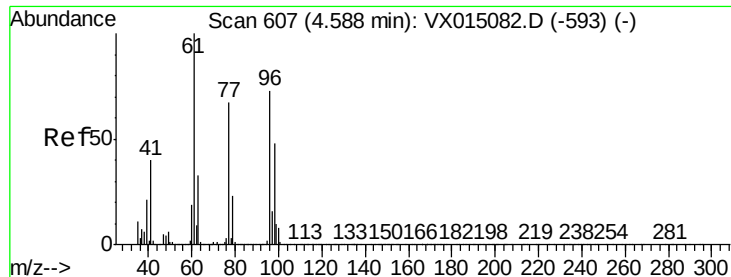
Tgt Ion: 77 Resp: 224012

Ion Ratio Lower Upper

77 100

97 24.3 11.8 35.4





#27

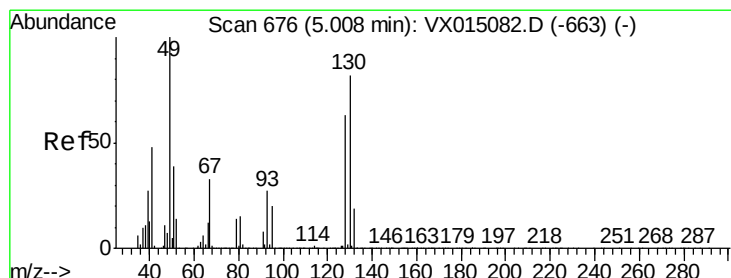
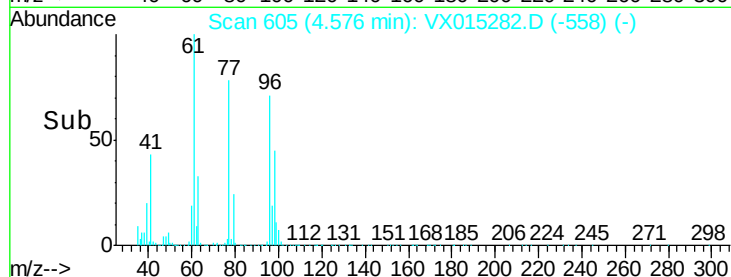
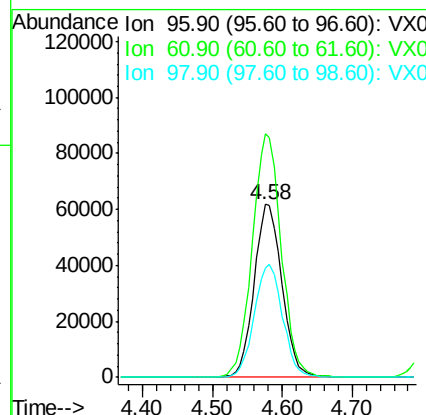
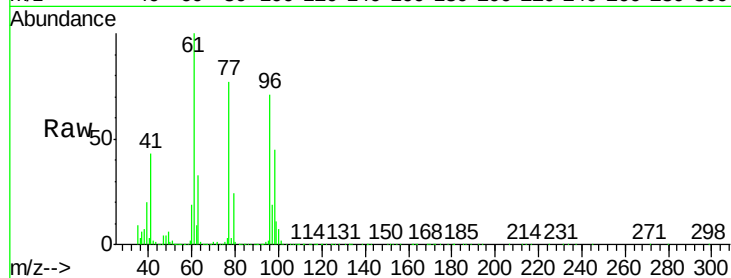
cis-1,2-Dichloroethene
Concen: 49.572 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171276		
61	145.6	0.0	286.8	
98	66.5	0.0	128.4	

Manual Integrations
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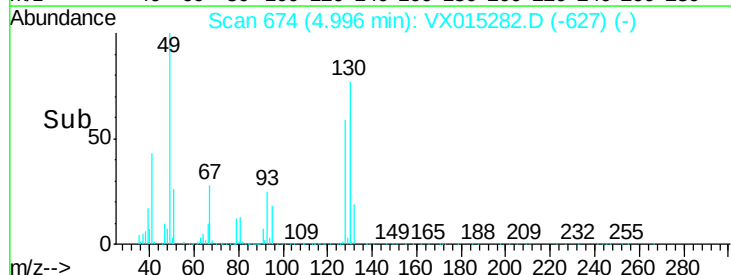
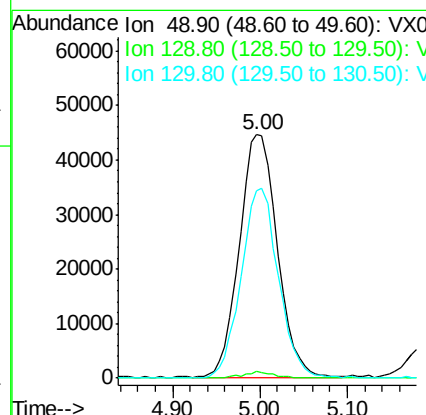
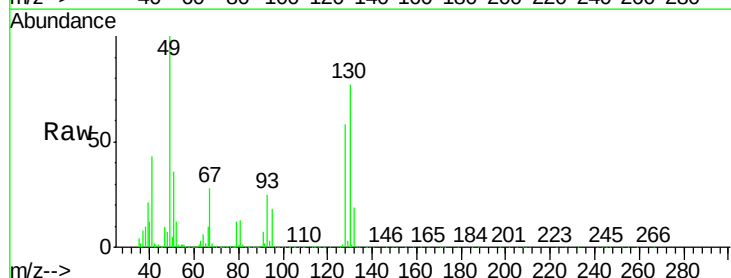
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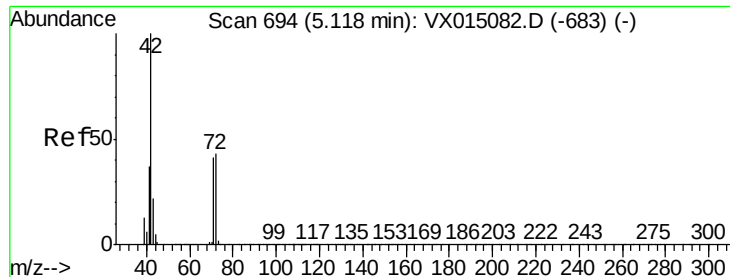


#28

Bromochloromethane
Concen: 52.942 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134063		
129	2.2	0.0	4.4	
130	76.5	65.0	97.6	





#29

Tetrahydrofuran

Concen: 261.069 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

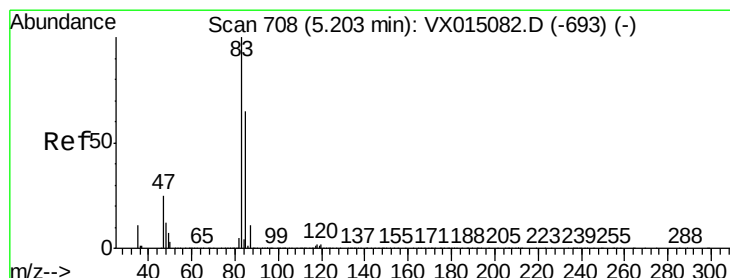
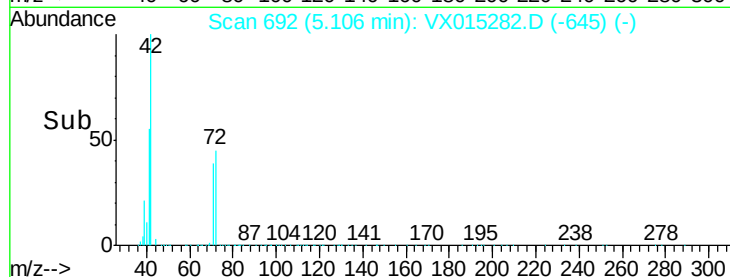
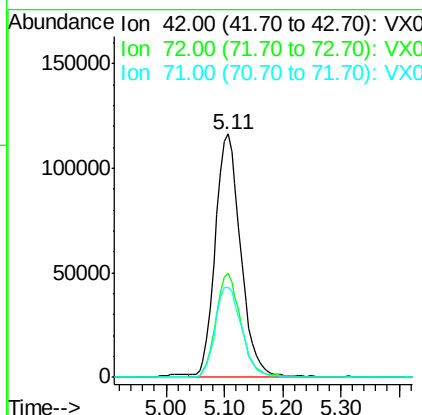
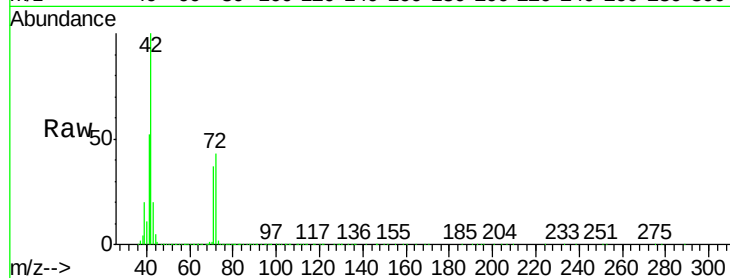
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	351334
Ion Ratio		Lower	Upper
42	100		
72	42.3	36.4	54.6
71	38.6	33.3	49.9

Manual Integrations
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#30

Chloroform

Concen: 49.751 ug/l

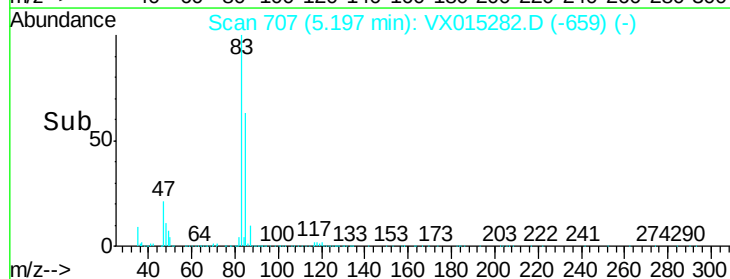
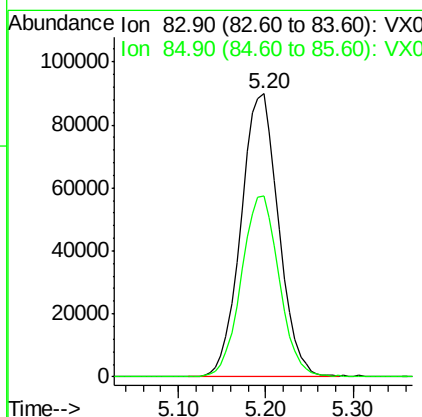
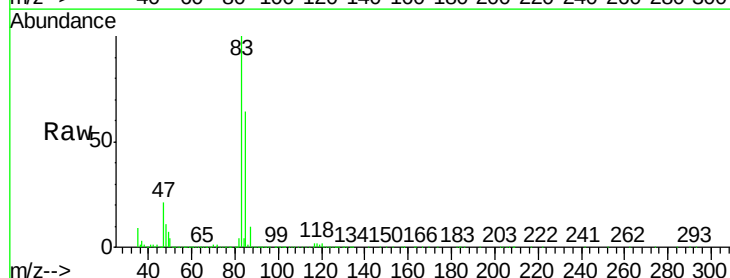
RT: 5.20 min Scan# 707

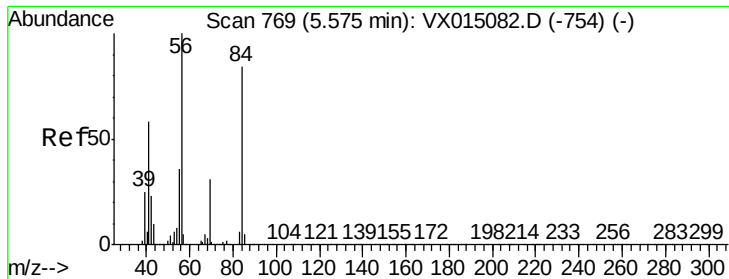
Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	83	Resp:	269659
Ion Ratio		Lower	Upper
83	100		
85	63.7	52.0	78.0





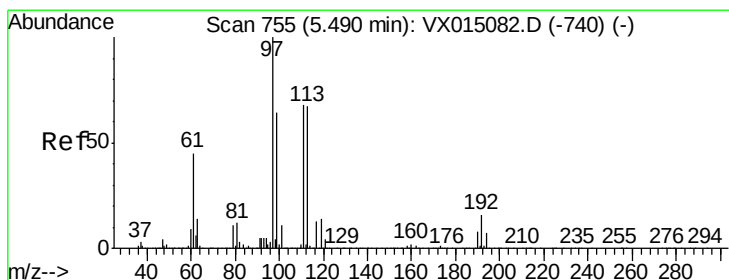
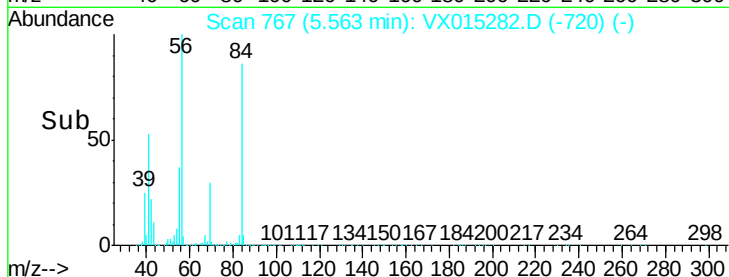
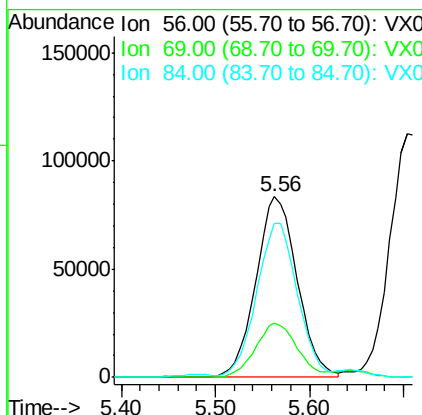
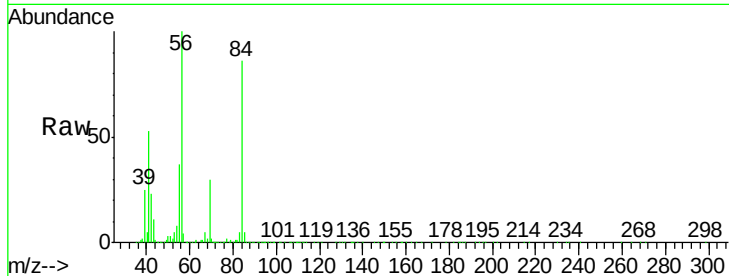
#31
Cyclohexane
Concen: 51.416 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.6
84	84.5	67.6	101.4

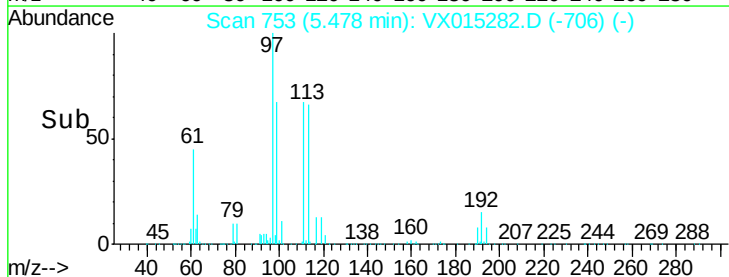
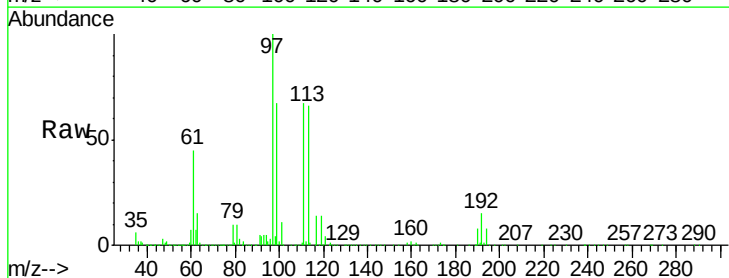
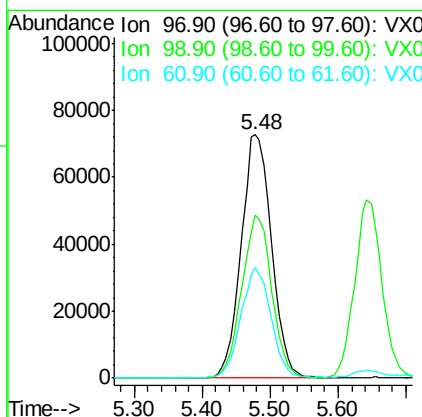
Manual Integrations
APPROVED

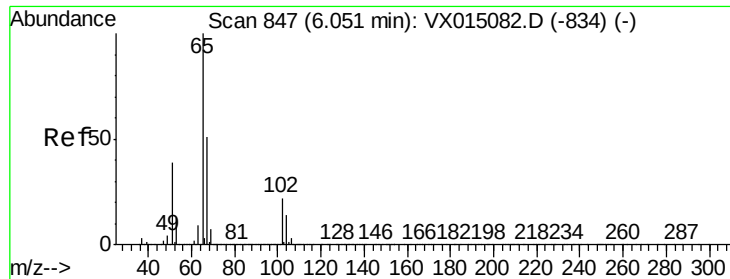
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#32
1,1,1-Trichloroethane
Concen: 50.375 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.8	79.2
61	44.7	36.6	54.8





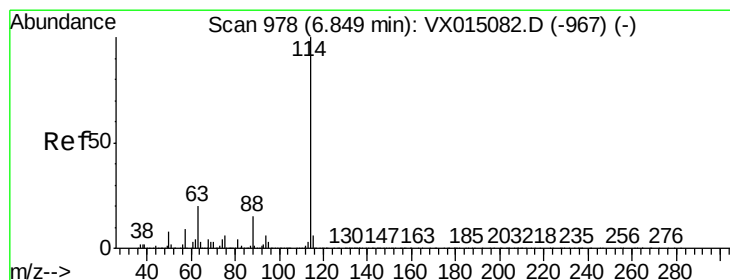
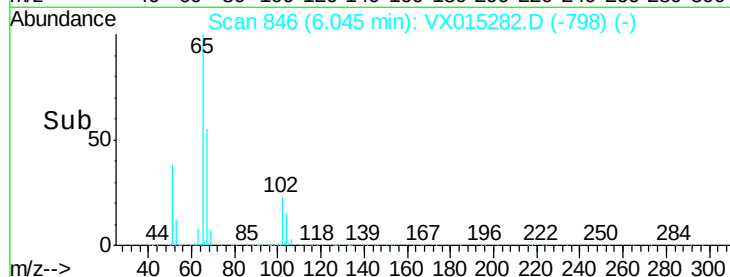
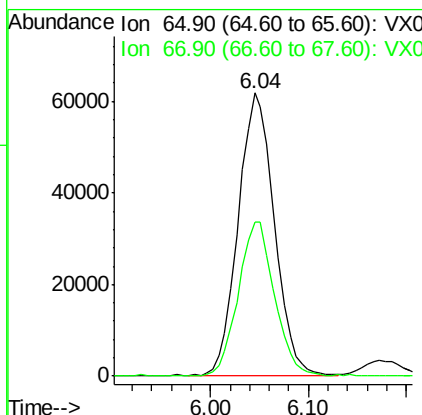
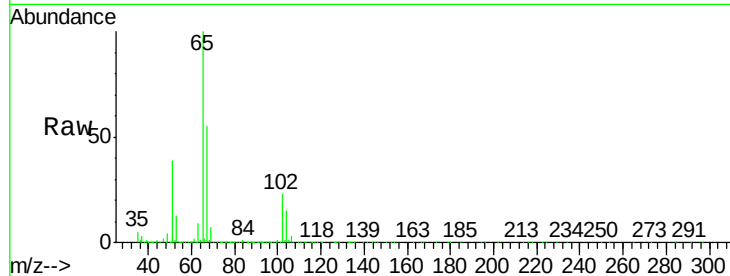
#33
 1,2-Dichloroethane-d4
 Concen: 44.912 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158146		
67	54.0	0.0	105.6	

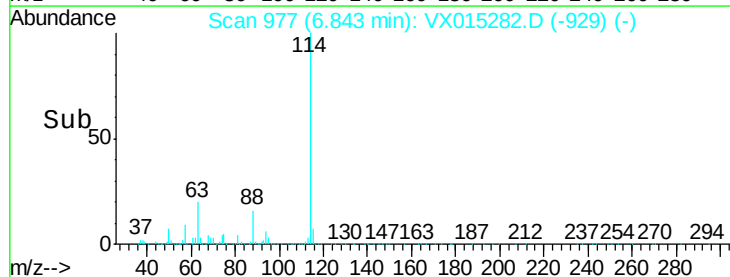
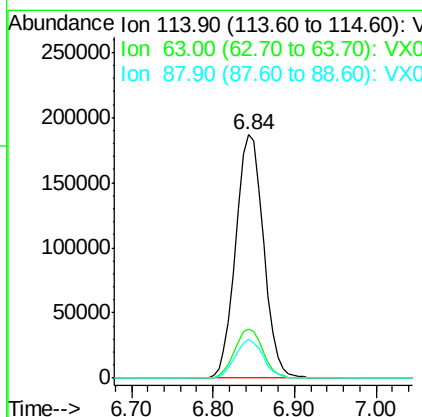
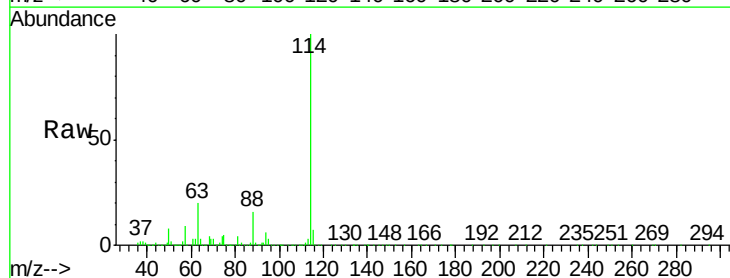
Manual Integrations
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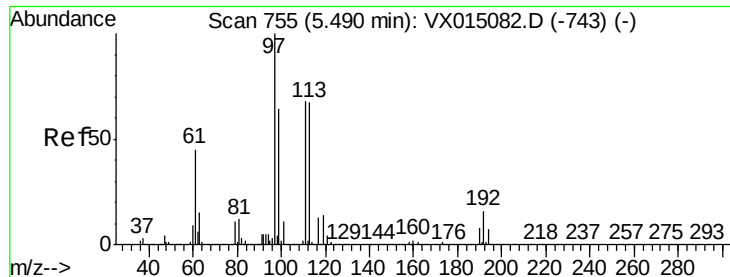
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	440860		
63	20.2	0.0	40.0	
88	16.1	0.0	30.6	





