

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015271.D
 Acq On : 13 Mar 2020 19:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 3/16/2020 2:07:30 PM

Quant Time: Mar 16 09:39:05 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	244237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	364647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	185713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127796	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	
35) Dibromofluoromethane	5.49	113	111103	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	422966	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	157509	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92092	43.060	ug/l	98
3) Chloromethane	1.31	50	120032	39.621	ug/l	99
4) Vinyl Chloride	1.40	62	126195	41.080	ug/l	97
5) Bromomethane	1.63	94	78982	41.820	ug/l	96
6) Chloroethane	1.72	64	78766	42.744	ug/l	99
7) Trichlorofluoromethane	1.92	101	164770	45.077	ug/l	99
8) Diethyl Ether	2.18	74	73644	44.482	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105936	46.065	ug/l	98
10) Methyl Iodide	2.50	142	113610	43.726	ug/l	100
11) Tert butyl alcohol	3.03	59	135873	270.273	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107232	45.180	ug/l	99
13) Acrolein	2.28	56	112856	238.878	ug/l	100
14) Allyl chloride	2.72	41	208852	50.466	ug/l	92
15) Acrylonitrile	3.13	53	337010	269.180	ug/l	99
16) Acetone	2.43	43	266078	226.747	ug/l	98
17) Carbon Disulfide	2.56	76	279852	42.458	ug/l	99
18) Methyl Acetate	2.76	43	152607	53.186	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	370290	49.926	ug/l	98
20) Methylene Chloride	2.85	84	124919	45.488	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	117781	46.475	ug/l	97
22) Diisopropyl ether	3.84	45	426069	51.675	ug/l	96
23) Vinyl Acetate	3.80	43	1764346	260.320	ug/l	99
24) 1,1-Dichloroethane	3.69	63	220931	48.279	ug/l	99
25) 2-Butanone	4.65	43	457047	266.044	ug/l	98
26) 2,2-Dichloropropane	4.57	77	157015	43.222	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	137246	48.273	ug/l	100
28) Bromochloromethane	5.00	49	103504	49.671	ug/l	97
29) Tetrahydrofuran	5.11	42	302301	272.982	ug/l	96
30) Chloroform	5.20	83	214182	48.021	ug/l	99
31) Cyclohexane	5.57	56	199084	48.774	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	181021	48.961	ug/l	98
36) 1,1-Dichloropropene	5.79	75	162538	48.217	ug/l	99
37) Ethyl Acetate	4.82	43	179183	57.302	ug/l	99
38) Carbon Tetrachloride	5.78	117	156831	49.287	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	194059	49.300	ug/l	99
40) Benzene	6.14	78	499486	49.942	ug/l	98
41) Methacrylonitrile	5.03	41	102689	54.673	ug/l	98
42) 1,2-Dichloroethane	6.19	62	168547	49.074	ug/l	100
43) Isopropyl Acetate	6.44	43	297804	54.137	ug/l	99
44) Trichloroethene	7.21	130	143231	51.424	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137073	52.950	ug/l	99
46) Dibromomethane	7.65	93	84260	49.953	ug/l	97
47) Bromodichloromethane	7.89	83	169738	50.886	ug/l	99
48) Methyl methacrylate	7.76	41	148102	52.898	ug/l	97
49) 1,4-Dioxane	7.73	88	65955	1089.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	927618	285.204	ug/l	100
52) Toluene	8.78	92	315689	51.624	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188471	53.084	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	208676	51.990	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	128741	51.149	ug/l	98
56) Ethyl methacrylate	9.17	69	203471	56.675	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216600	51.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	518077	264.890	ug/l	99
59) 2-Hexanone	9.48	43	693965	287.871	ug/l	98
60) Dibromochloromethane	9.57	129	137699	52.080	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133168	50.372	ug/l	98
64) Tetrachloroethene	9.33	164	139727	49.456	ug/l	98
65) Chlorobenzene	10.14	112	342763	49.963	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	128781	49.783	ug/l	99
67) Ethyl Benzene	10.25	91	601305	51.616	ug/l	98
68) m/p-Xylenes	10.36	106	460890	103.986	ug/l	99
69) o-Xylene	10.70	106	221715	52.247	ug/l	99
70) Styrene	10.71	104	392679	53.969	ug/l	99
71) Bromoform	10.85	173	108181	53.929	ug/l	99
73) Isopropylbenzene	11.01	105	594140	50.081	ug/l	100
74) N-amyl acetate	10.89	43	261488	52.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192796	48.764	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159739m	43.121	ug/l	
77) Bromobenzene	11.25	156	160056	48.411	ug/l	98
78) n-propylbenzene	11.35	91	677706	50.002	ug/l	100
79) 2-Chlorotoluene	11.42	91	398178	49.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	505173	51.152	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	63608	48.731	ug/l	97
82) 4-Chlorotoluene	11.51	91	461915	48.304	ug/l	100
83) tert-Butylbenzene	11.76	119	486418	50.938	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	500835	50.481	ug/l	99
85) sec-Butylbenzene	11.94	105	591366	51.300	ug/l	99
86) p-Isopropyltoluene	12.06	119	541546	50.990	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284143	48.888	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	283221	47.199	ug/l	100
89) n-Butylbenzene	12.38	91	481576	50.982	ug/l	99
90) Hexachloroethane	12.59	117	95692	47.659	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	283345	49.035	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40826	51.567	ug/l	90

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VSTDCCC050EC

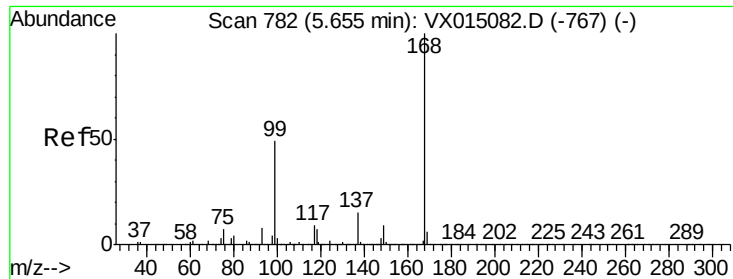
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	210871	52.572	ug/l	100
94) Hexachlorobutadiene	13.78	225	103093	50.087	ug/l	97
95) Naphthalene	13.83	128	609542	49.597	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	210788	52.671	ug/l	99

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



#1

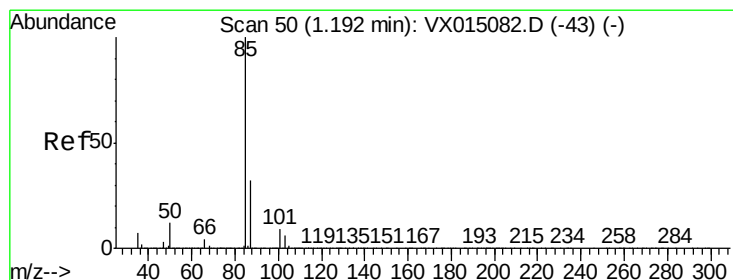
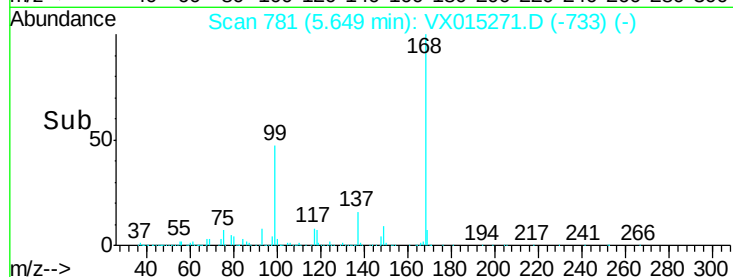
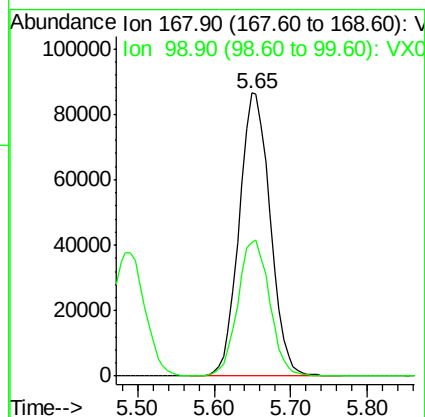
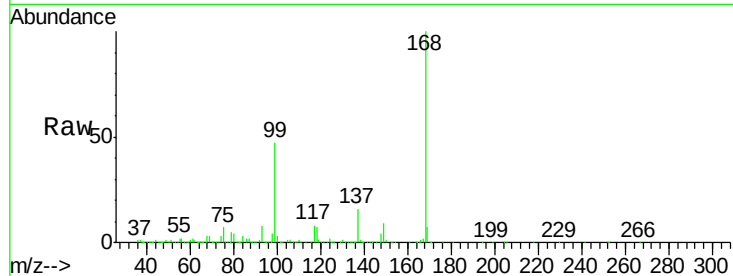
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.0	39.4	59.2

Manual Integrations
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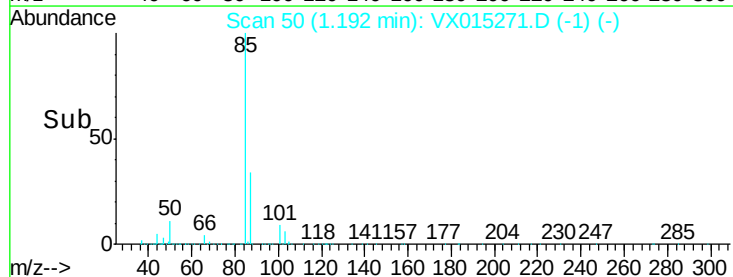
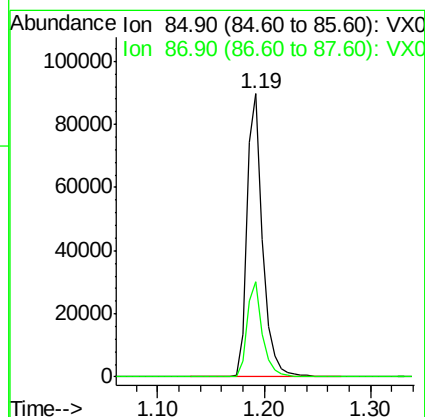
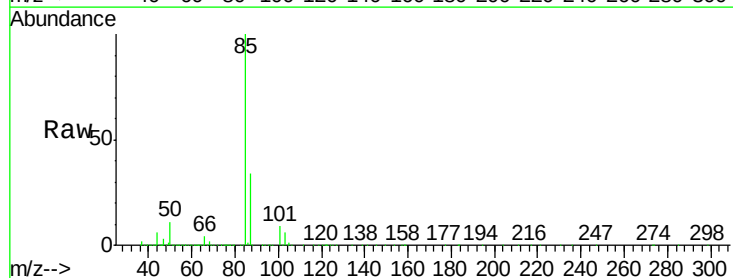
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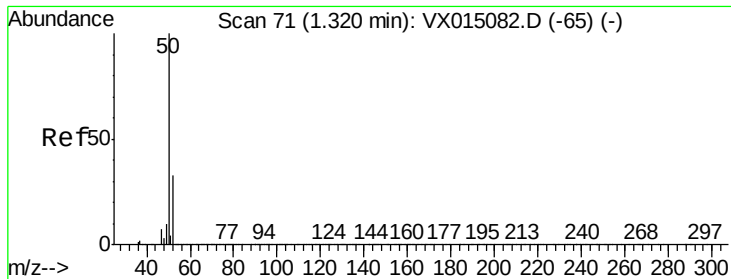


#2

Dichlorodifluoromethane
 Concen: 43.060 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.2	48.5





#3

Chloromethane

Concen: 39.621 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 120032

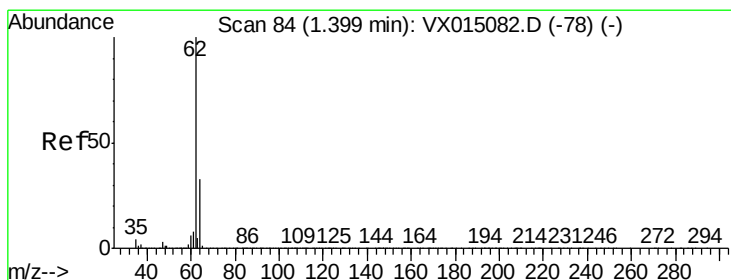
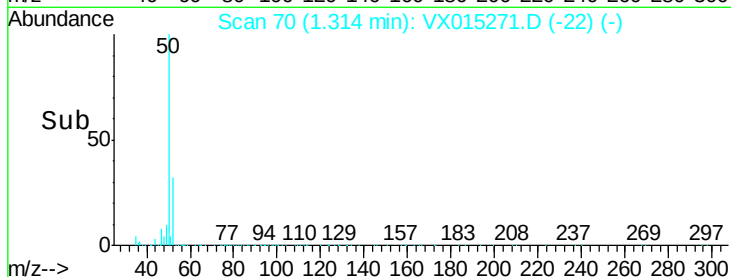
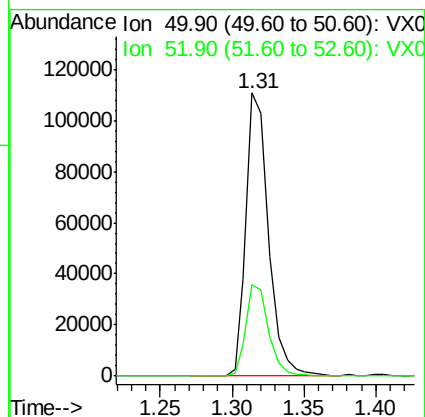
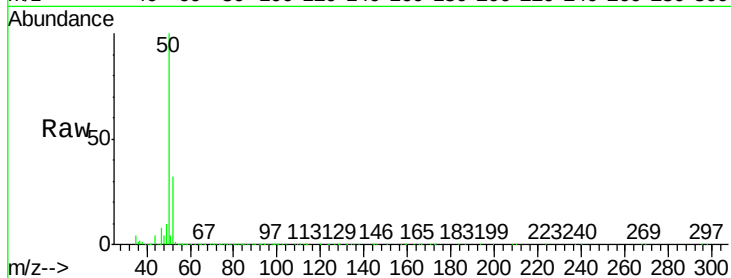
Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 41.080 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015271.D

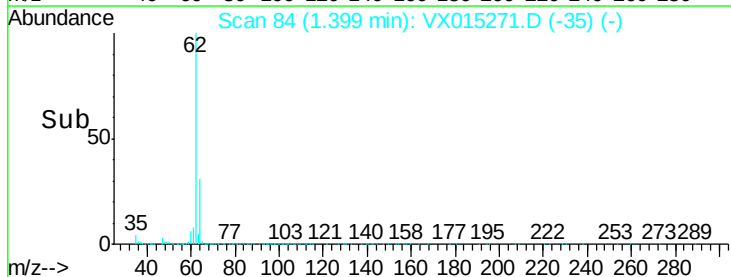
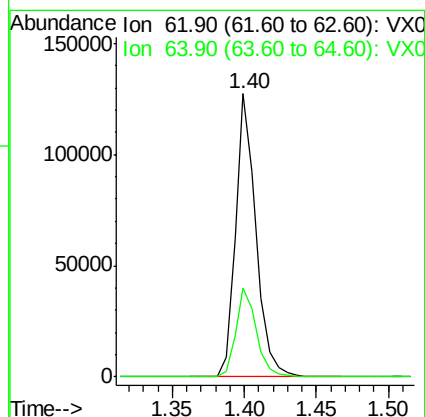
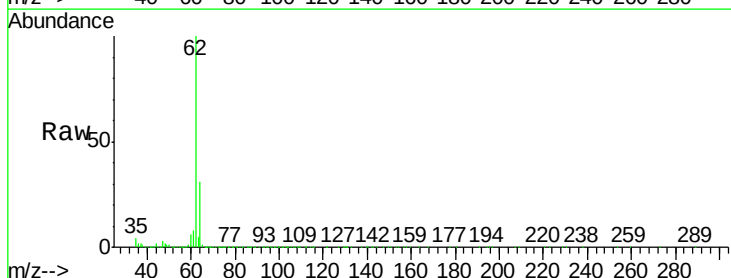
Acq: 13 Mar 2020 19:29

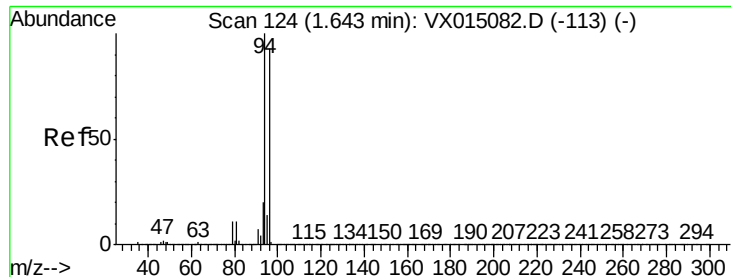
Tgt Ion: 62 Resp: 126195

Ion Ratio Lower Upper

62 100

64 31.0 26.1 39.1





#5

Bromomethane

Concen: 41.820 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 78982

Ion Ratio Lower Upper

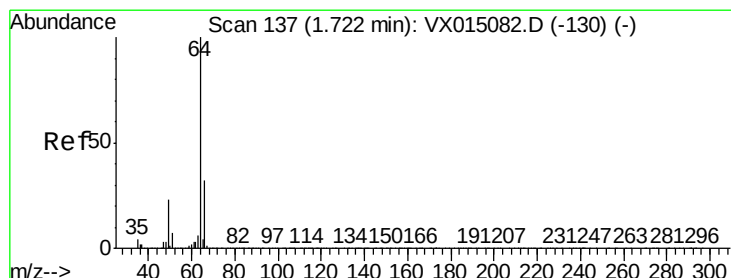
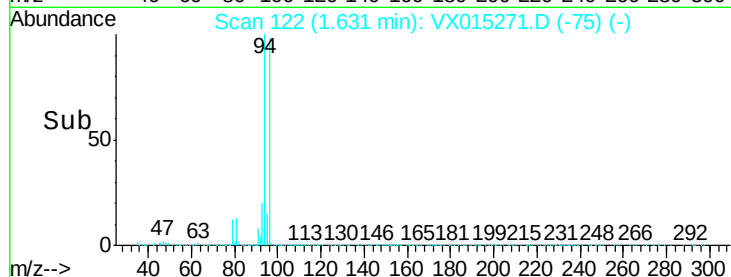
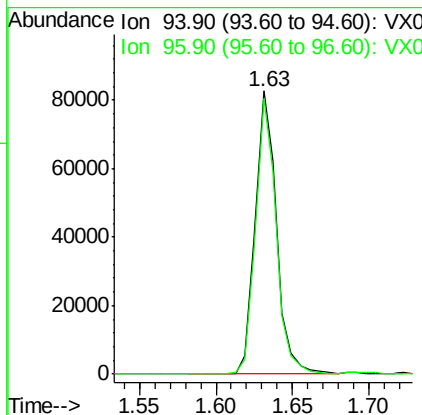
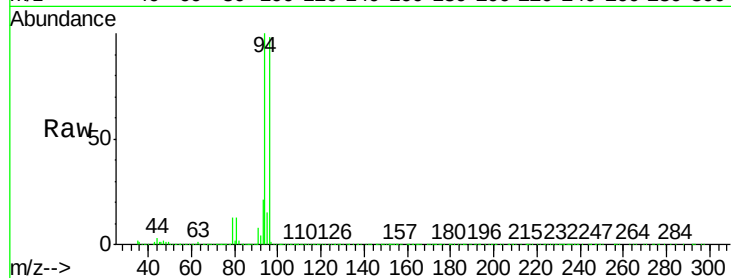
94 100

96 97.5 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 42.744 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015271.D

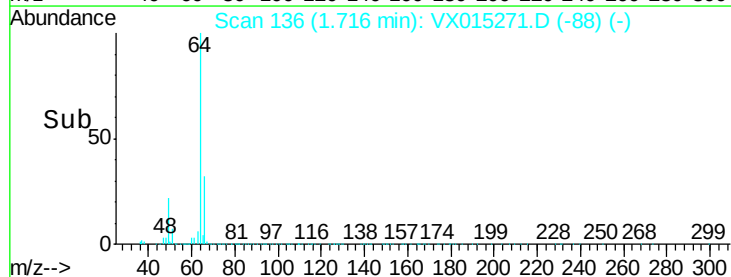
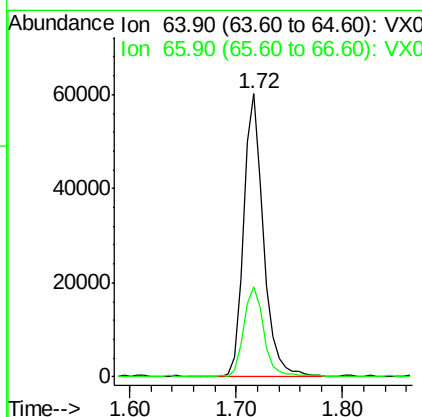
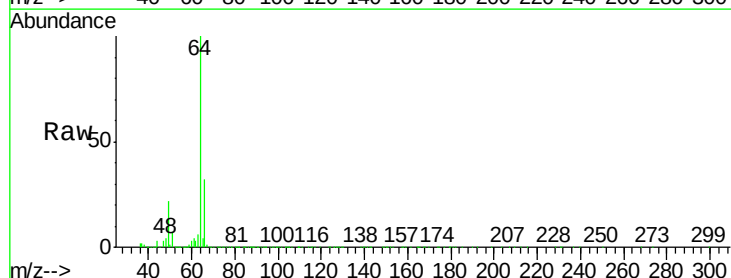
Acq: 13 Mar 2020 19:29

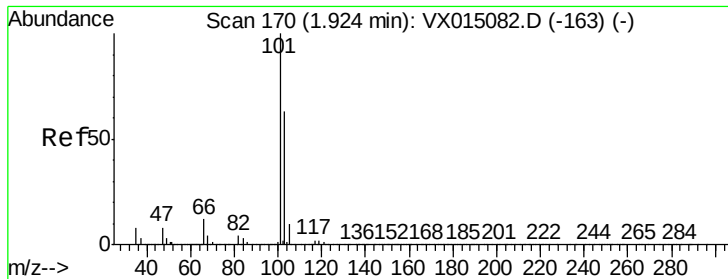
Tgt Ion: 64 Resp: 78766

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8





#7

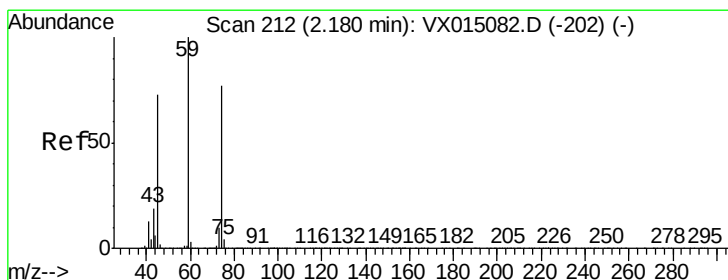
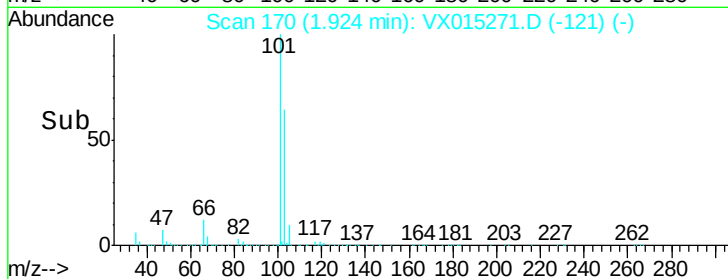
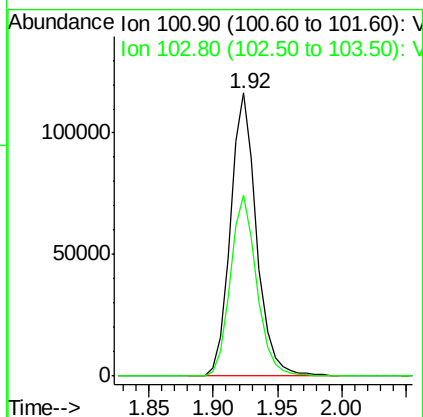
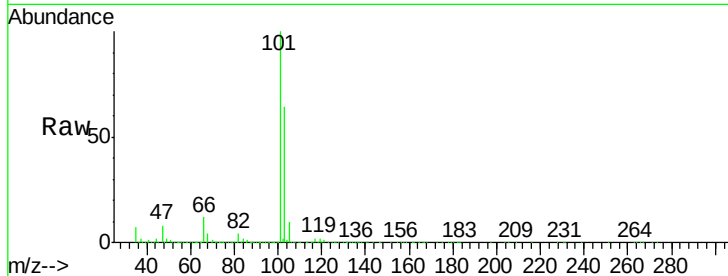
Trichlorofluoromethane
Concen: 45.077 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.4	75.6

Manual Integrations
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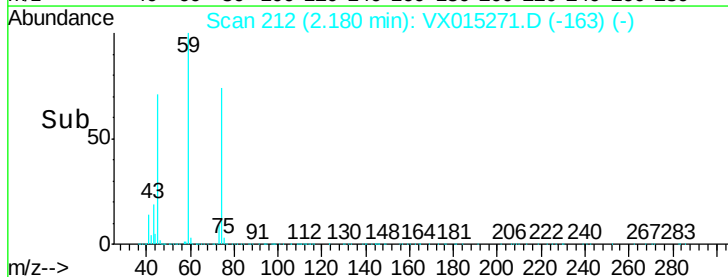
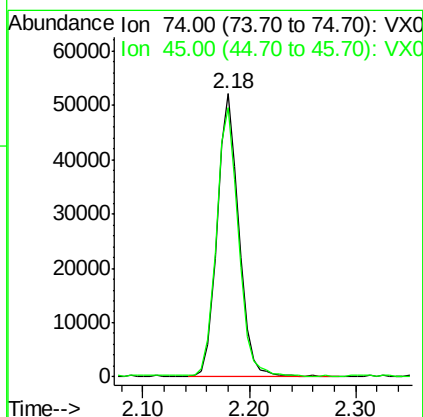
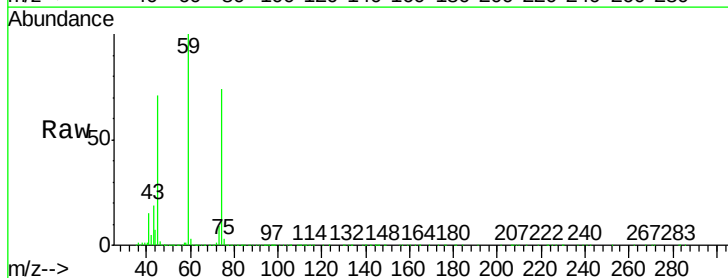
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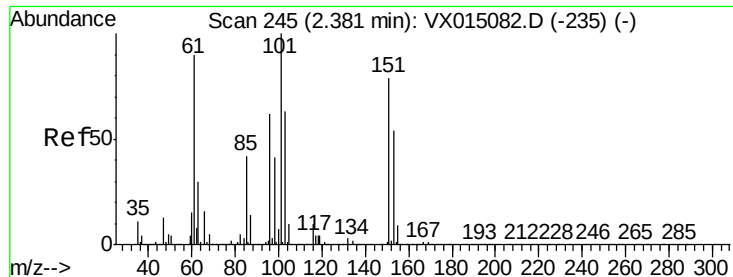


#8

Diethyl Ether
Concen: 44.482 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.065 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

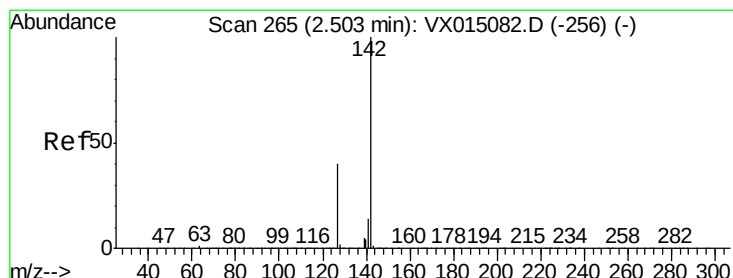
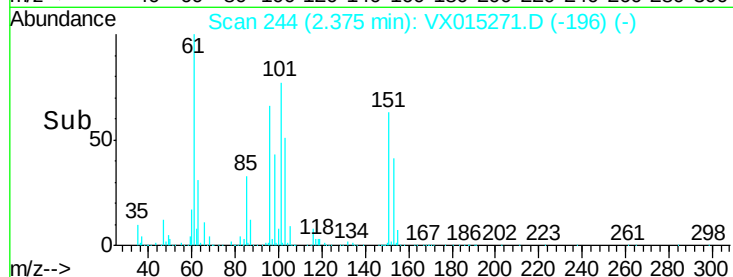
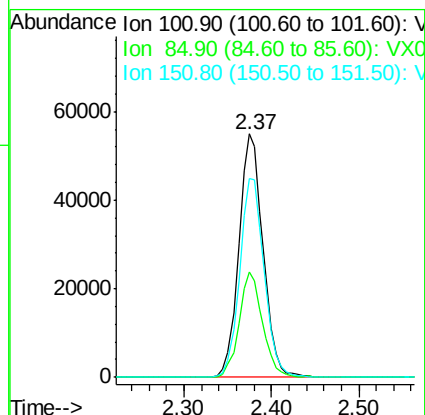
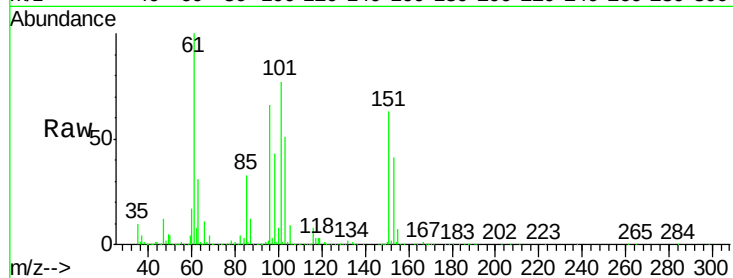
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	105936
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	82.5	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 43.726 ug/l

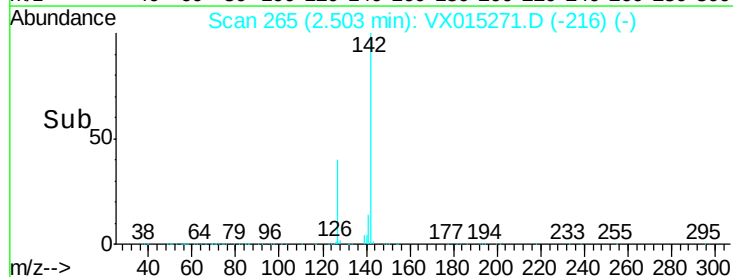
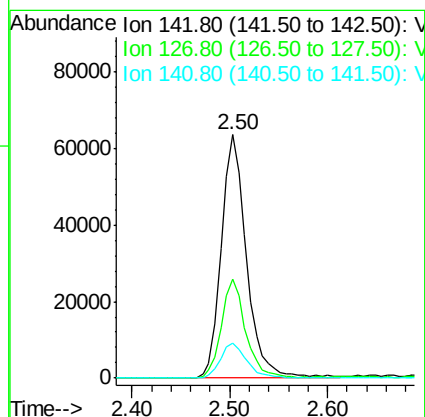
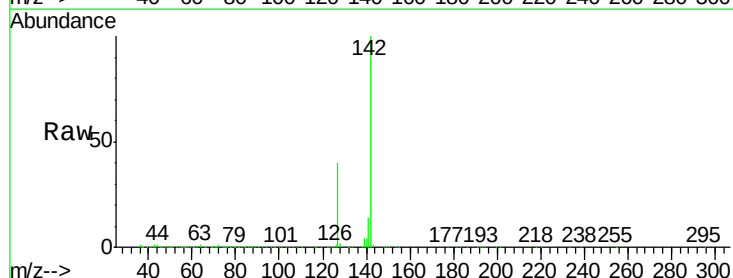
RT: 2.50 min Scan# 265

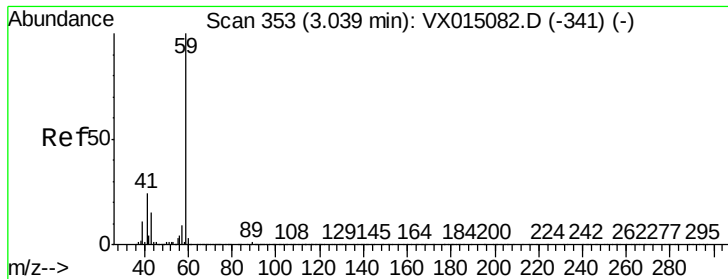
Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:	142	Resp:	113610
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.7	47.5
141	14.8	11.3	16.9





#11

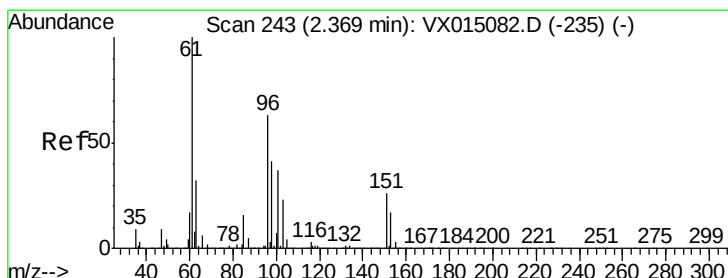
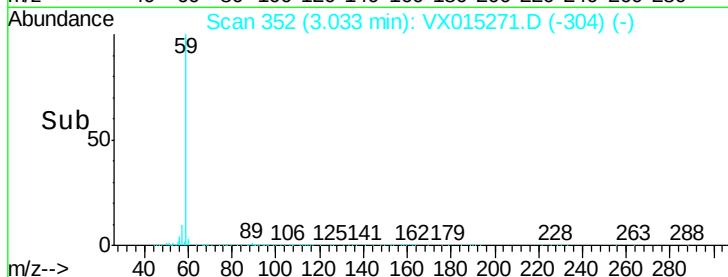
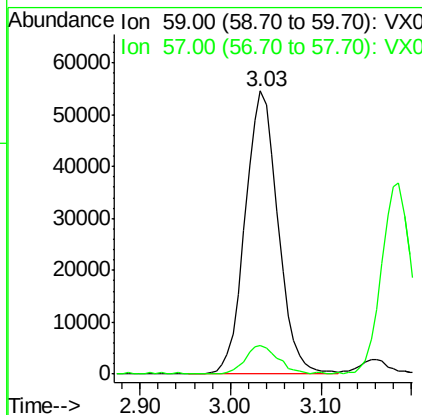
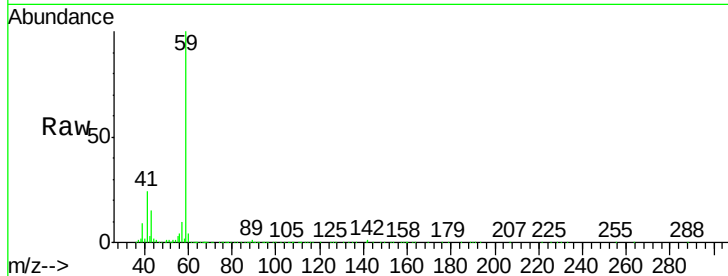
Tert butyl alcohol
Concen: 270.273 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

Manual Integrations
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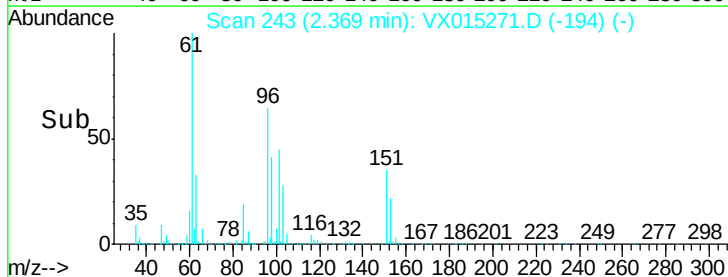
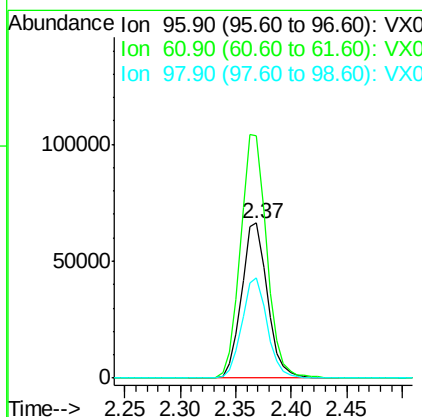
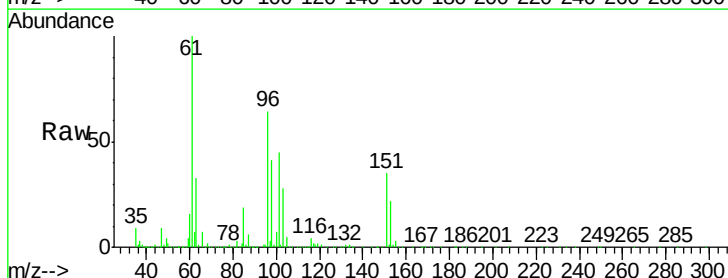
MMDadoda
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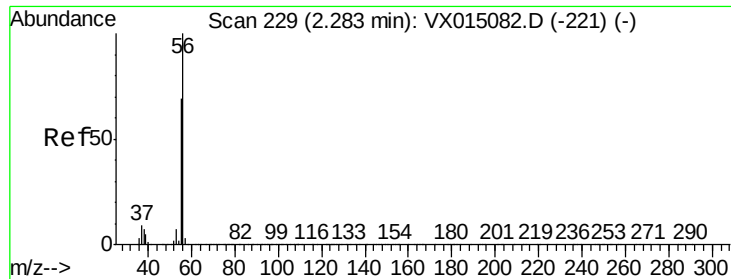


#12

1,1-Dichloroethene
Concen: 45.180 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	126.2	189.4
98	64.4	51.4	77.0





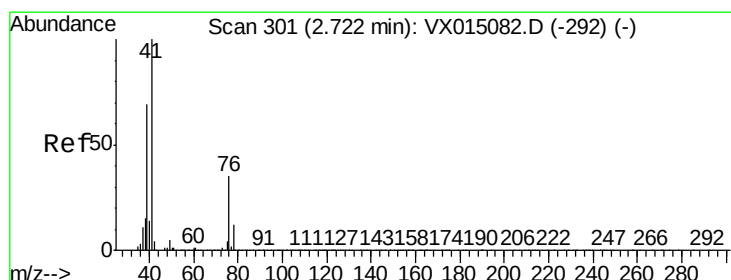
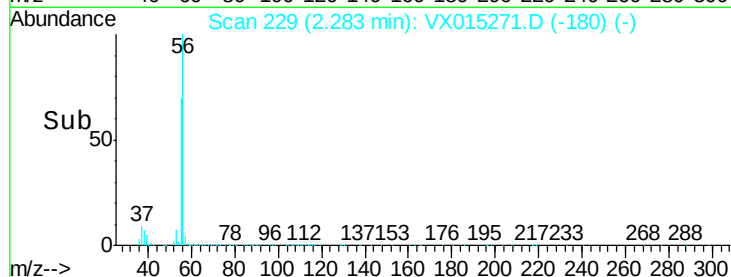
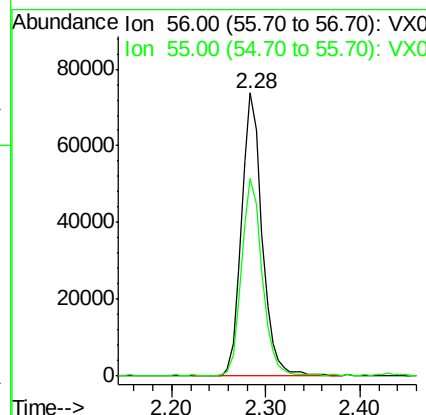
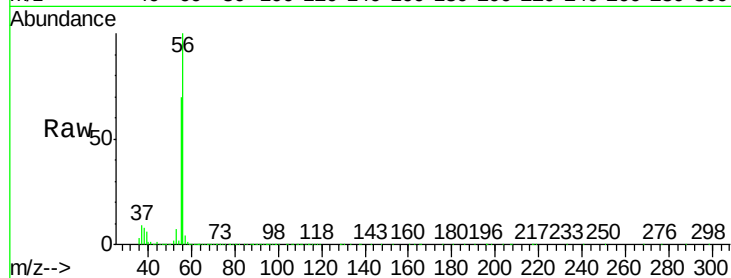
#13
Acrolein
Concen: 238.878 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.4	83.0

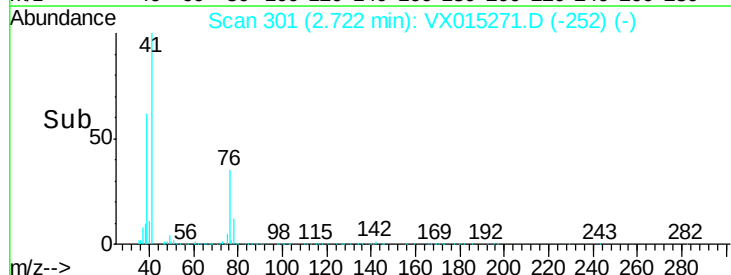
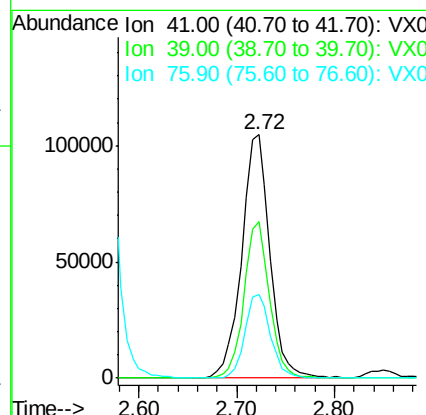
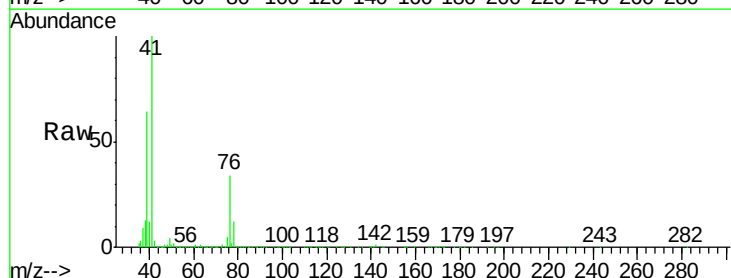
Manual Integrations
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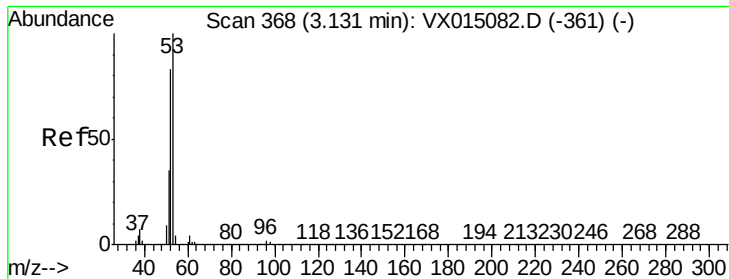
MMDadoda
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#14
Allyl chloride
Concen: 50.466 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	52.9	79.3
76	30.9	26.8	40.2





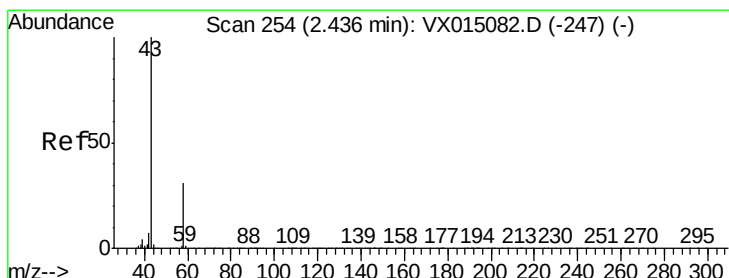
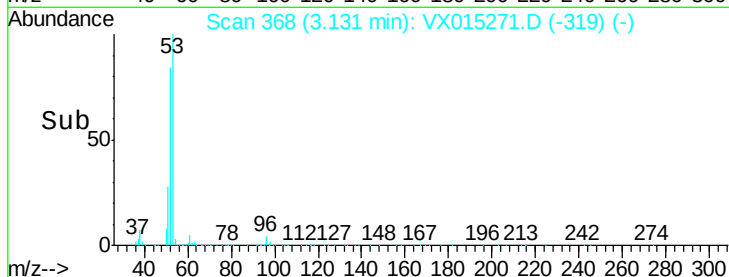
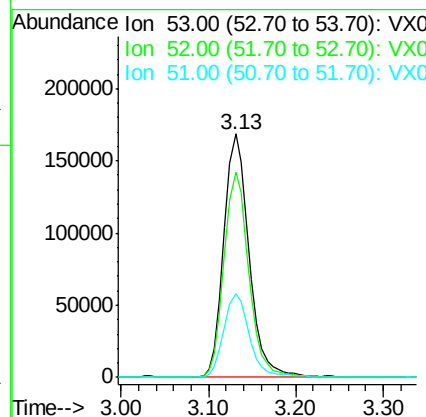
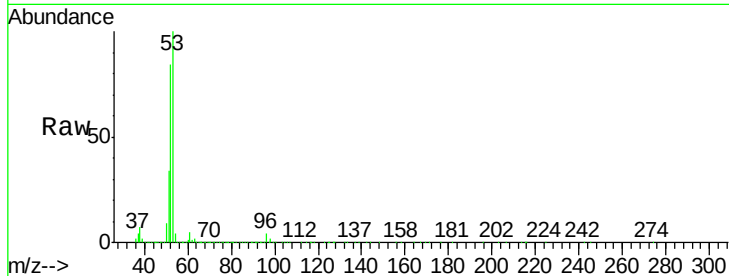
#15
 Acrylonitrile
 Concen: 269.180 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	337010
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	100.0
51	35.0	29.0	43.6

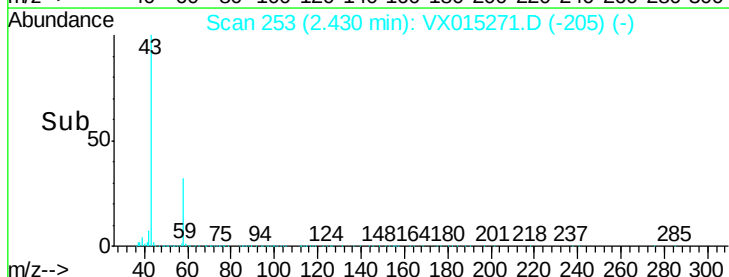
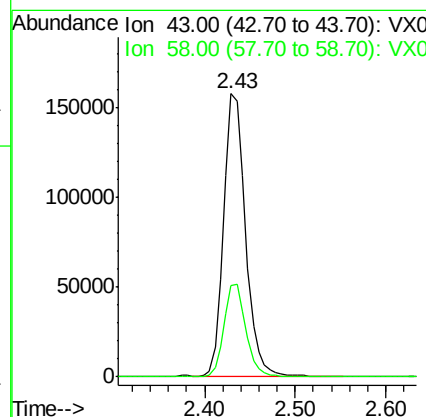
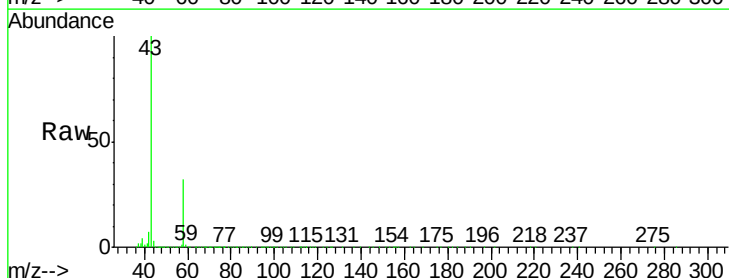
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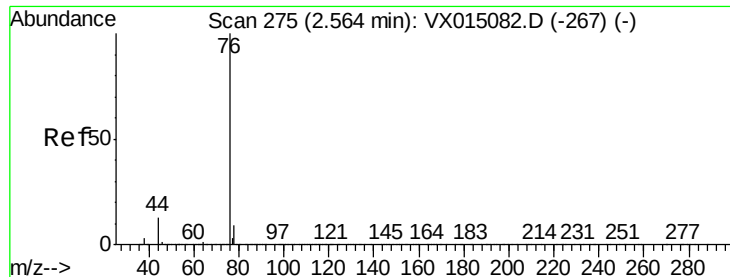
MMDadoda
 3/16/2020 2:07:30 PM



#16
 Acetone
 Concen: 226.747 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion:	43	Resp:	266078
Ion Ratio	Lower	Upper	
43	100		
58	32.2	24.8	37.2





#17

Carbon Disulfide

Concen: 42.458 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 279852

Ion Ratio Lower Upper

76 100

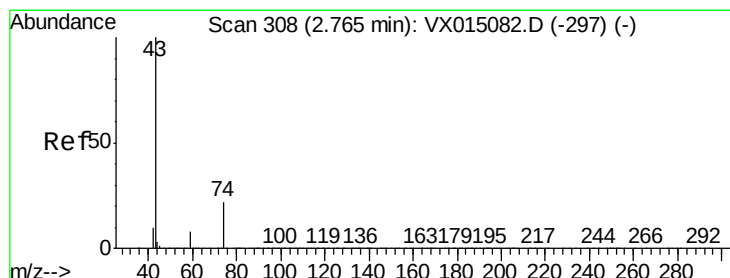
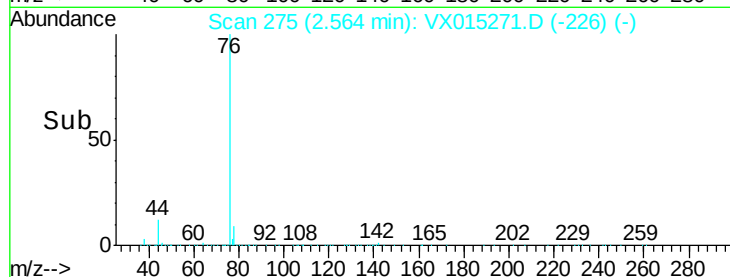
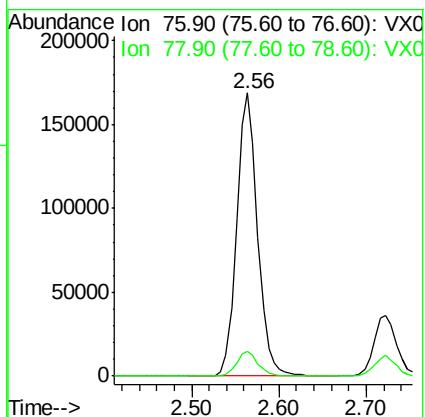
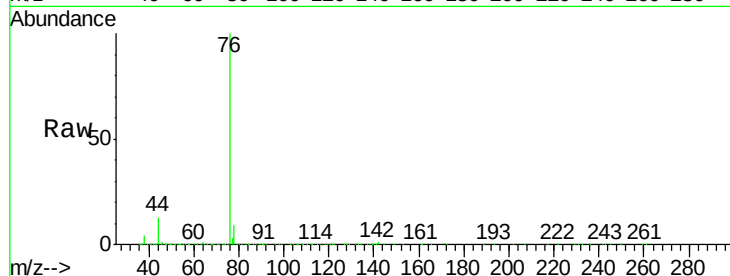
78 8.7 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 53.186 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015271.D

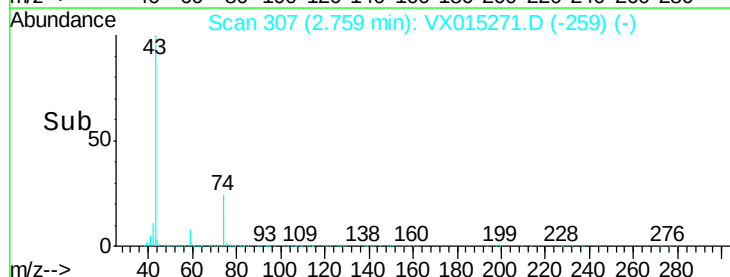
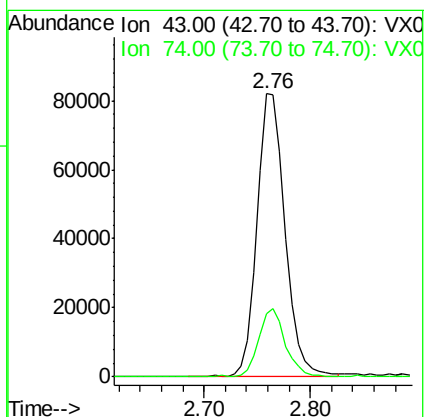
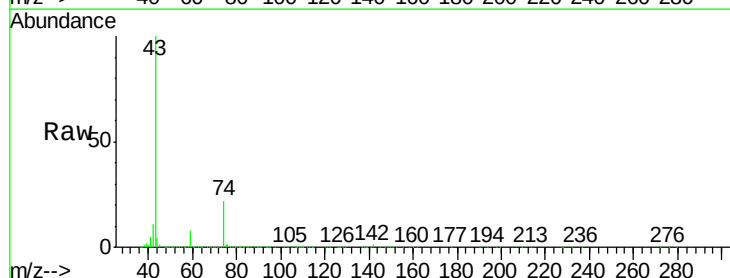
Acq: 13 Mar 2020 19:29

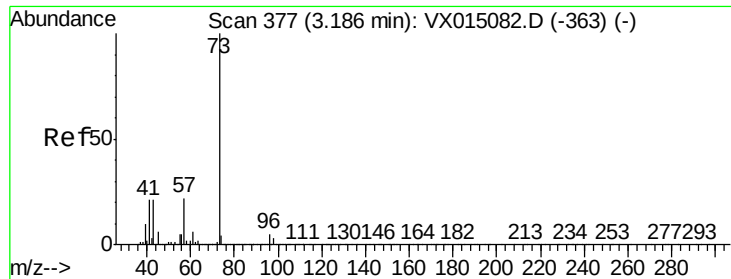
Tgt Ion: 43 Resp: 152607

Ion Ratio Lower Upper

43 100

74 23.5 18.8 28.2





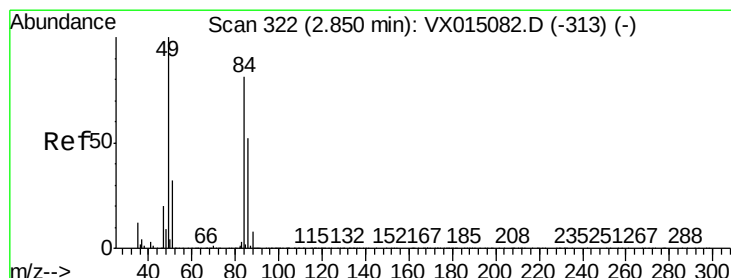
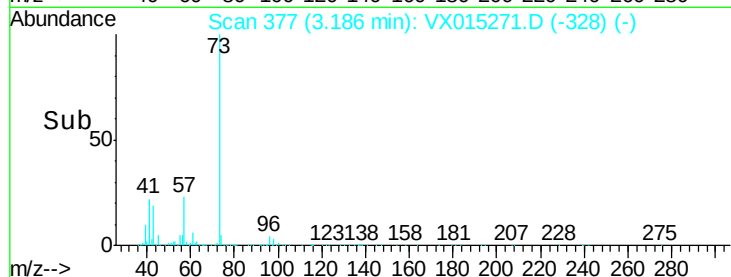
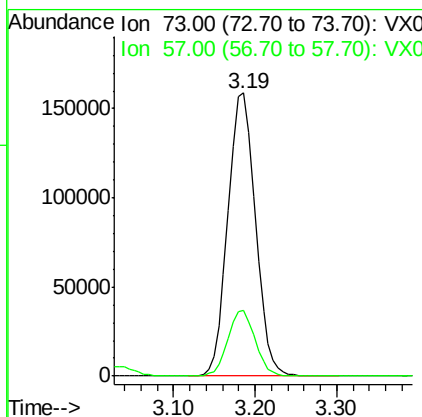
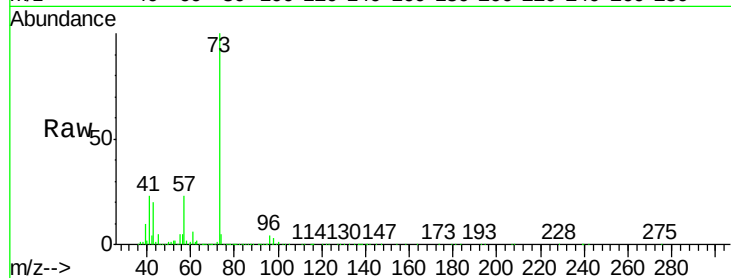
#19
Methyl tert-butyl Ether
Concen: 49.926 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.8	26.6

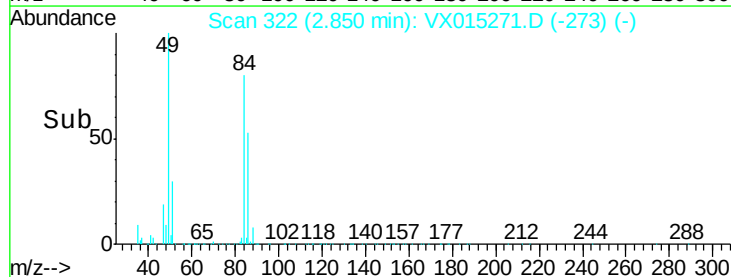
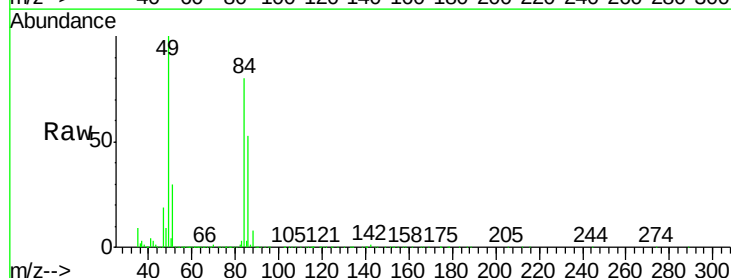
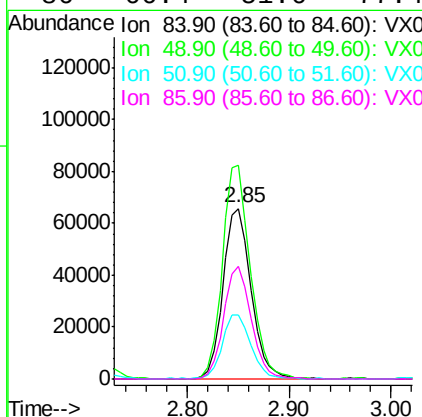
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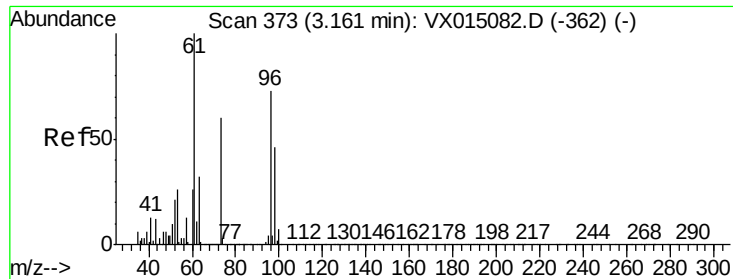
MMDadoda
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#20
Methylene Chloride
Concen: 45.488 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	99.4	149.2
51	37.6	31.5	47.3
86	66.4	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 46.475 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

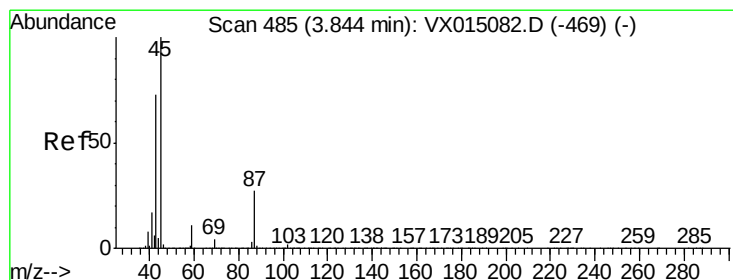
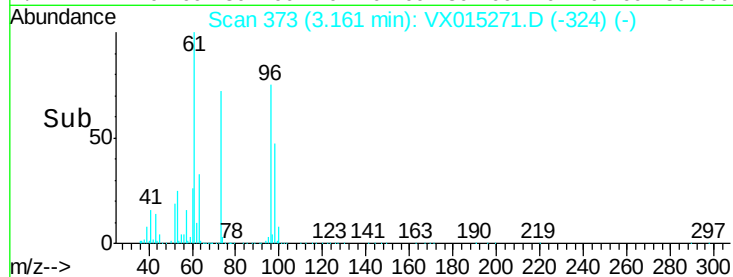
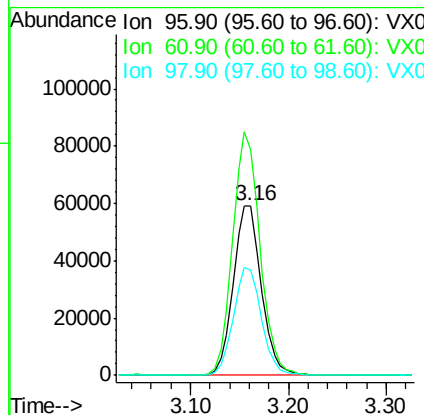
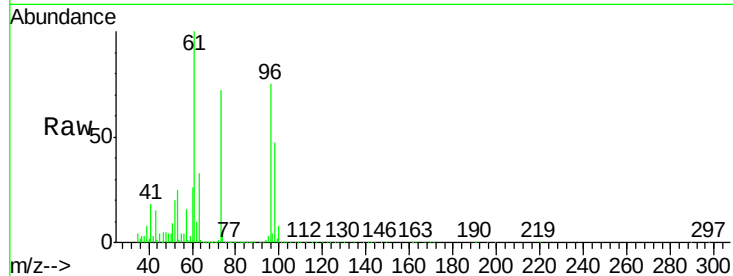
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	117781
Ion	Ratio	Lower	Upper
96	100		
61	132.5	109.9	164.9
98	62.1	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.675 ug/l

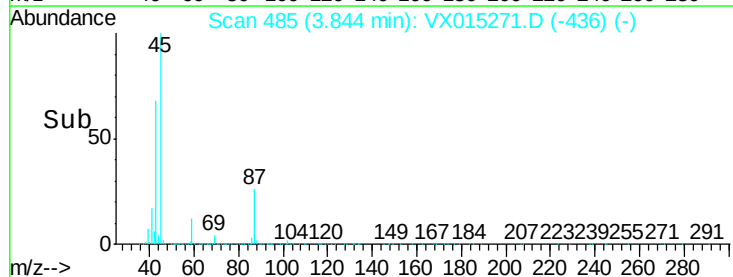
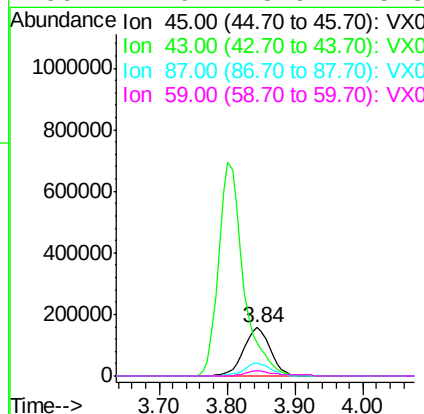
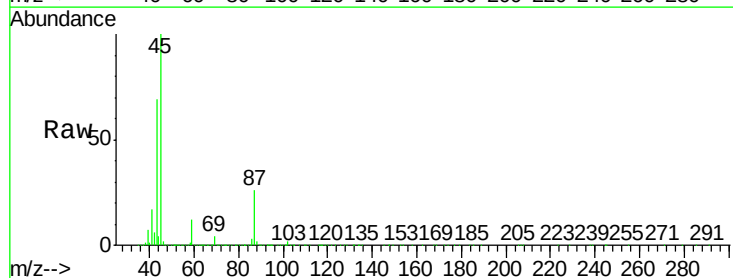
RT: 3.84 min Scan# 485