#35

Dibromofluoromethane

Concen: 49.943 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

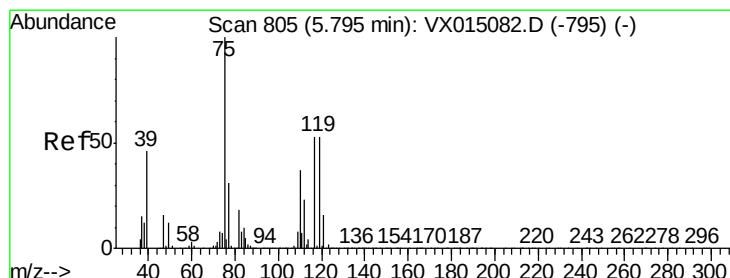
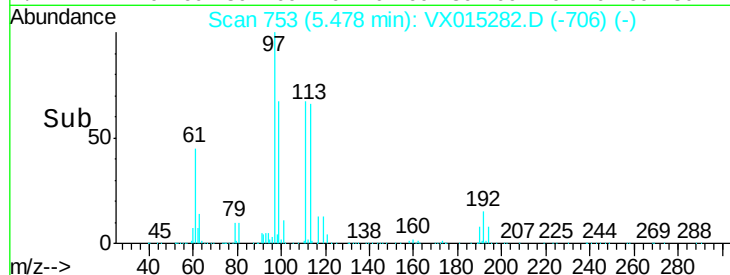
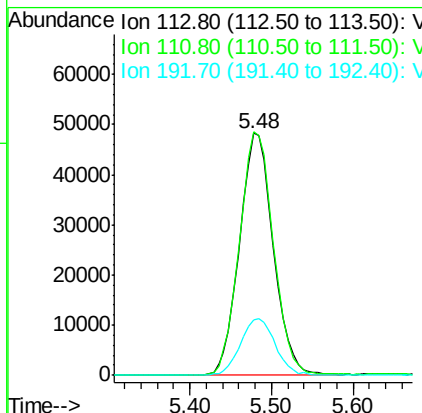
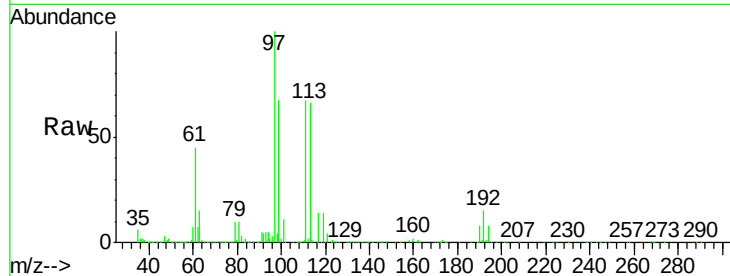
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	138905
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.6	123.8
192	24.4	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.721 ug/l

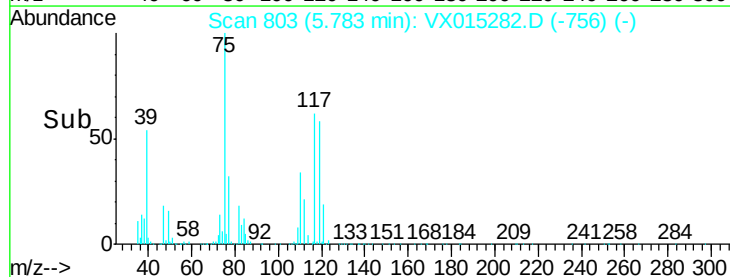
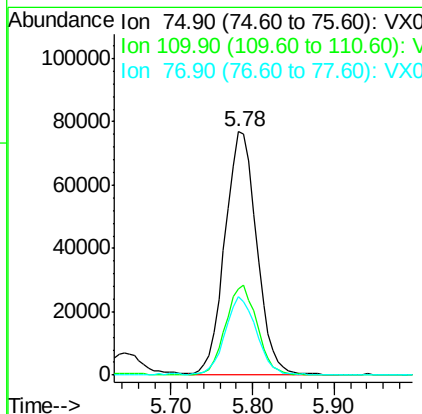
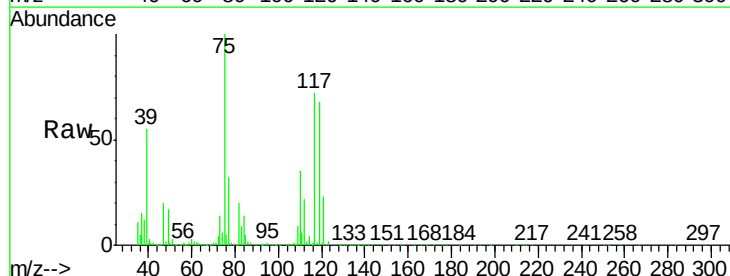
RT: 5.78 min Scan# 803

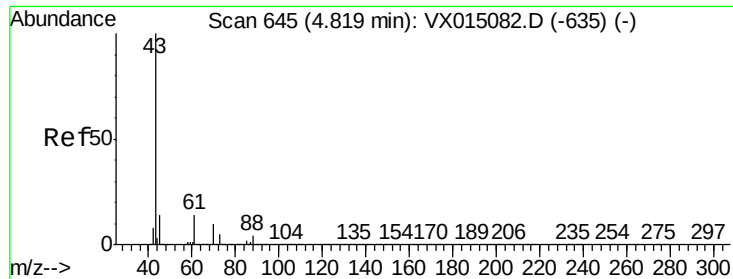
Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	75	Resp:	206718
Ion Ratio	Lower	Upper	
75	100		
110	36.7	17.9	53.8
77	31.2	24.8	37.2





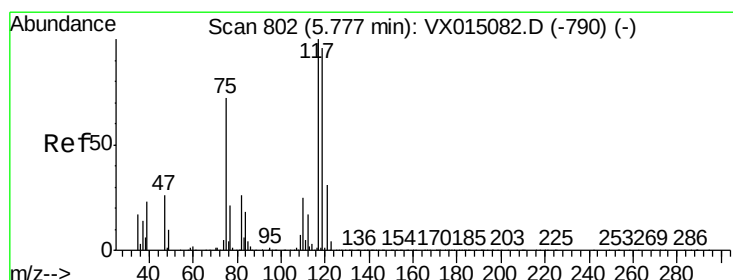
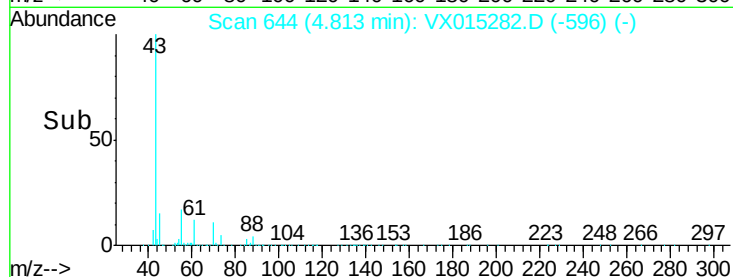
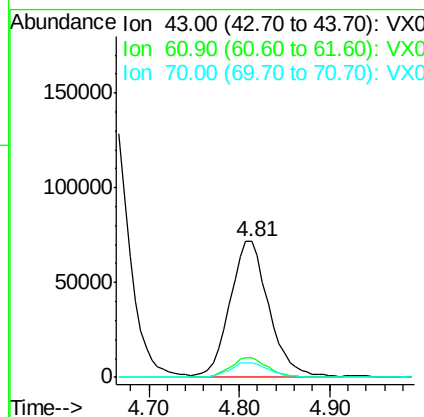
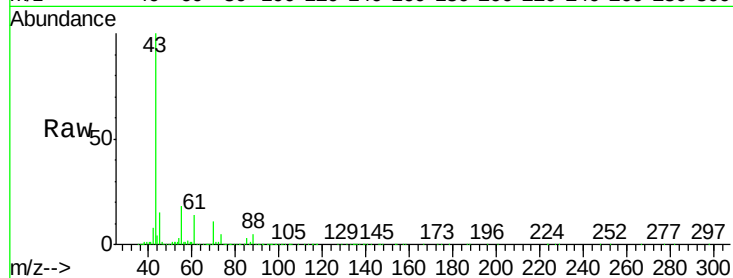
#37
Ethyl Acetate
Concen: 55.647 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	210374
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.5	8.1	12.1

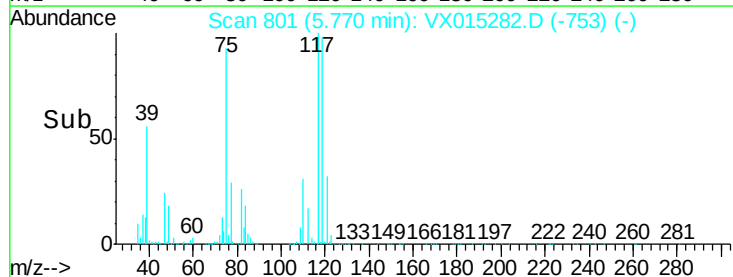
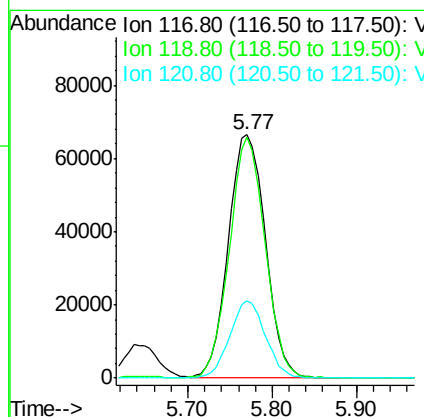
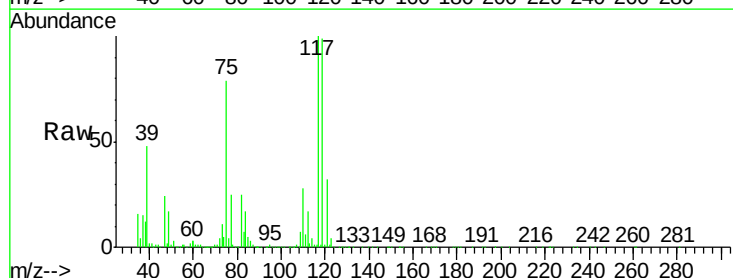
Manual Integrations
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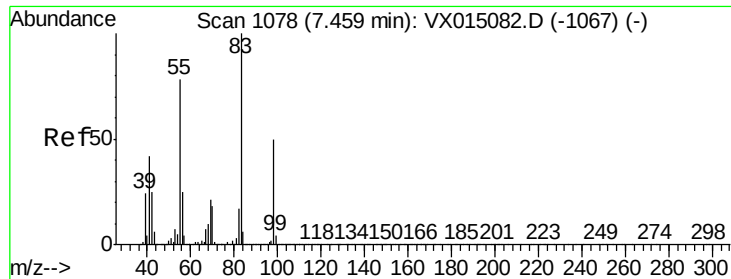
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#38
Carbon Tetrachloride
Concen: 51.614 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	117	Resp	198561
Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.9	115.3
121	31.5	24.6	37.0





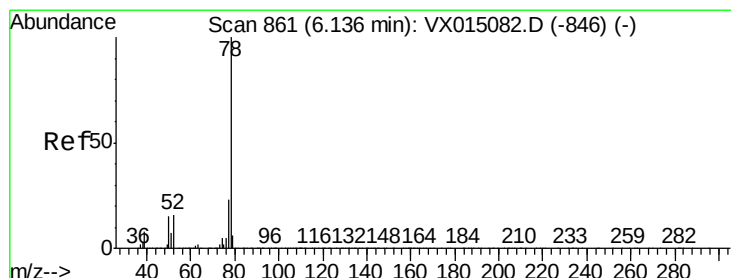
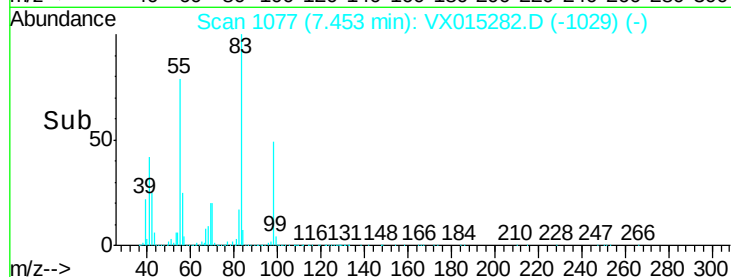
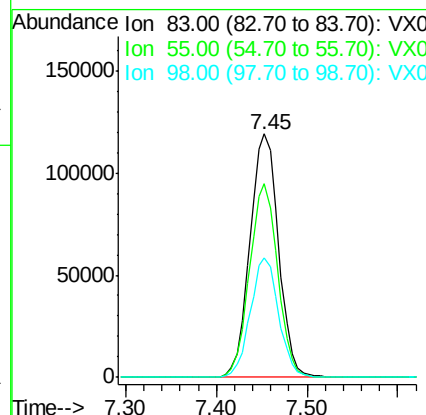
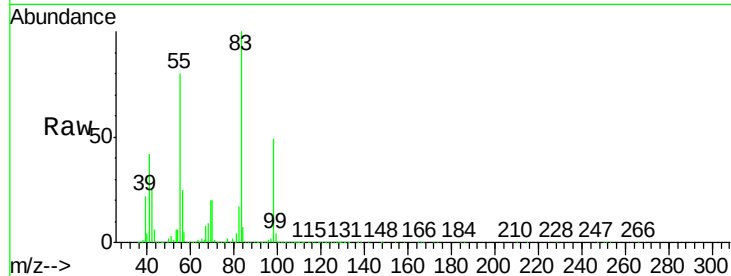
#39
Methylvlcyclohexane
Concen: 54.472 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	259228		
55	79.4		62.4	93.6
98	49.1		39.7	59.5

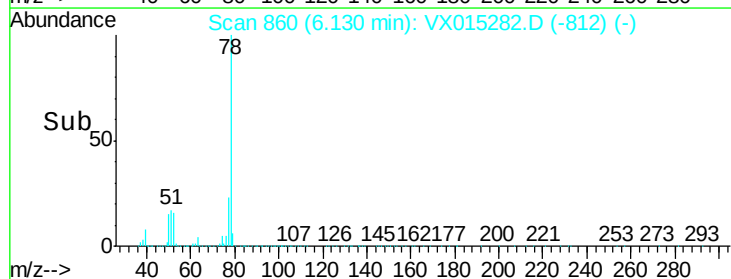
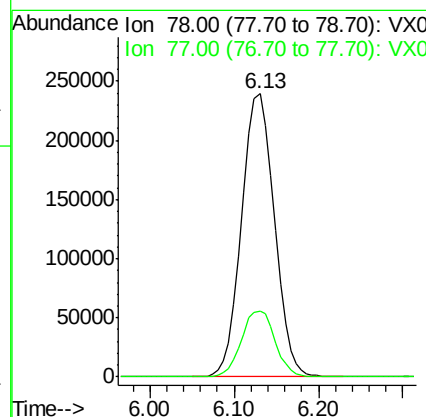
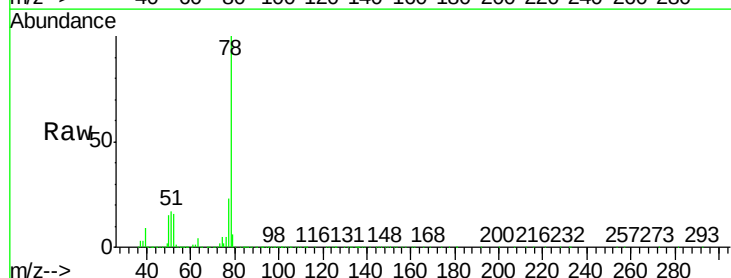
Manual Integrations
APPROVED

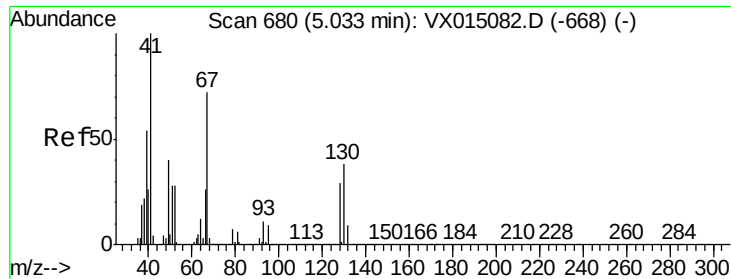
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#40
Benzene
Concen: 52.244 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	631713		
77	23.2		18.6	28.0





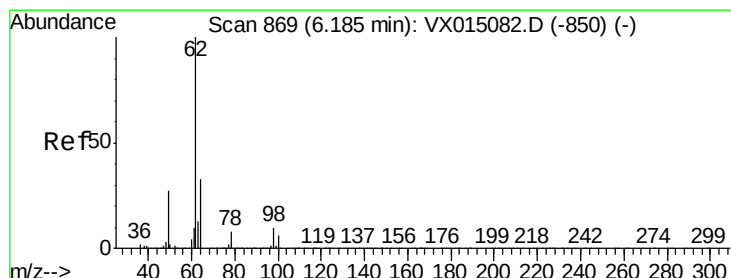
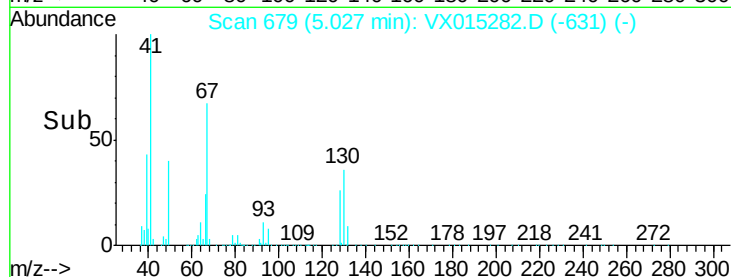
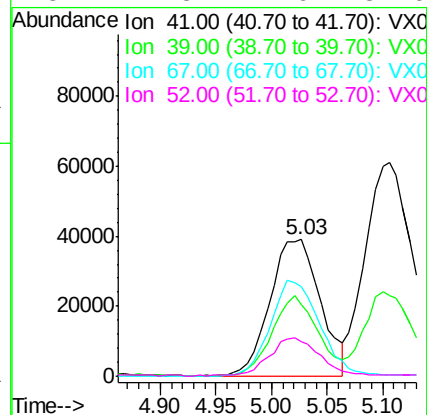
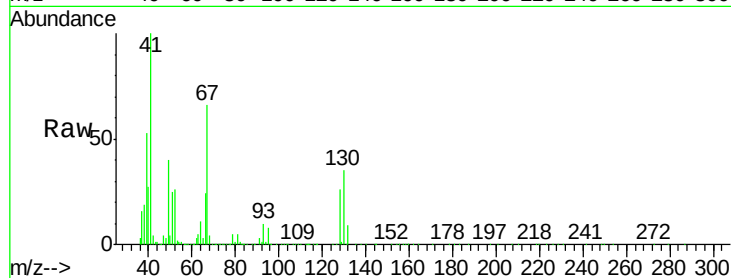
#41
Methacrylonitrile
Concen: 53.930 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	43.9	65.9	
67	68.8	57.8	86.8	
52	27.3	22.6	34.0	

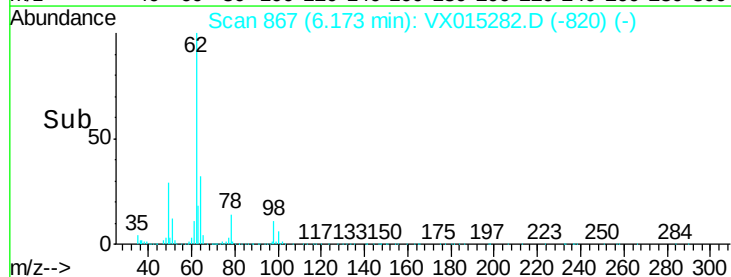
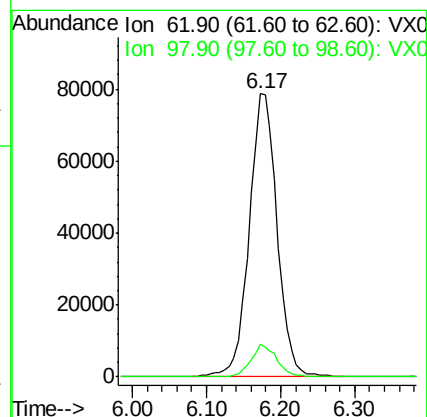
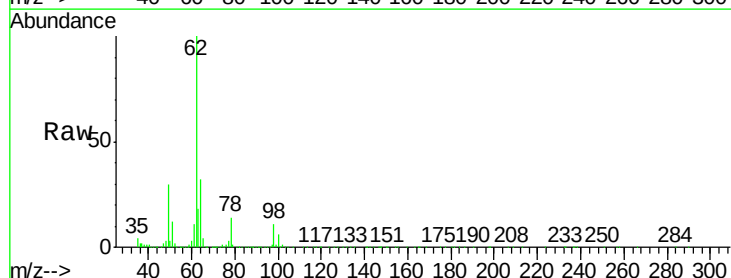
Manual Integrations
APPROVED

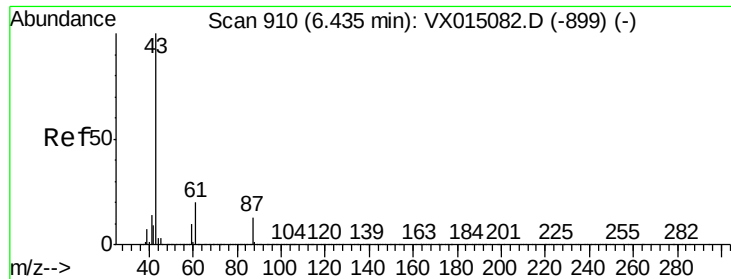
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#42
1,2-Dichloroethane
Concen: 49.461 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

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





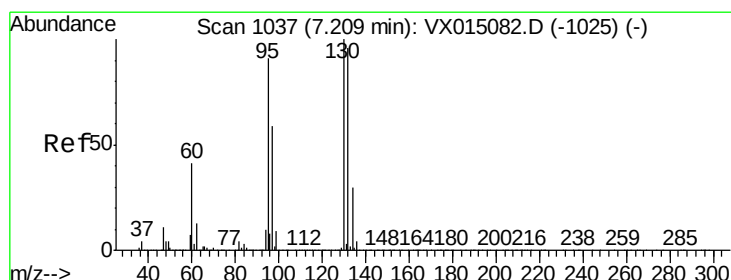
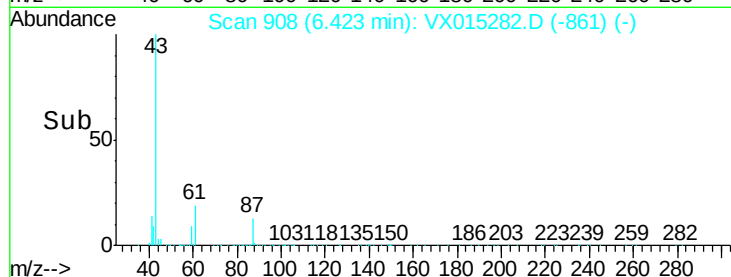
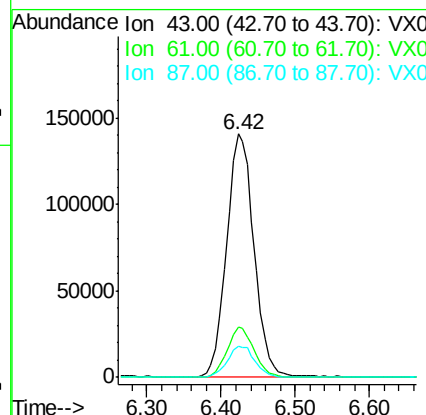
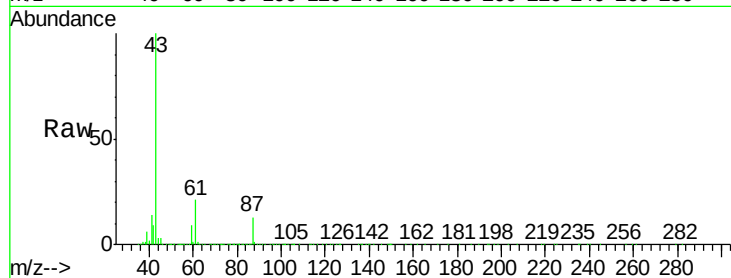
#43
Isopropyl Acetate
Concen: 53.853 ug/l
RT: 6.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	12.8	10.6	16.0