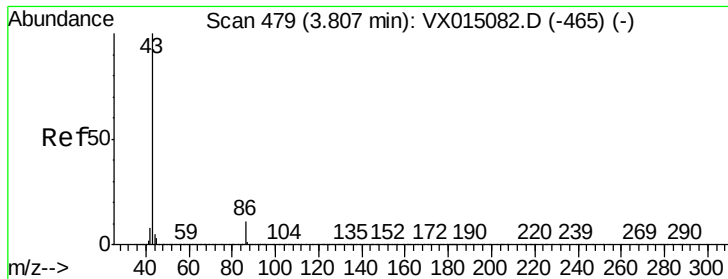
Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:	45	Resp:	426069
Ion	Ratio	Lower	Upper
45	100		
43	68.5	58.2	87.2
87	26.0	21.2	31.8
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 260.320 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1764346

Ion Ratio Lower Upper

43 100

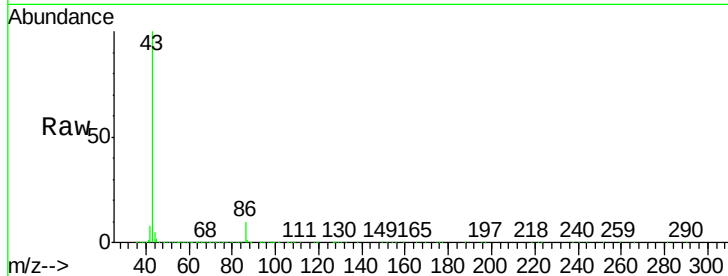
86 10.4 8.6 12.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

400000

200000

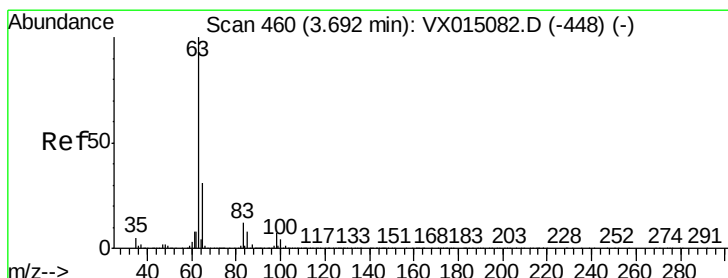
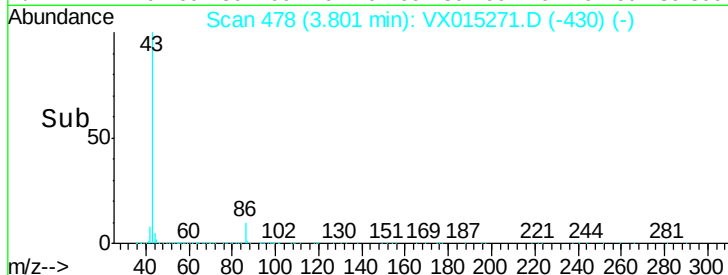
0

3.60

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.279 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

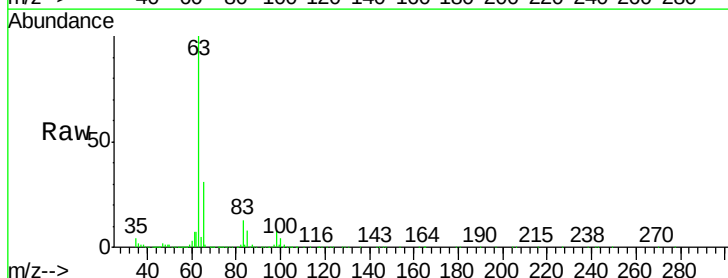
Tgt Ion: 63 Resp: 220931

Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 4.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

40000

20000

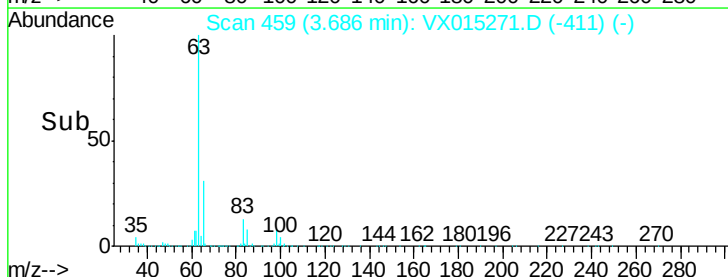
0

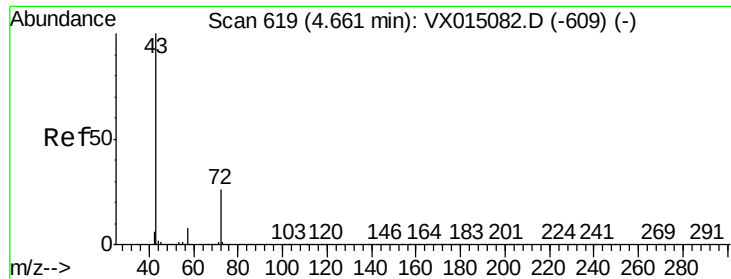
3.60

3.70

3.80

Time-->





#25

2-Butanone

Concen: 266.044 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 457047

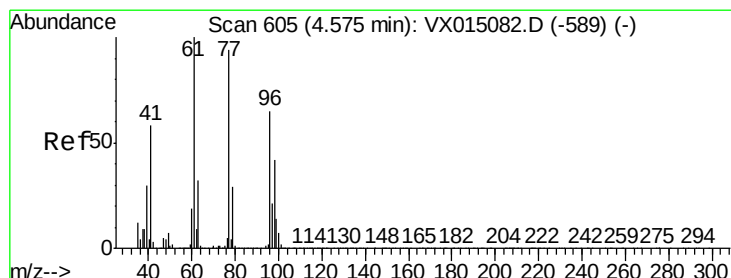
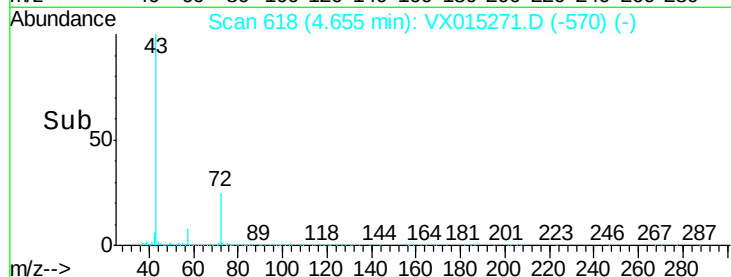
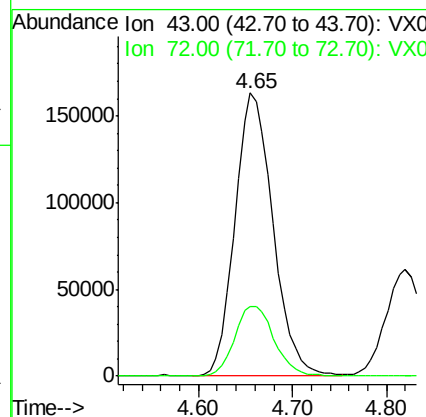
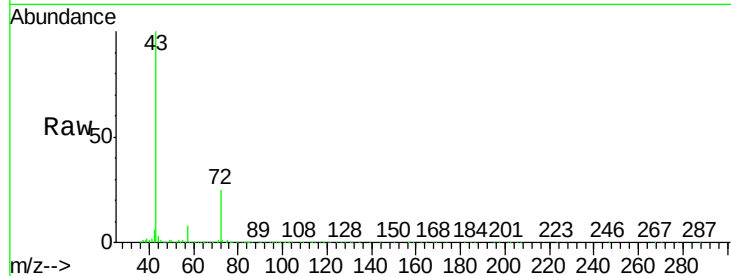
Ion Ratio Lower Upper

43 100

72 24.5 20.6 30.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 43.222 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015271.D

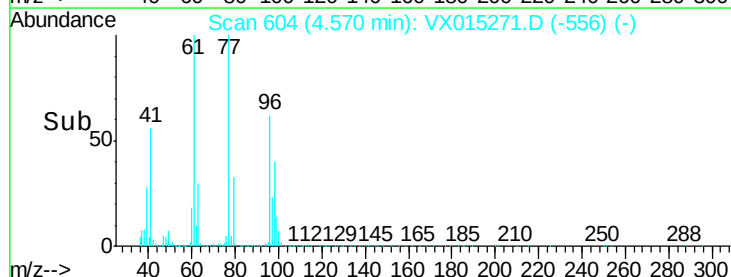
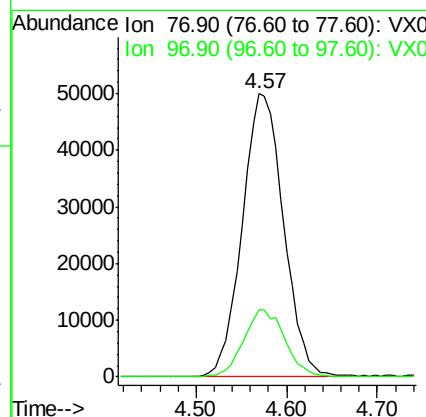
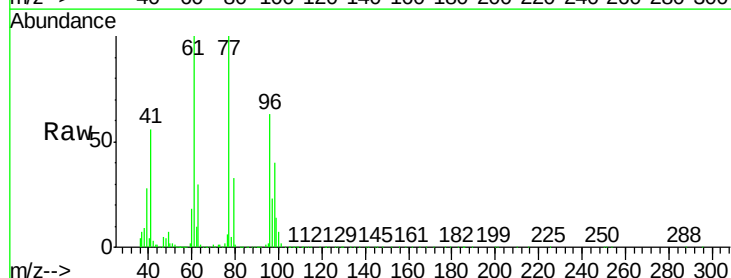
Acq: 13 Mar 2020 19:29

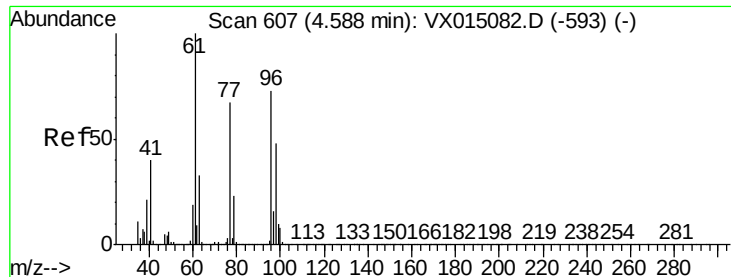
Tgt Ion: 77 Resp: 157015

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.4





#27

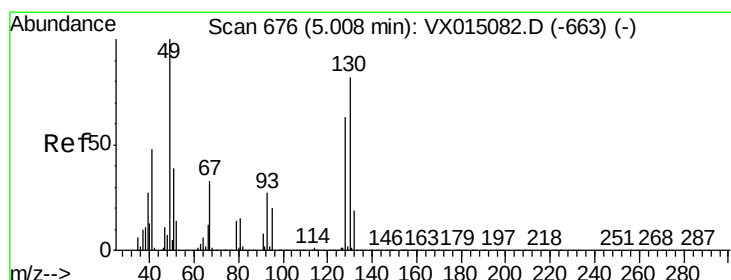
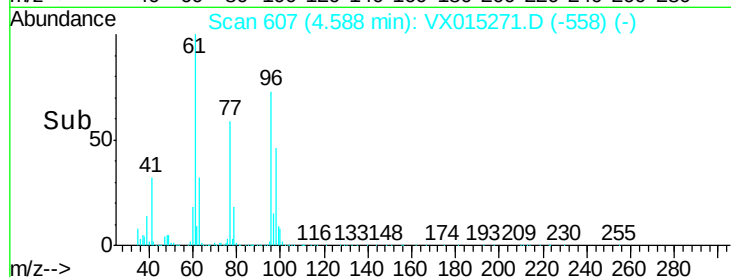
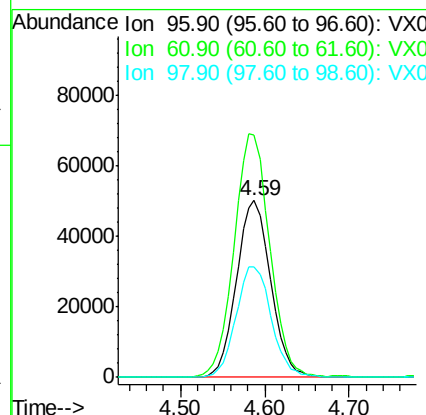
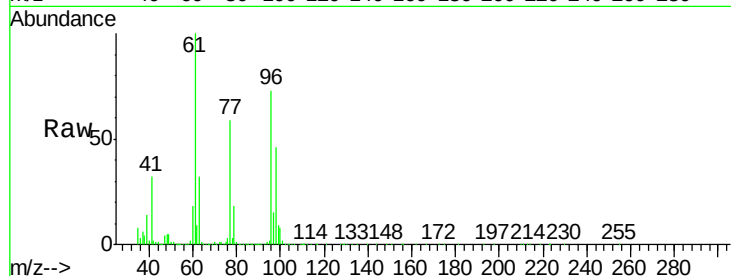
cis-1,2-Dichloroethene
Concen: 48.273 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	286.8
98	64.8	0.0	128.4

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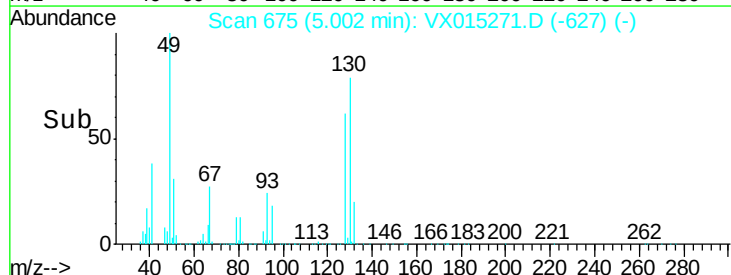
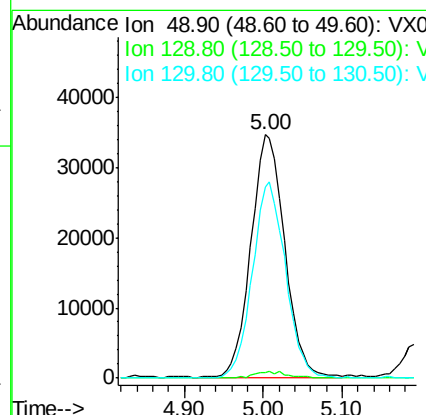
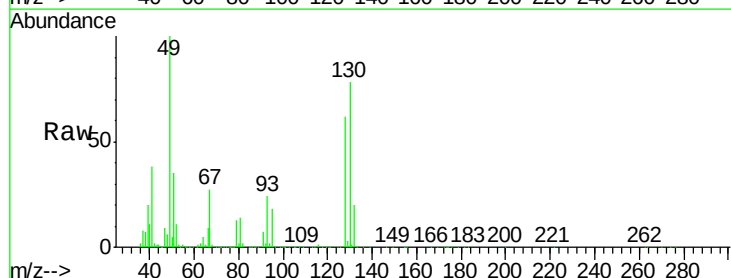
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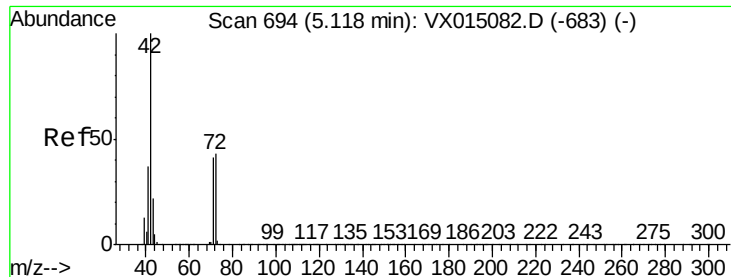


#28

Bromochloromethane
Concen: 49.671 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	78.9	65.0	97.6





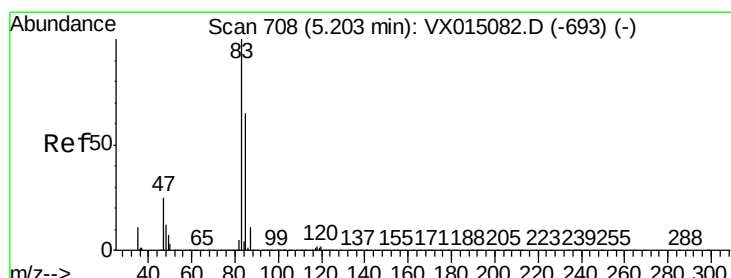
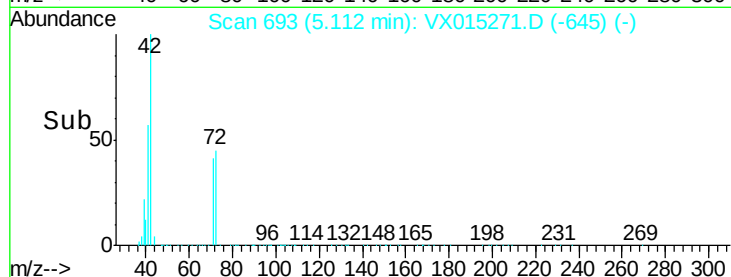
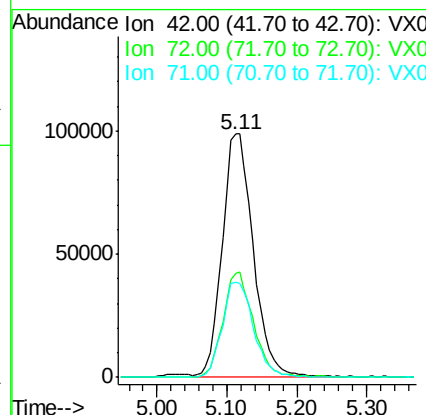
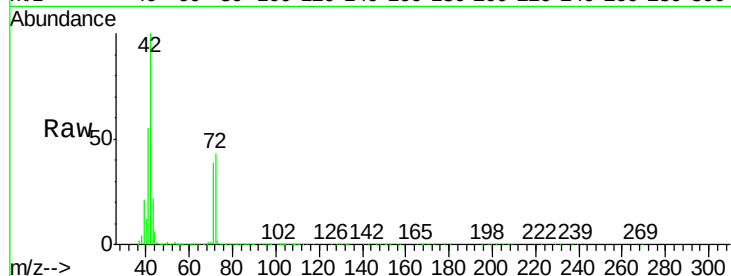
#29
Tetrahydrofuran
Concen: 272.982 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	36.4	54.6
71	39.3	33.3	49.9

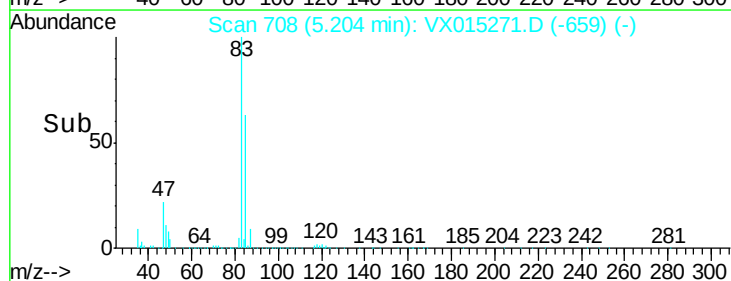
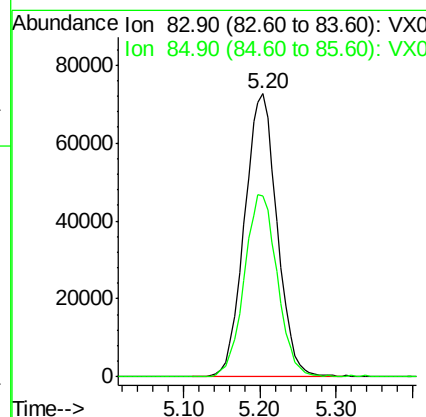
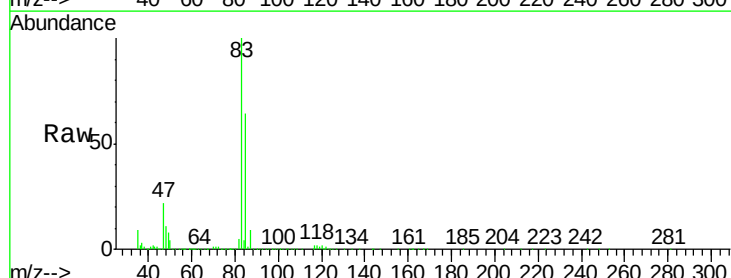
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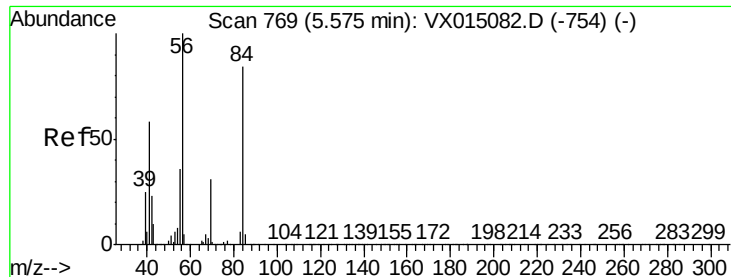
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#30
Chloroform
Concen: 48.021 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.0	78.0





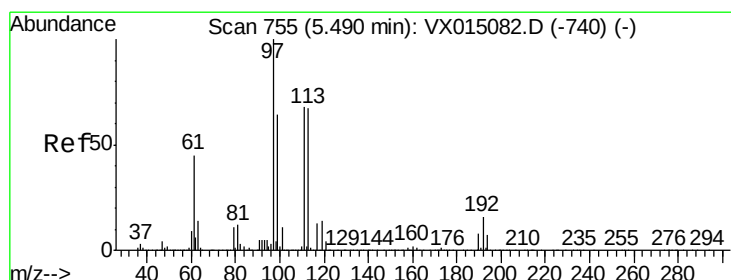
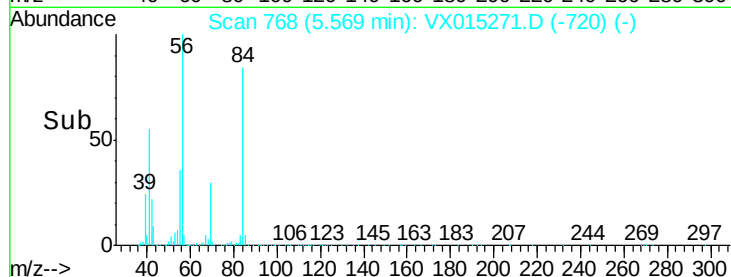
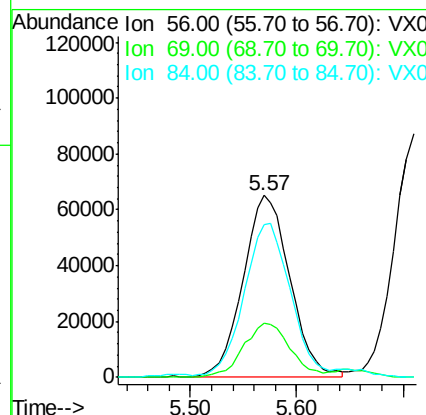
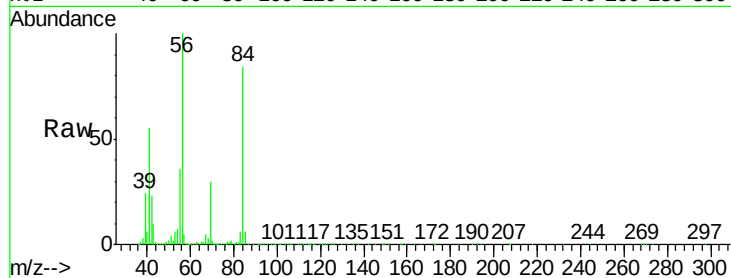
#31
Cyclohexane
Concen: 48.774 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.0	37.6
84	82.8	67.6	101.4

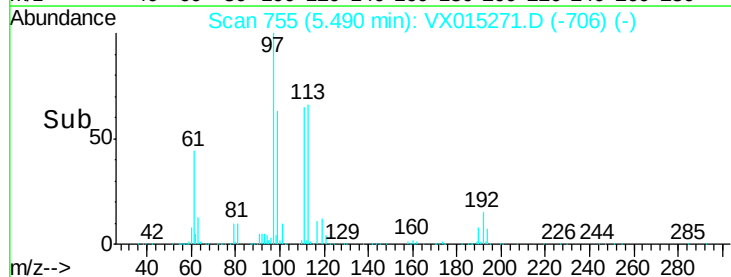
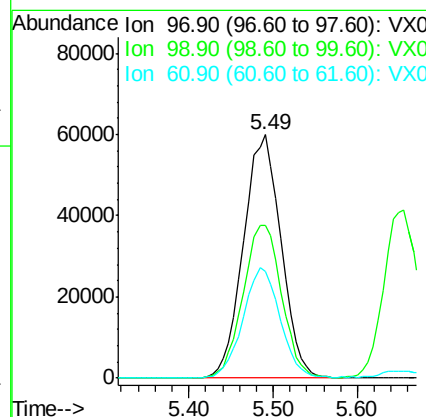
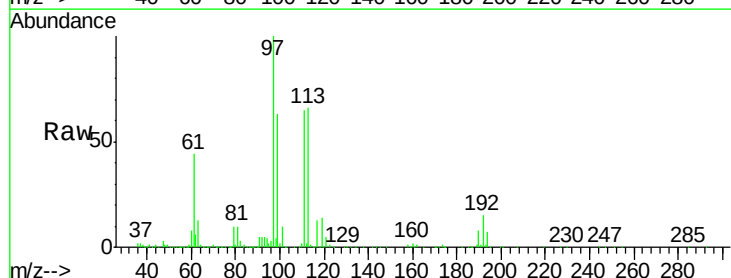
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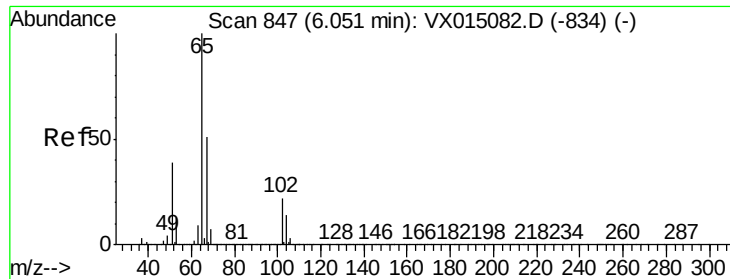
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#32
1,1,1-Trichloroethane
Concen: 48.961 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.8	79.2
61	44.9	36.6	54.8





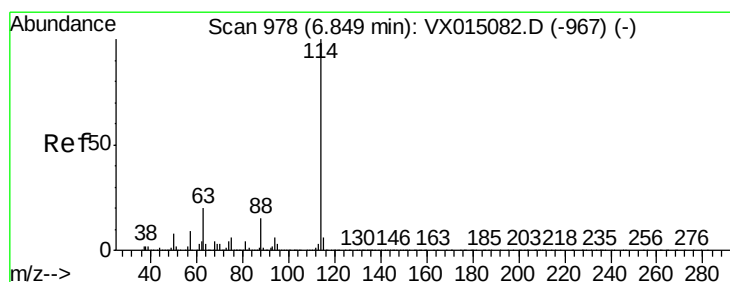
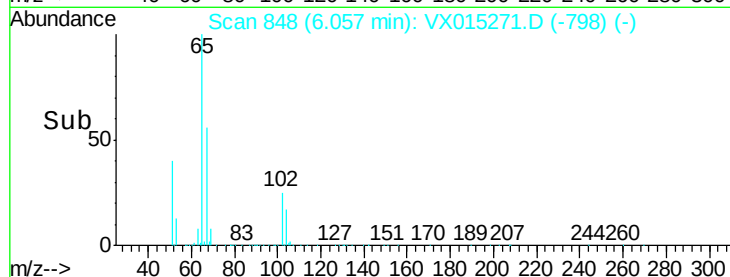
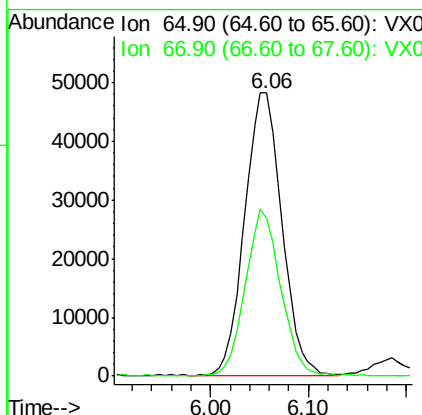
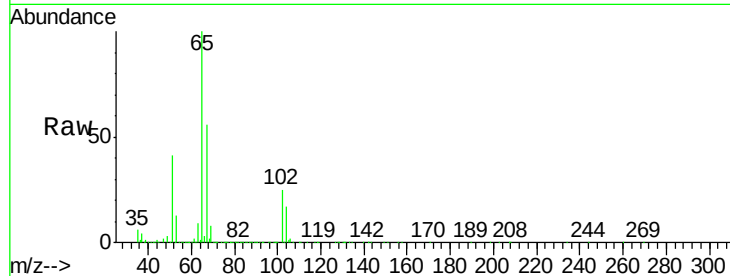
#33
 1,2-Dichloroethane-d4
 Concen: 44.105 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127796		
67	56.0	0.0	105.6	

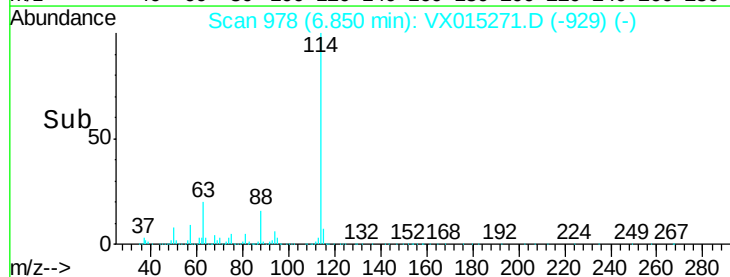
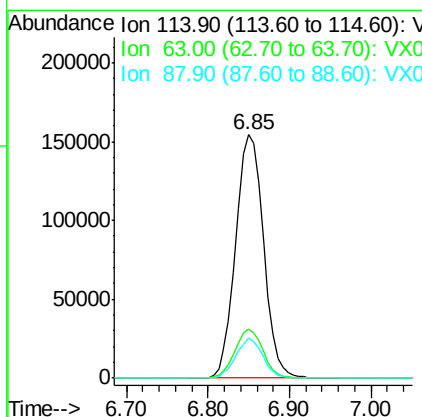
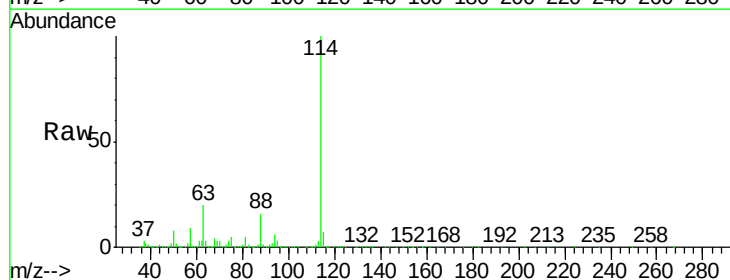
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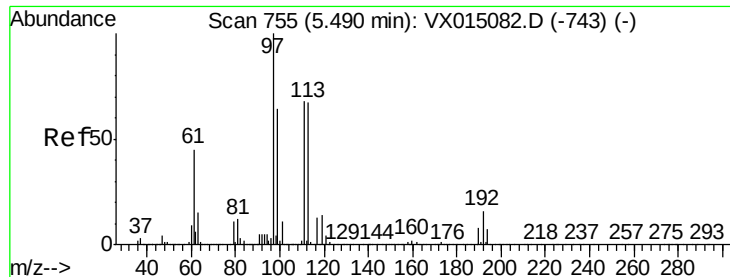
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	364647		
63	19.9	0.0	40.0	
88	16.4	0.0	30.6	