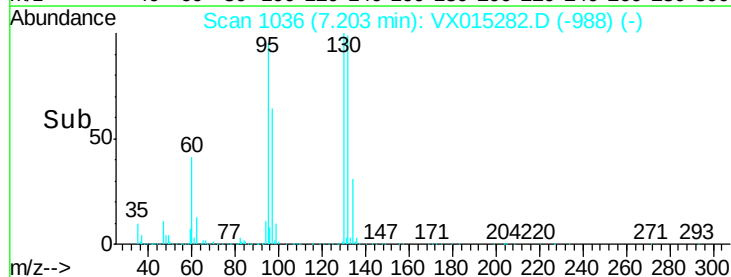
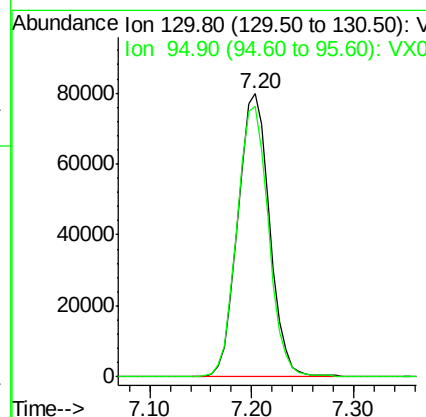
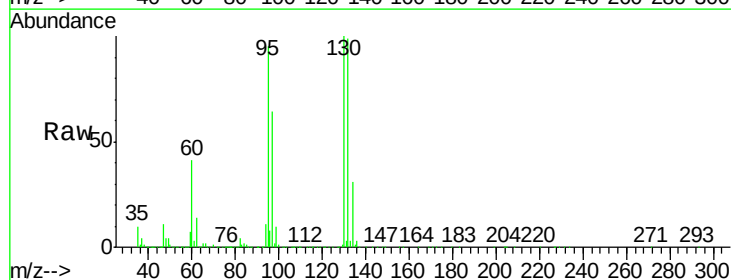
Manual Integrations
APPROVED

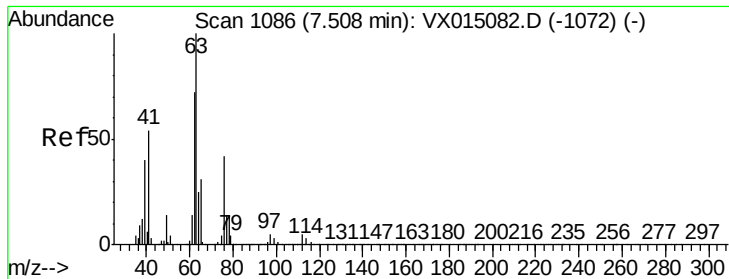
MMDadoda
3/17/2020 12:11:23 PM



#44
Trichloroethene
Concen: 51.139 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	181.2





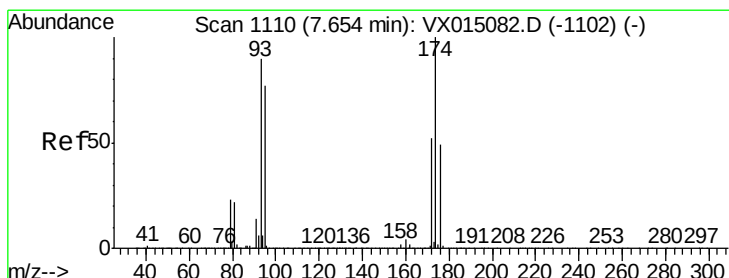
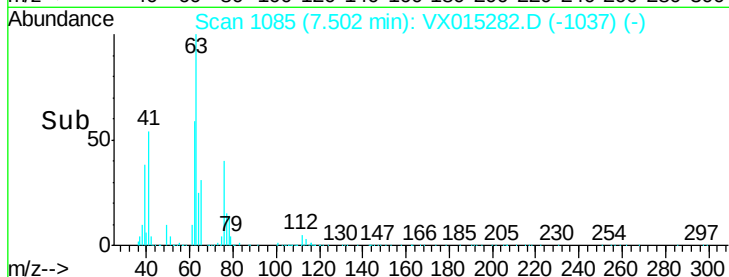
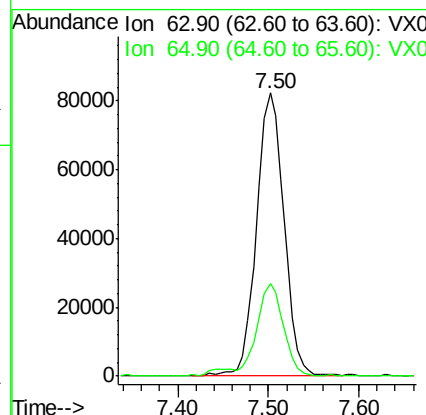
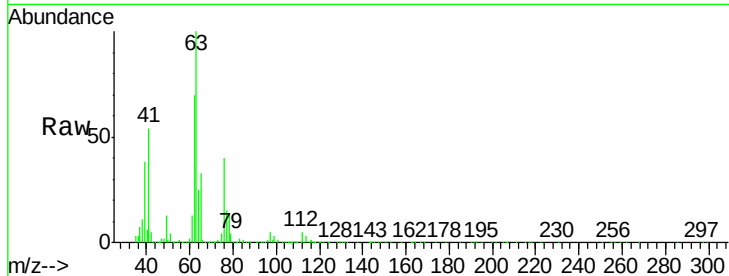
#45
 1,2-Dichloropropane
 Concen: 55.009 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.6	36.8

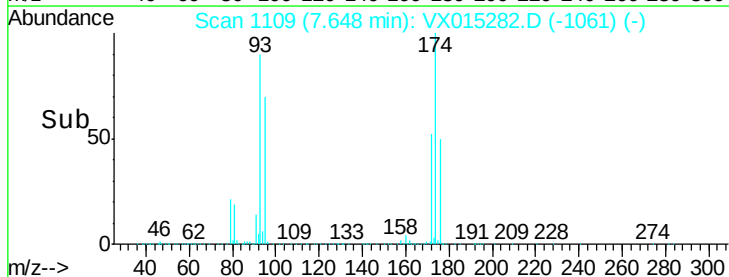
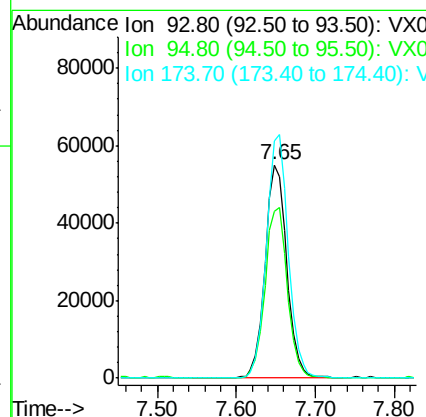
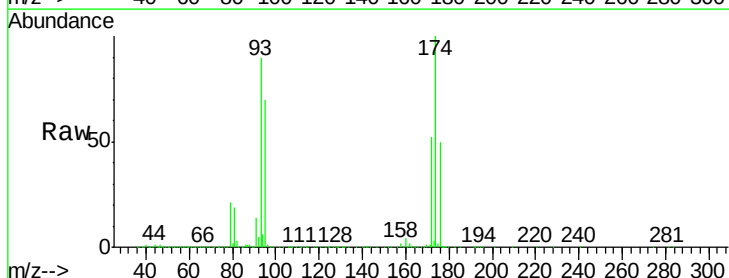
Manual Integrations
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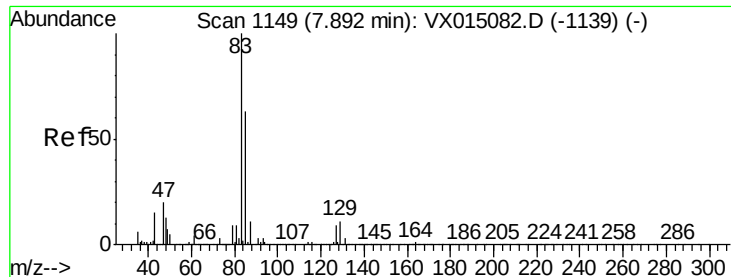
MMDadoda
 3/17/2020 12:11:23 PM



#46
 Dibromomethane
 Concen: 51.791 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.8	101.8
174	114.8	91.0	136.4





#47

Bromodichloromethane

Concen: 53.064 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

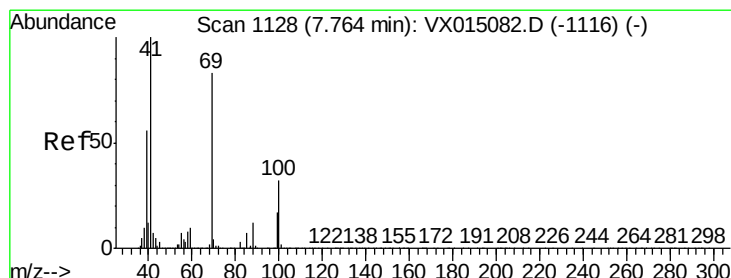
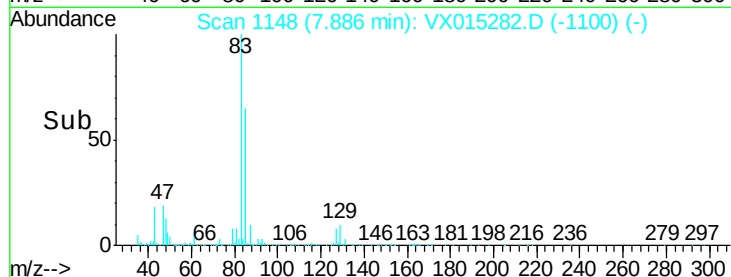
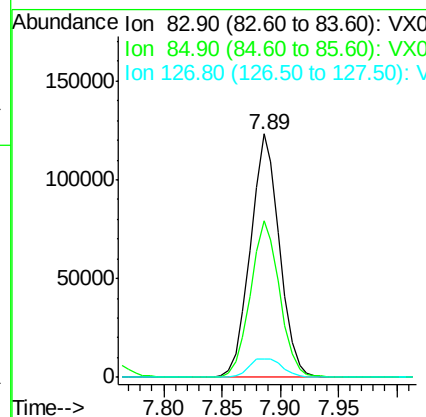
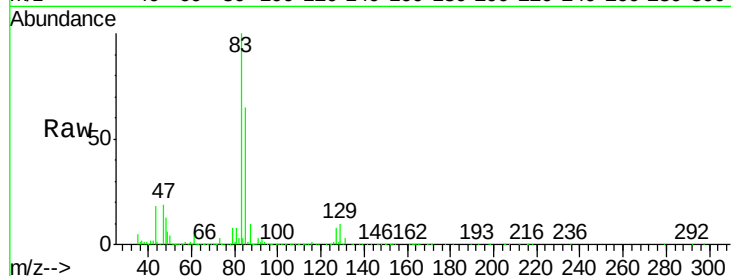
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	213995
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.6	75.8
127	7.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.625 ug/l

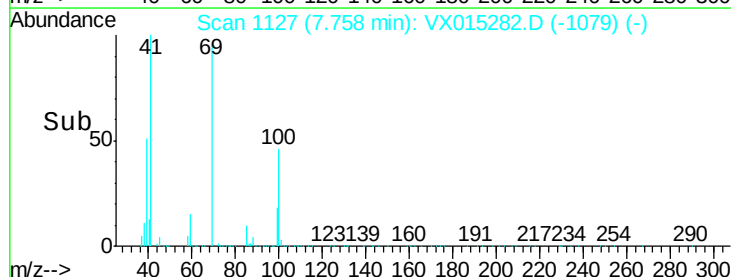
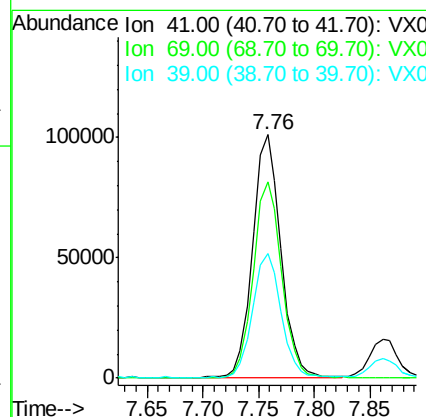
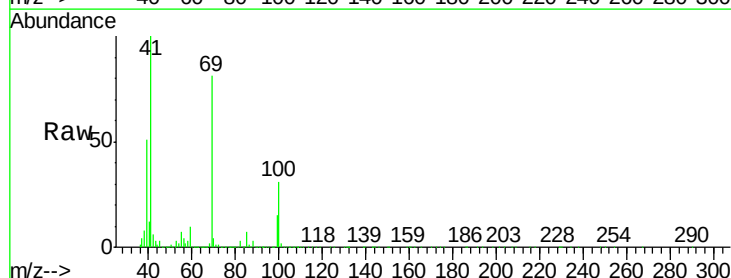
RT: 7.76 min Scan# 1127

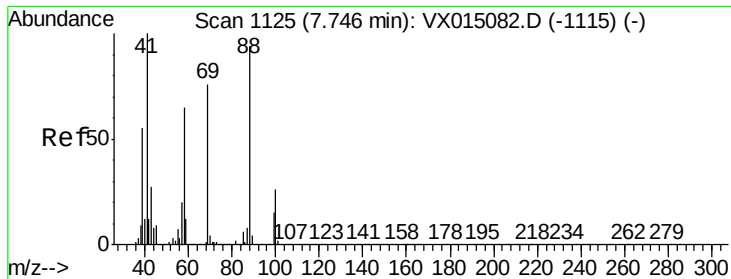
Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	41	Resp:	178134
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.4	98.2
39	51.5	44.6	67.0





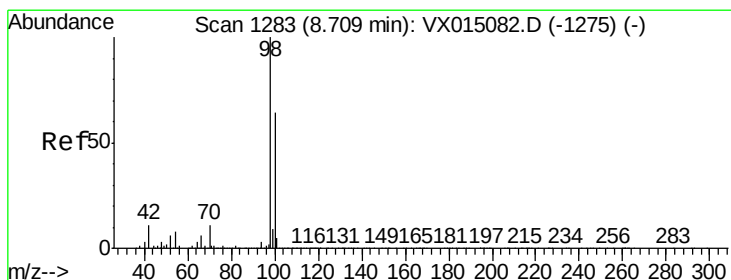
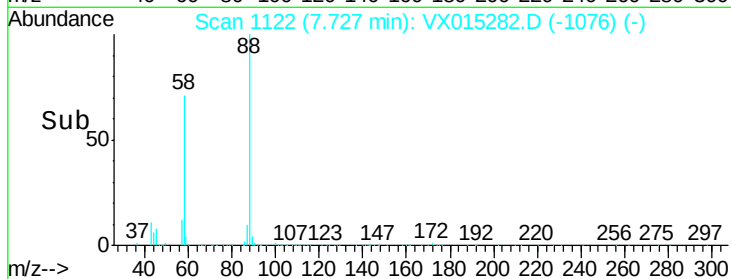
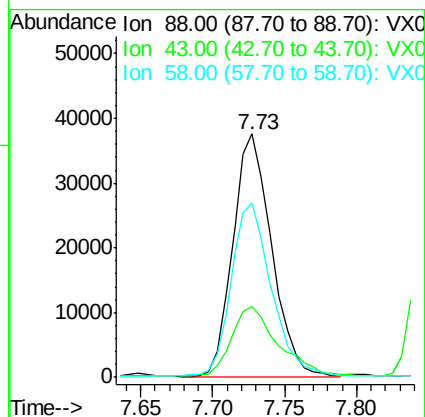
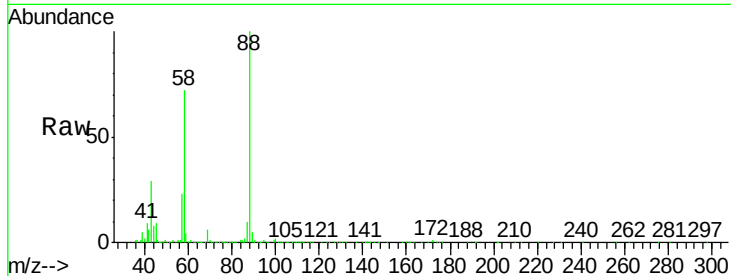
#49
1,4-Dioxane
Concen: 957.637 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	27.0	40.4
58	74.9	55.6	83.4

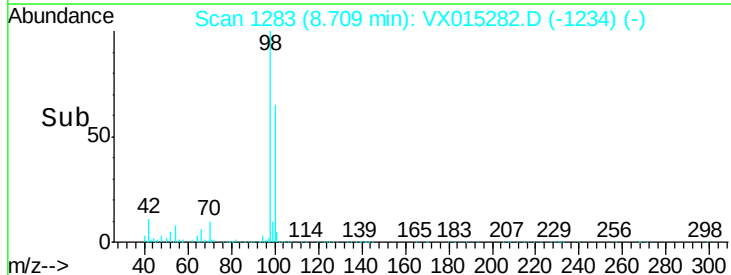
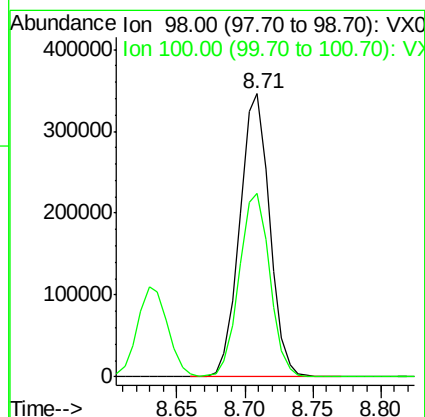
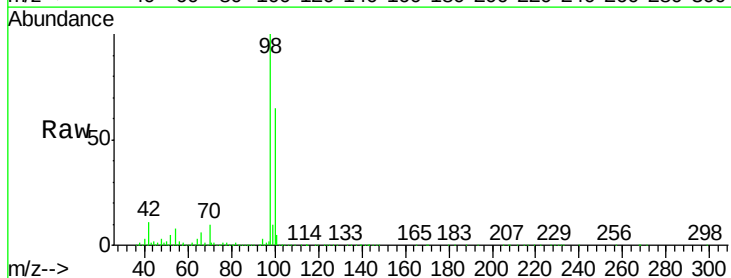
Manual Integrations
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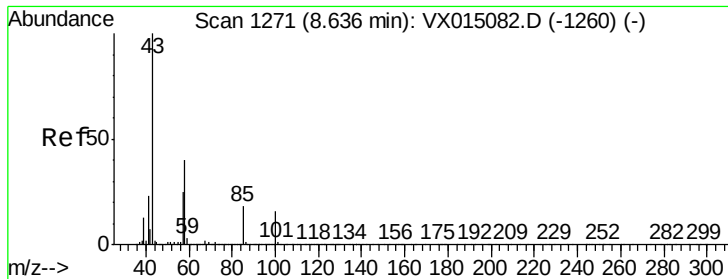
MMDadoda
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#50
Toluene-d8
Concen: 50.060 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 276.252 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1086293

Ion Ratio Lower Upper

43 100

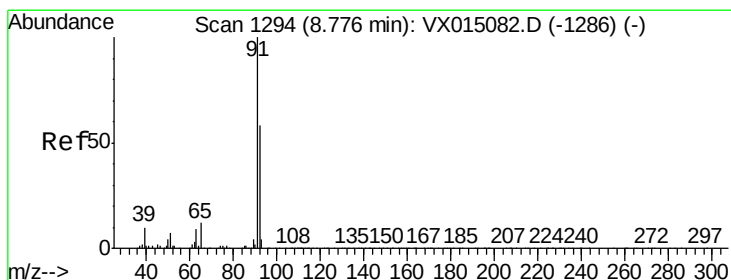
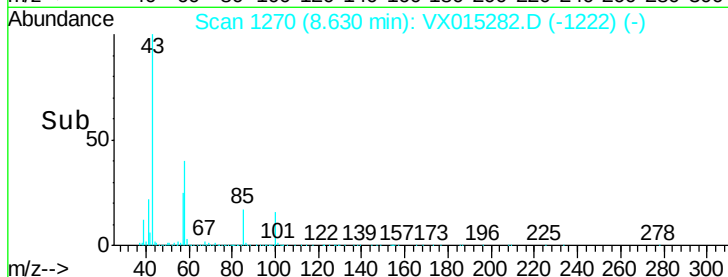
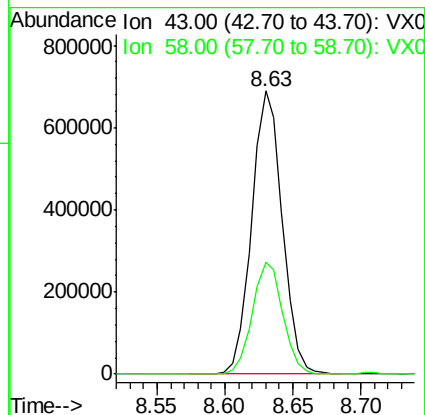
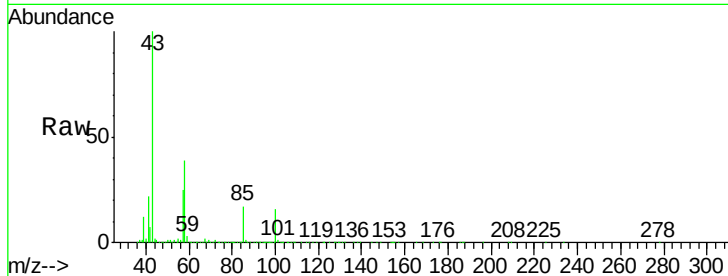
58 39.5 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 53.997 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015282.D

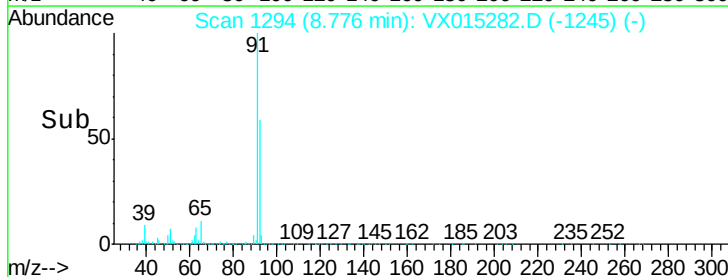
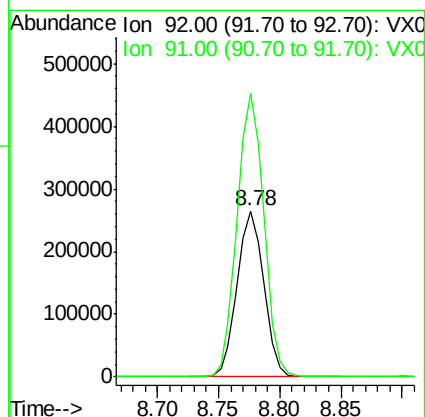
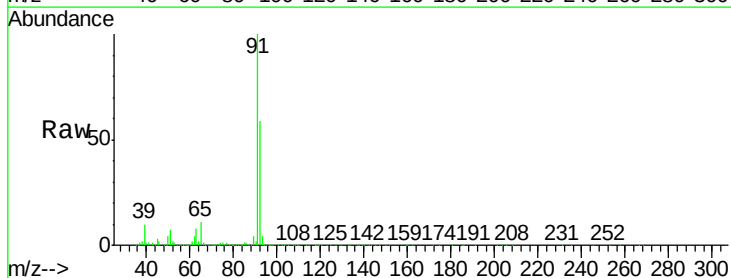
Acq: 16 Mar 2020 10:11

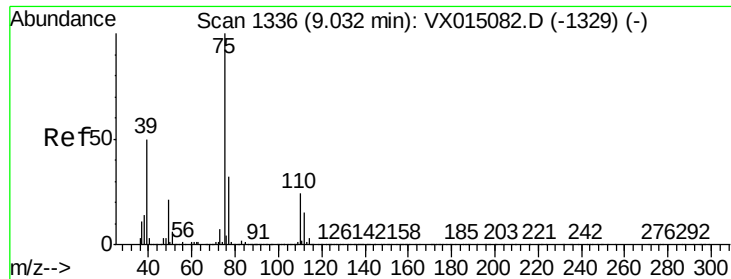
Tgt Ion: 92 Resp: 399217

Ion Ratio Lower Upper

92 100

91 171.0 136.9 205.3





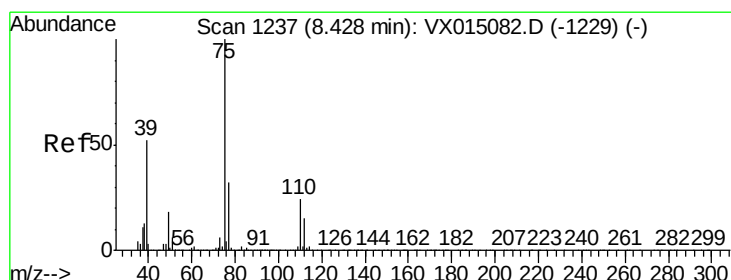
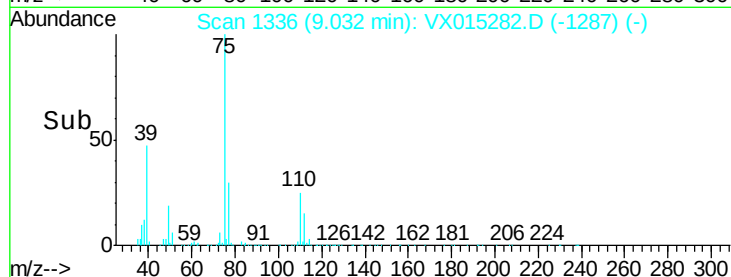
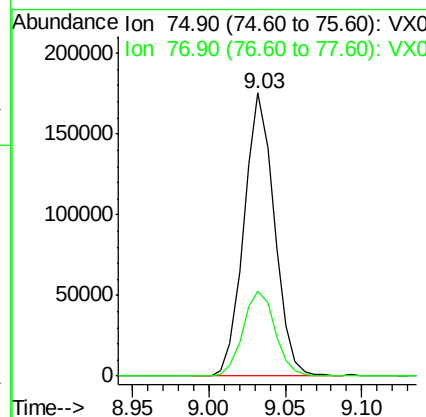
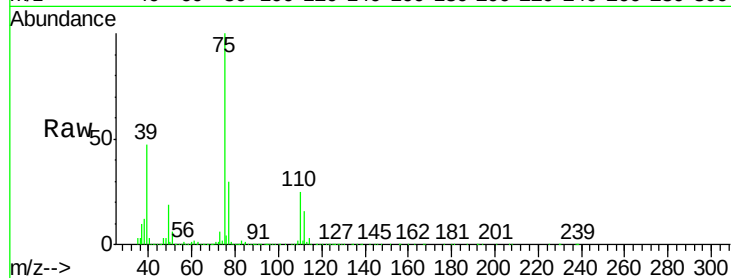
#53
t-1,3-Dichloropropene
Concen: 56.361 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0

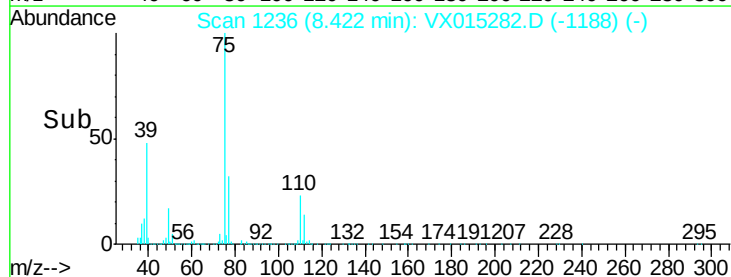
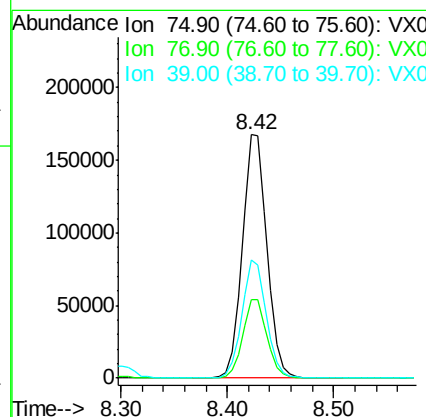
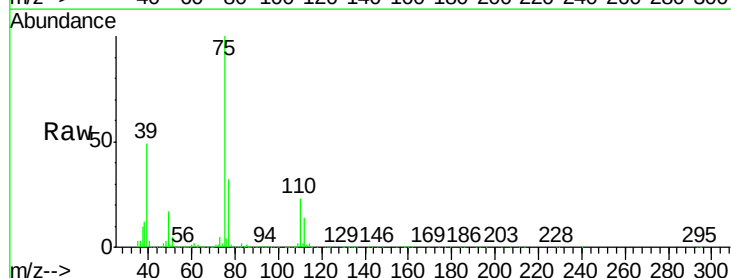
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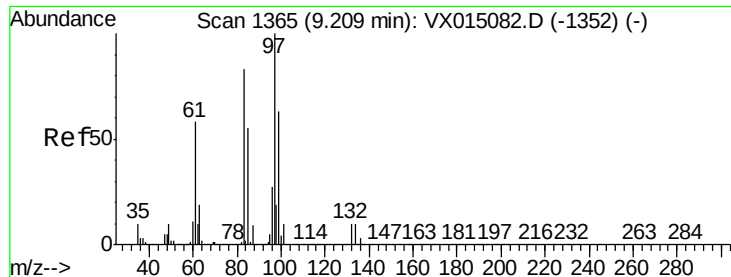
MMDadoda
3/17/2020 12:11:23 PM



#54
cis-1,3-Dichloropropene
Concen: 55.664 ug/l
RT: 8.42 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	48.5	41.3	61.9





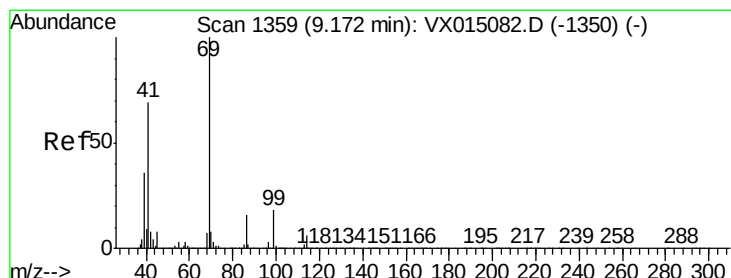
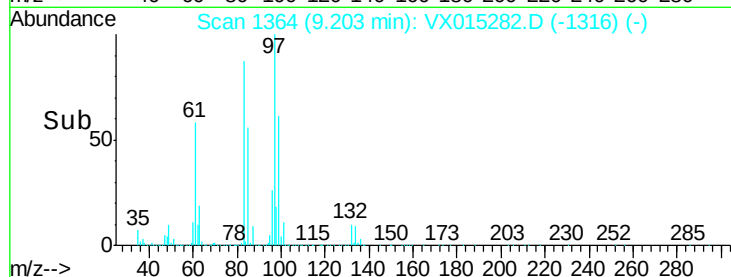
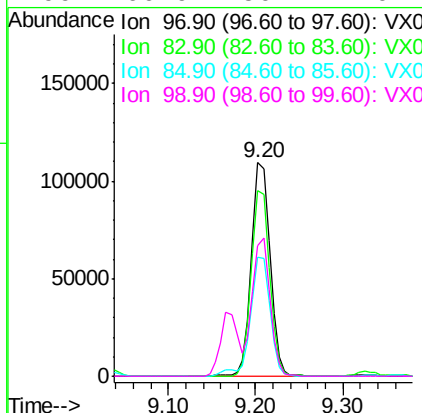
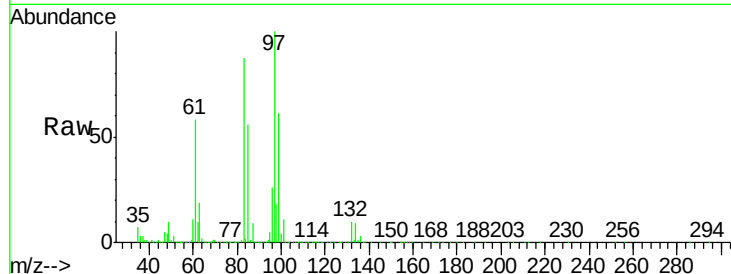
#55
 1,1,2-Trichloroethane
 Concen: 53.425 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	162573		
83	87.0	66.4	99.6	
85	55.6	43.5	65.3	
99	60.9	50.7	76.1	

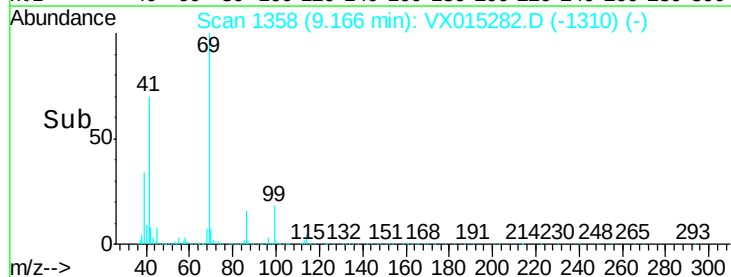
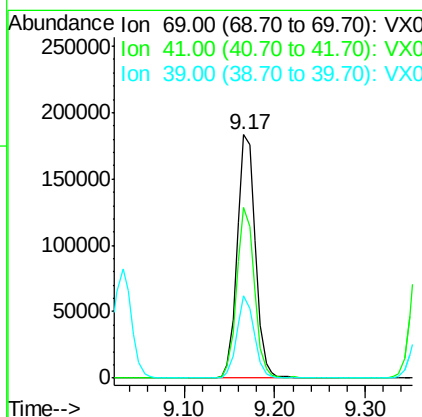
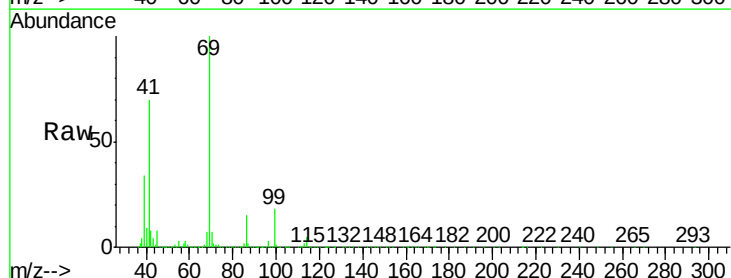
Manual Integrations
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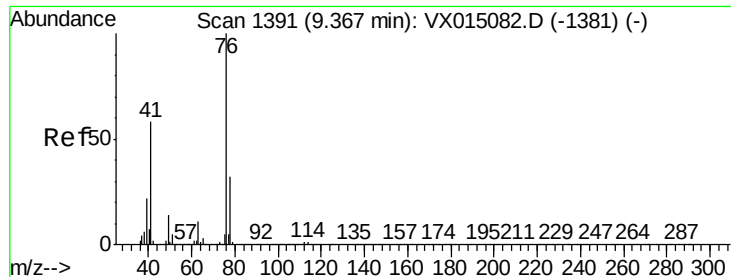
MMDadoda
 3/17/2020 12:11:23 PM



#56
 Ethyl methacrylate
 Concen: 58.707 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	254816		
41	68.2	55.8	83.8	
39	32.3	29.4	44.2	





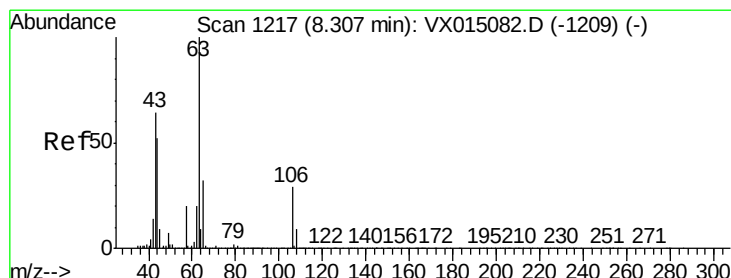
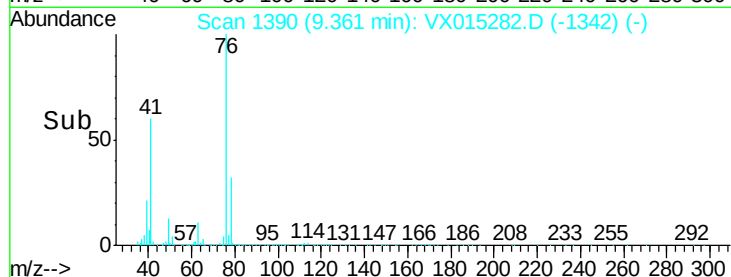
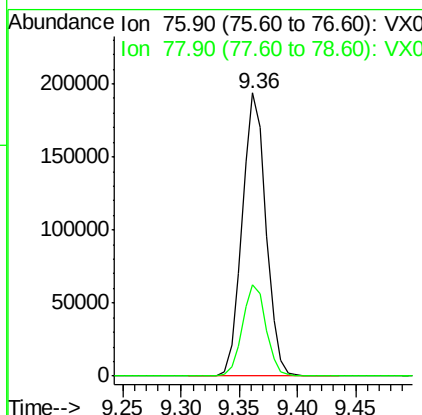
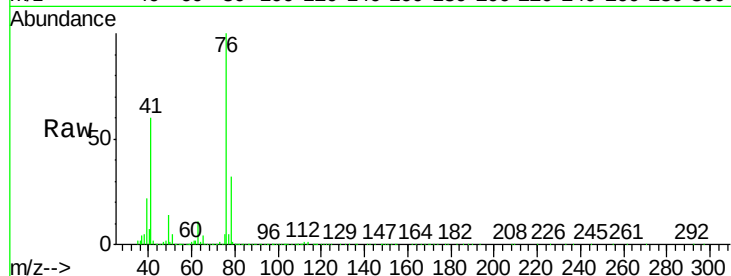
#57
 1,3-Dichloropropane
 Concen: 53.915 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

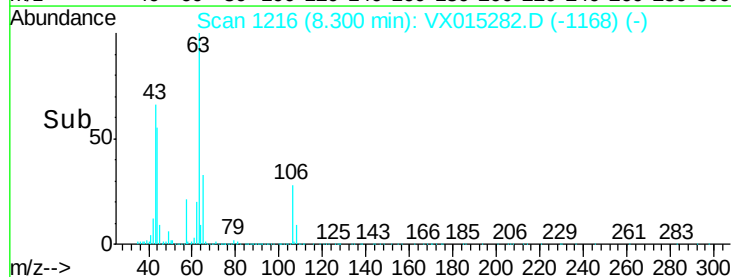
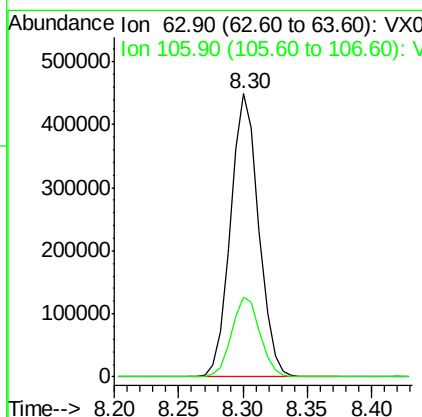
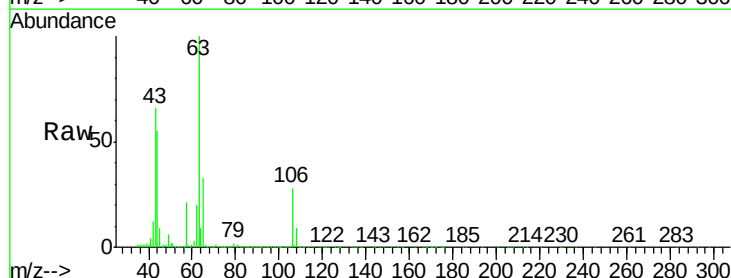
Manual Integrations
 APPROVED

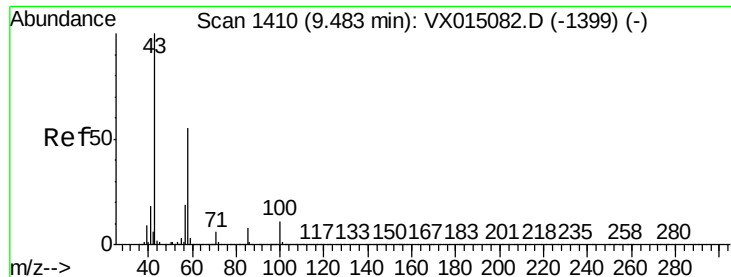
MMDadoda
 3/17/2020 12:11:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.120 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2





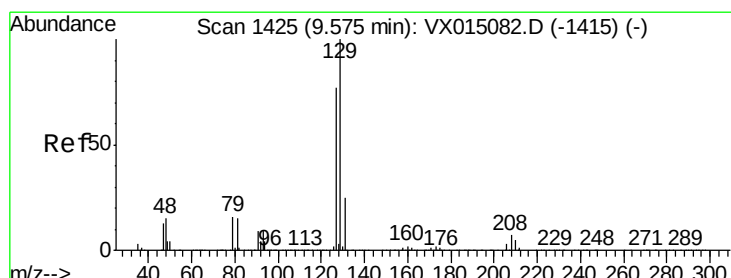
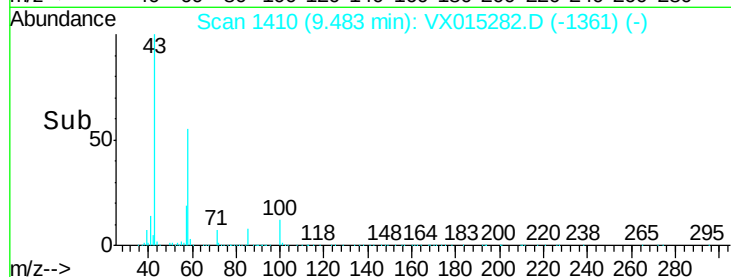
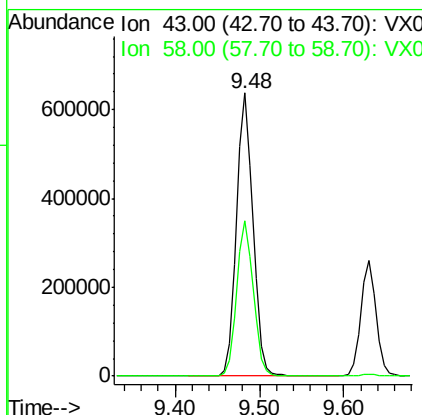
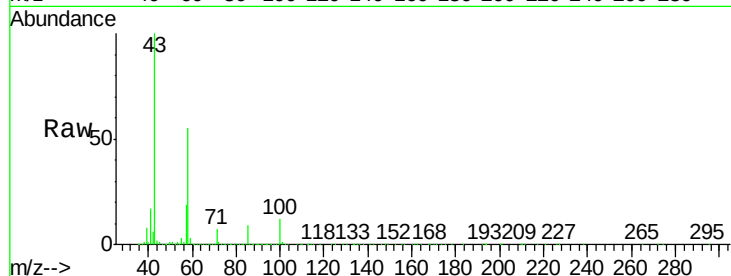
#59
2-Hexanone
Concen: 288.798 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 841709
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

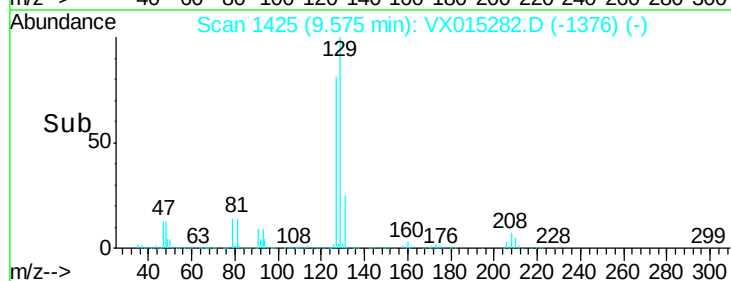
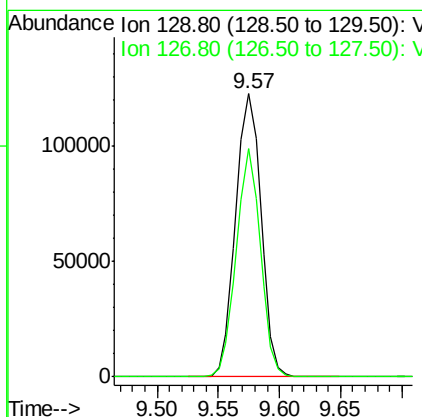
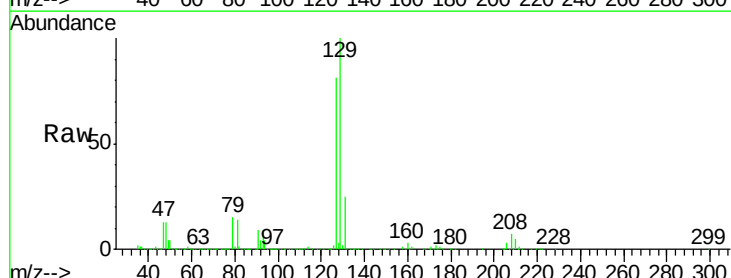
Manual Integrations
APPROVED

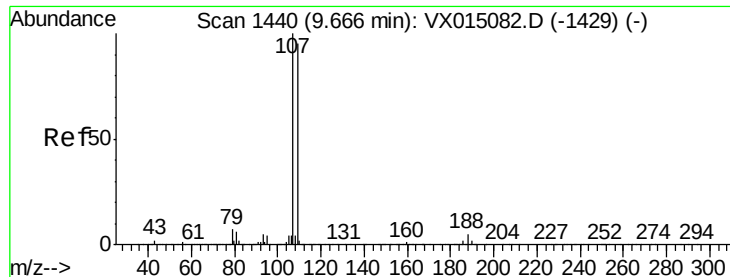
MMDadoda
3/17/2020 12:11:23 PM



#60
Dibromochloromethane
Concen: 55.555 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion: 129 Resp: 177585
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.397 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 167473