#35

Dibromofluoromethane

Concen: 48.296 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

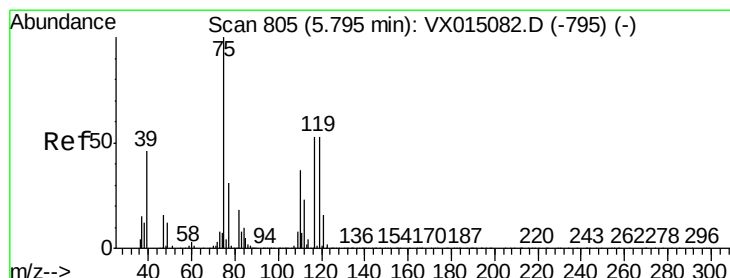
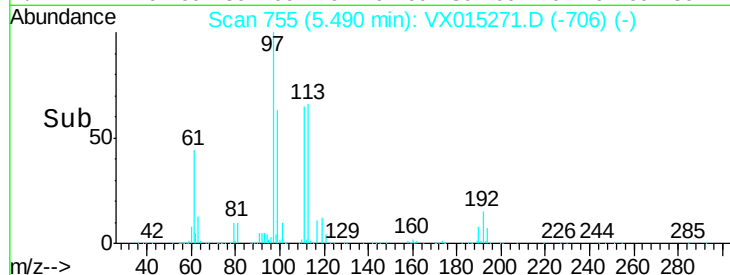
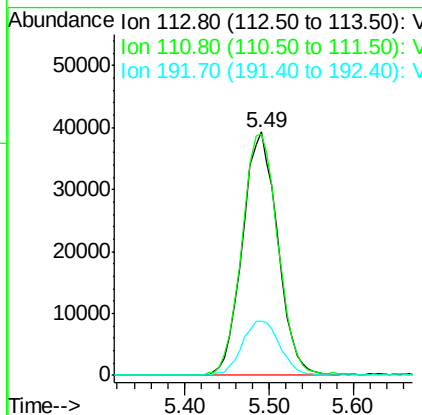
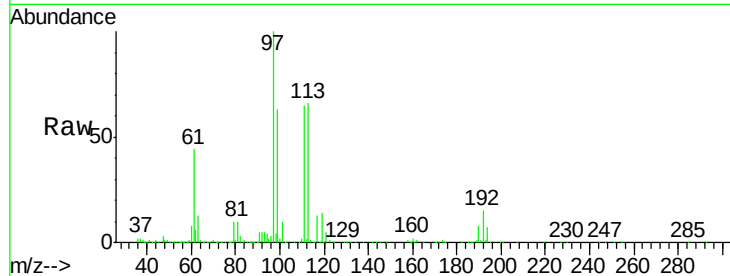
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	111103
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	123.8
192	24.0	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 48.217 ug/l

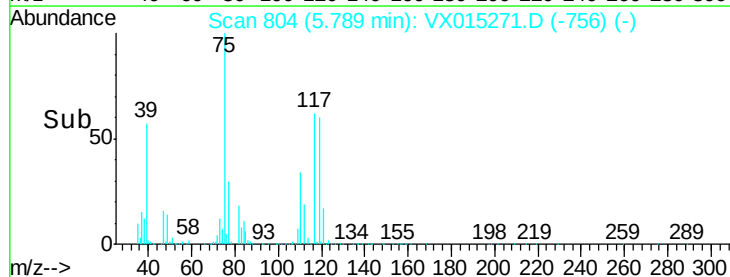
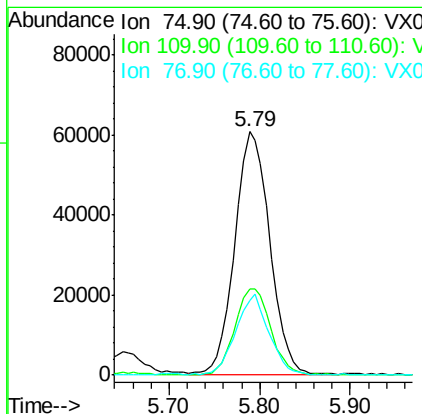
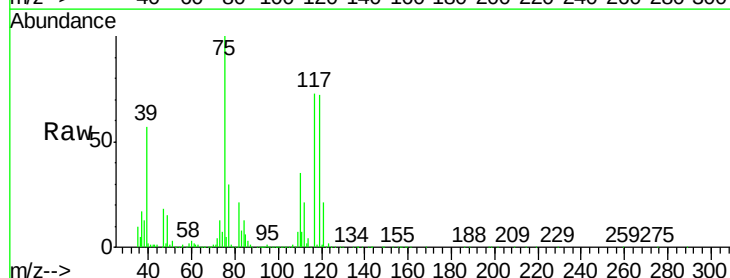
RT: 5.79 min Scan# 804

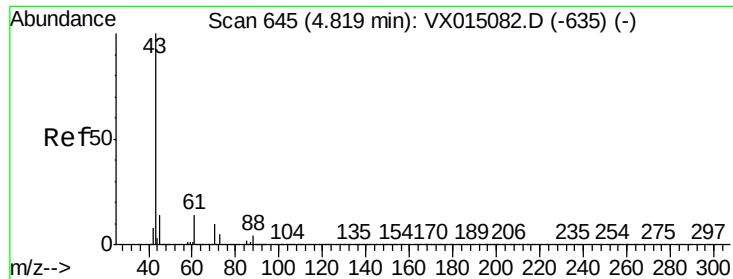
Delta R.T. -0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:	75	Resp:	162538
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.9	53.8
77	30.9	24.8	37.2





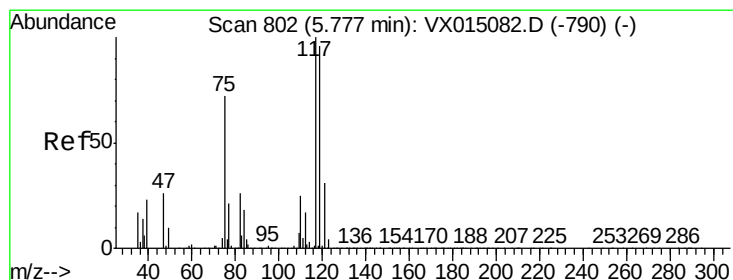
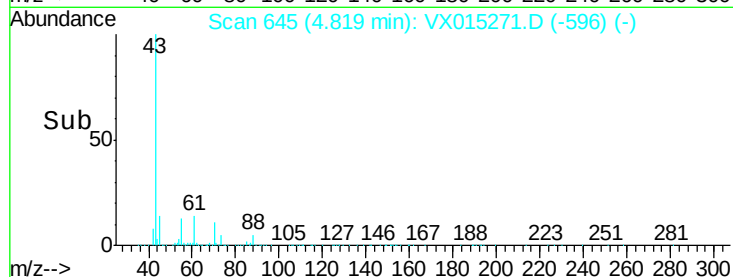
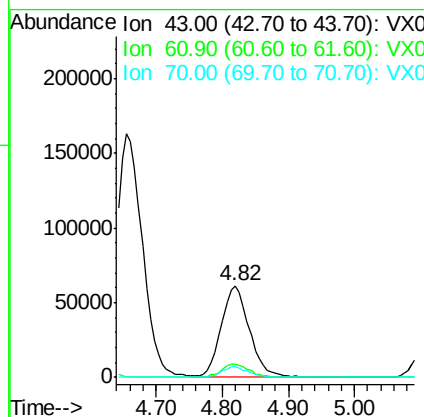
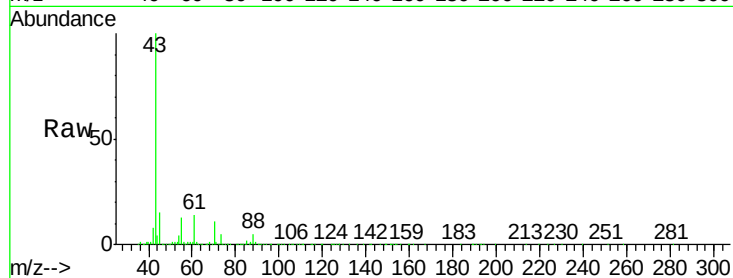
#37
Ethyl Acetate
Concen: 57.302 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	179183
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	10.8	8.1	12.1

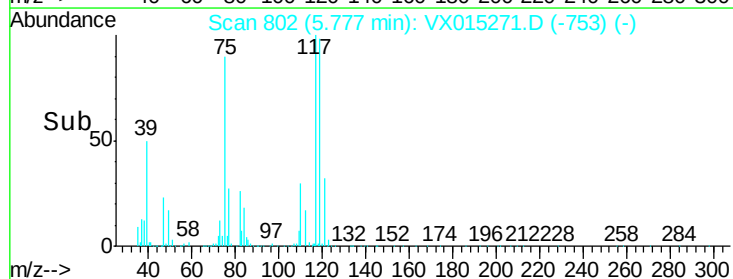
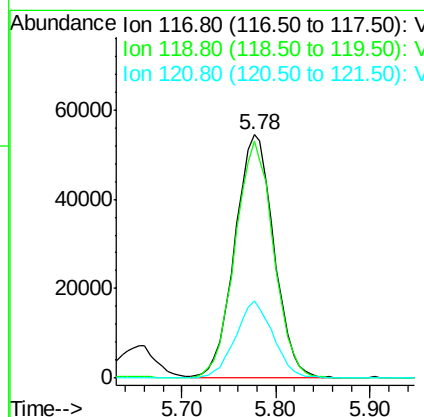
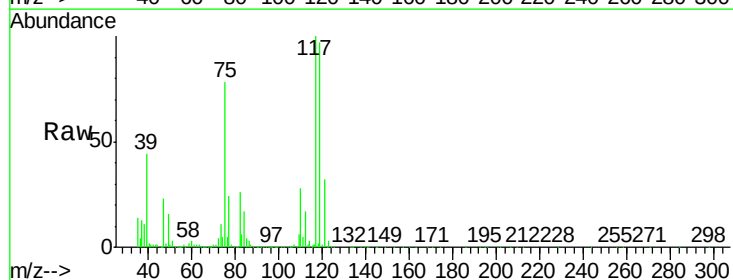
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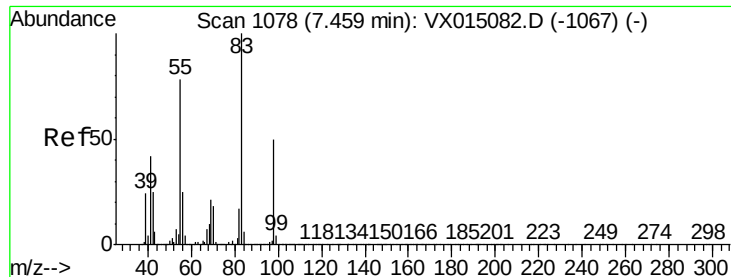
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#38
Carbon Tetrachloride
Concen: 49.287 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion:	117	Resp:	156831
Ion Ratio	Lower	Upper	
117	100		
119	97.2	76.9	115.3
121	31.8	24.6	37.0





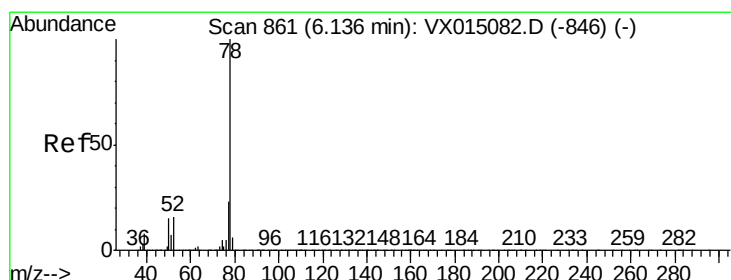
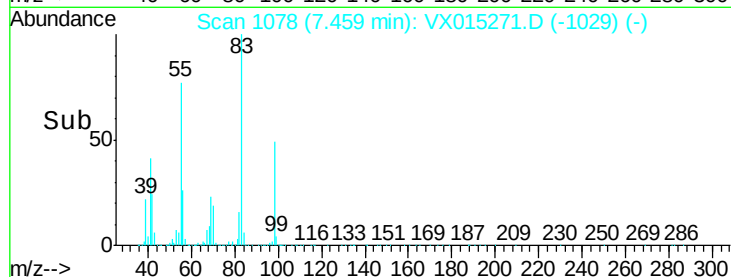
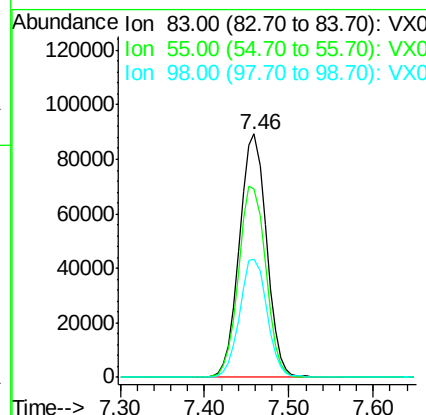
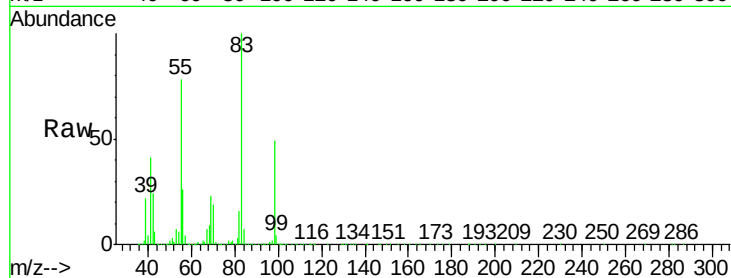
#39
Methylvlcyclohexane
Concen: 49.300 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.4	93.6
98	48.5	39.7	59.5

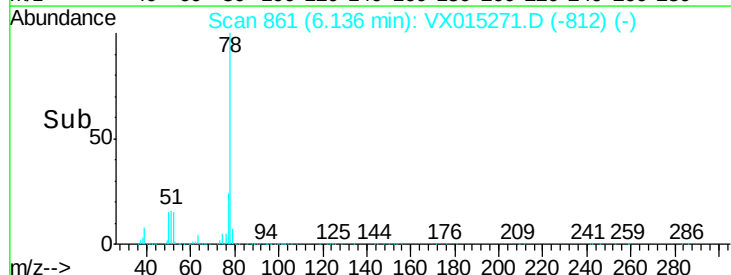
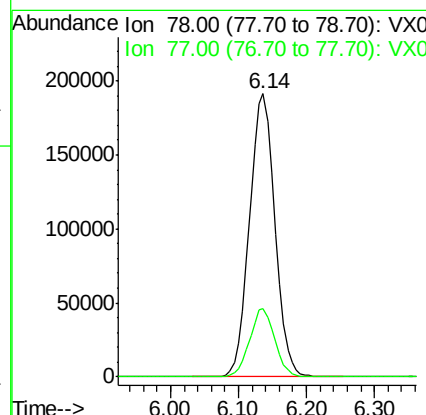
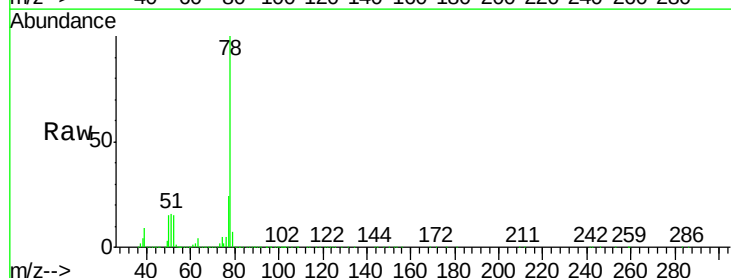
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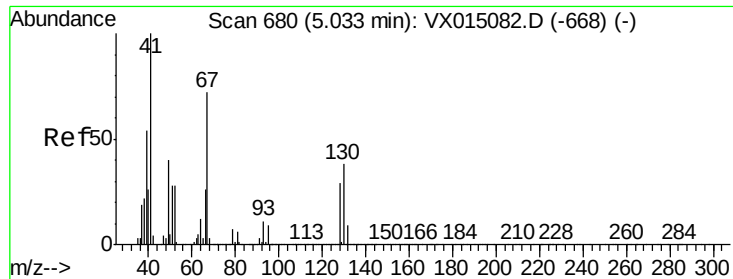
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#40
Benzene
Concen: 49.942 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





#41

Methacrylonitrile

Concen: 54.673 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

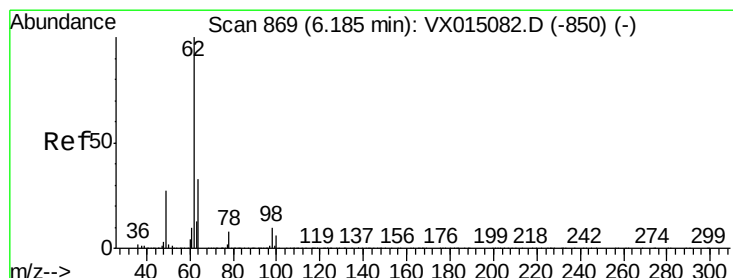
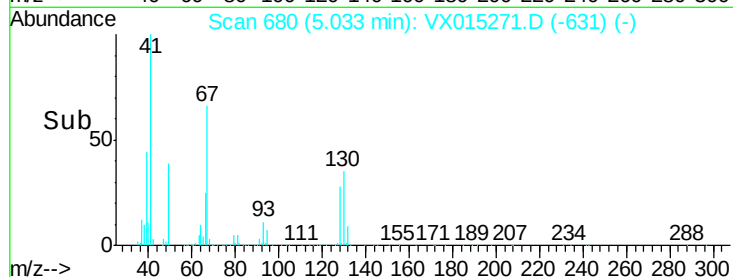
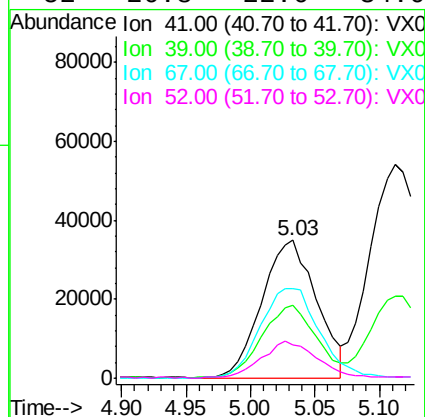
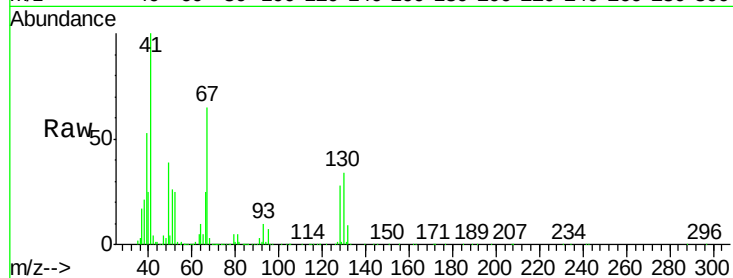
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	43.9	65.9	
67	70.4	57.8	86.8	
52	26.8	22.6	34.0	

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#42

1,2-Dichloroethane

Concen: 49.074 ug/l

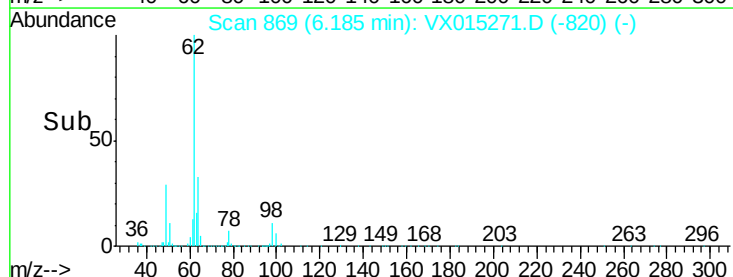
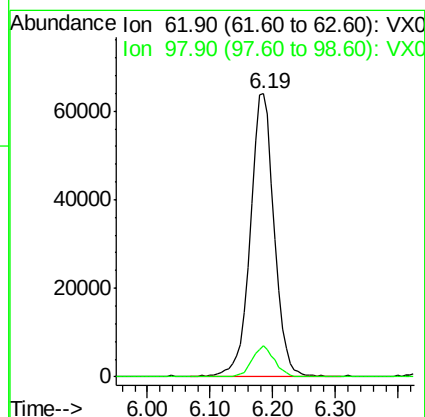
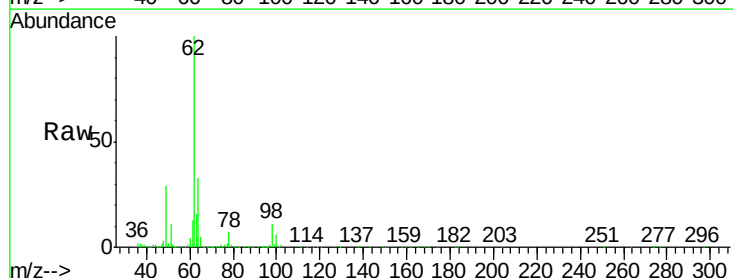
RT: 6.19 min Scan# 869

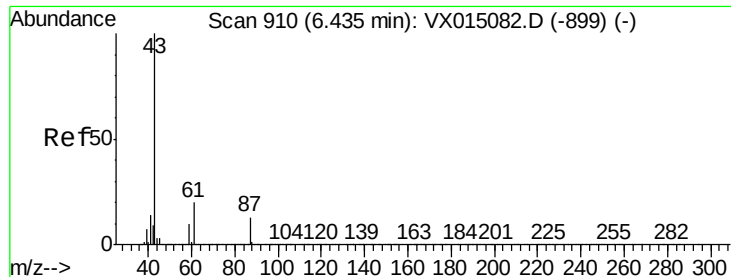
Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.6	





#43

Isopropyl Acetate

Concen: 54.137 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

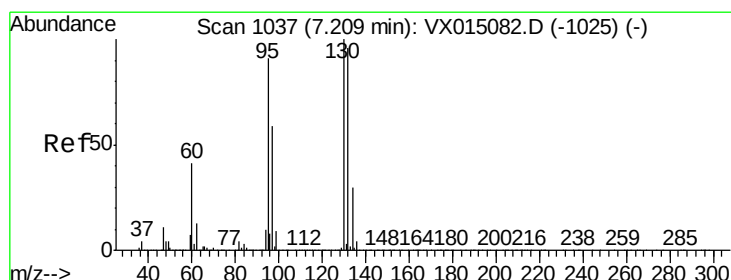
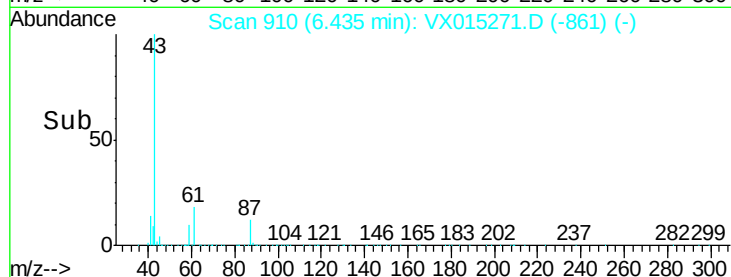
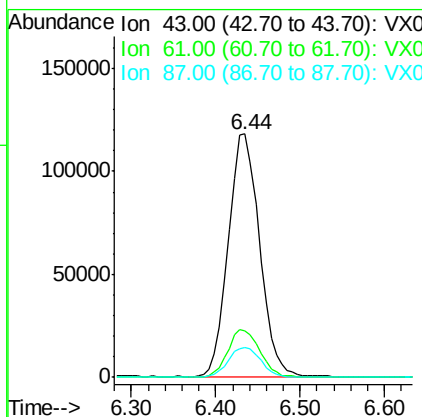
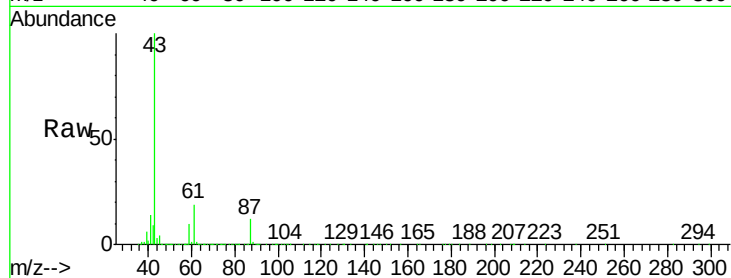
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	297804
Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	12.6	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.424 ug/l

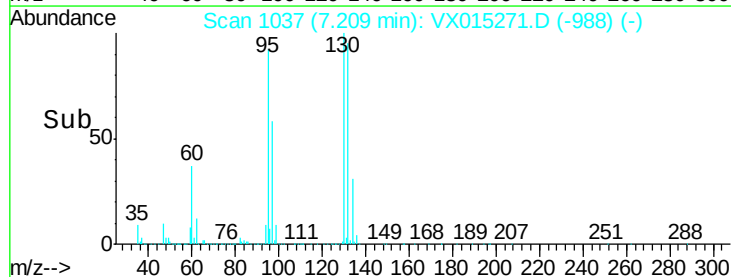
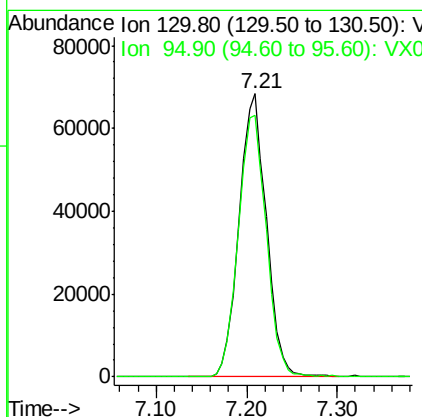
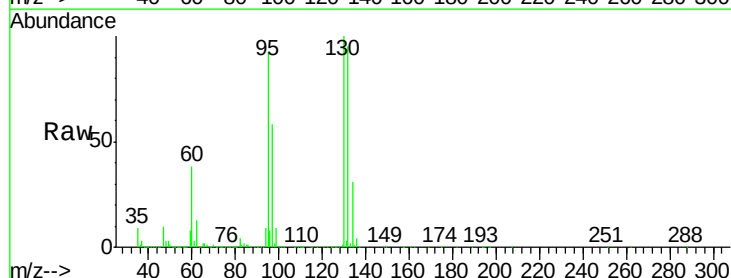
RT: 7.21 min Scan# 1037

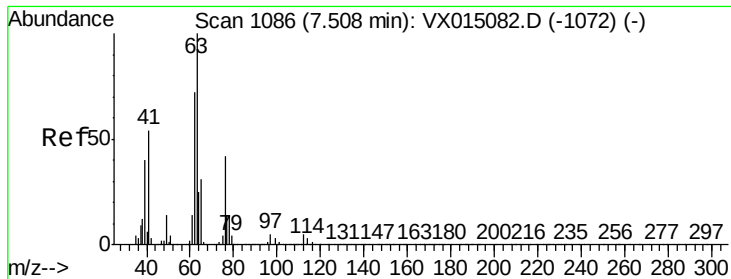
Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:	130	Resp:	143231
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	181.2





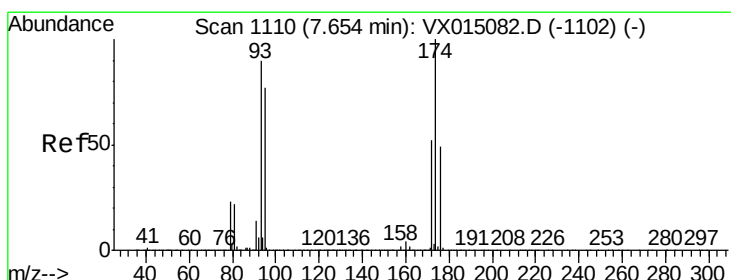
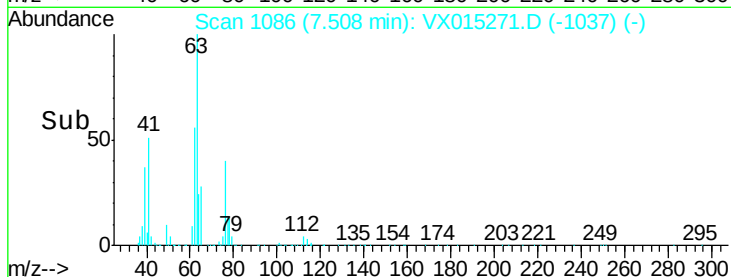
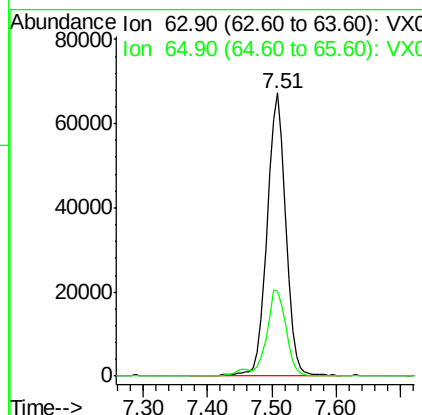
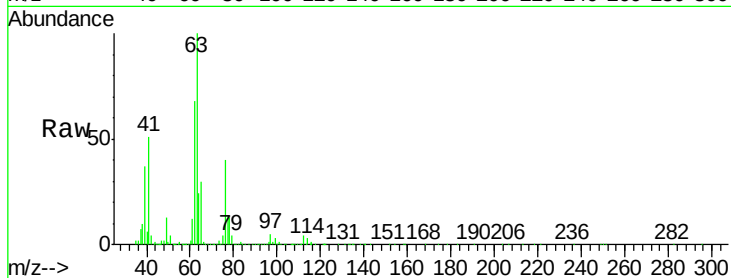
#45
 1,2-Dichloropropane
 Concen: 52.950 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.6	36.8

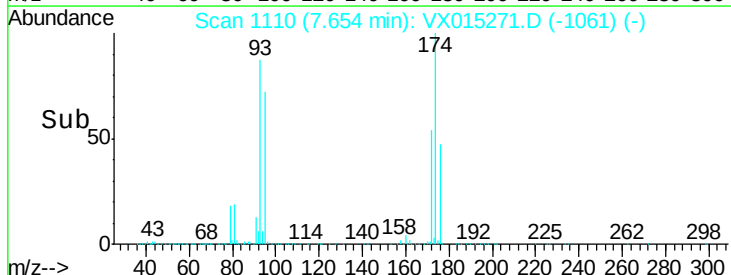
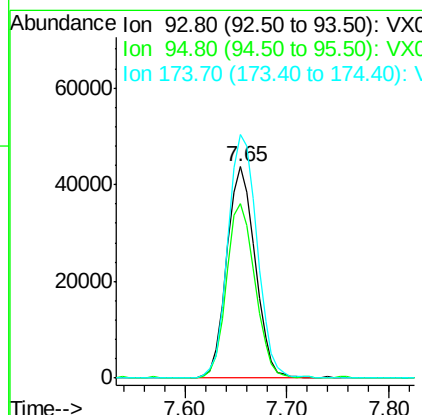
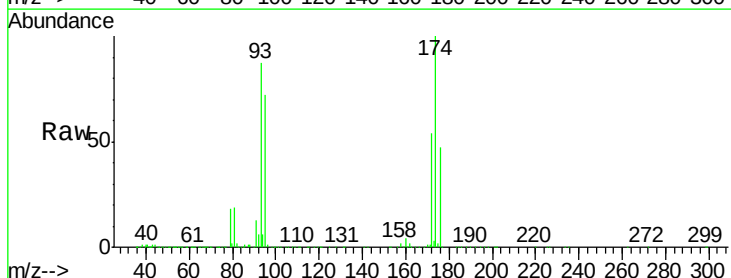
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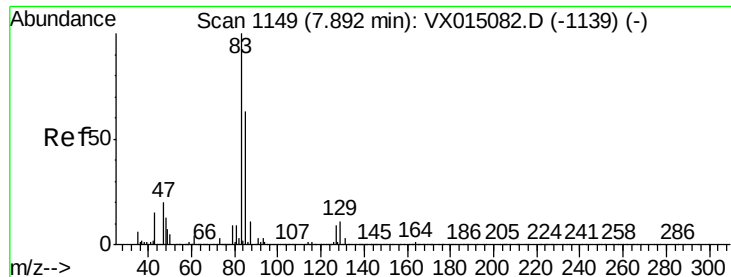
MMDadoda
 3/16/2020 2:07:30 PM



#46
 Dibromomethane
 Concen: 49.953 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.8	101.8
174	118.9	91.0	136.4