Ion Ratio Lower Upper

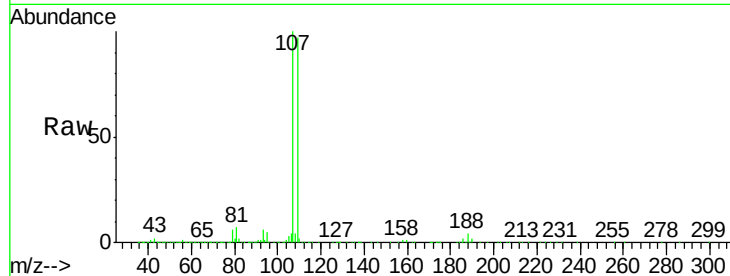
107 100

109 94.1 75.6 113.4

Manual Integrations
APPROVED

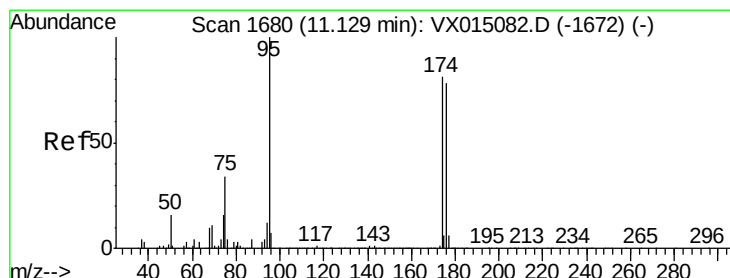
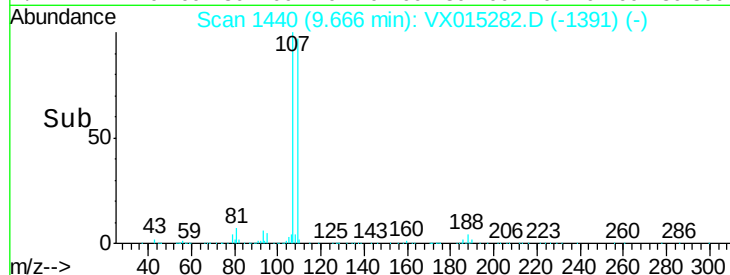
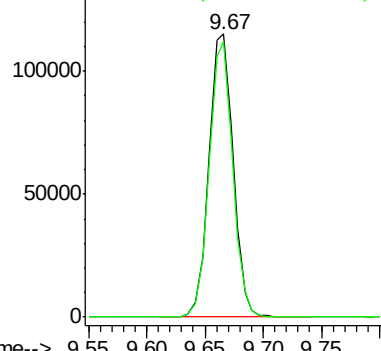
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.737 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

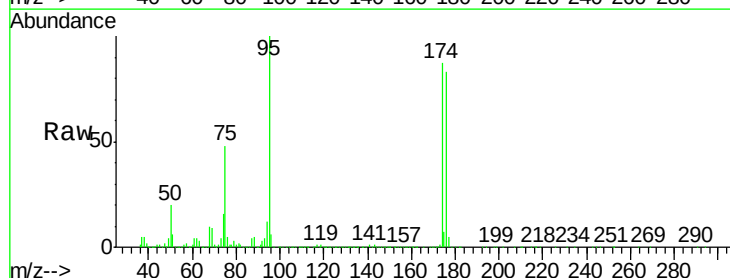
Tgt Ion: 95 Resp: 206555

Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.6

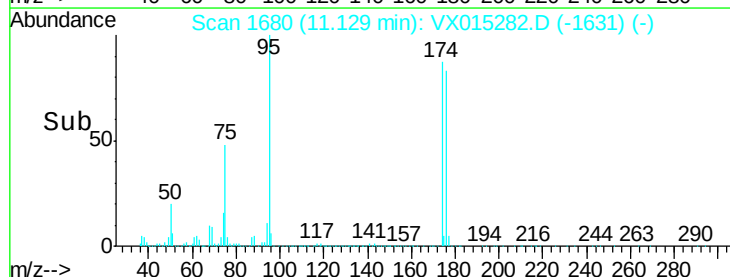
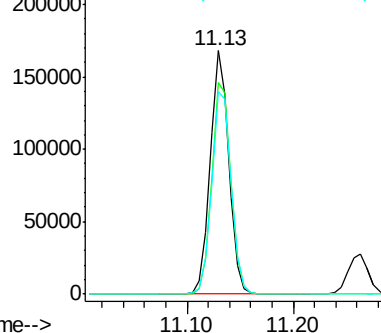
176 87.0 0.0 170.2

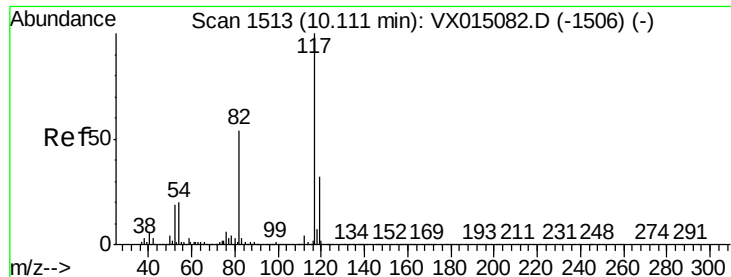


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





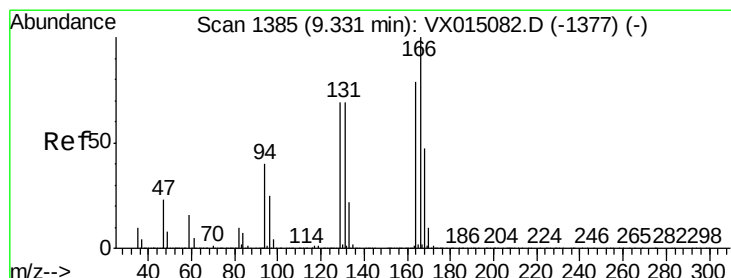
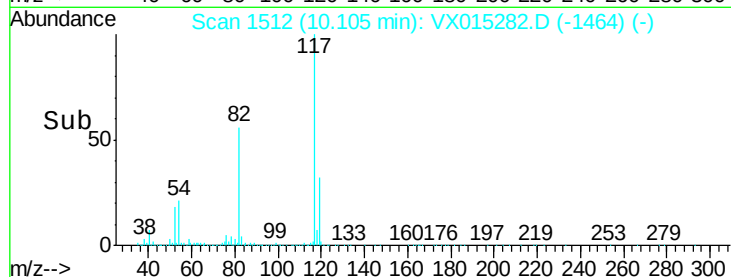
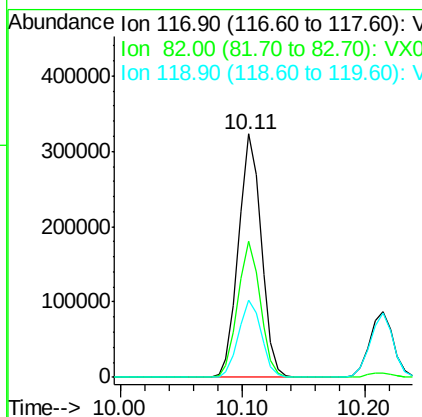
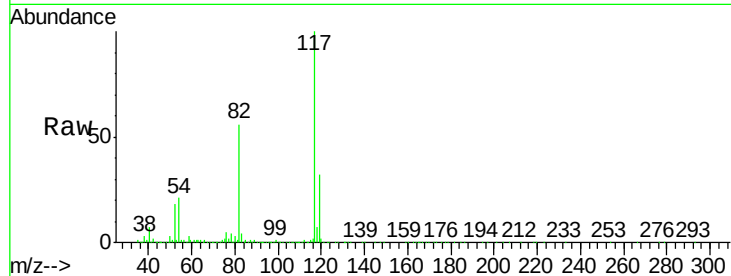
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.3	64.9
119	31.9	25.8	38.8

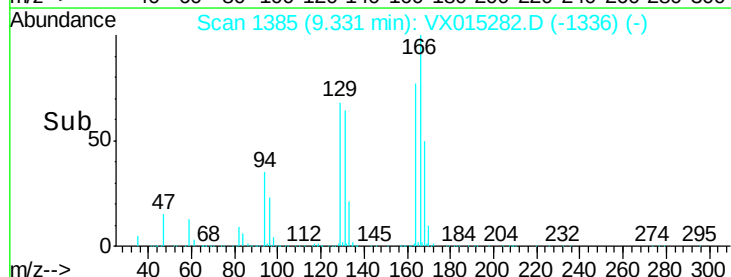
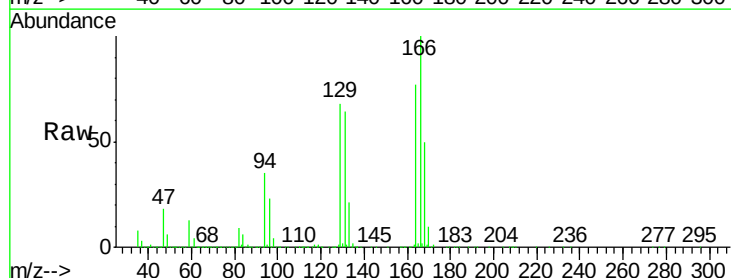
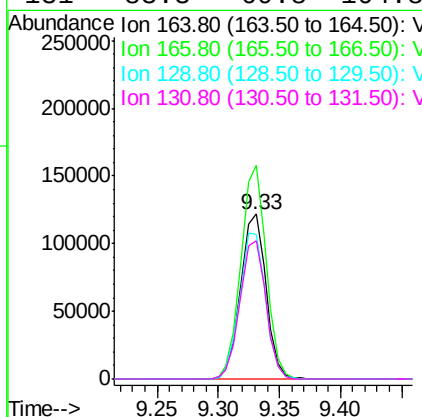
Manual Integrations
APPROVED

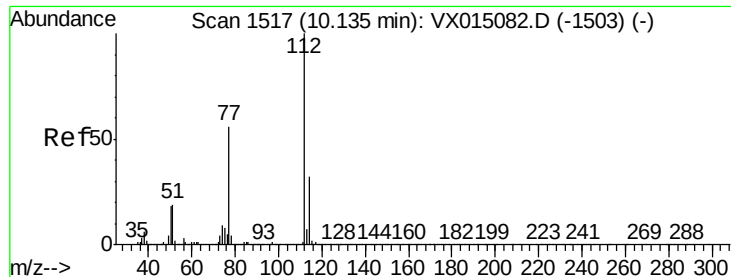
MMDadoda
3/17/2020 12:11:23 PM



#64
Tetrachloroethene
Concen: 51.257 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.1	151.7
129	87.6	69.4	104.0
131	83.3	69.8	104.8





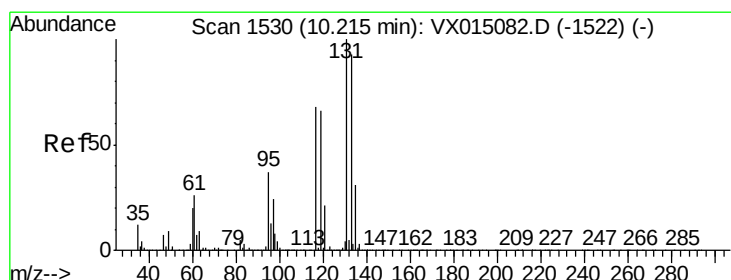
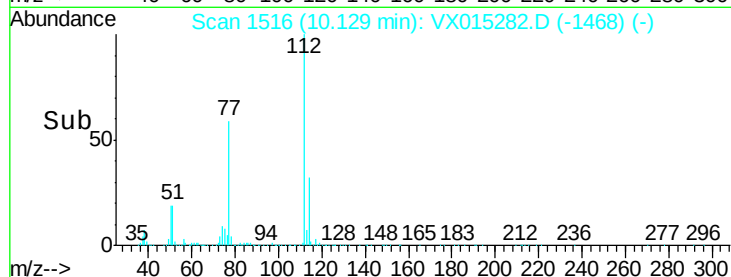
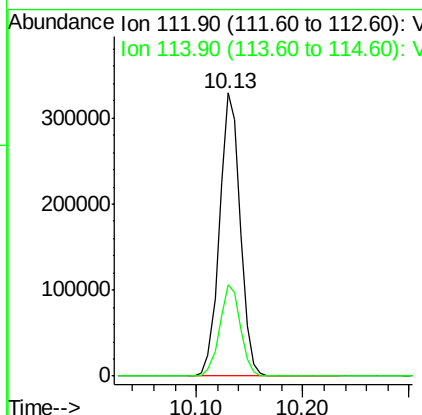
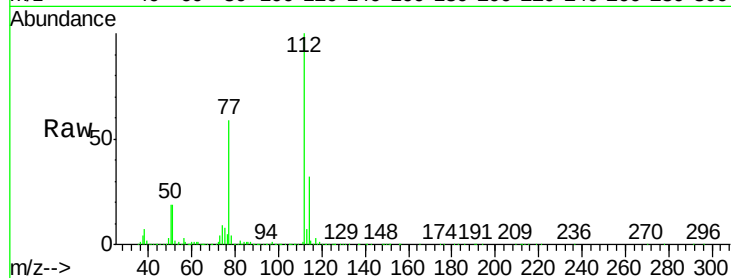
#65
Chlorobenzene
Concen: 53.372 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3

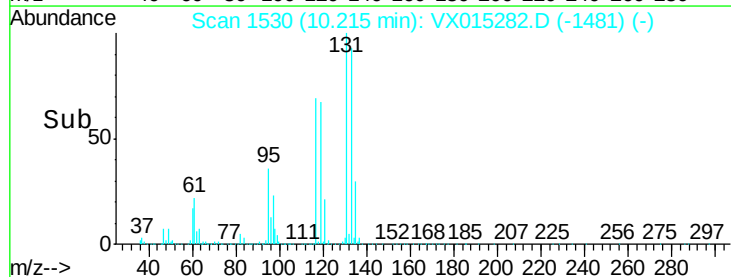
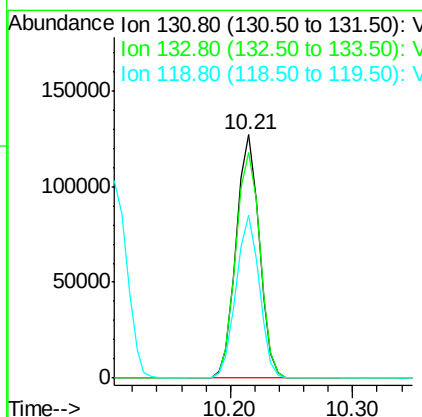
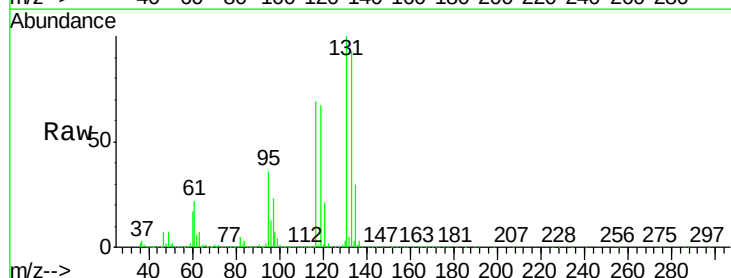
Manual Integrations
APPROVED

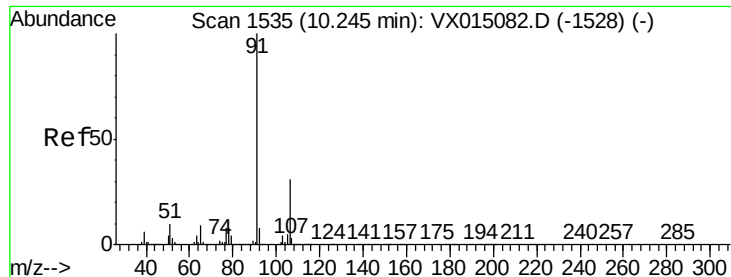
MMDadoda
3/17/2020 12:11:23 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.831 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.5	142.5
119	67.1	33.4	100.1





#67

Ethyl Benzene

Concen: 55.952 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 791755

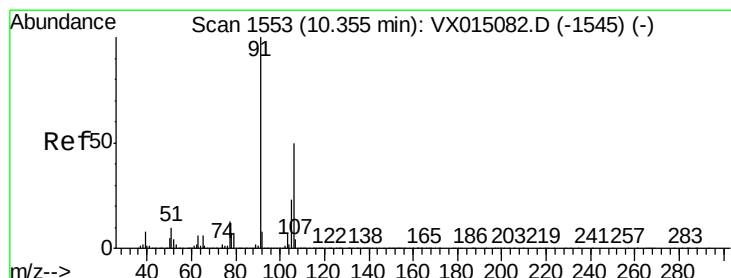
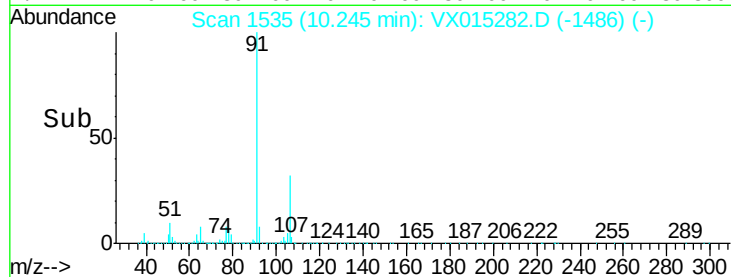
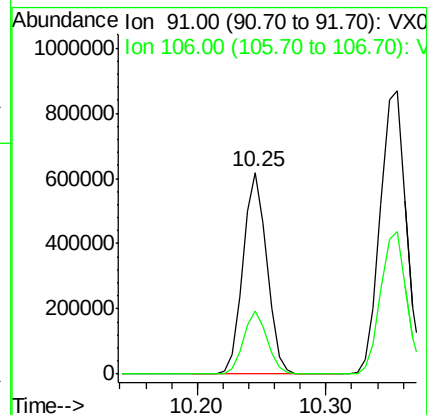
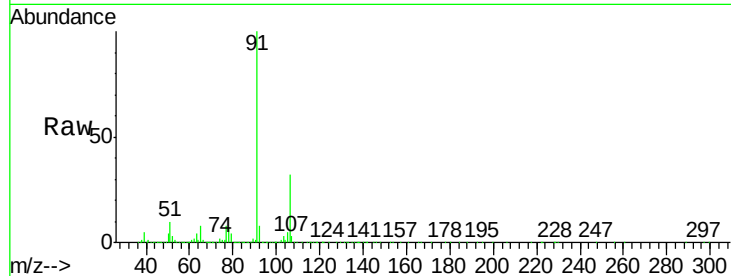
Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
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#68

m/p-Xylenes

Concen: 111.856 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015282.D

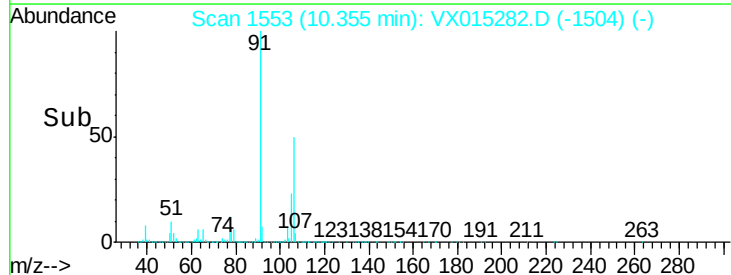
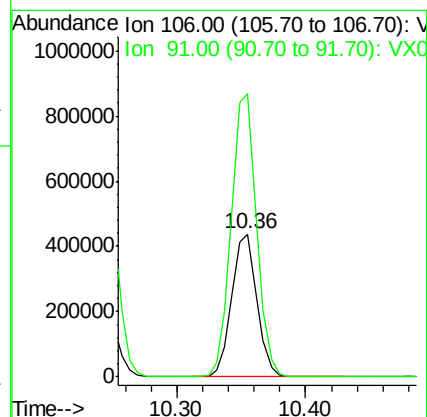
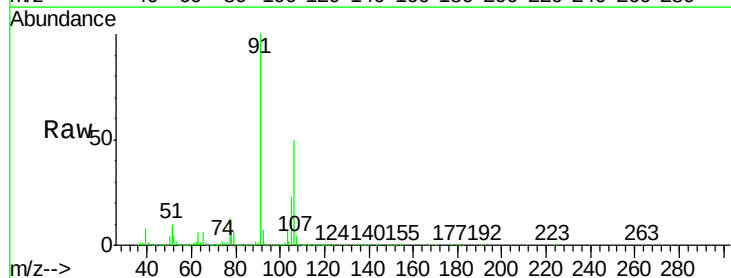
Acq: 16 Mar 2020 10:11

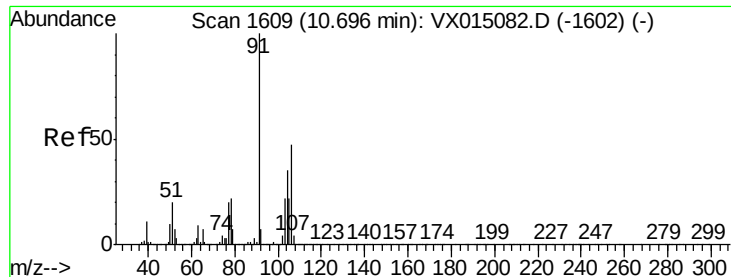
Tgt Ion: 106 Resp: 602210

Ion Ratio Lower Upper

106 100

91 199.9 159.4 239.2





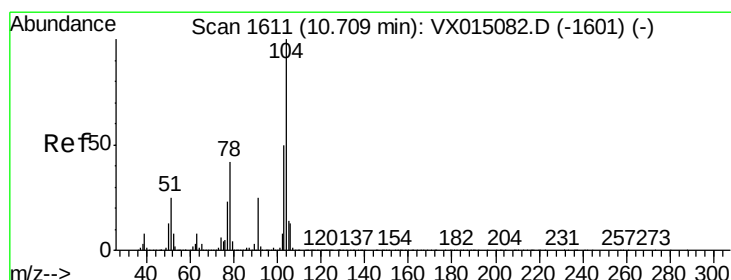
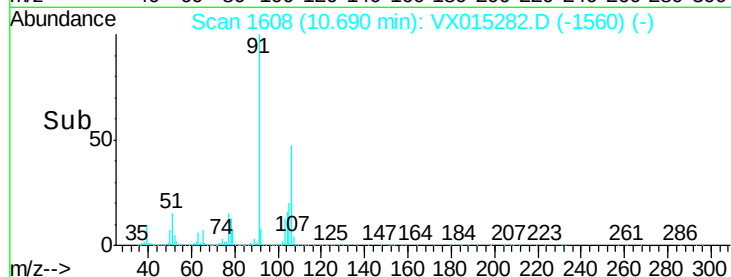
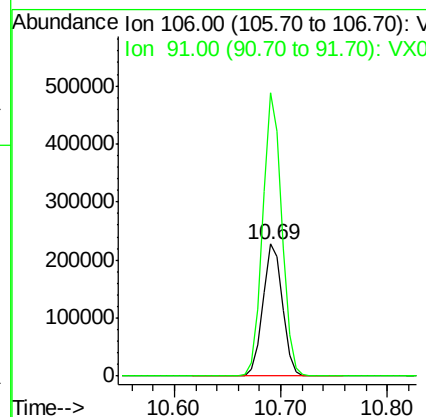
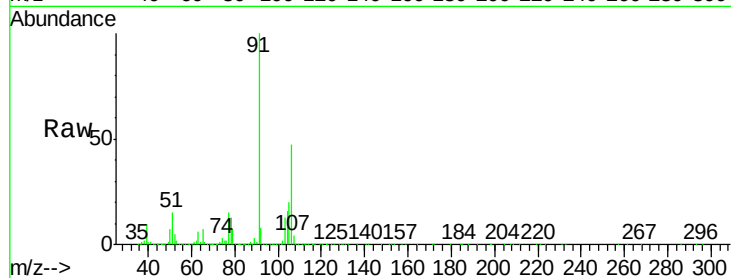
#69
o-Xylene
Concen: 57.057 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.1	105.4	316.1

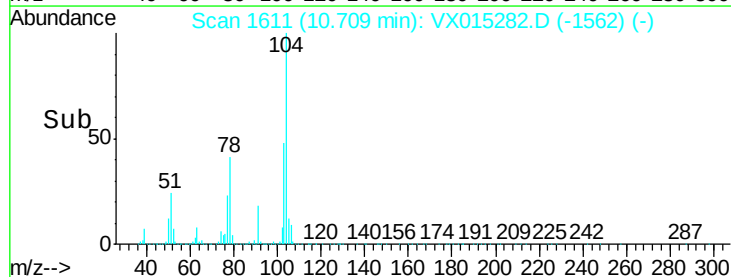
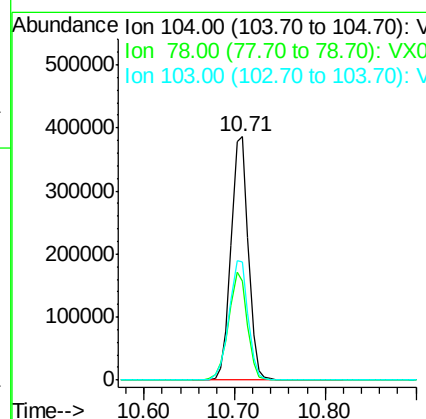
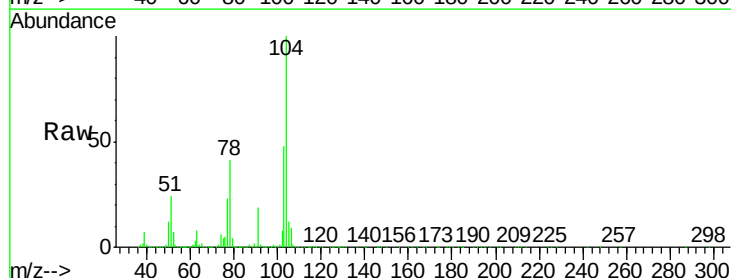
Manual Integrations
APPROVED

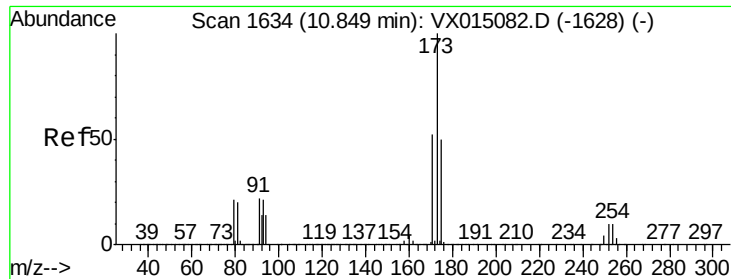
MMDadoda
3/17/2020 12:11:23 PM



#70
Styrene
Concen: 58.114 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.0	58.4
103	53.9	43.7	65.5





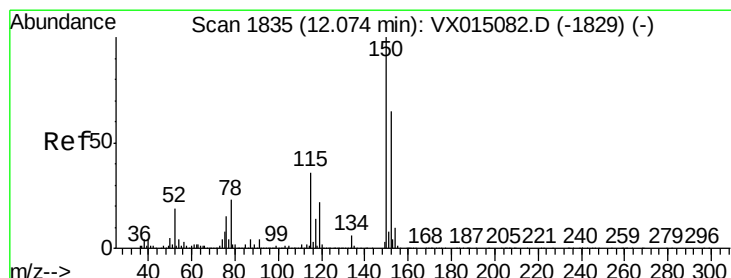
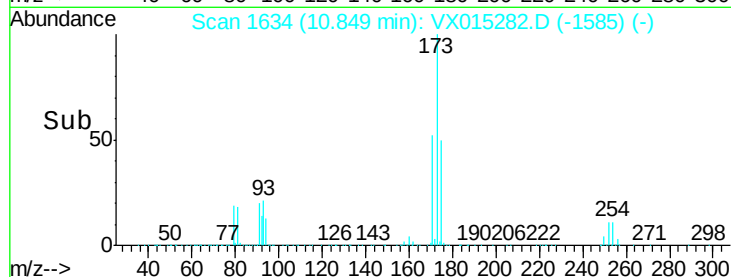
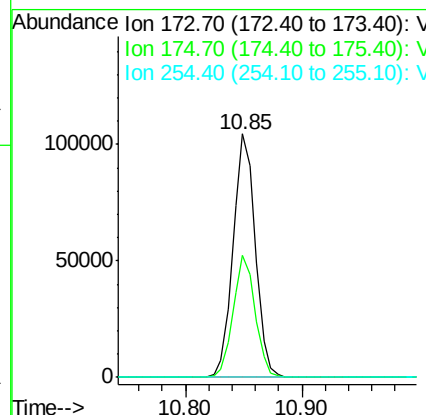
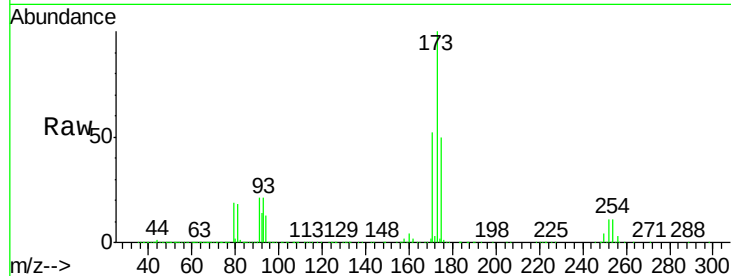
#71
Bromoform
Concen: 56.845 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.7
254	0.1	0.2	0.2#

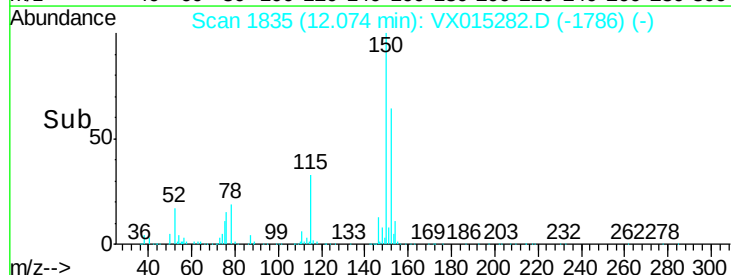
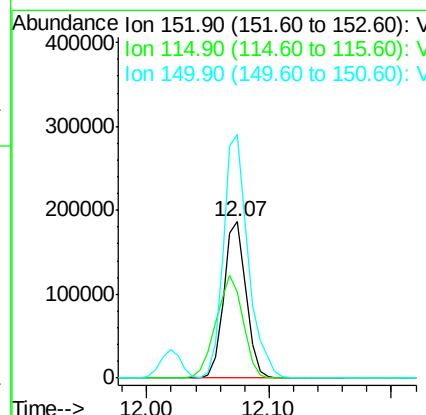
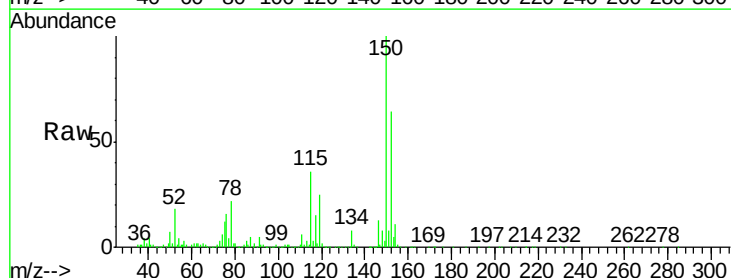
Manual Integrations
APPROVED

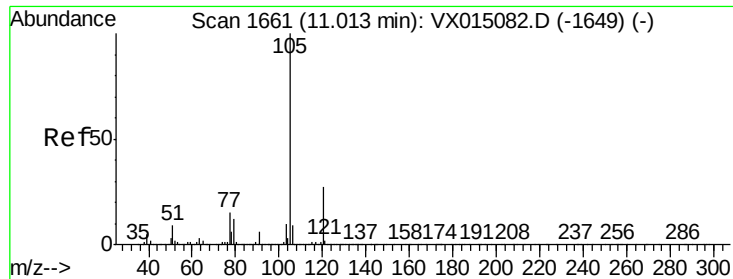
MMDadoda
3/17/2020 12:11:23 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	38.2	114.6
150	173.6	0.0	343.8





#73

Isopropylbenzene

Concen: 53.188 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 799396

Ion Ratio Lower Upper

105 100

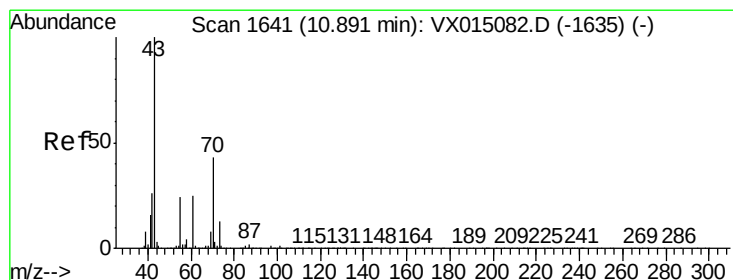
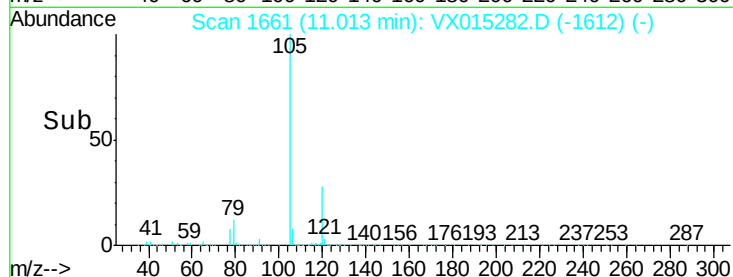
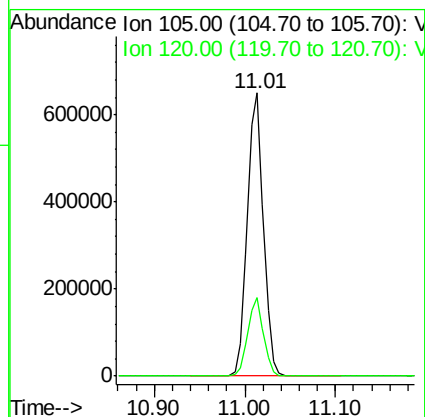
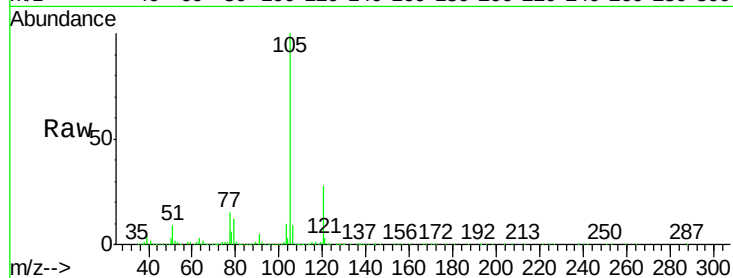
120 27.0

13.5 40.5

Manual Integrations
APPROVED

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#74

N-ethyl acetate

Concen: 54.294 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion: 43 Resp: 343894

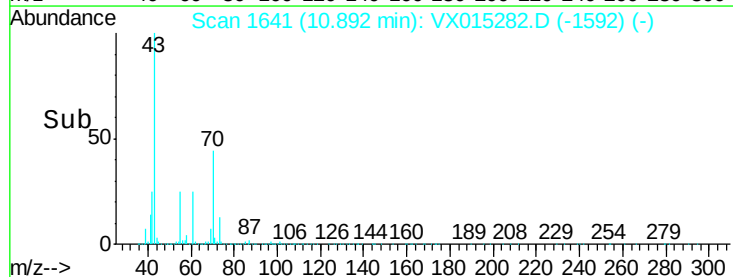
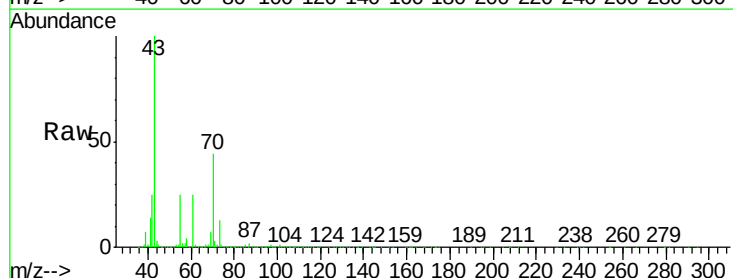
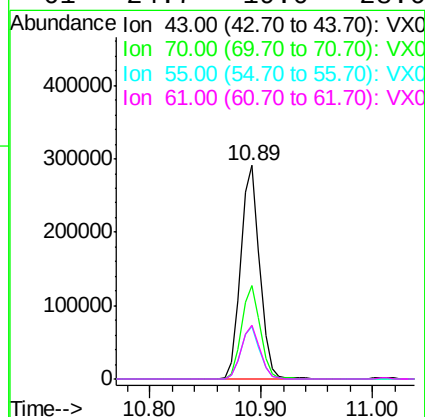
Ion Ratio Lower Upper

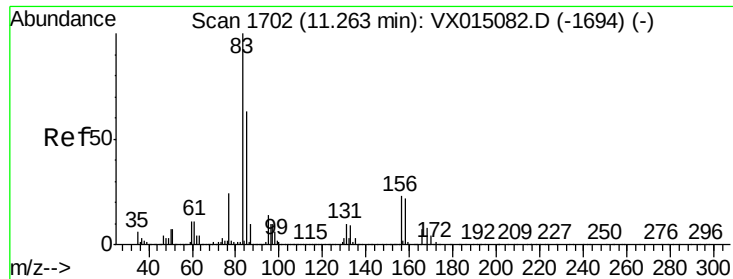
43 100

70 42.8 34.7 52.1

55 24.3 19.4 29.0

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.371 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

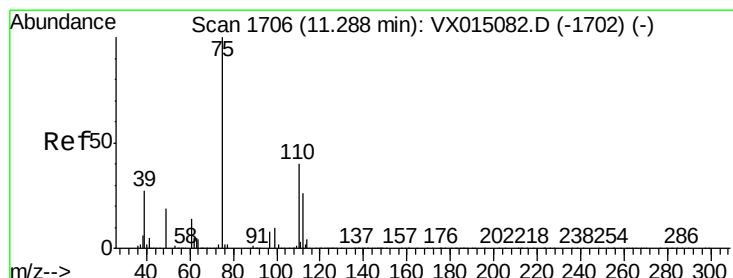
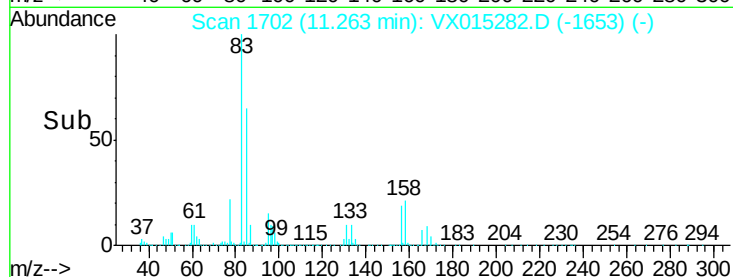
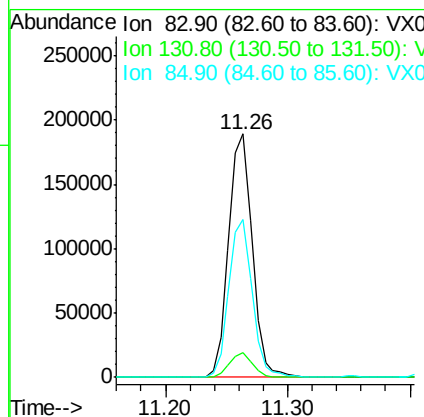
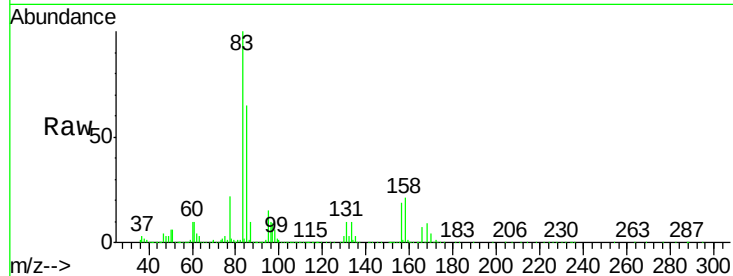
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	252301
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	64.5	31.9	95.9

Manual Integrations
APPROVED

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3/17/2020 12:11:23 PM



#76

1,2,3-Trichloropropane

Concen: 45.010 ug/l m

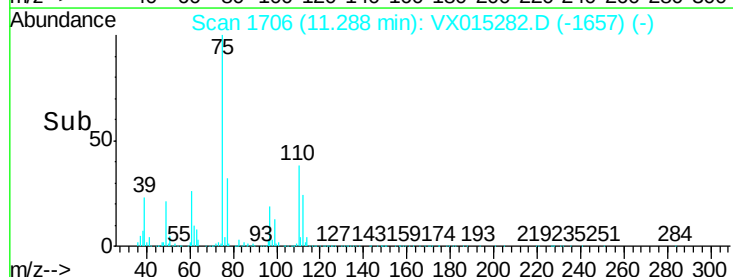
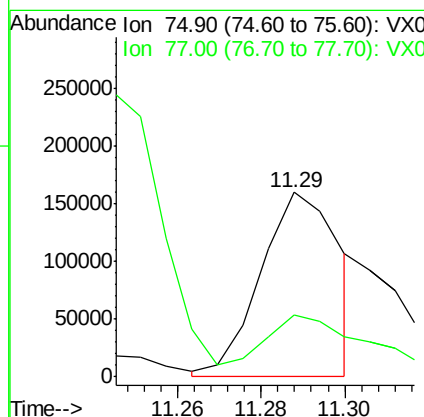
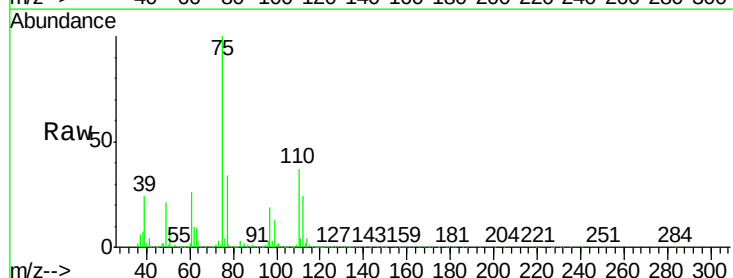
RT: 11.29 min Scan# 1706

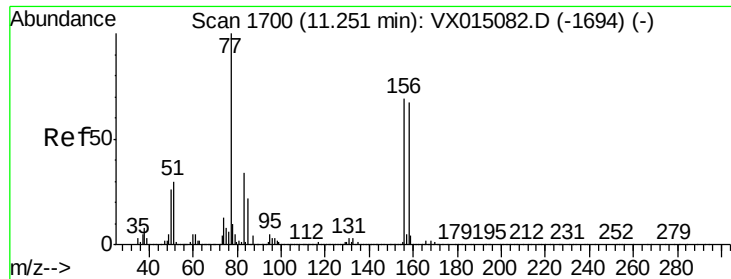
Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	75	Resp:	211233
Ion Ratio	Lower	Upper	
75	100		
77	44.6	22.6	67.8





#77

Bromobenzene

Concen: 50.107 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

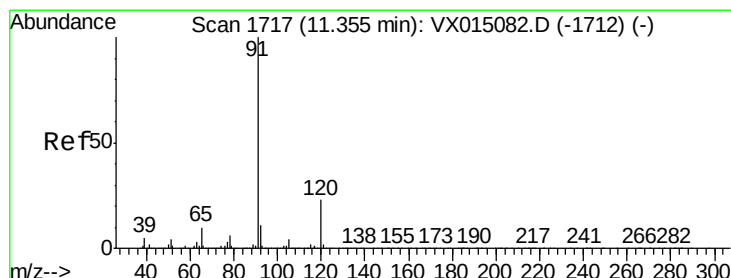
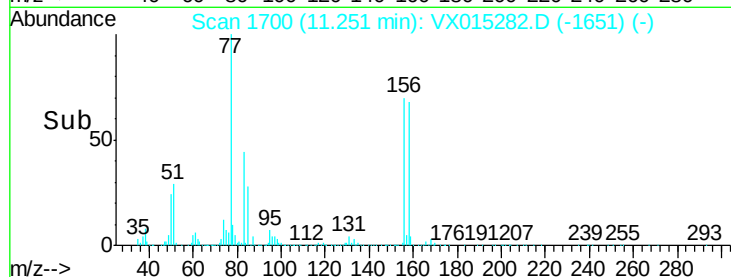
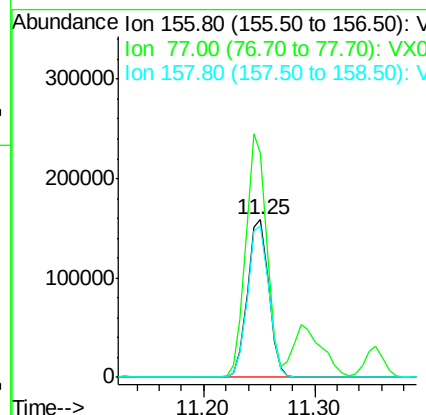
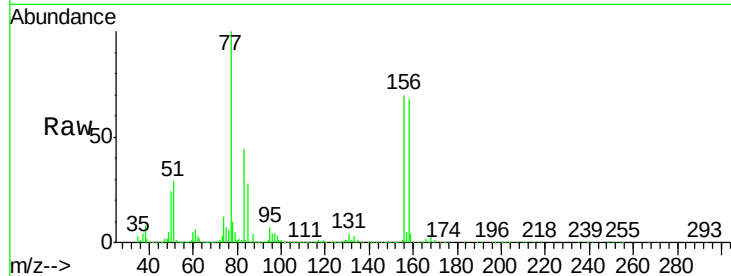
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	209877
Ion Ratio	Lower	Upper	
156	100		
77	151.8	75.3	225.9
158	97.1	48.5	145.6

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#78

n-propylbenzene

Concen: 55.472 ug/l

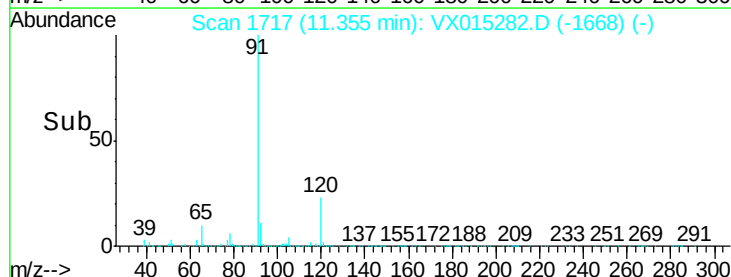
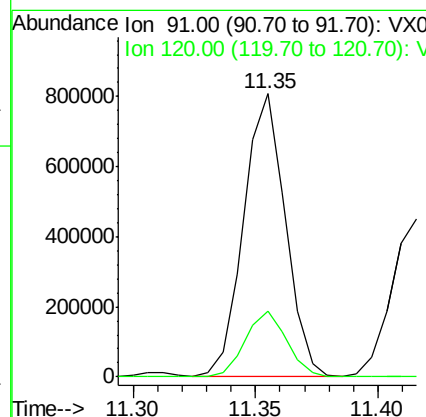
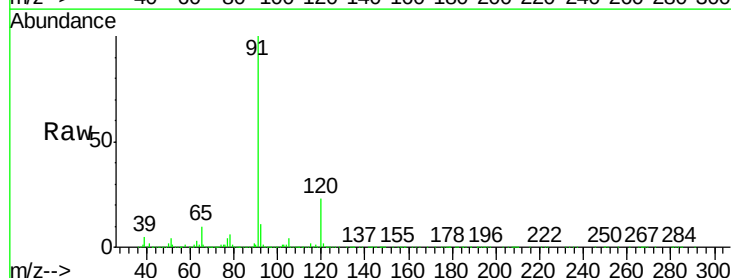
RT: 11.35 min Scan# 1717