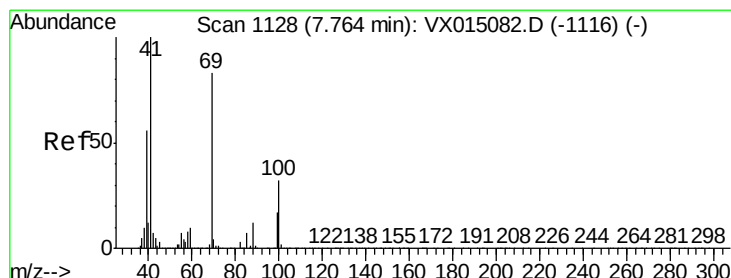
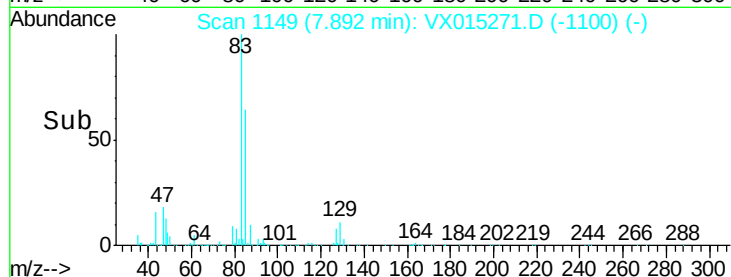
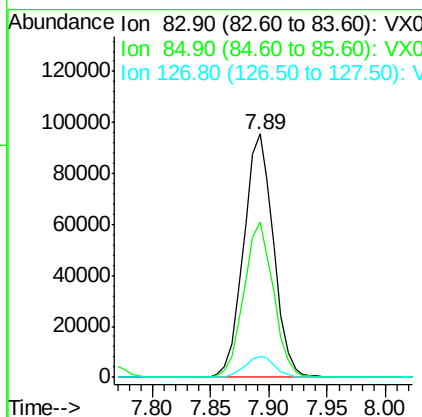
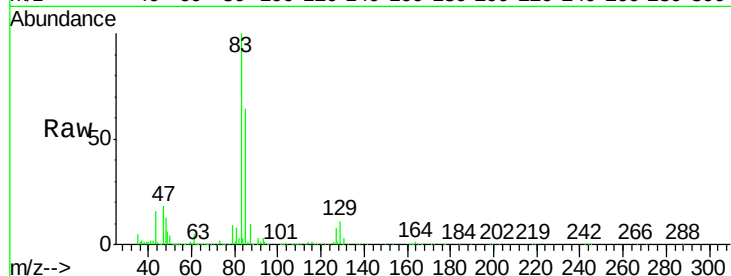
#47
Bromodichloromethane
Concen: 50.886 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	8.5	7.1	10.7

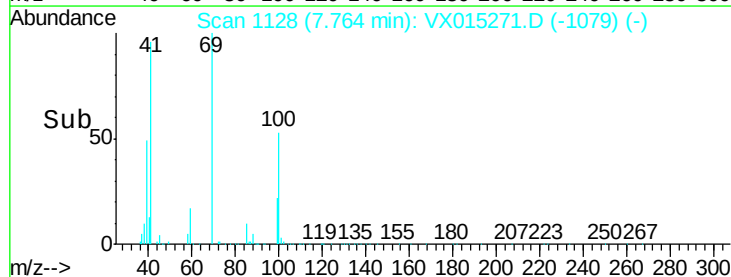
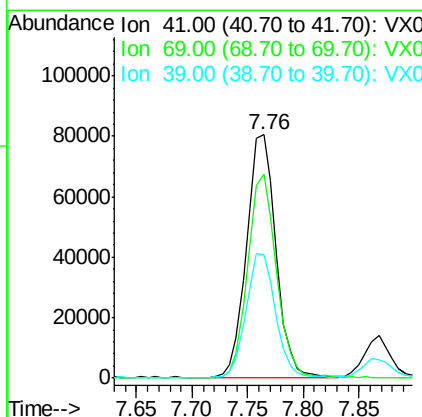
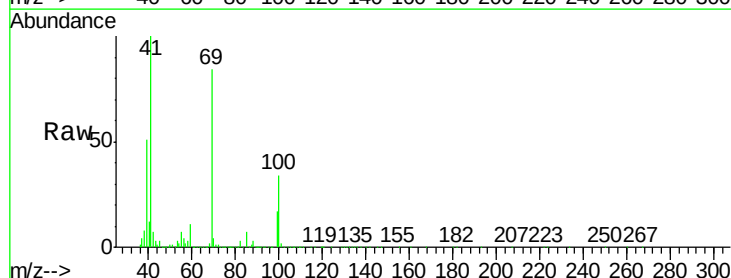
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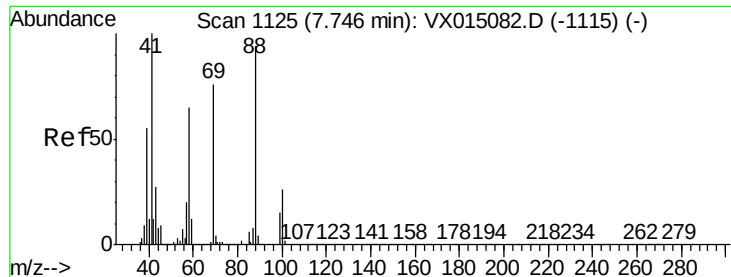
MMDadoda
3/16/2020 2:07:30 PM



#48
Methyl methacrylate
Concen: 52.898 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.4	98.2
39	51.1	44.6	67.0





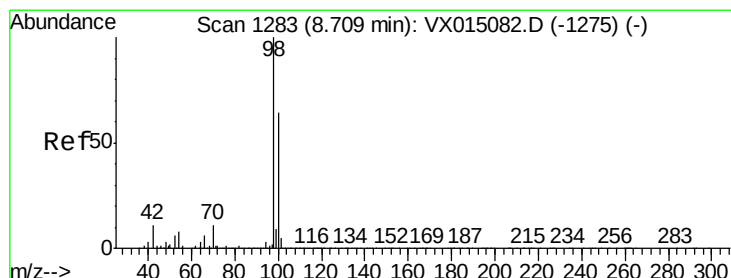
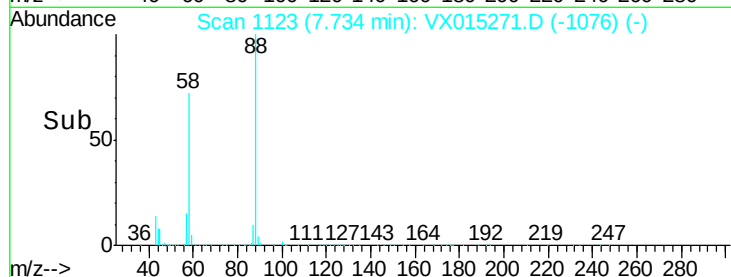
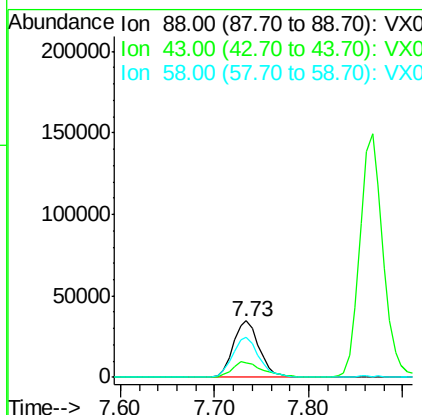
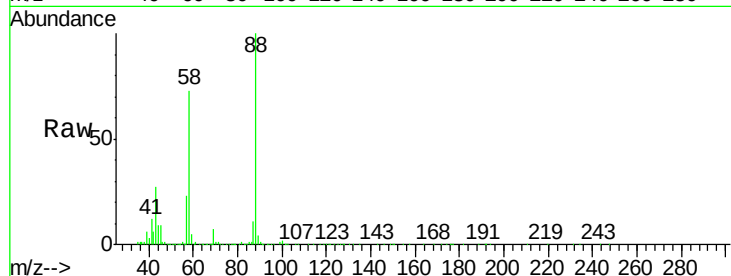
#49
1,4-Dioxane
Concen: 1089.546 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.0	40.4
58	72.8	55.6	83.4

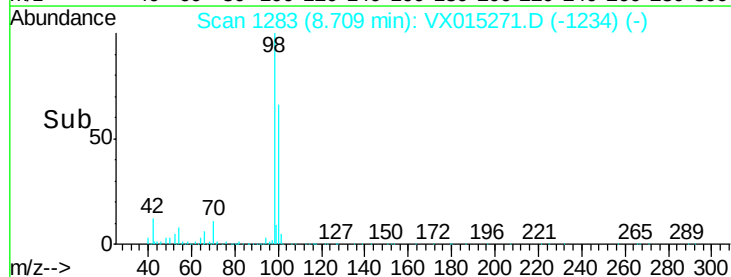
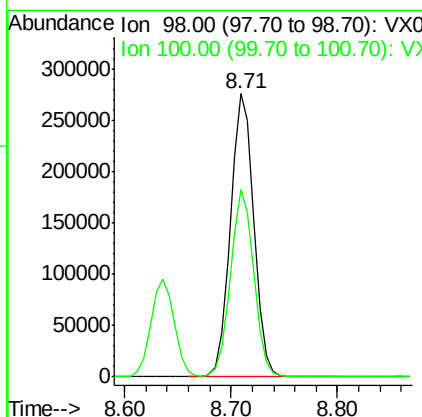
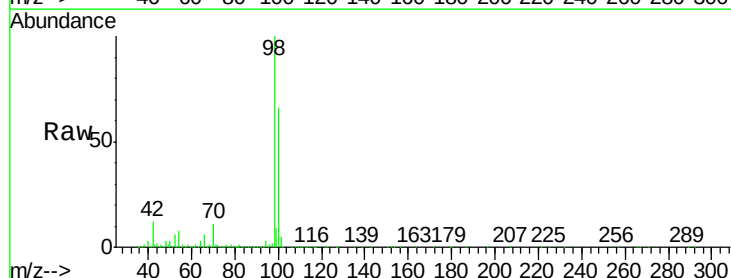
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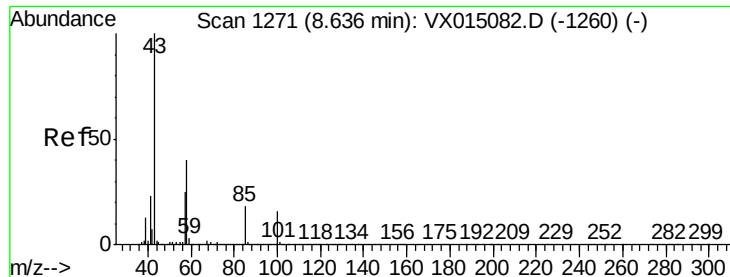
MMDadoda
3/16/2020 2:07:30 PM



#50
Toluene-d8
Concen: 48.336 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 285.204 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 927618

Ion Ratio Lower Upper

43 100

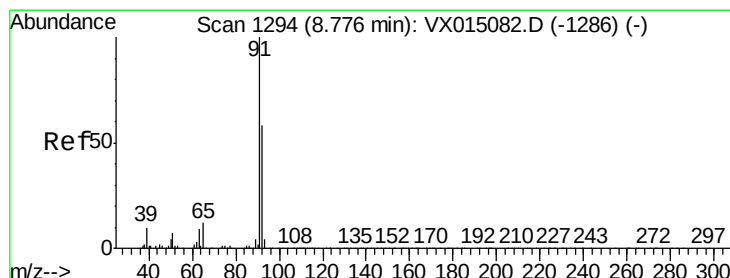
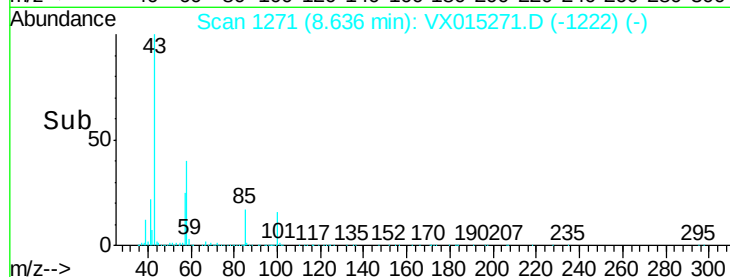
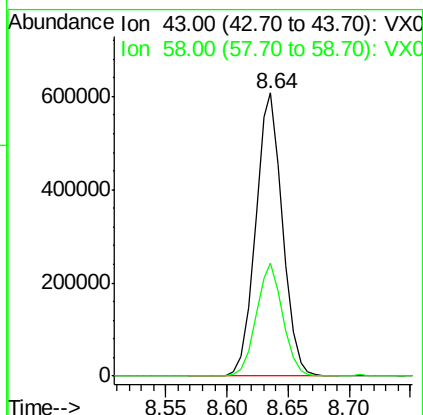
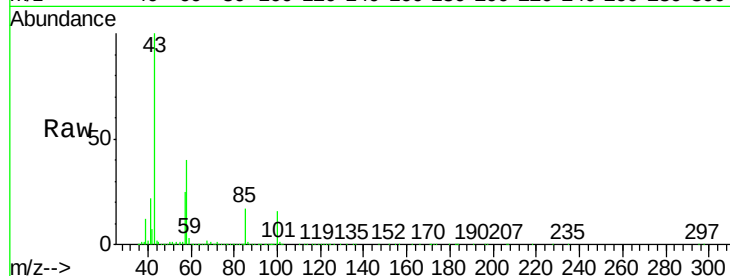
58 39.4 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 51.624 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015271.D

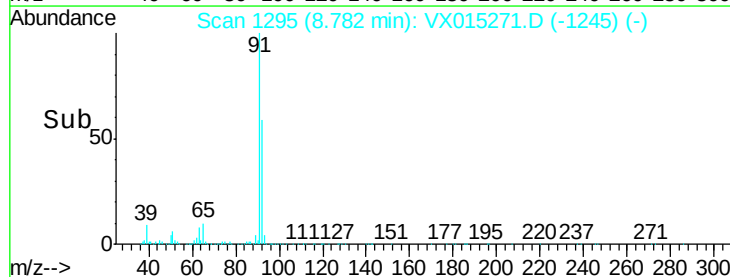
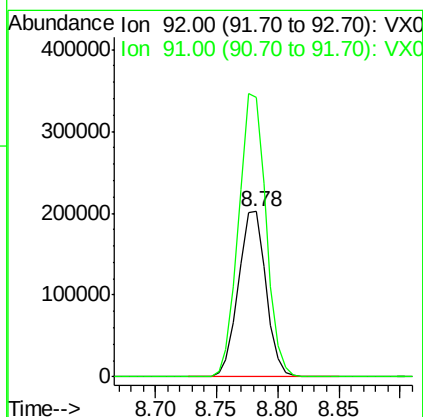
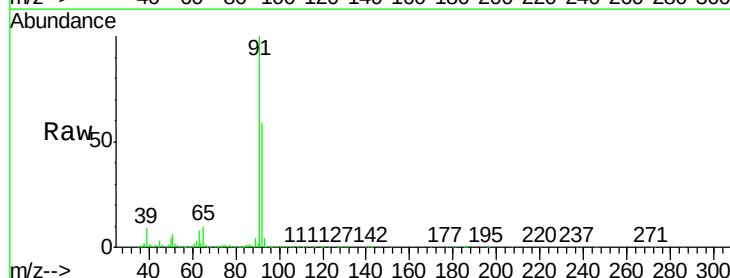
Acq: 13 Mar 2020 19:29

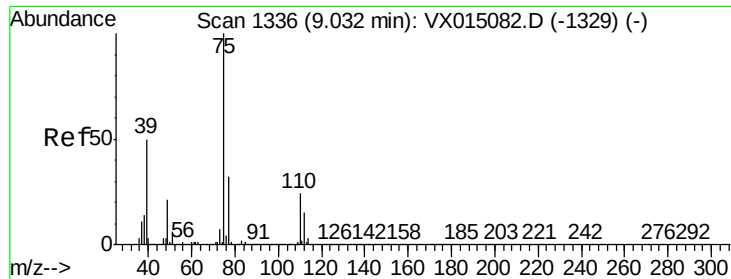
Tgt Ion: 92 Resp: 315689

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3





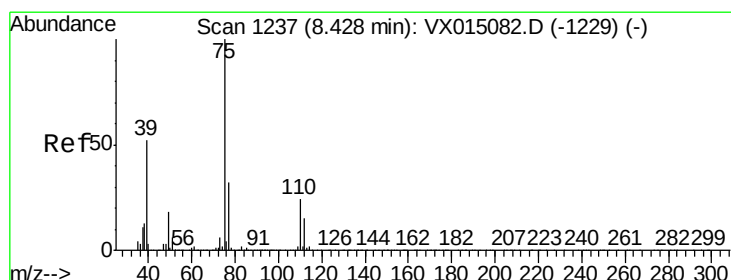
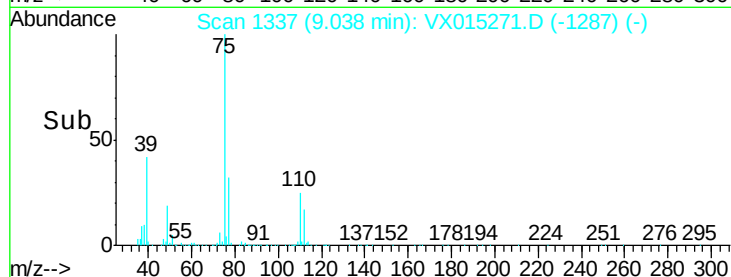
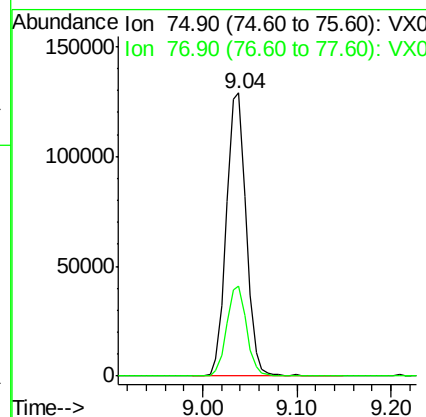
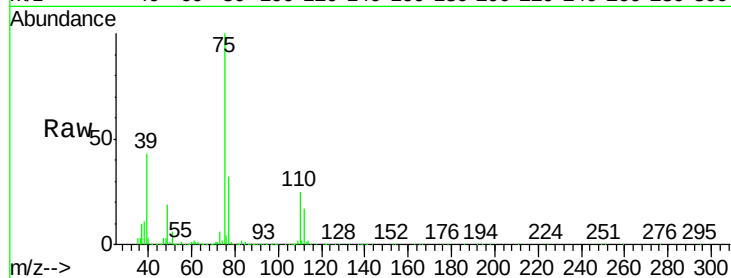
#53
t-1,3-Dichloropropene
Concen: 53.084 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0

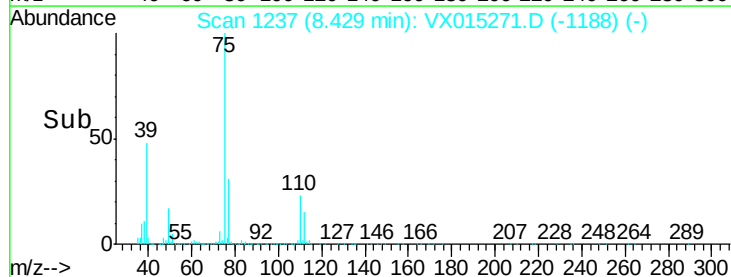
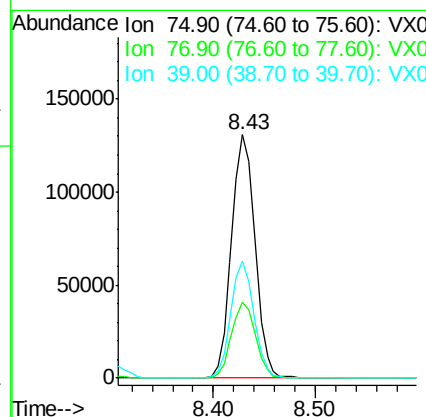
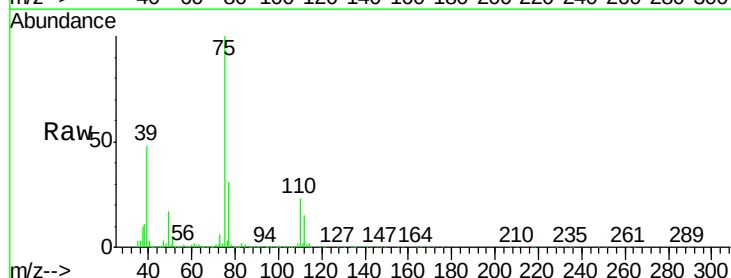
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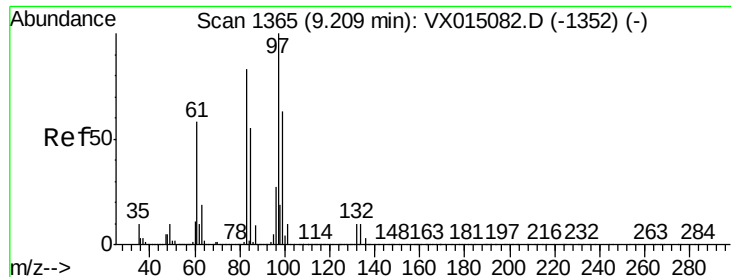
MMDadoda
3/16/2020 2:07:30 PM



#54
cis-1,3-Dichloropropene
Concen: 51.990 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	47.6	41.3	61.9





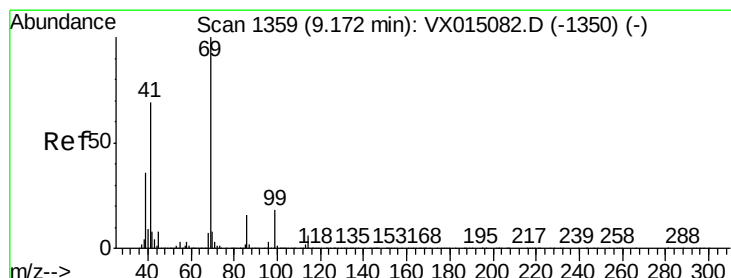
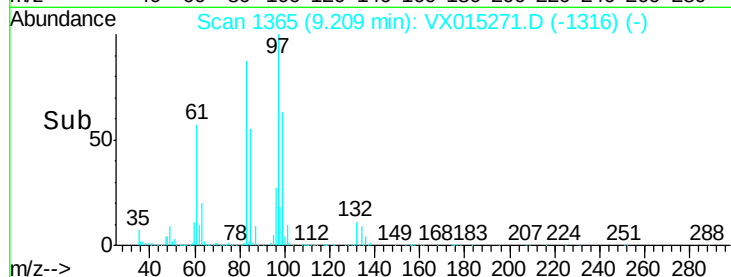
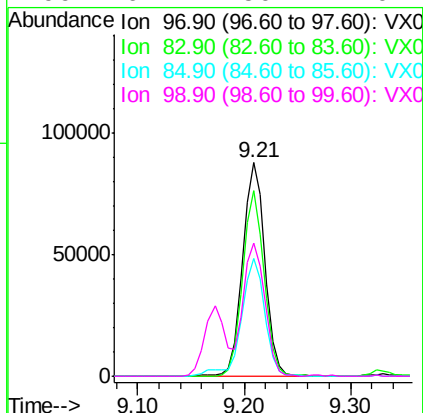
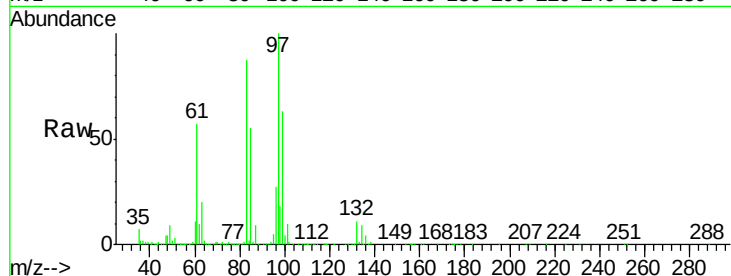
#55
 1,1,2-Trichloroethane
 Concen: 51.149 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128741		
83	86.7	66.4	99.6		
85	54.8	43.5	65.3		
99	62.4	50.7	76.1		

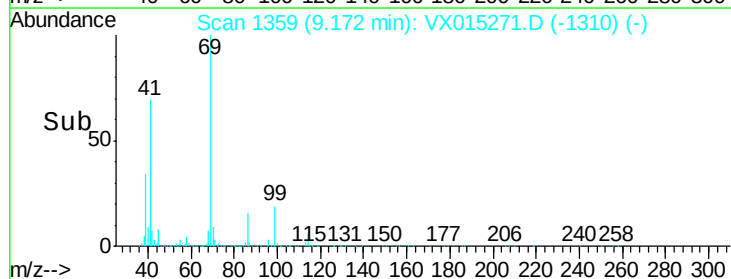
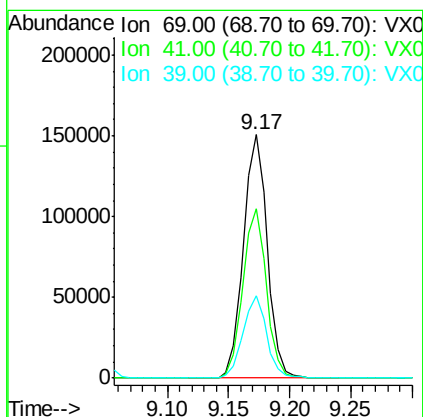
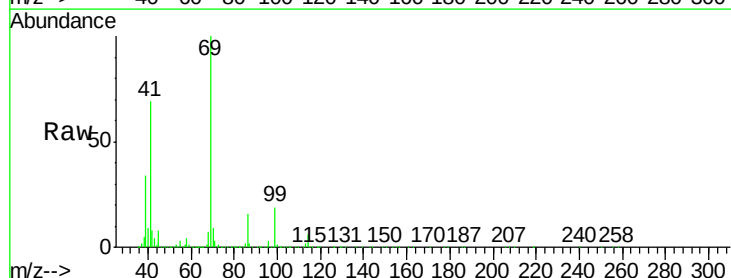
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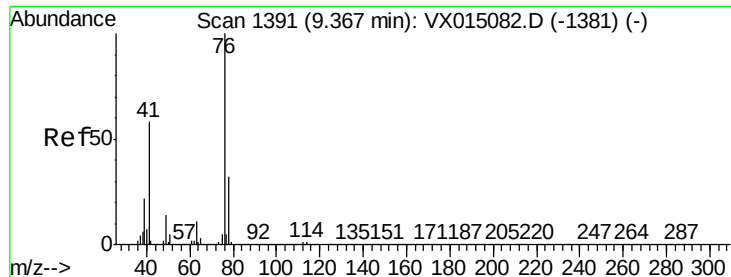
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 56.675 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		203471		
41	68.5	55.8	83.8		
39	33.0	29.4	44.2		





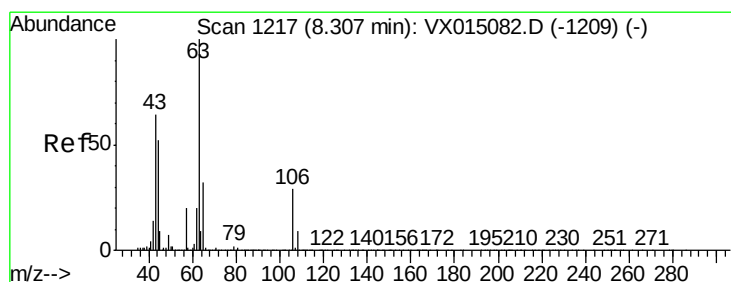
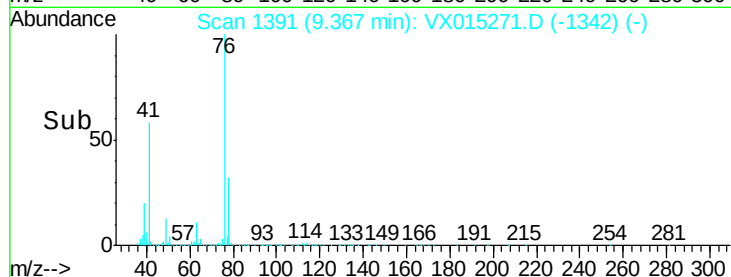
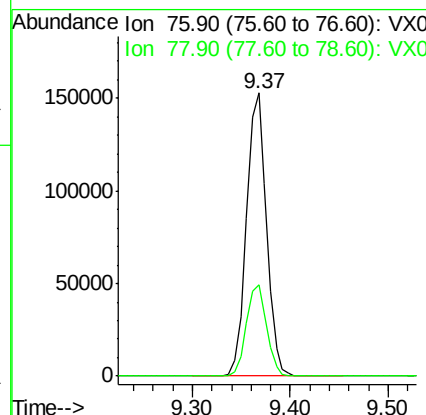
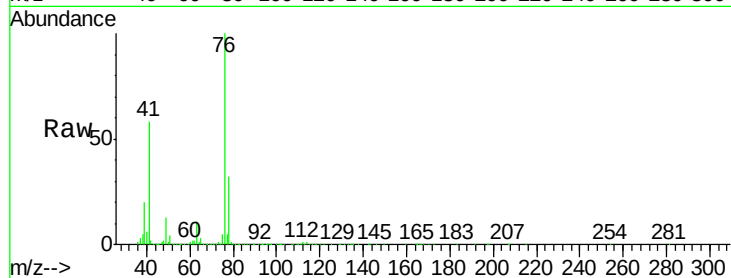
#57
 1,3-Dichloropropane
 Concen: 51.151 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.6	38.4

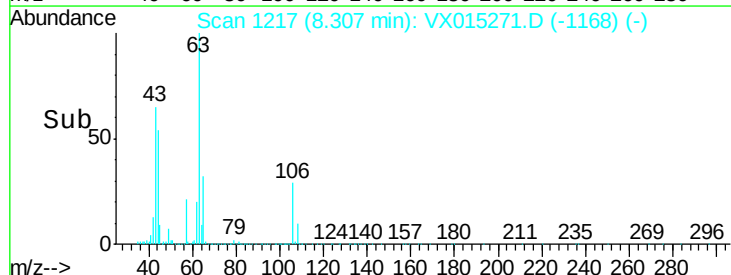
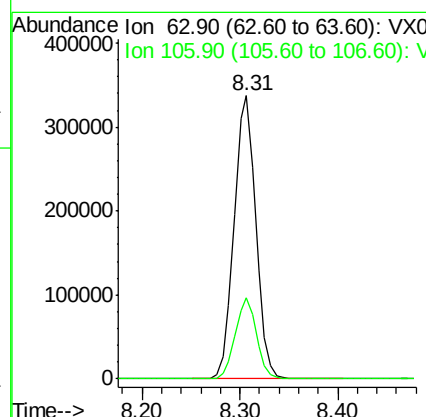
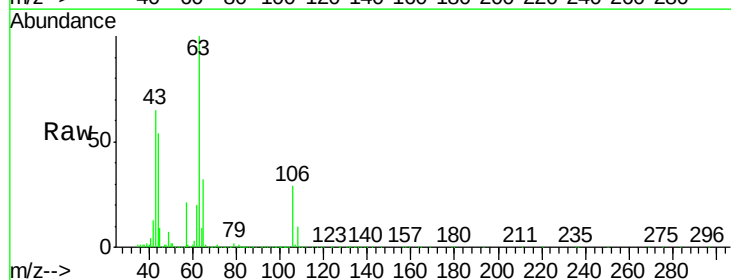
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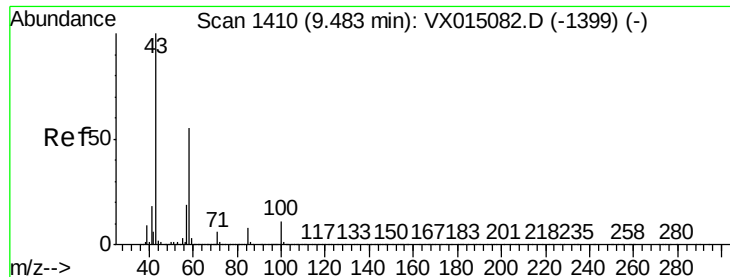
MMDadoda
 3/16/2020 2:07:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.890 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.8	34.2