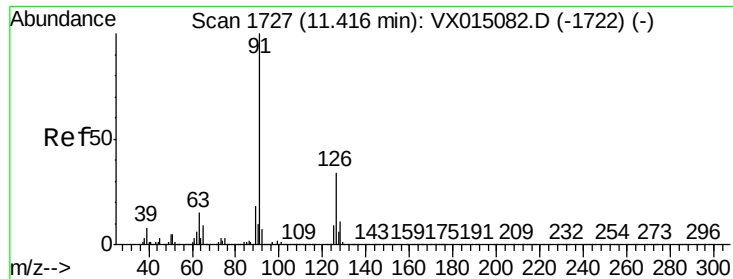
Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion:	91	Resp:	952492
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 54.089 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 554646

Ion Ratio Lower Upper

91 100

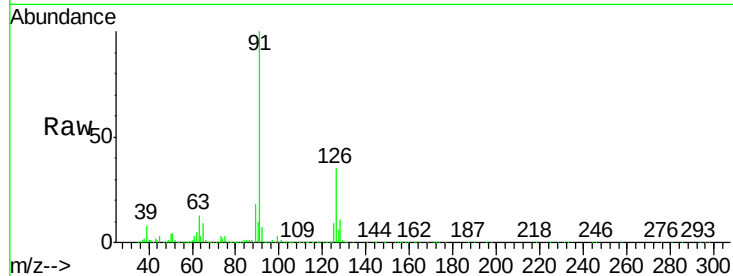
126 34.3 17.3 52.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX015082.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX015082.D (-1722) (-)

800000

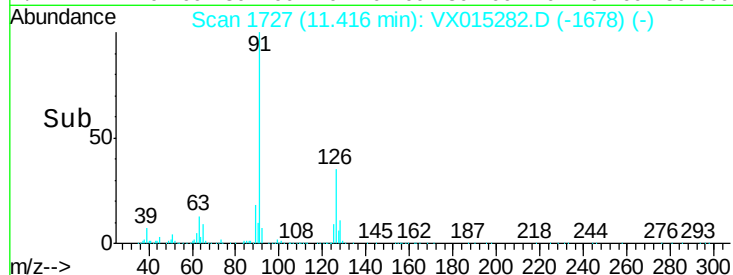
600000

400000

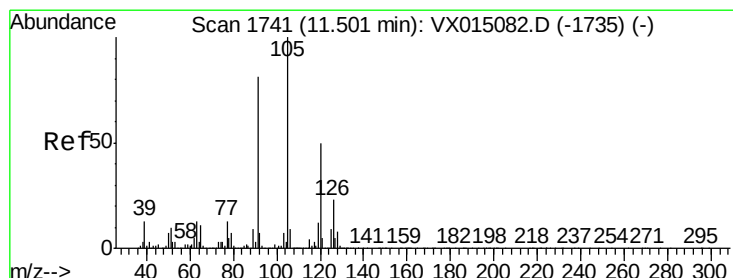
200000

0

11.35 11.40 11.45



Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 54.411 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015282.D

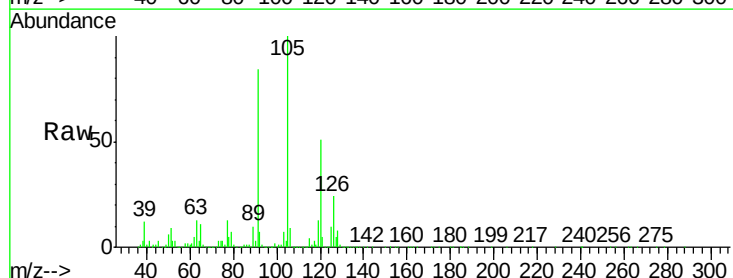
Acq: 16 Mar 2020 10:11

Tgt Ion: 105 Resp: 680766

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VX015082.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX015082.D (-1735) (-)

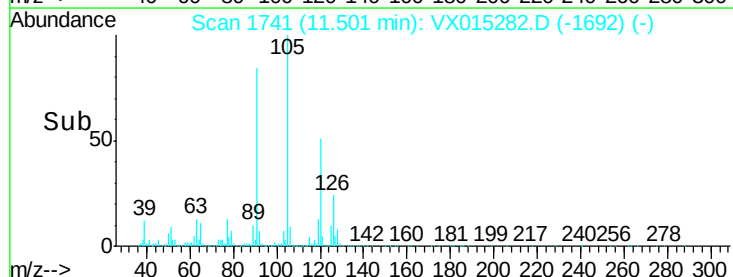
600000

400000

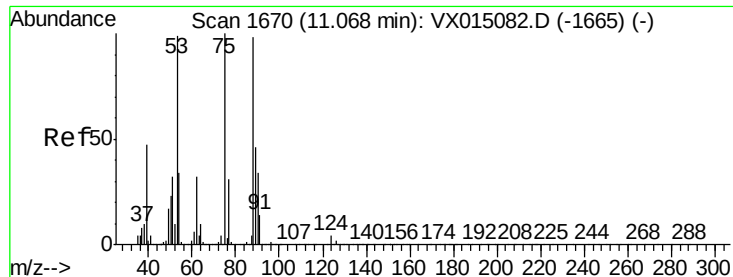
200000

0

11.40 11.50 11.60



Time--> 11.40 11.50 11.60



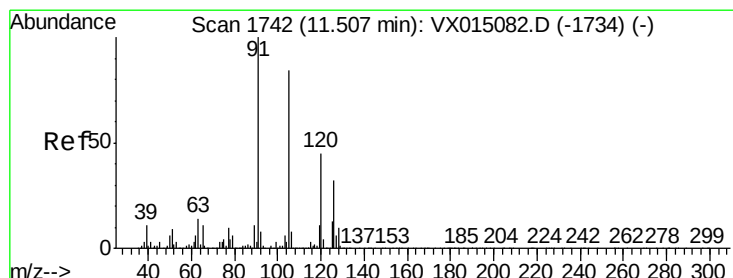
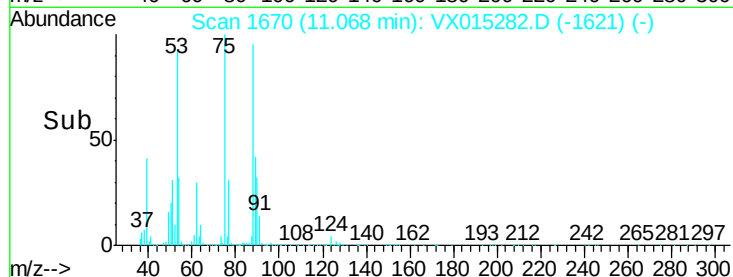
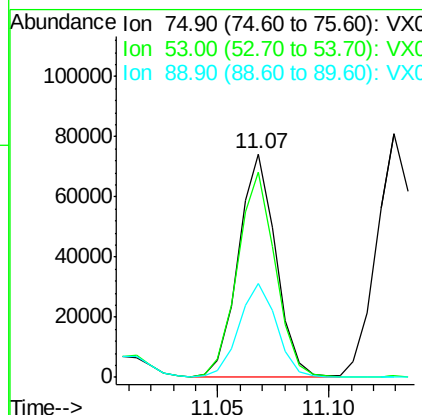
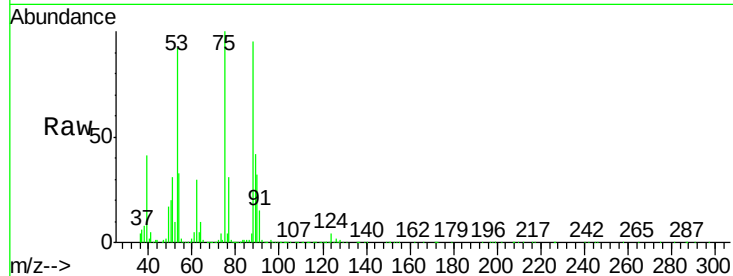
#81
trans-1,4-Dichloro-2-butene
Concen: 52.673 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	77.9	116.9
89	42.6	36.2	54.2

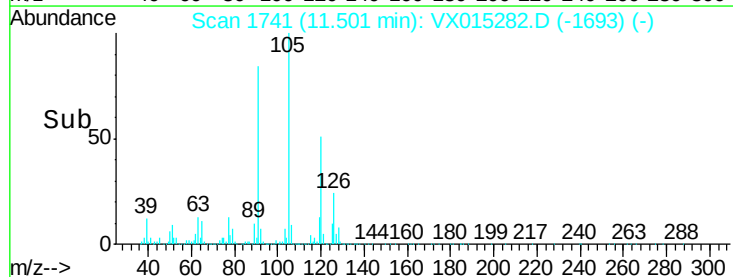
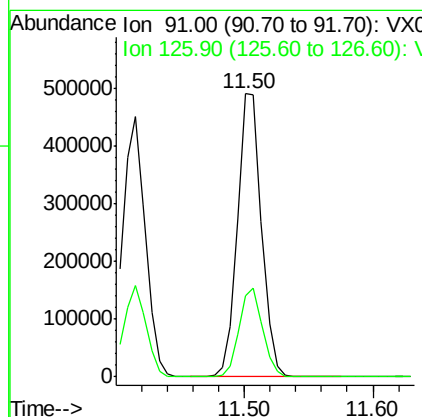
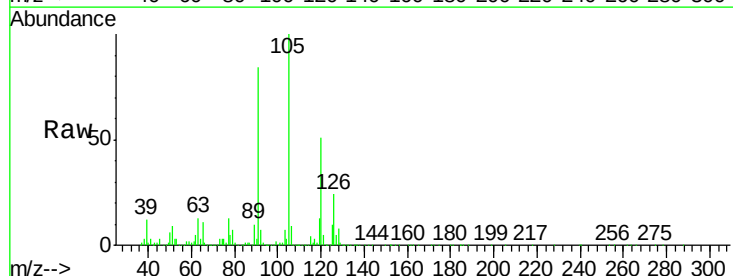
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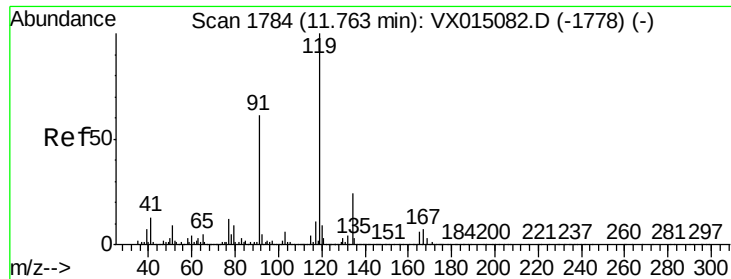
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.585 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.2





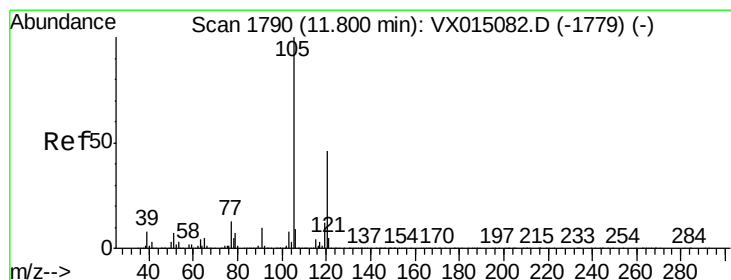
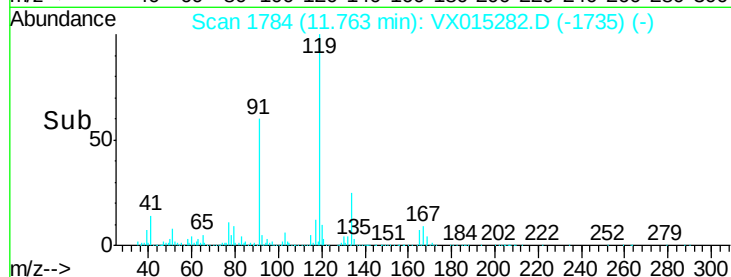
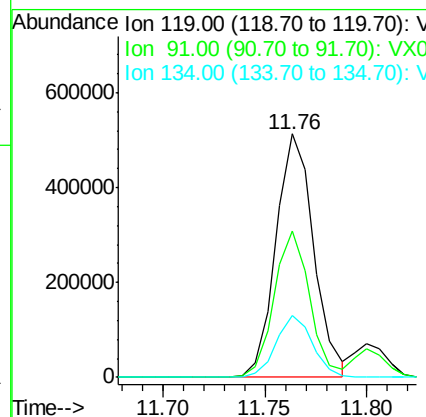
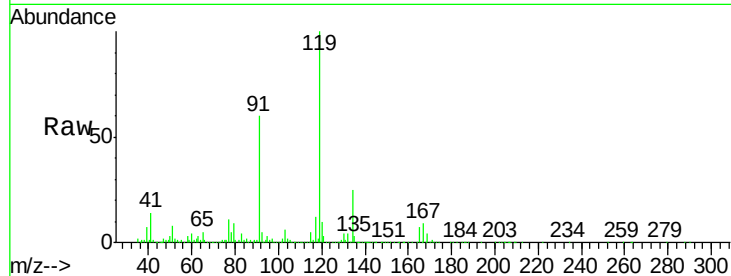
#83
 tert-Butylbenzene
 Concen: 54.867 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	663770		
91	56.8	28.5	85.6	
134	24.5	11.9	35.7	

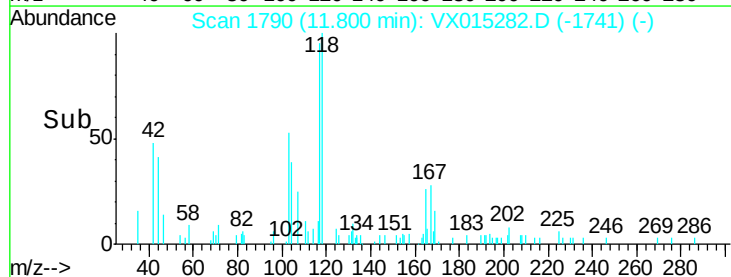
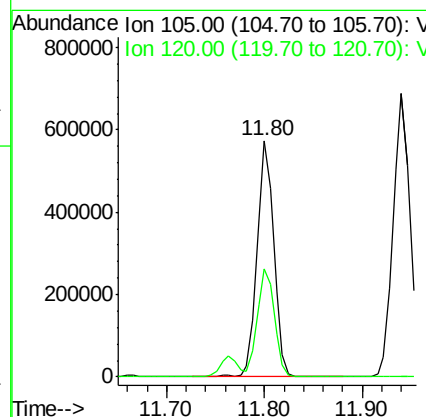
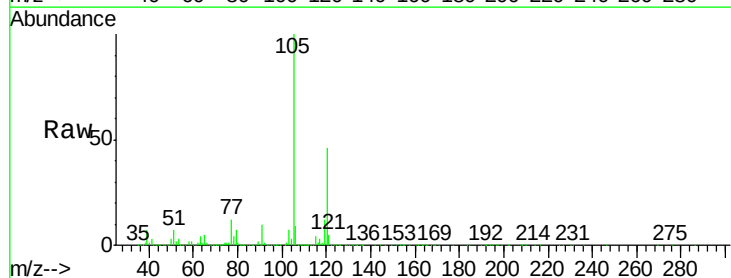
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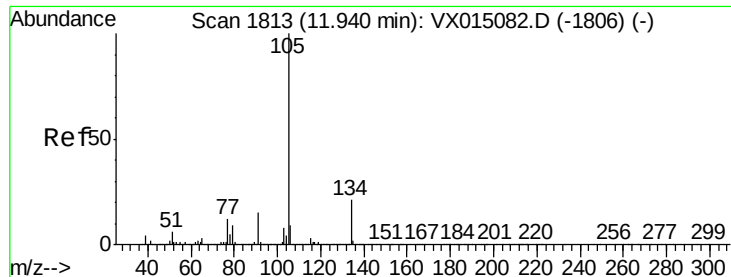
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.405 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	683823		
120	46.1	22.9	68.5	





#85

sec-Butylbenzene

Concen: 56.199 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 820737

Ion Ratio Lower Upper

105 100

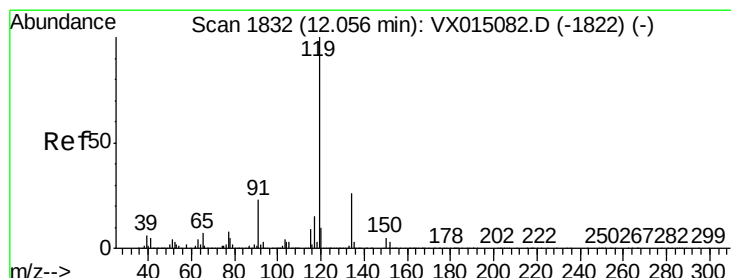
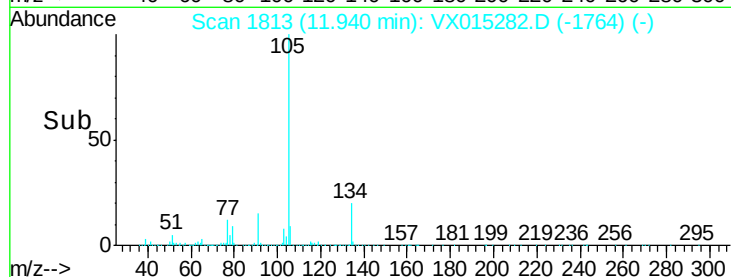
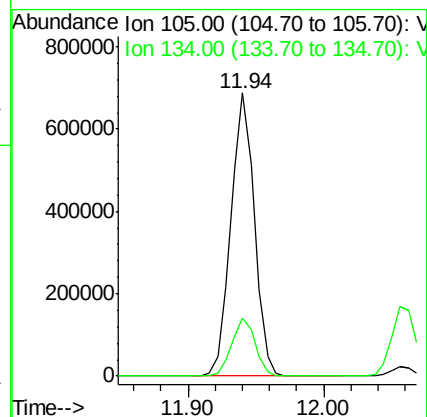
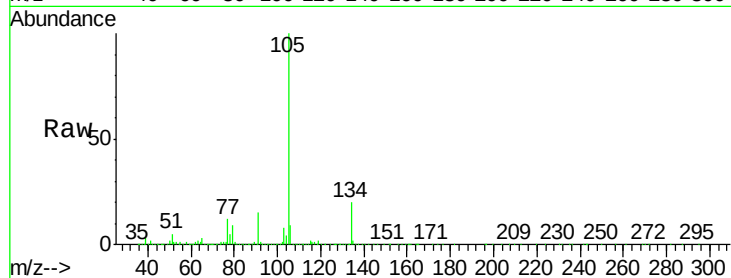
134 20.6 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 57.751 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

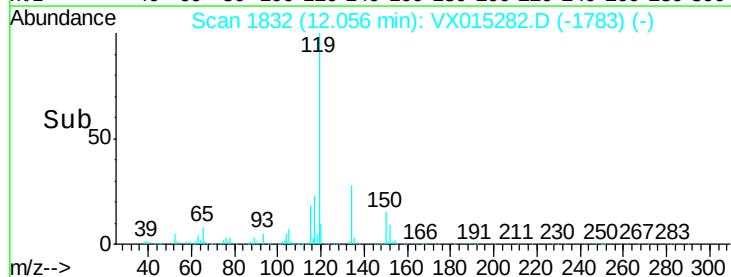
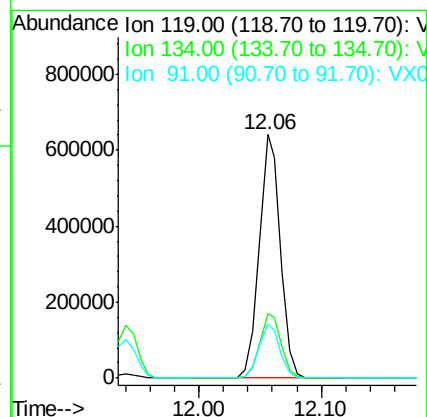
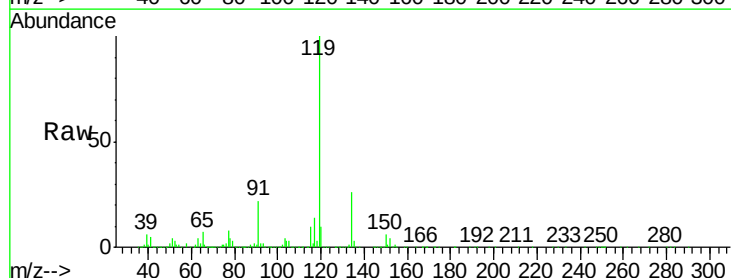
Tgt Ion:119 Resp: 777033

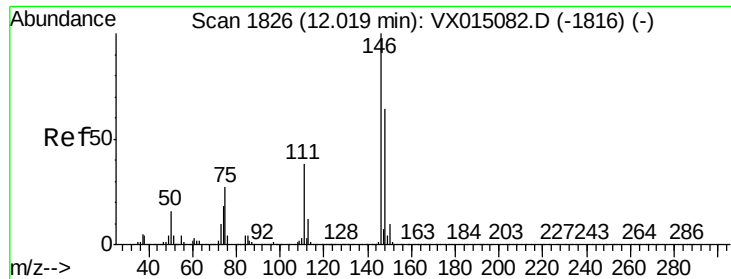
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 53.408 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