#59

2-Hexanone

Concen: 287.871 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 693965

Ion Ratio Lower Upper

43 100

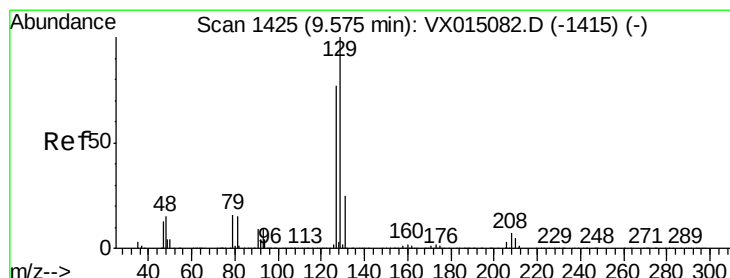
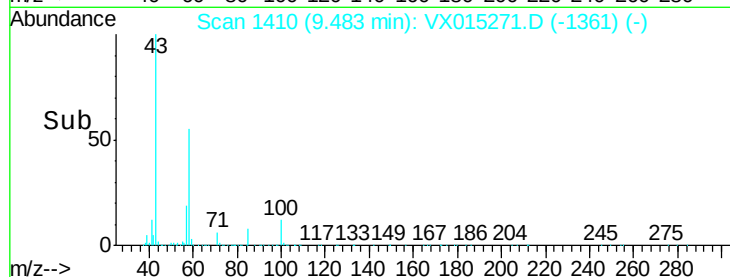
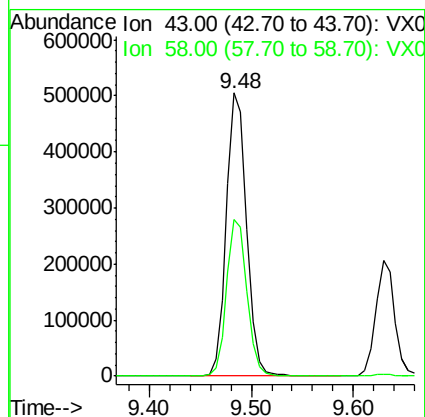
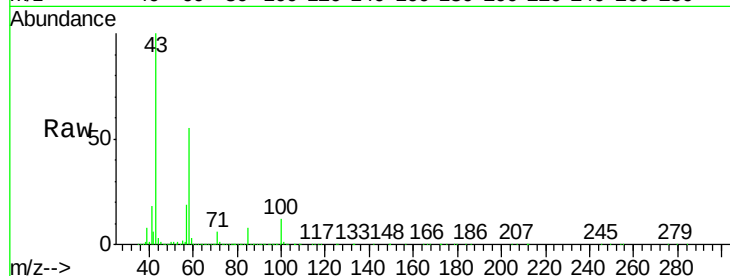
58 55.7 27.3 81.8

Manual Integrations

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MMDadoda

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#60

Dibromochloromethane

Concen: 52.080 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015271.D

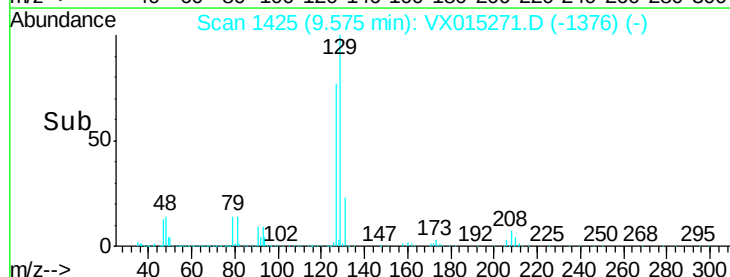
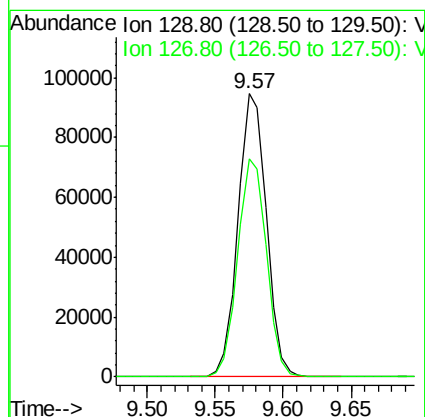
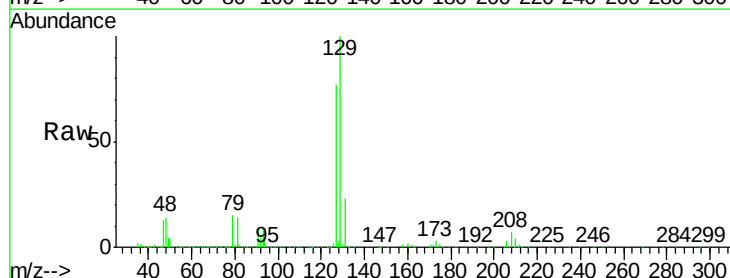
Acq: 13 Mar 2020 19:29

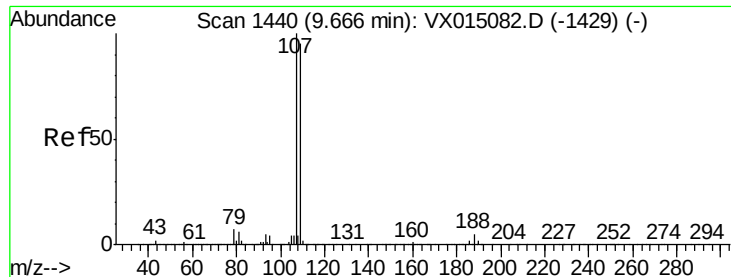
Tgt Ion: 129 Resp: 137699

Ion Ratio Lower Upper

129 100

127 78.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.372 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 133168

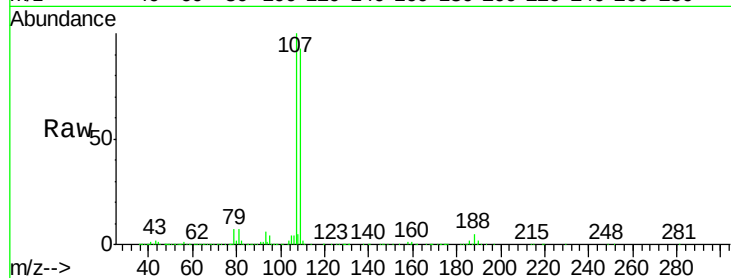
Ion Ratio Lower Upper

107 100

109 92.8 75.6 113.4

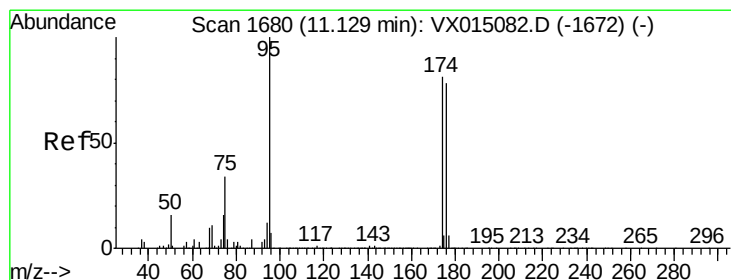
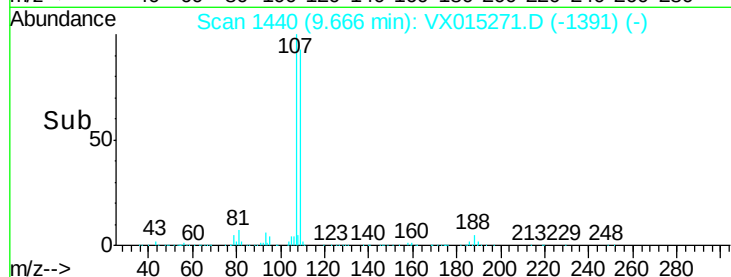
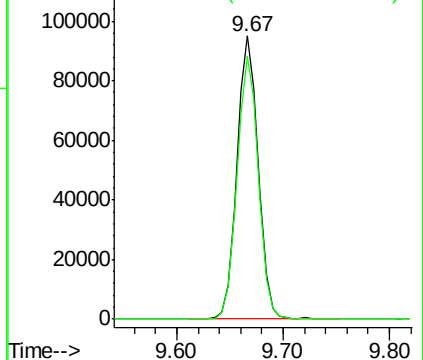
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.464 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

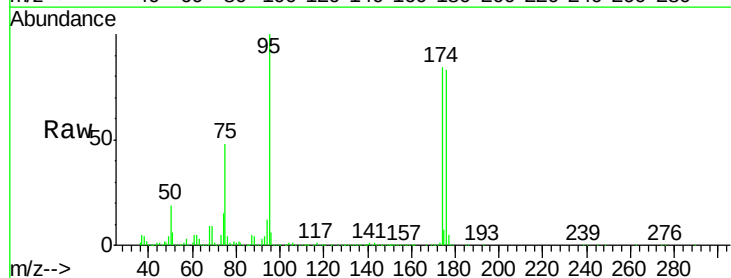
Tgt Ion: 95 Resp: 157509

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.6

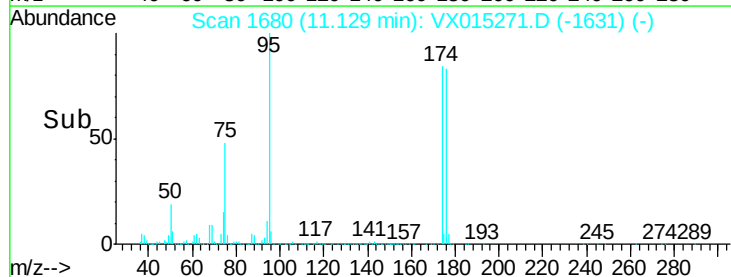
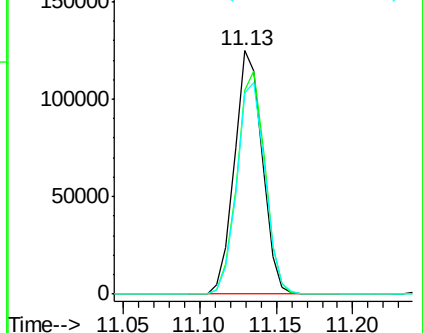
176 88.5 0.0 170.2

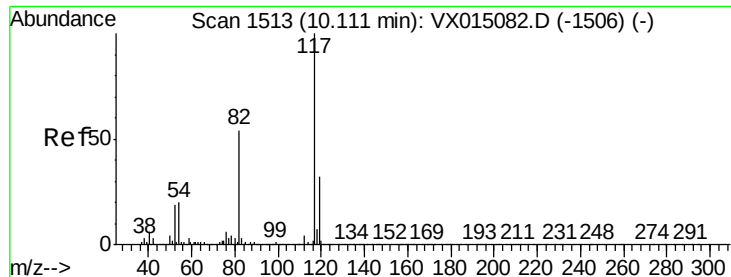


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





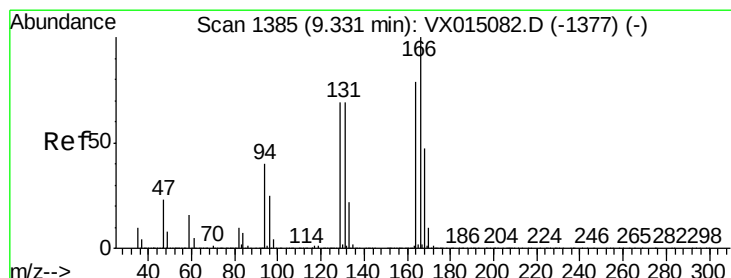
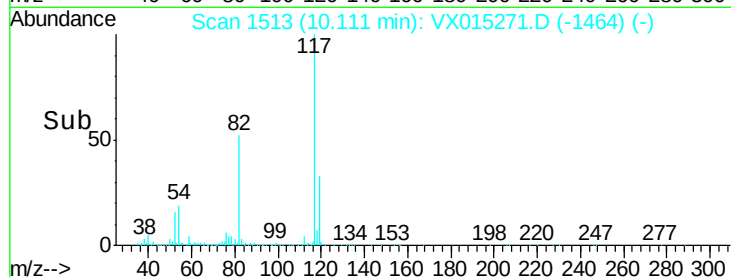
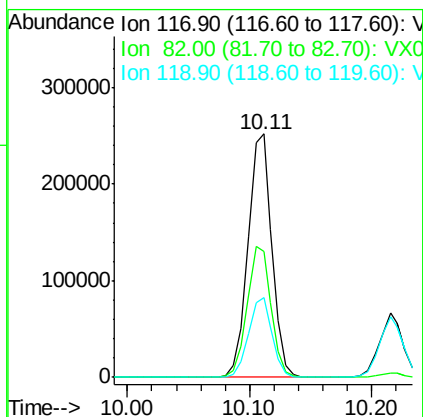
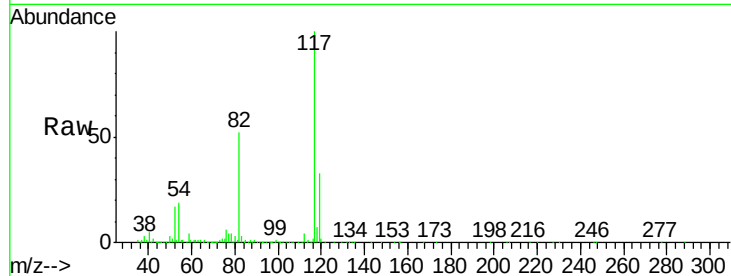
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.3	64.9
119	32.6	25.8	38.8

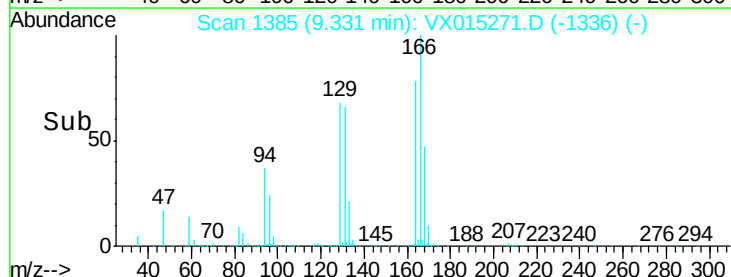
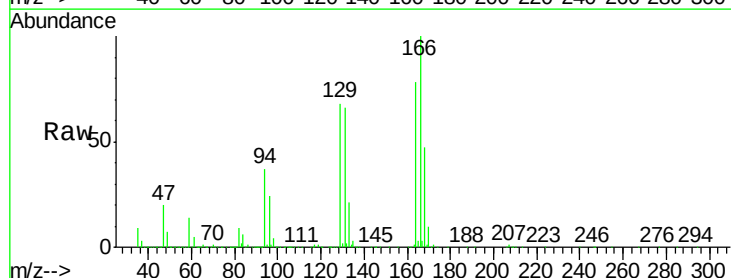
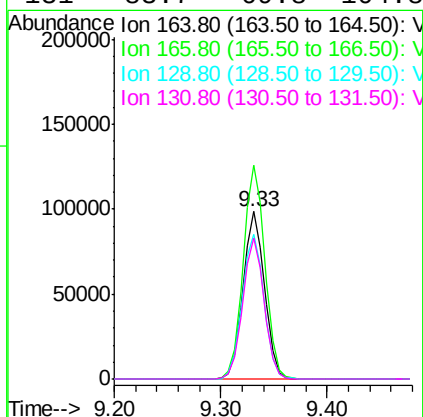
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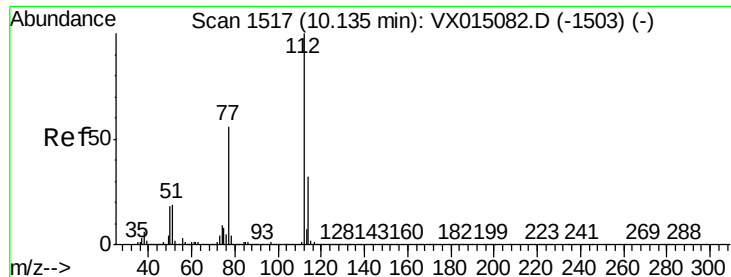
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#64
Tetrachloroethene
Concen: 49.456 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.1	151.7
129	86.6	69.4	104.0
131	83.7	69.8	104.8





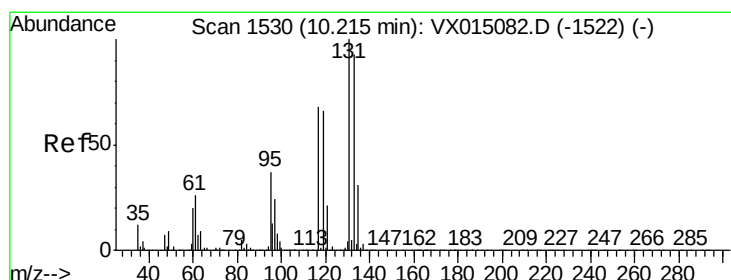
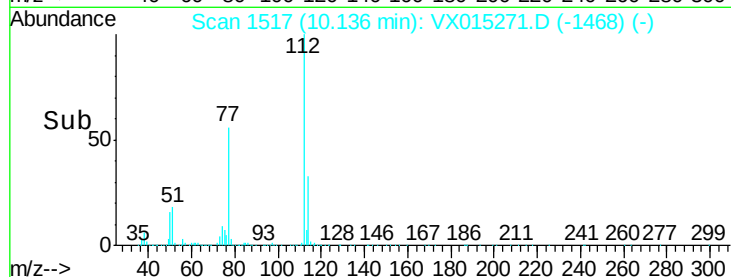
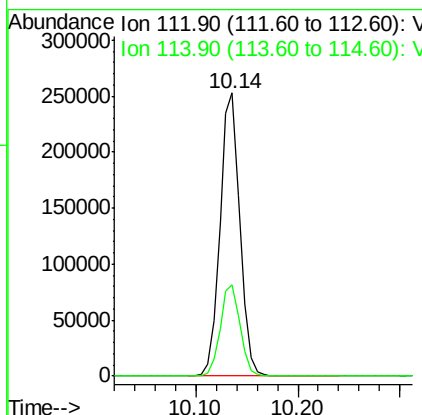
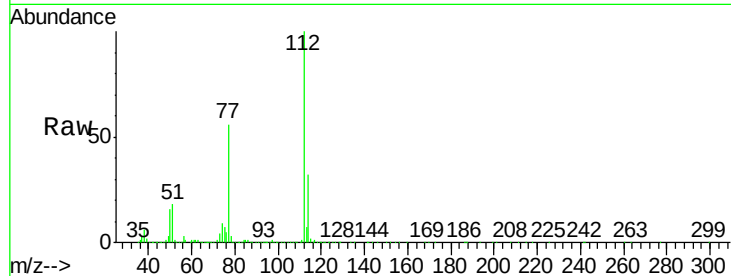
#65
Chlorobenzene
Concen: 49.963 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.5	38.3

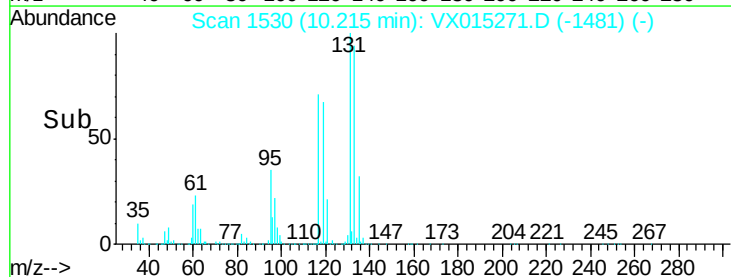
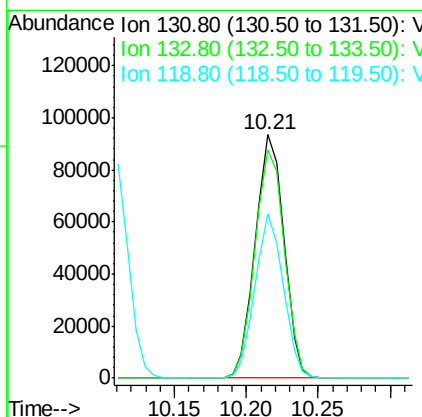
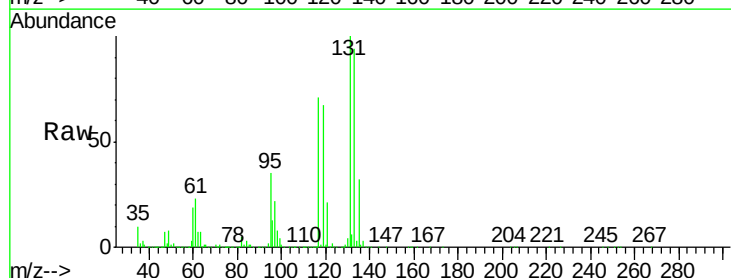
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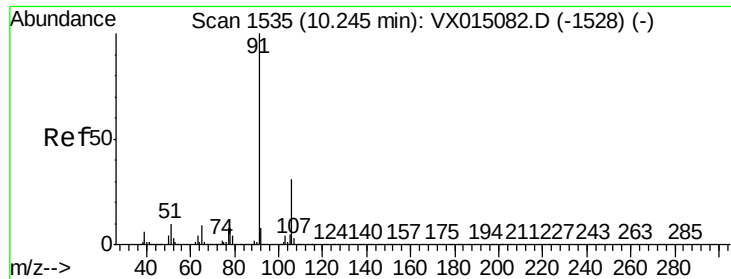
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.783 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.5	142.5
119	66.0	33.4	100.1





#67

Ethyl Benzene

Concen: 51.616 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 601305

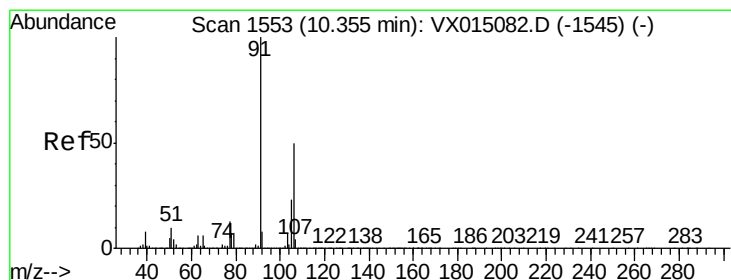
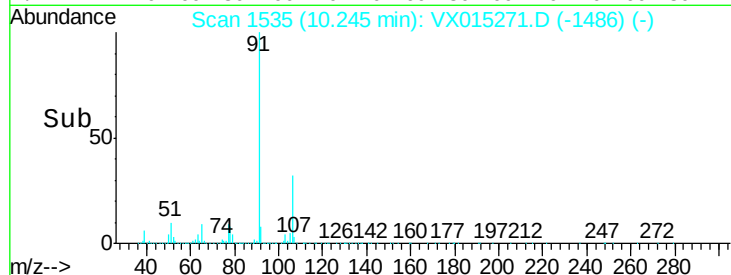
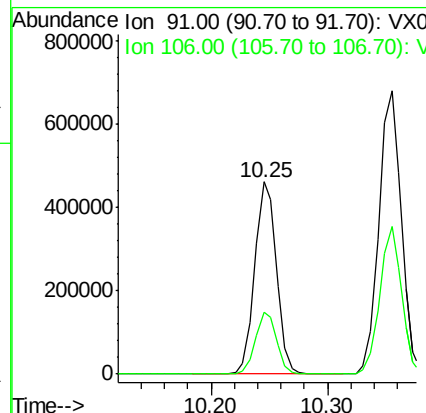
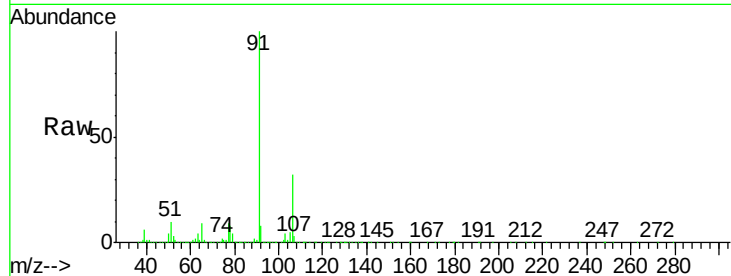
Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.986 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015271.D

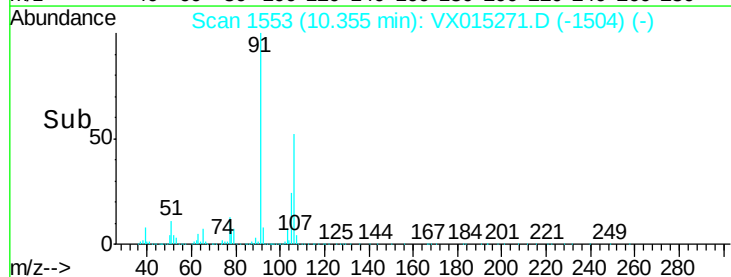
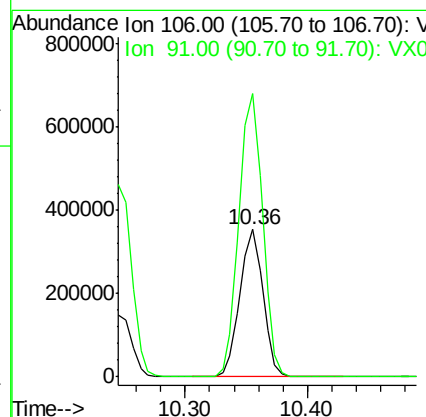
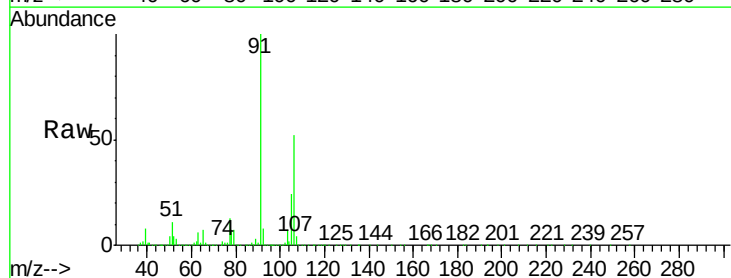
Acq: 13 Mar 2020 19:29

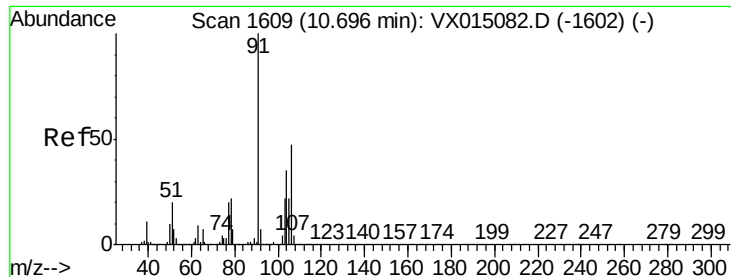
Tgt Ion: 106 Resp: 460890

Ion Ratio Lower Upper

106 100

91 197.7 159.4 239.2





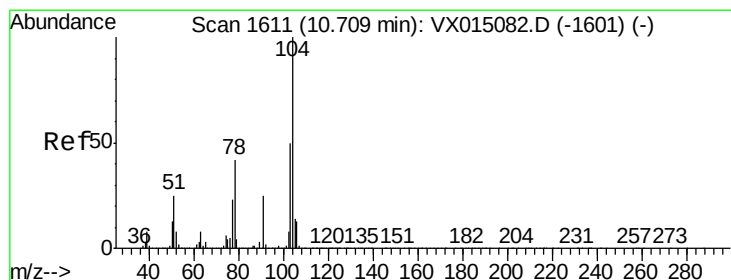
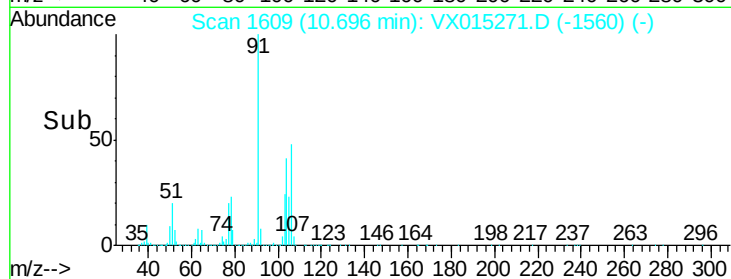
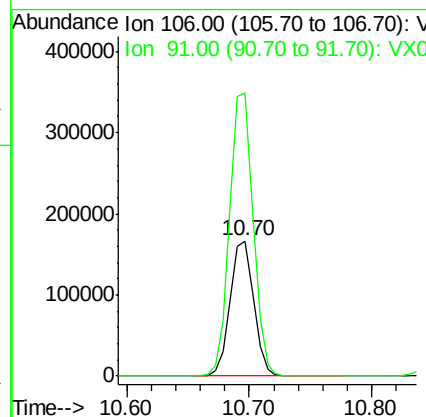
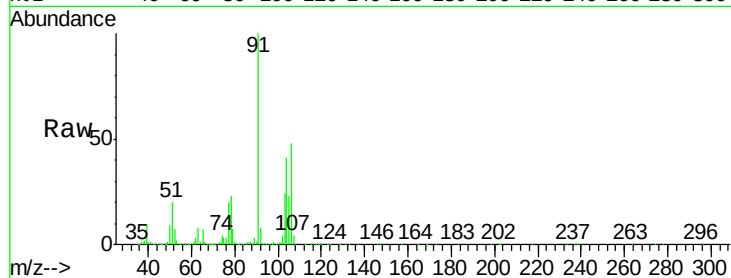
#69
o-Xylene
Concen: 52.247 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	221715		
91	209.8	105.4	316.1	

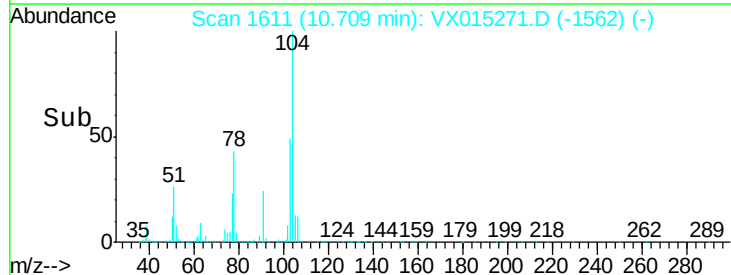
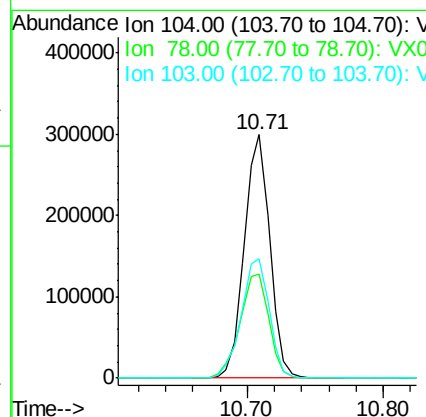
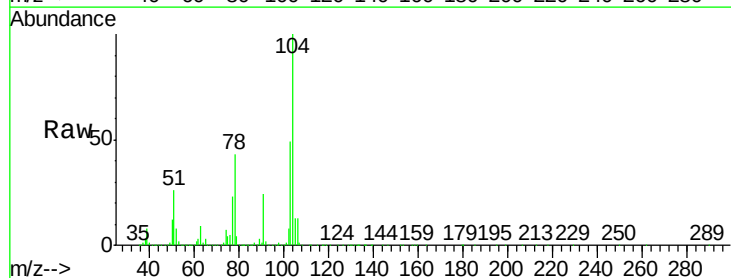
Manual Integrations
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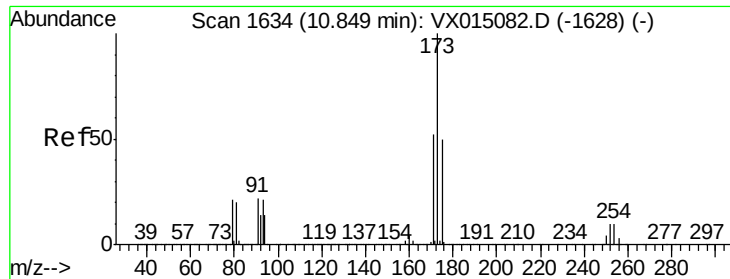
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#70
Styrene
Concen: 53.969 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	392679		
78	48.4	39.0	58.4	
103	53.8	43.7	65.5	





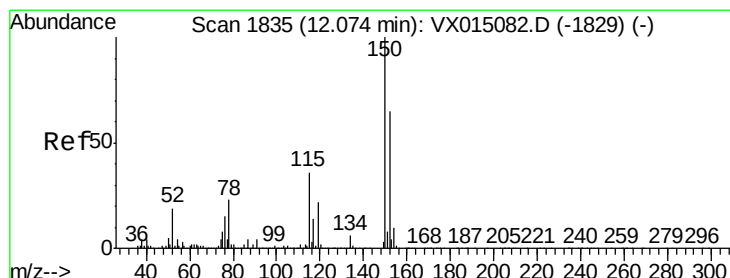
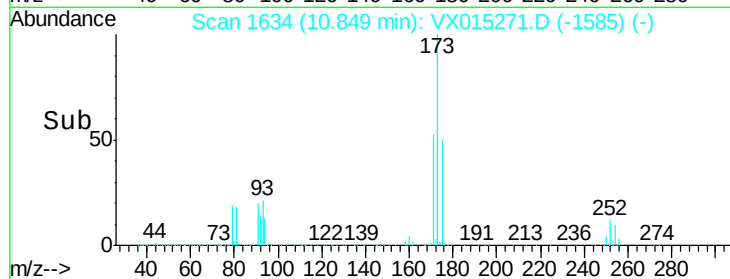
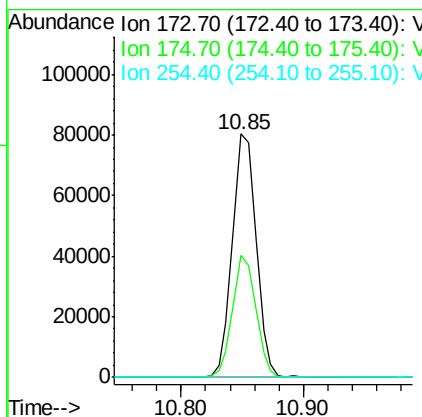
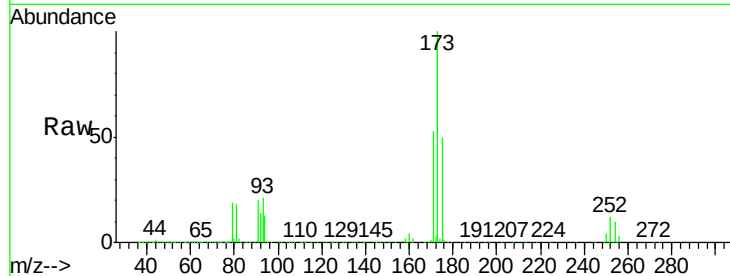
#71
Bromoform
Concen: 53.929 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.7
254	0.2	0.2	0.2

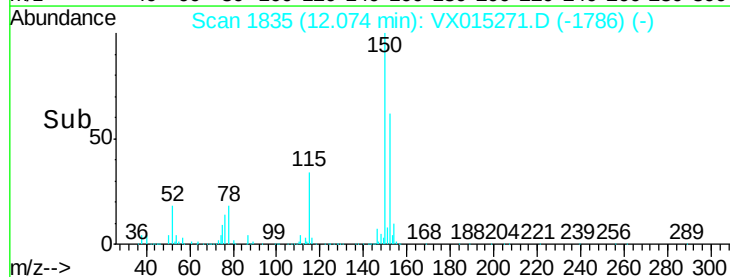
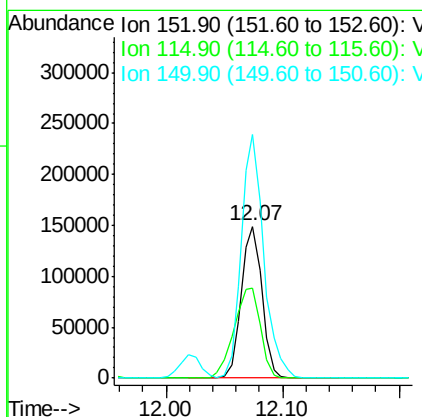
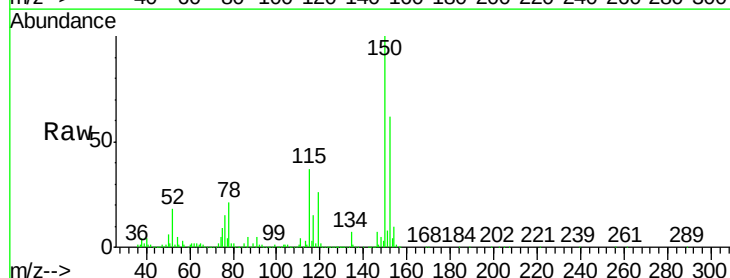
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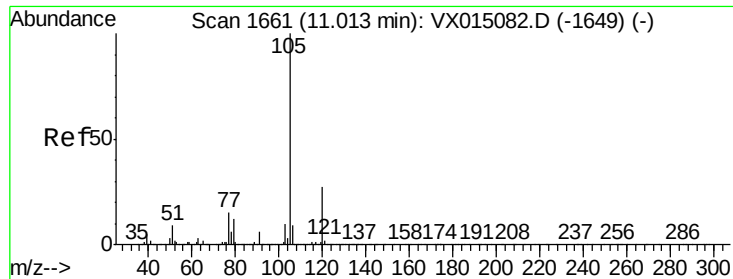
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.8	38.2	114.6
150	173.1	0.0	343.8





#73

Isopropylbenzene

Concen: 50.081 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015271.D

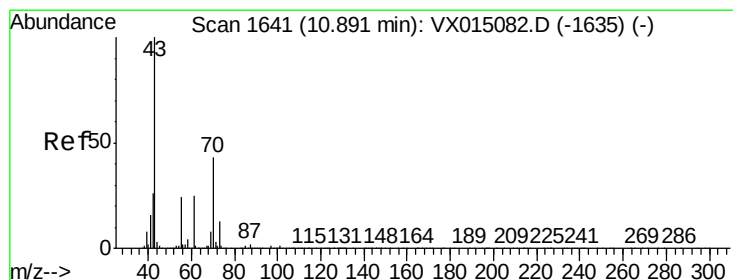
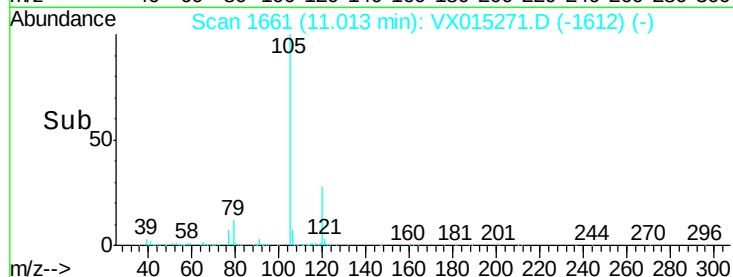
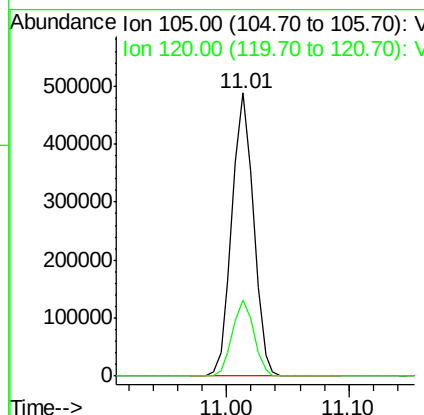
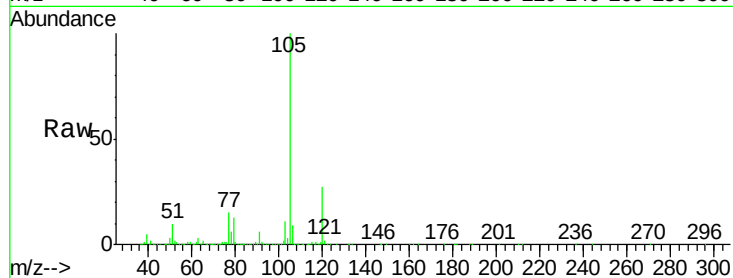
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 52.301 ug/l

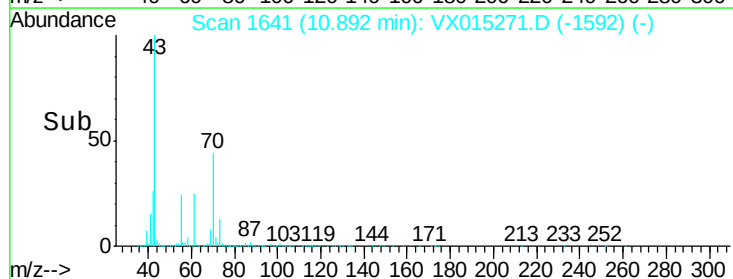
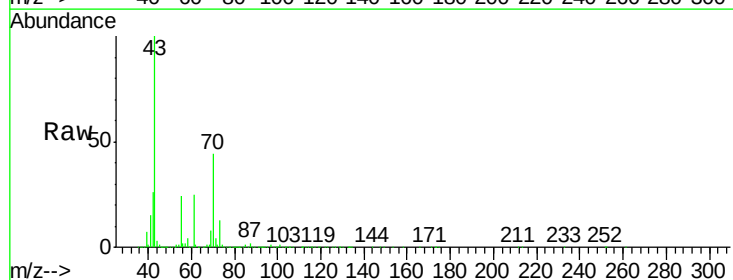
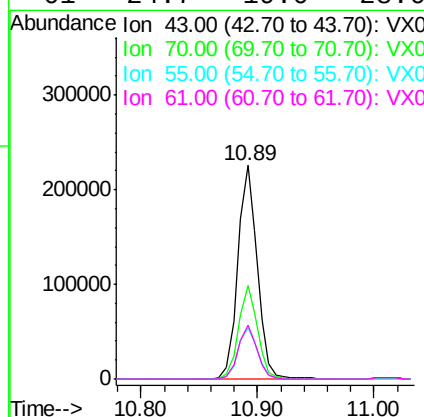
RT: 10.89 min Scan# 1641

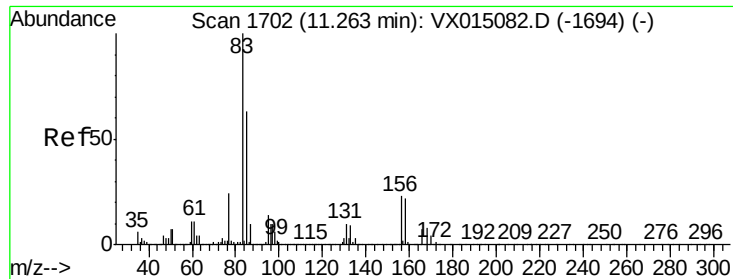
Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.7	52.1
55	24.2	19.4	29.0
61	24.7	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.764 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

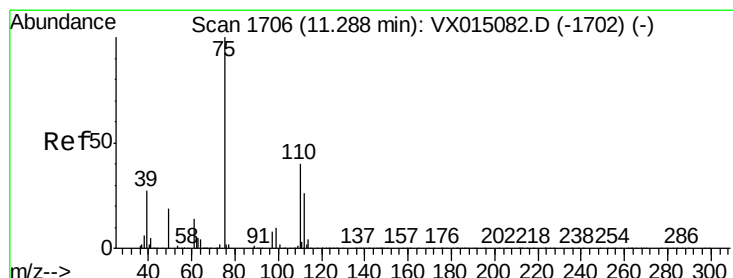
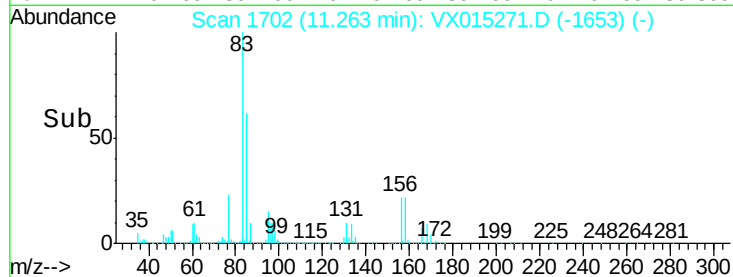
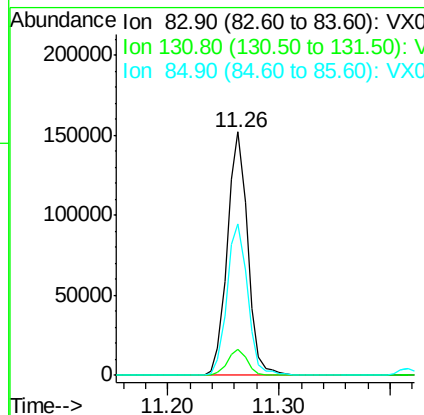
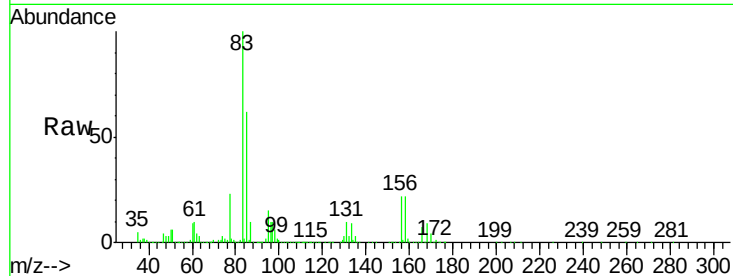
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	192796
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	63.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 43.121 ug/l m

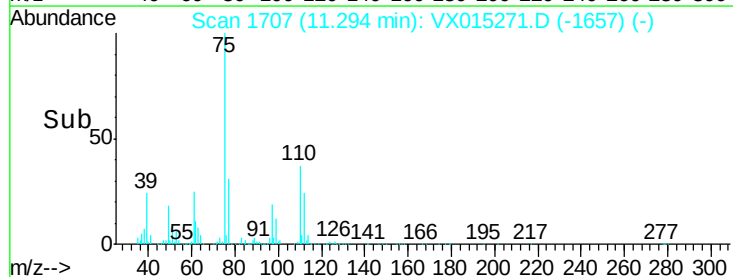
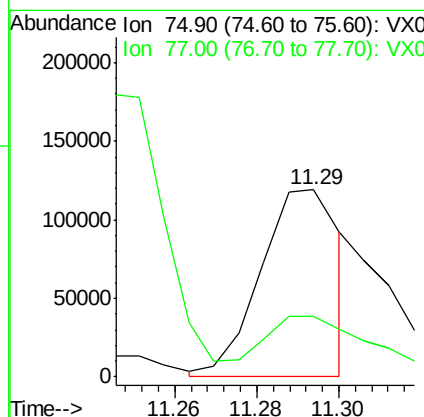
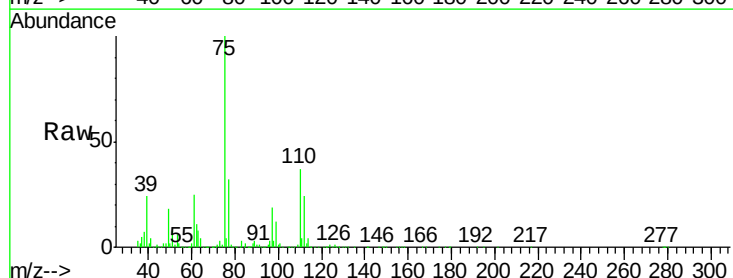
RT: 11.29 min Scan# 1707

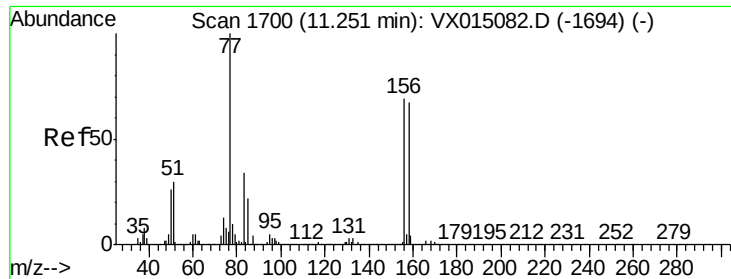
Delta R.T. 0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:	75	Resp:	159739
Ion Ratio	Lower	Upper	
75	100		
77	45.5	22.6	67.8





#77

Bromobenzene

Concen: 48.411 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

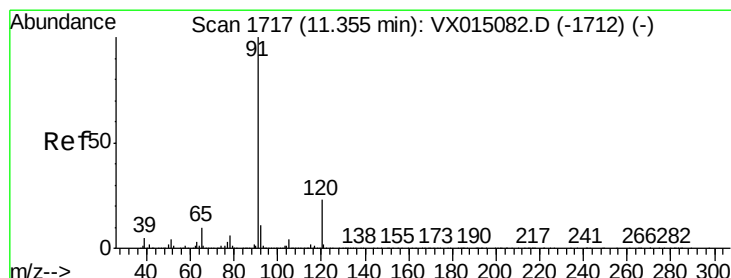
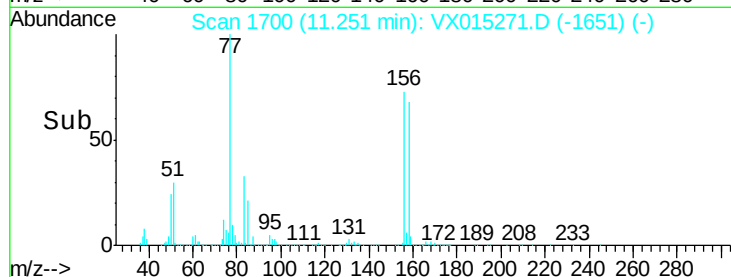
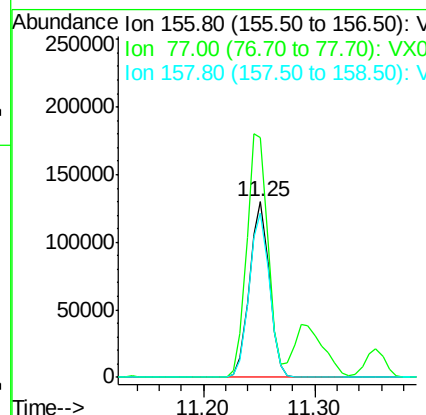
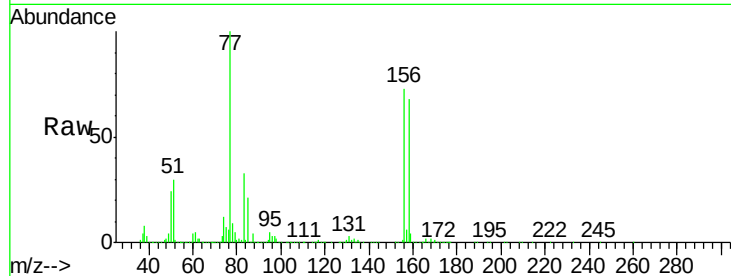
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	160056
Ion Ratio	Lower	Upper	
156	100		
77	147.9	75.3	225.9
158	96.3	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.002 ug/l

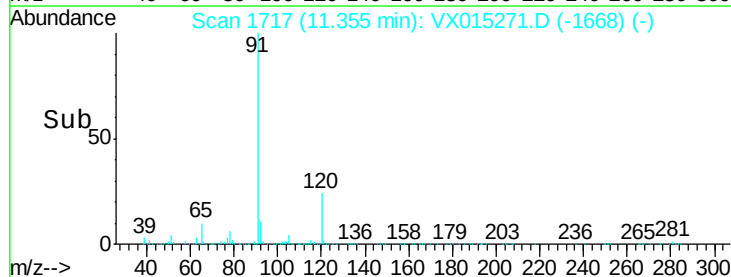
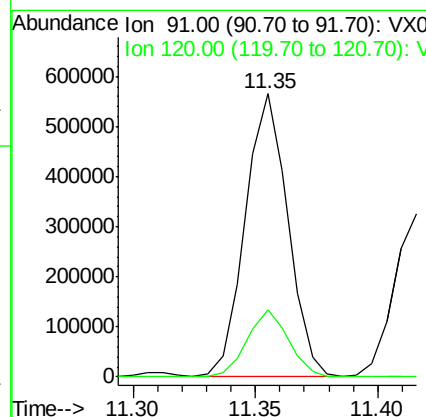
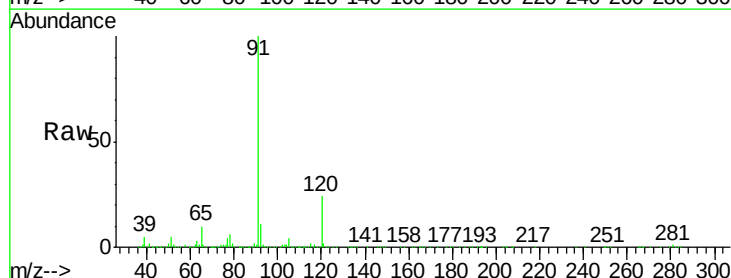
RT: 11.35 min Scan# 1717

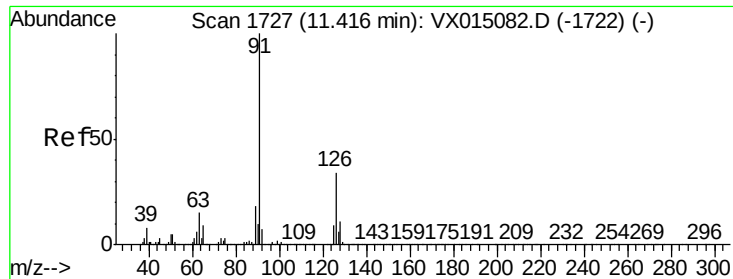
Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Tgt Ion:	91	Resp:	677706
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





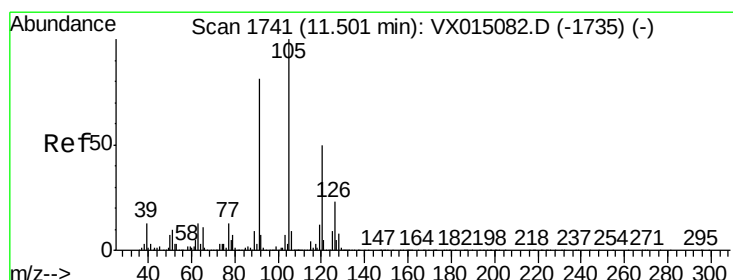
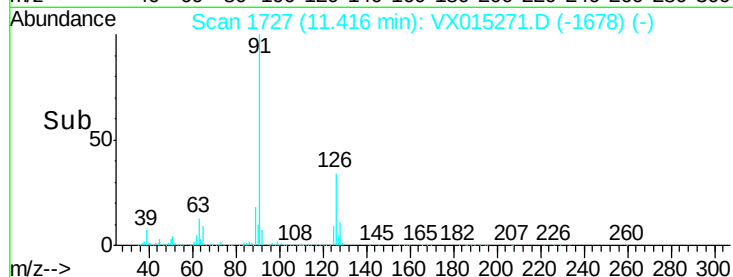
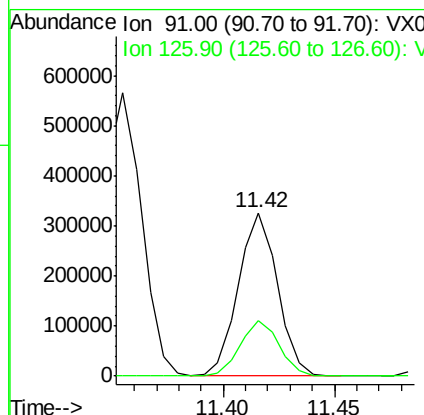
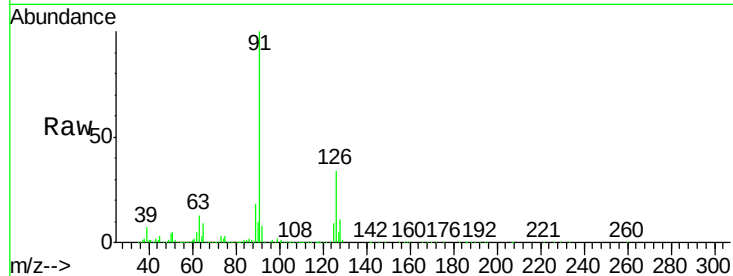
#79
 2-Chlorotoluene
 Concen: 49.193 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.3	52.0

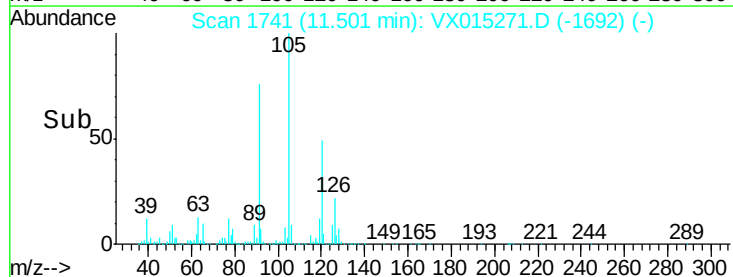
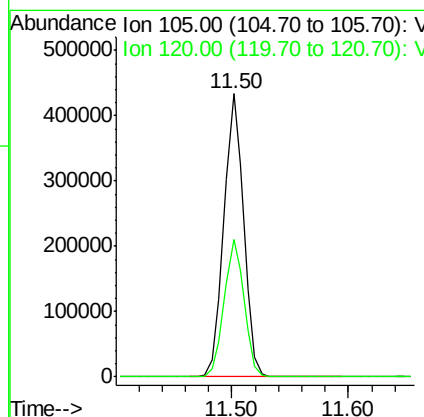
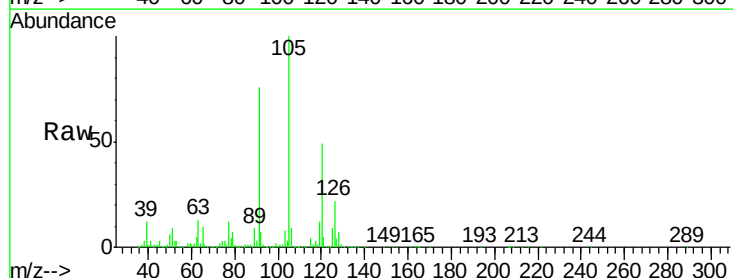
Manual Integrations
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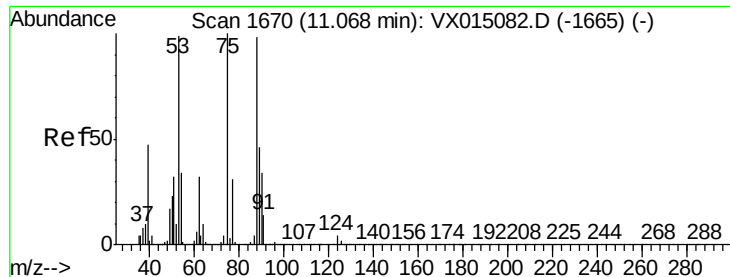
MMDadoda
 3/16/2020 2:07:30 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.152 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.1	75.4





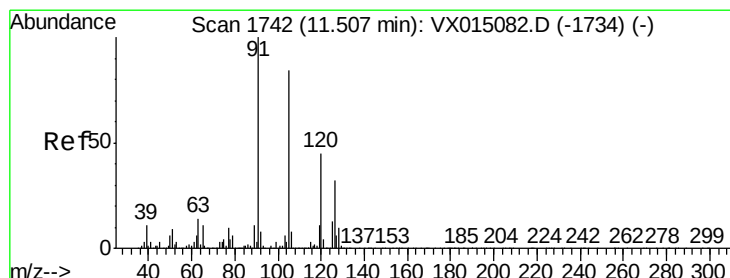
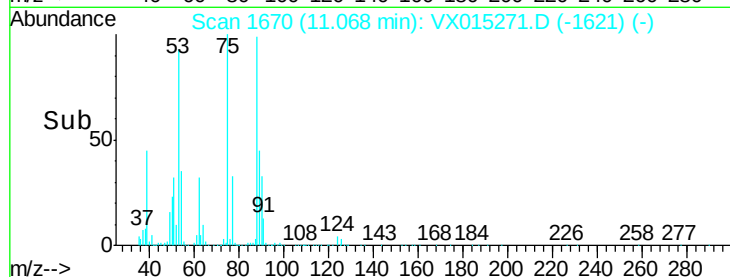
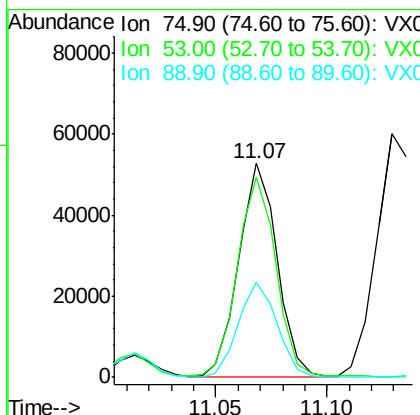
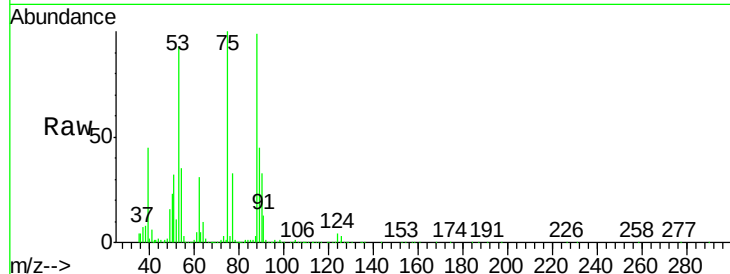
#81
trans-1,4-Dichloro-2-butene
Concen: 48.731 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	77.9	116.9
89	45.5	36.2	54.2

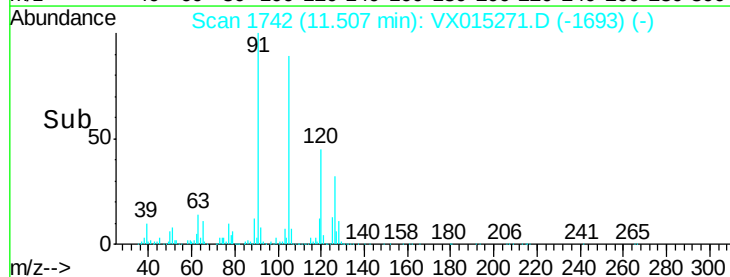
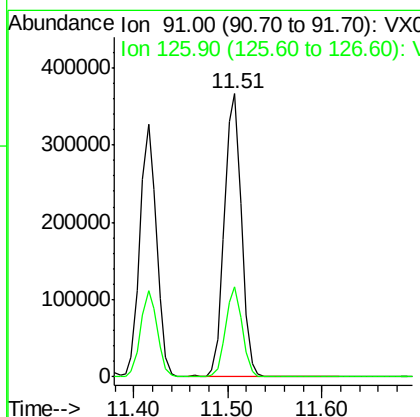
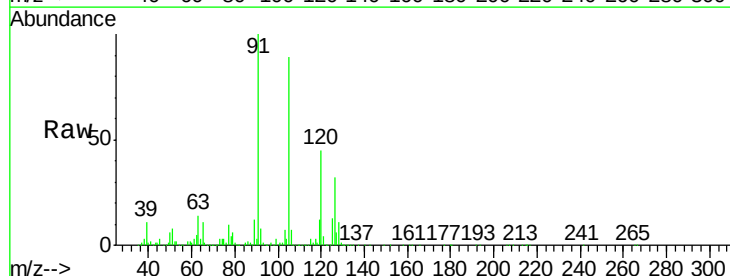
Manual Integrations
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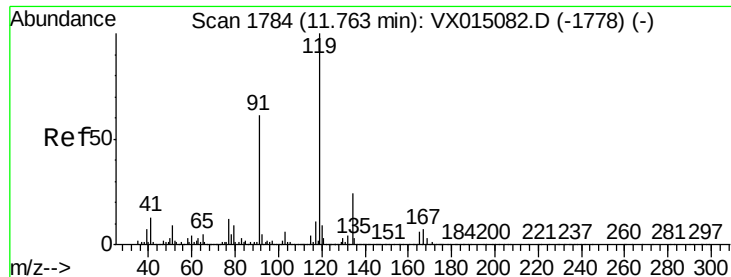
MMDadoda
3/16/2020 2:07:30 PM



#82
4-Chlorotoluene
Concen: 48.304 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