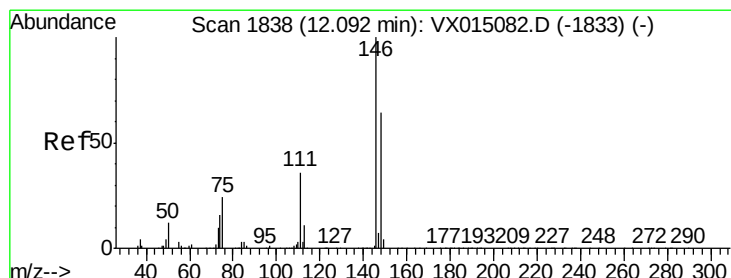
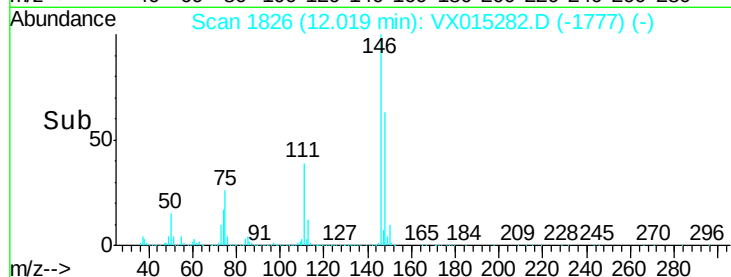
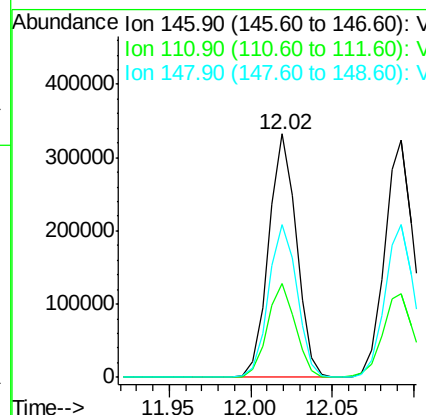
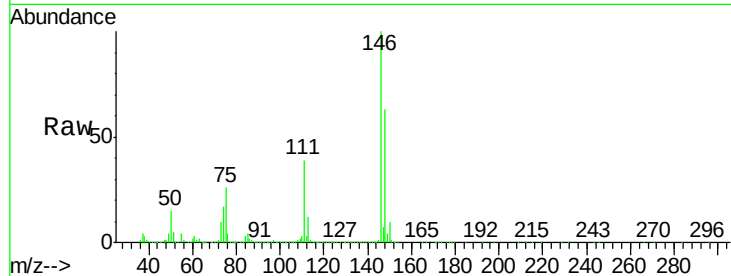
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	64.4	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.611 ug/l

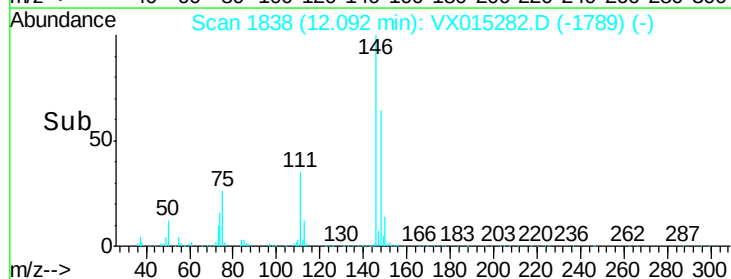
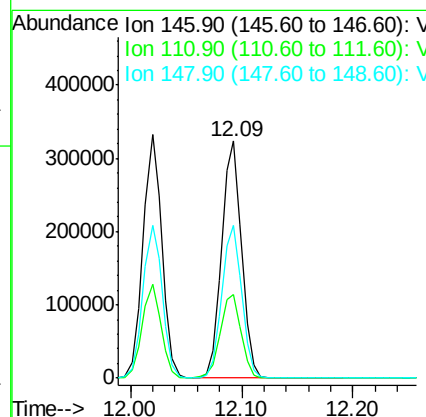
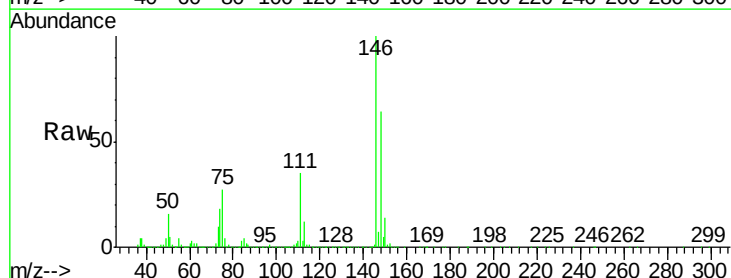
RT: 12.09 min Scan# 1838

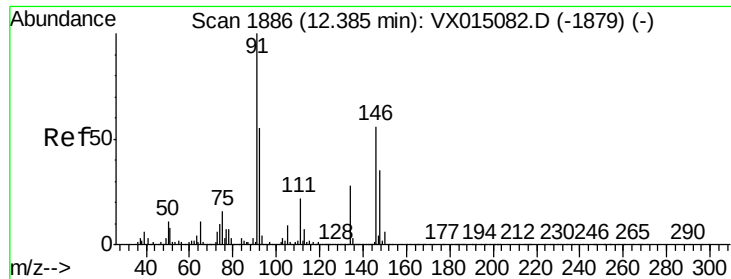
Delta R.T. 0.00 min

Lab File: VX015282.D

Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.4	32.5	97.4





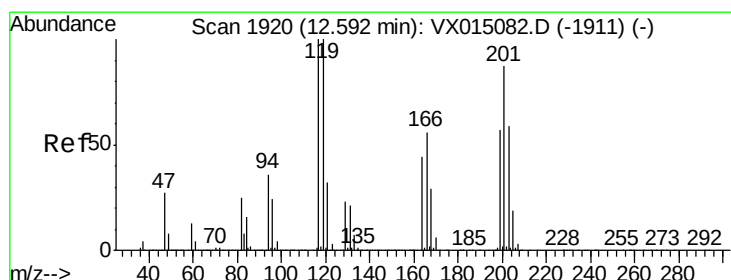
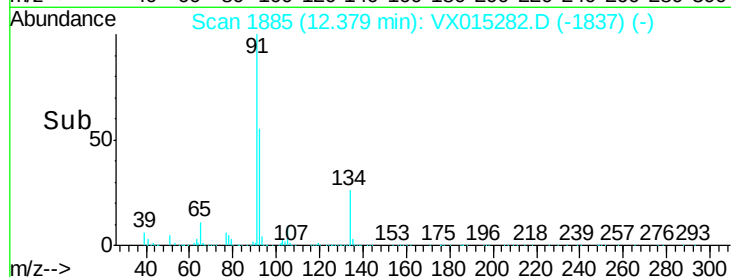
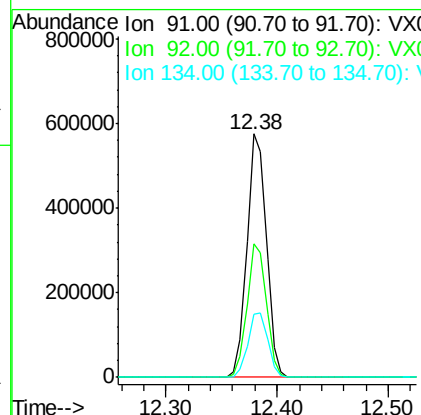
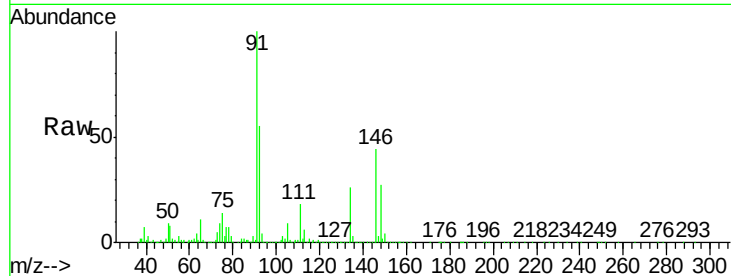
#89
n-Butylbenzene
Concen: 58.120 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	695522		
92	55.0		27.2	81.6
134	27.1		13.5	40.5

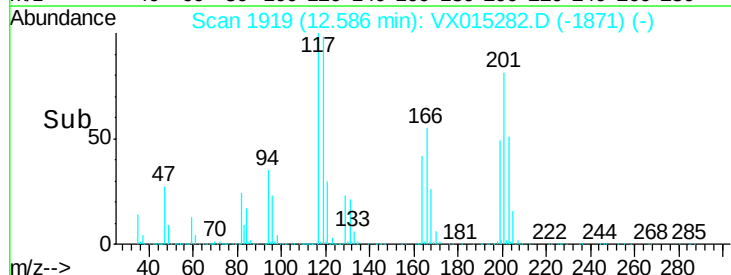
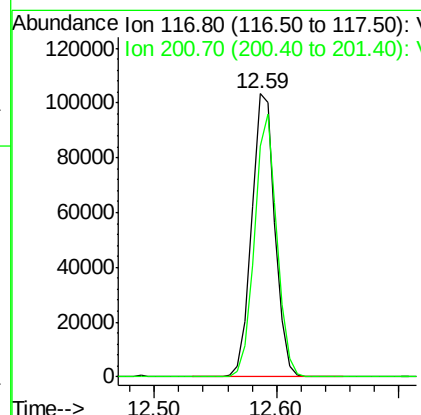
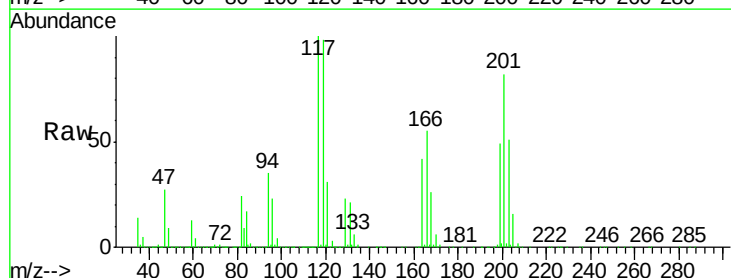
Manual Integrations
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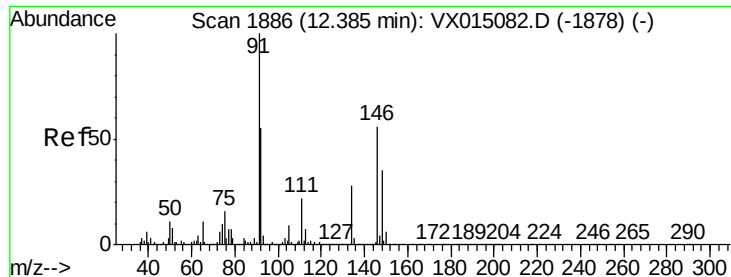
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#90
Hexachloroethane
Concen: 53.564 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	136252		
201	89.4		43.5	130.7





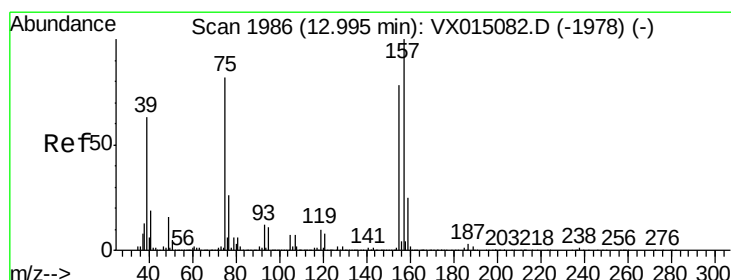
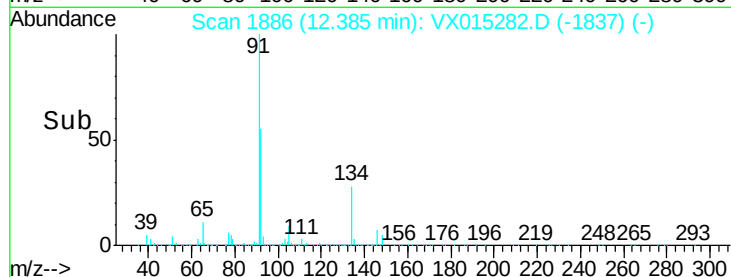
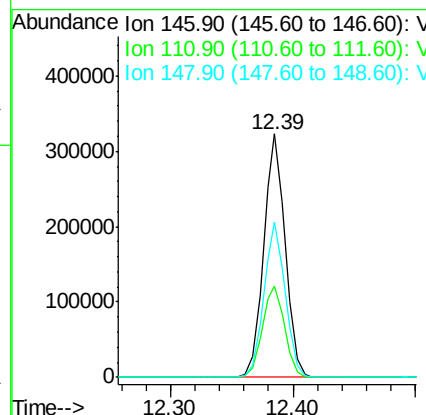
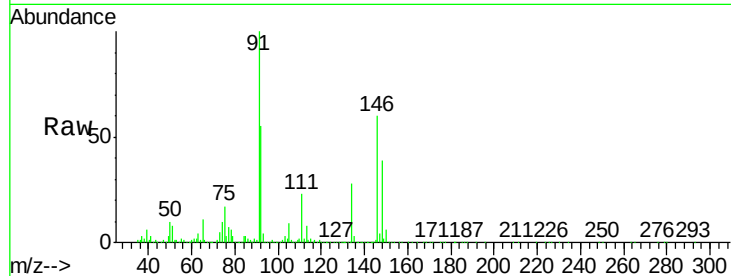
#91
 1,2-Dichlorobenzene
 Concen: 54.016 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	395430		
111	38.9	19.9	59.7	
148	63.3	32.3	96.8	

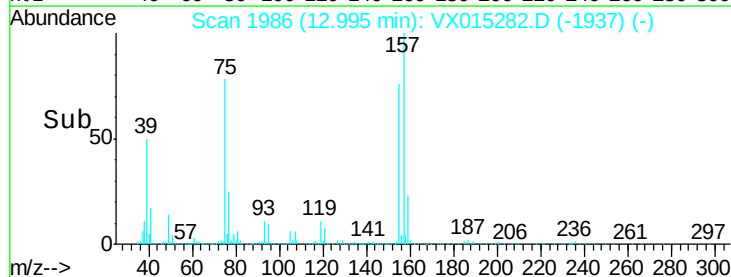
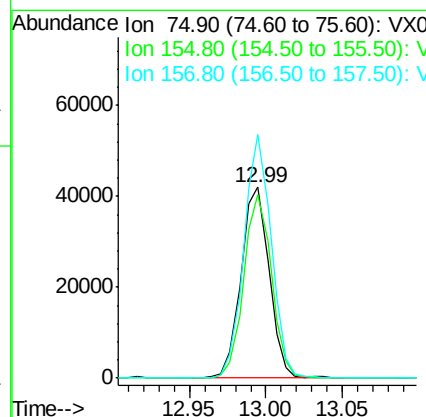
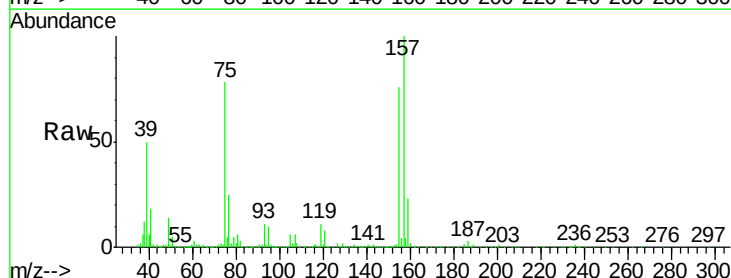
Manual Integrations
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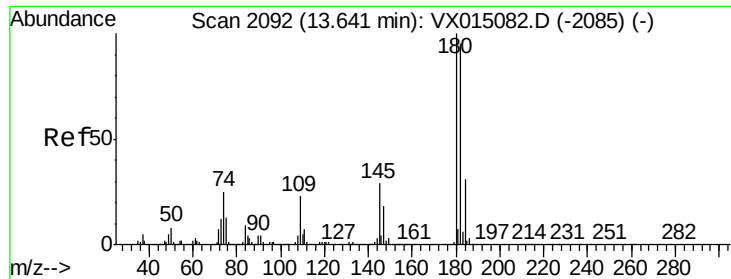
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.599 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52756		
155	96.9	46.6	139.7	
157	125.8	59.2	177.5	





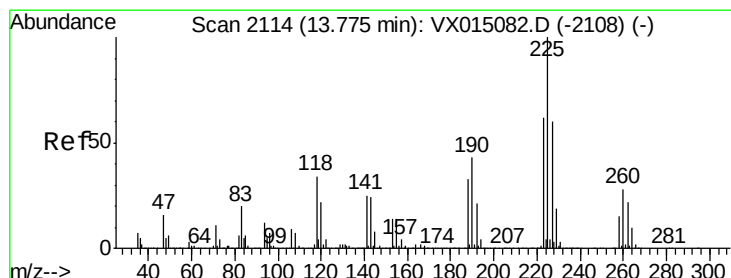
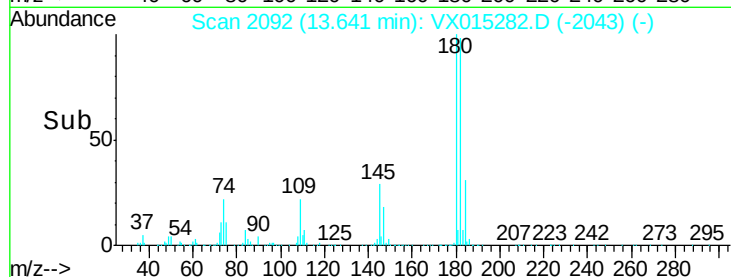
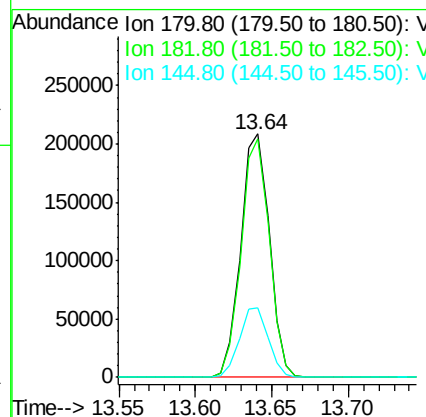
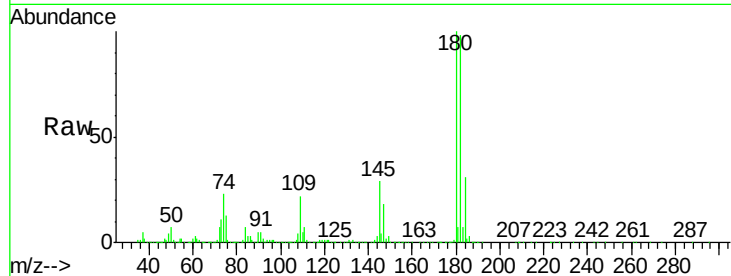
#93
 1,2,4-Trichlorobenzene
 Concen: 53.204 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	270356		
182	96.6	47.6	142.8	
145	29.2	14.1	42.2	

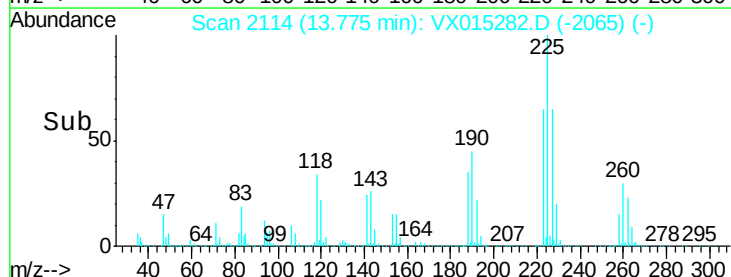
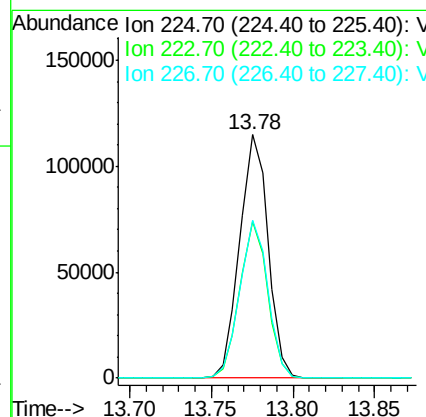
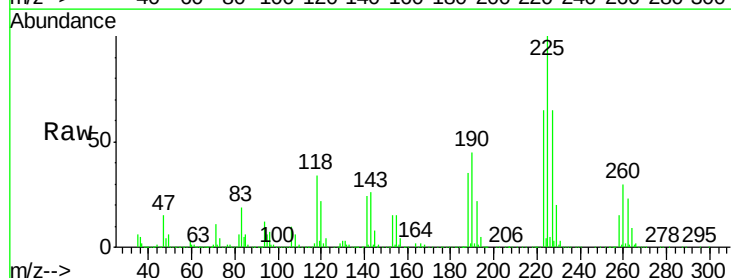
Manual Integrations
 APPROVED

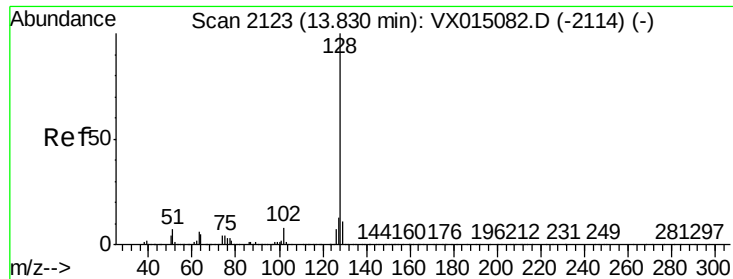
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 53.435 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015282.D
 Acq: 16 Mar 2020 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139335		
223	64.0	31.3	93.9	
227	64.5	31.1	93.2	





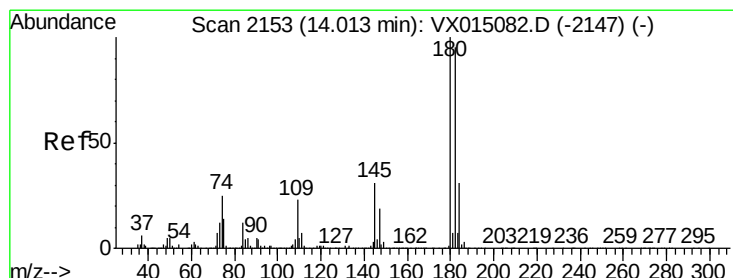
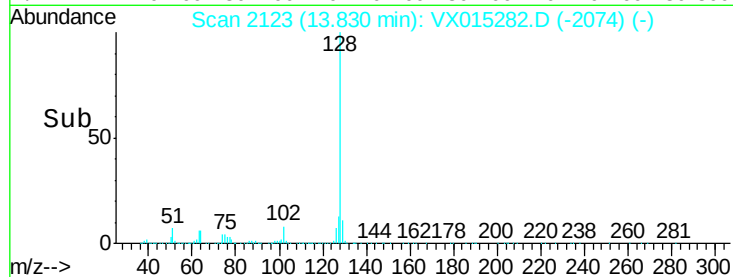
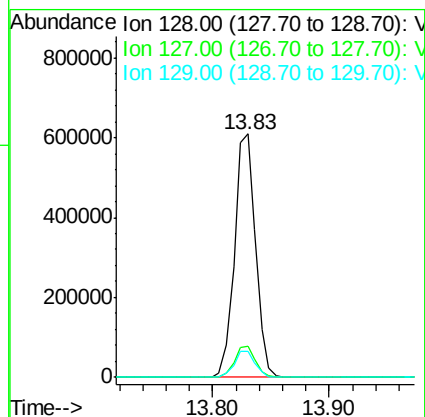
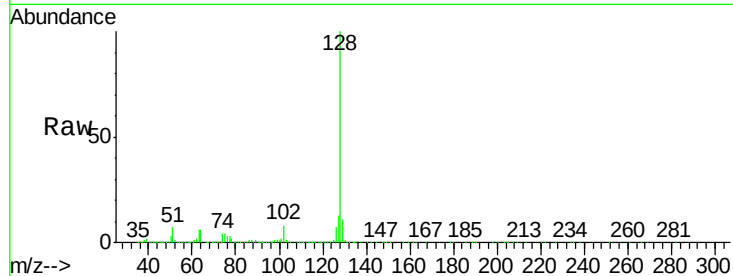
#95
Naphthalene
Concen: 49.144 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	764939
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/17/2020 12:11:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.384 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015282.D
Acq: 16 Mar 2020 10:11

Tgt Ion:	180	Resp:	280799
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.8	143.4
145	29.3	15.1	45.3