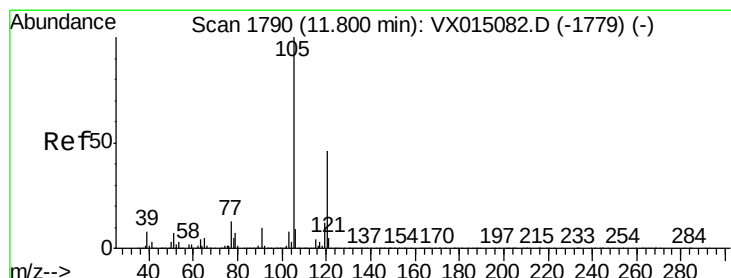
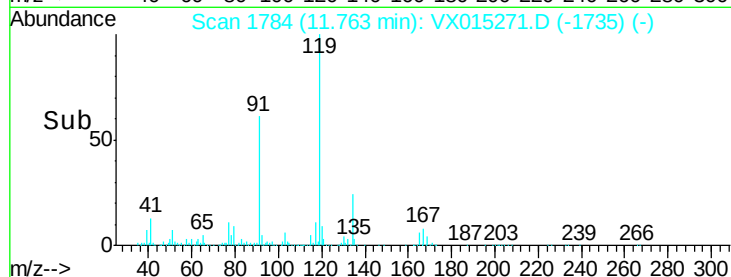
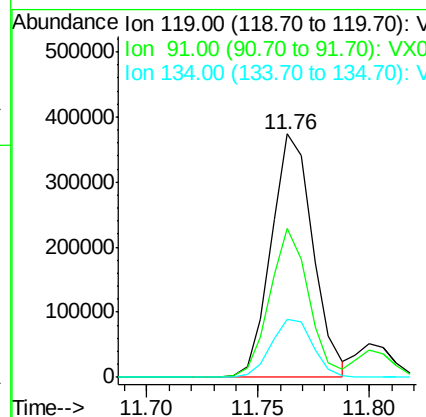
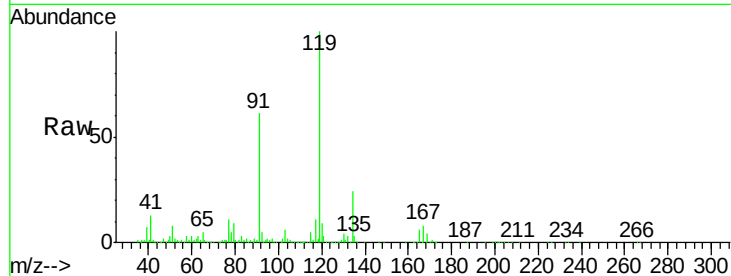
#83
 tert-Butylbenzene
 Concen: 50.938 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.5	85.6
134	24.0	11.9	35.7

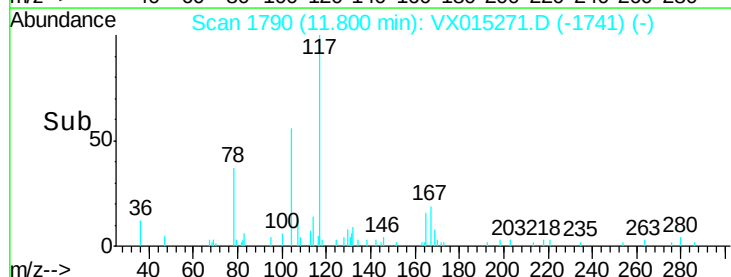
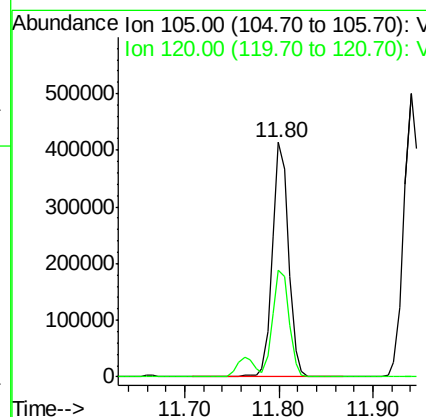
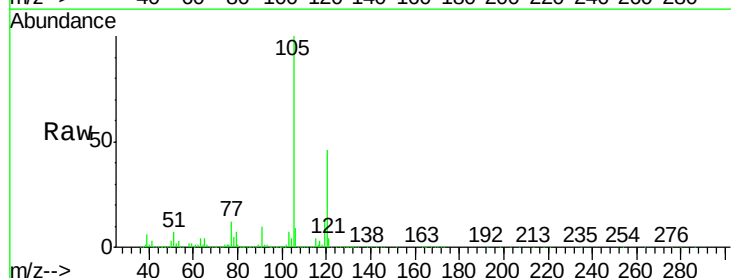
Manual Integrations
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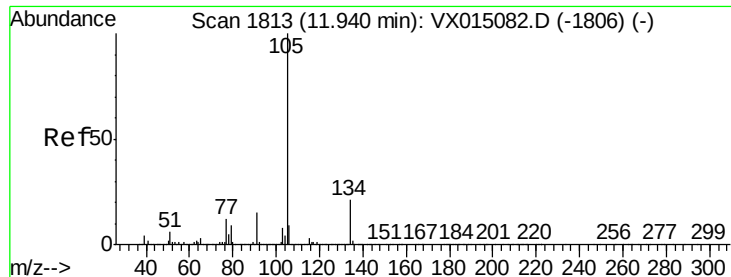
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 3/16/2020 2:07:30 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.481 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 51.300 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 591366

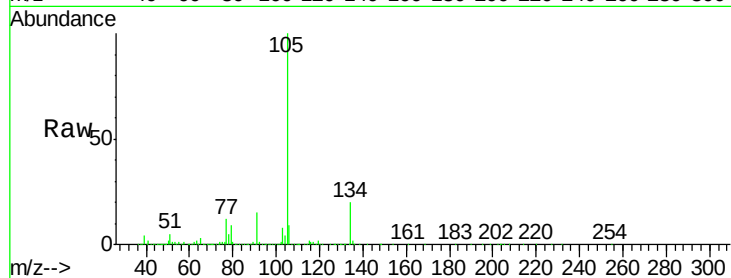
Ion Ratio Lower Upper

105 100

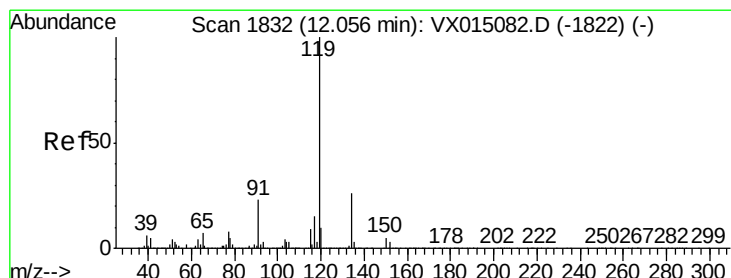
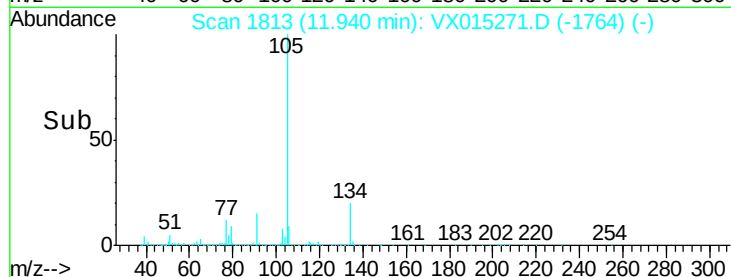
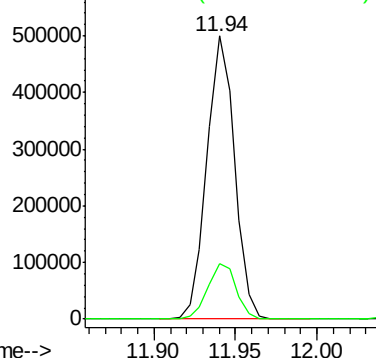
134 20.3 10.4 31.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.990 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015271.D

Acq: 13 Mar 2020 19:29

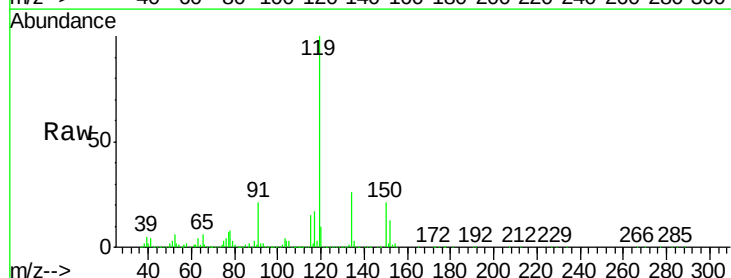
Tgt Ion:119 Resp: 541546

Ion Ratio Lower Upper

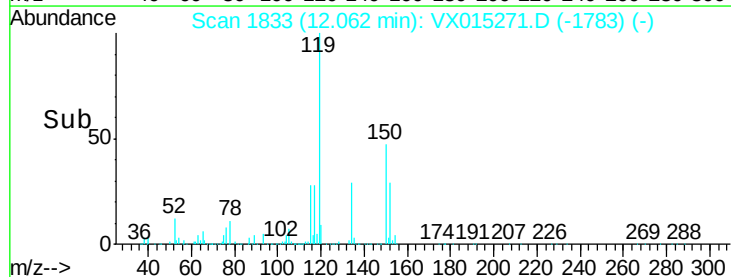
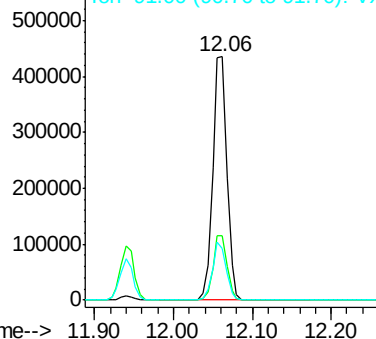
119 100

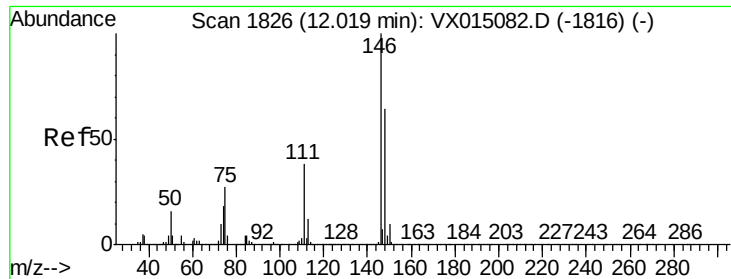
134 26.3 13.4 40.1

91 22.9 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





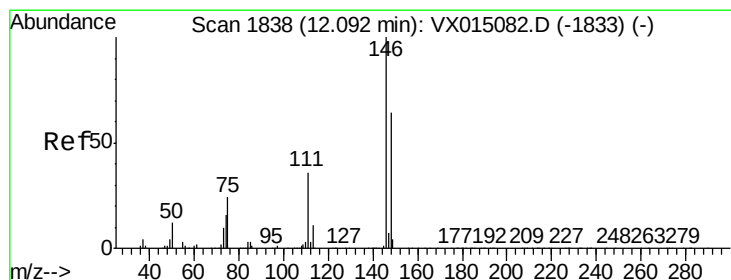
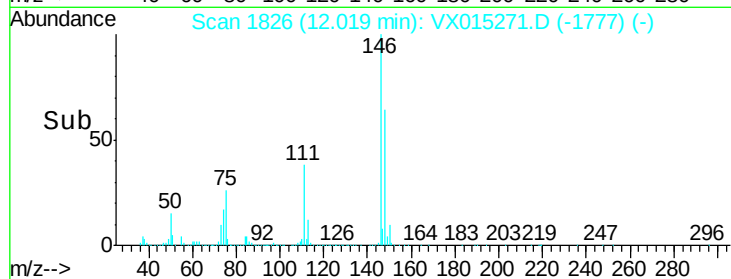
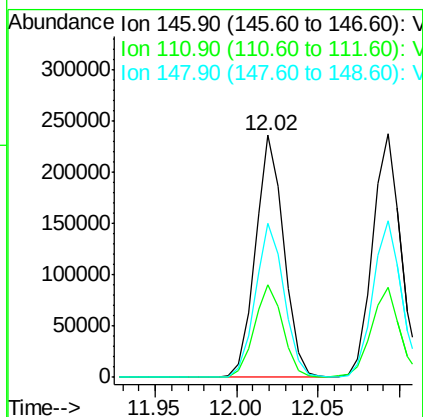
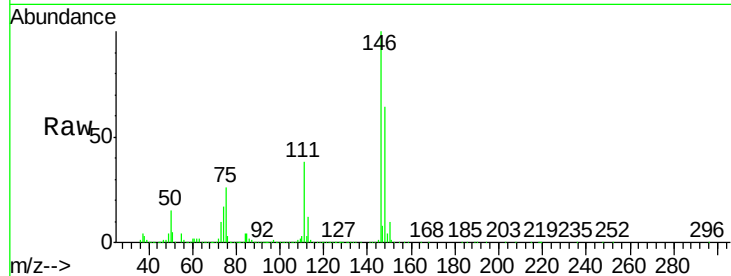
#87
 1,3-Dichlorobenzene
 Concen: 48.888 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	64.7	31.9	95.5

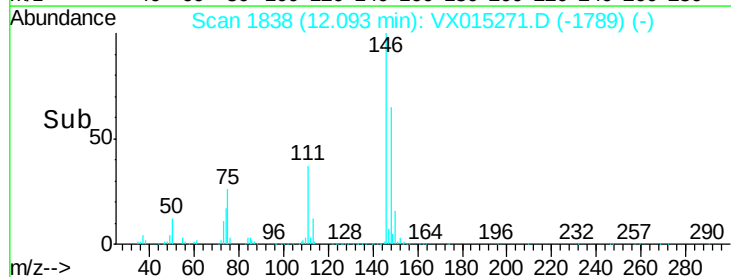
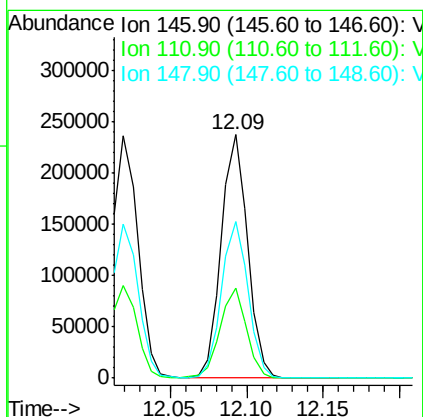
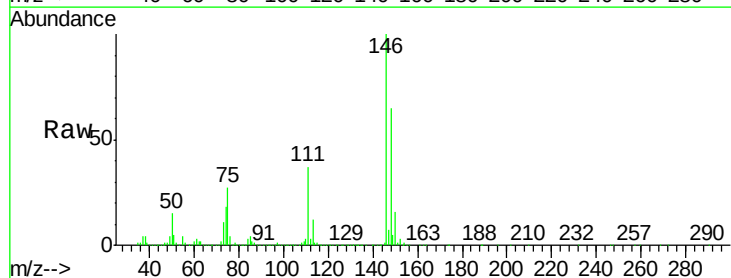
Manual Integrations
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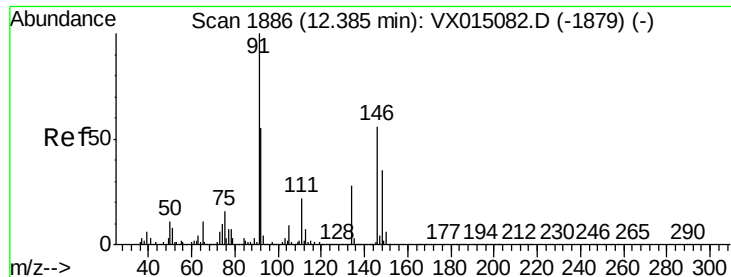
MMDadoda
 3/16/2020 2:07:30 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.199 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	65.0	32.5	97.4





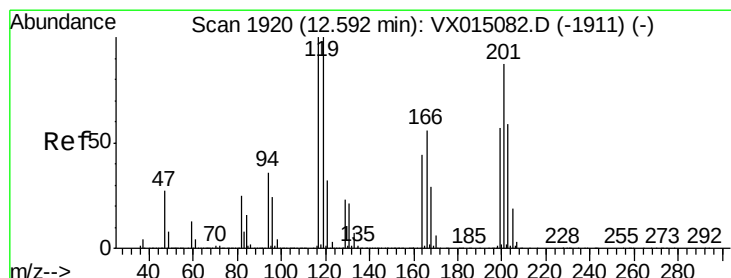
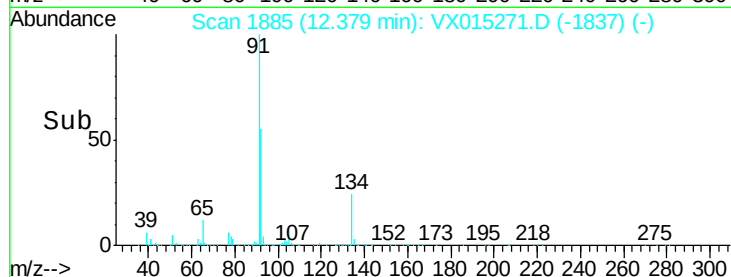
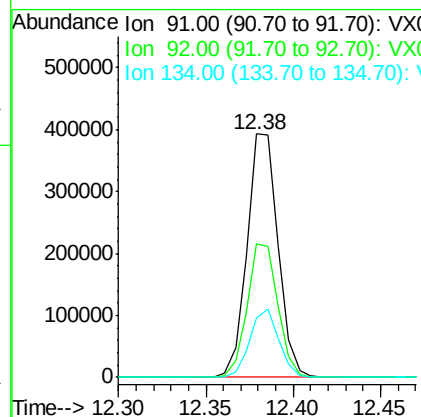
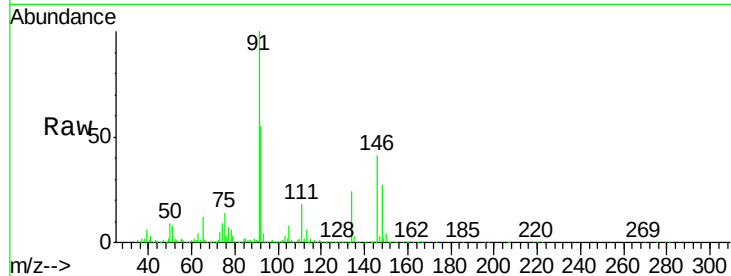
#89
n-Butylbenzene
Concen: 50.982 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	26.5	13.5	40.5

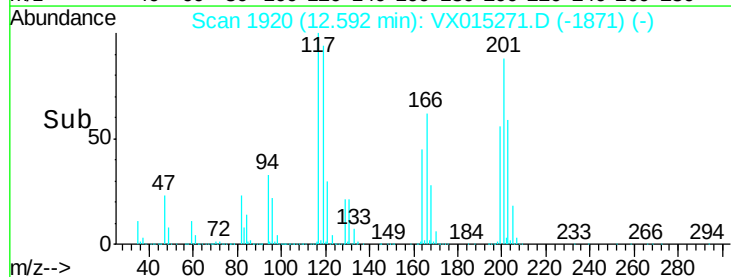
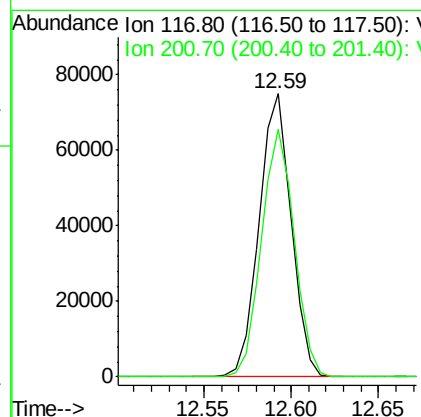
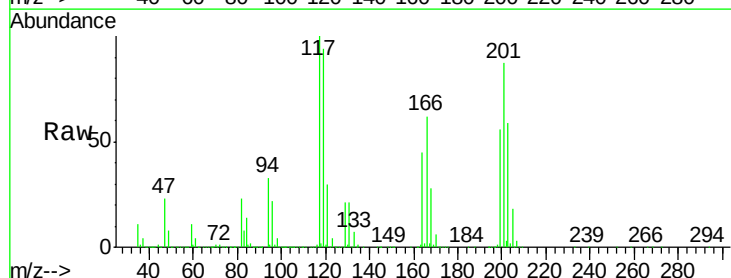
Manual Integrations
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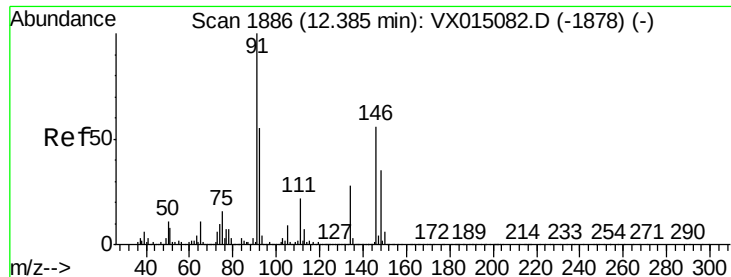
MMDadoda
3/16/2020 2:07:30 PM



#90
Hexachloroethane
Concen: 47.659 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	43.5	130.7





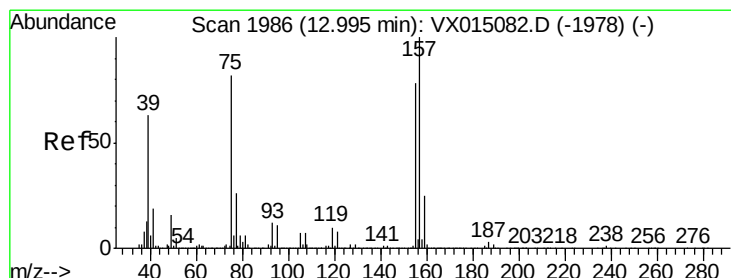
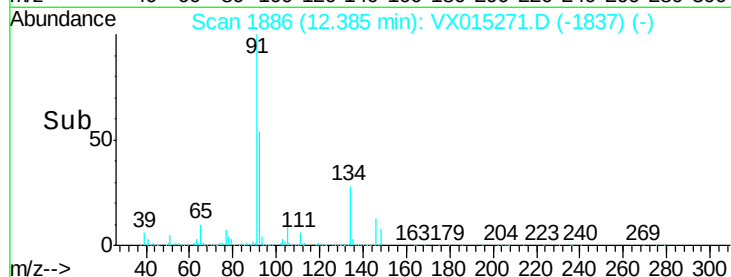
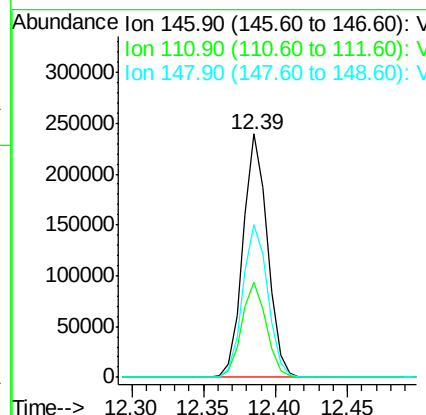
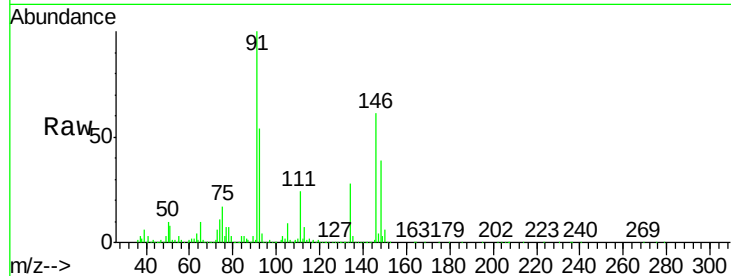
#91
 1,2-Dichlorobenzene
 Concen: 49.035 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	283345		
111	39.3	19.9	59.7	
148	64.3	32.3	96.8	

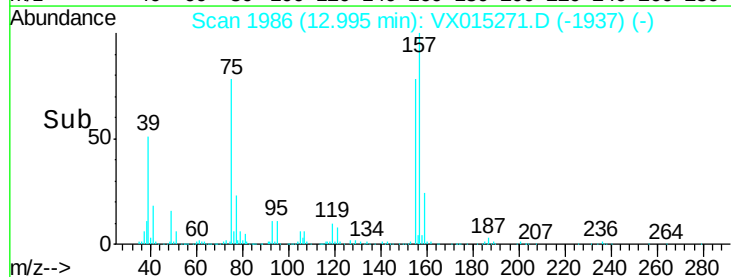
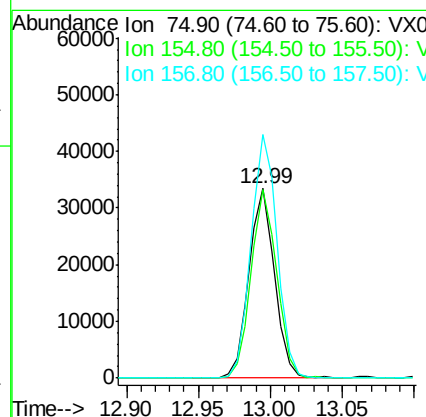
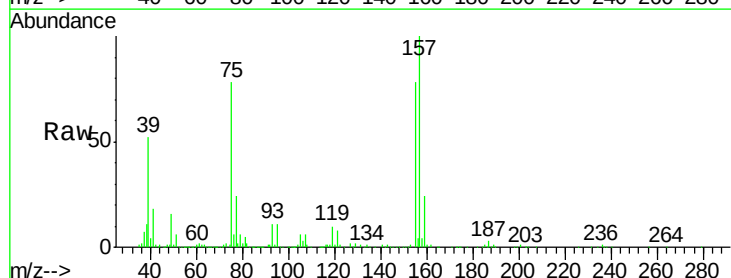
Manual Integrations
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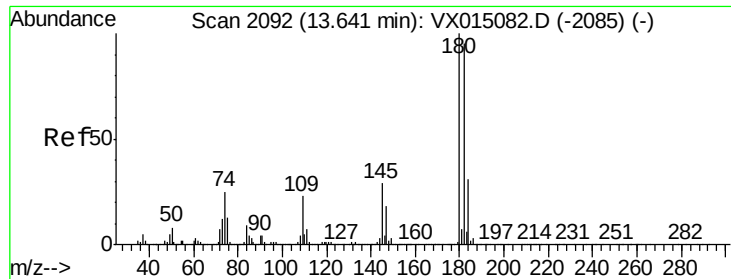
MMDadoda
 3/16/2020 2:07:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.567 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40826		
155	100.2	46.6	139.7	
157	131.1	59.2	177.5	





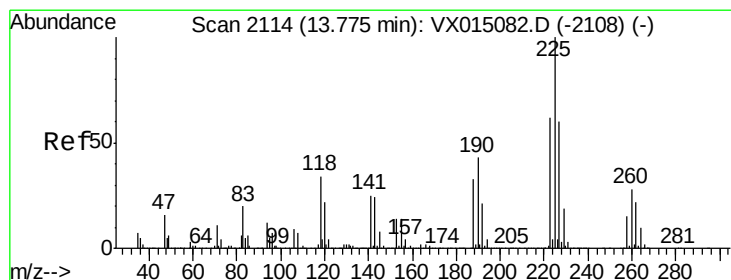
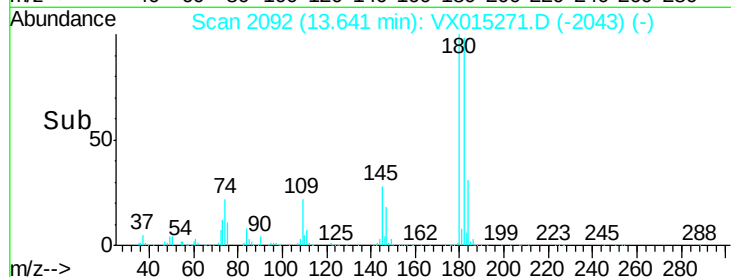
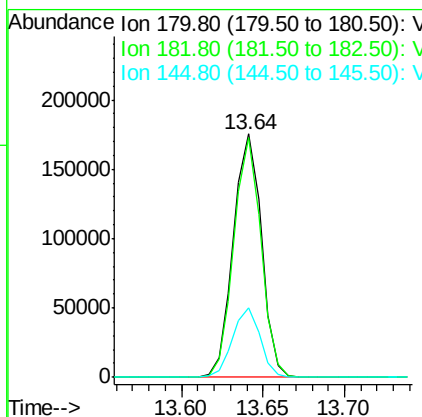
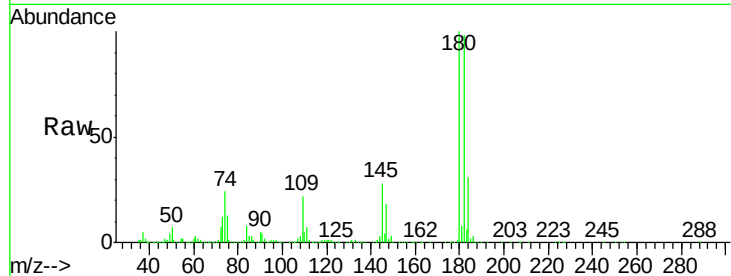
#93
 1,2,4-Trichlorobenzene
 Concen: 52.572 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210871		
182	95.7	47.6	142.8	
145	28.2	14.1	42.2	

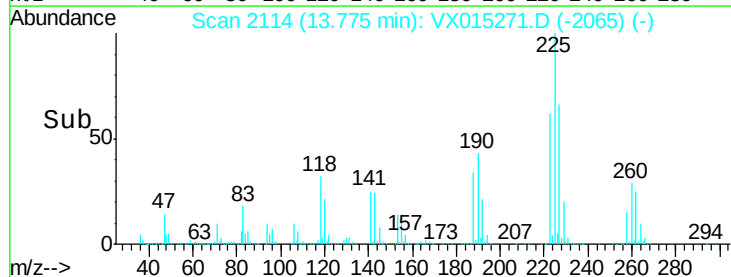
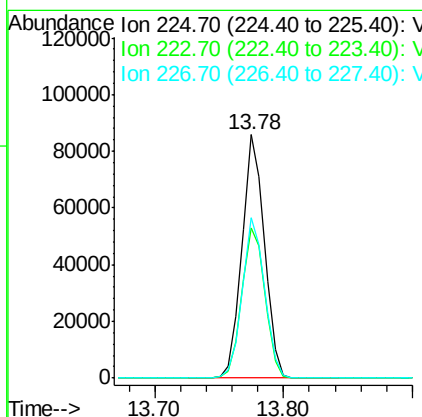
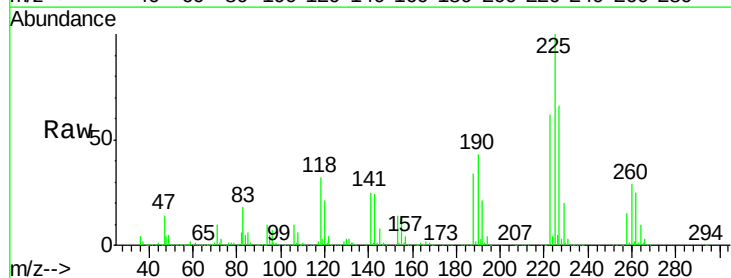
Manual Integrations
 APPROVED

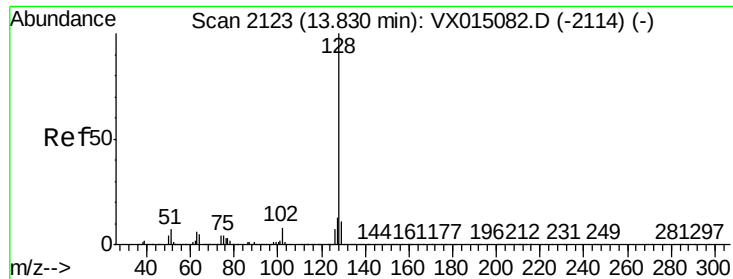
MMDadoda
 3/16/2020 2:07:30 PM



#94
 Hexachlorobutadiene
 Concen: 50.087 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015271.D
 Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103093		
223	63.3	31.3	93.9	
227	65.7	31.1	93.2	





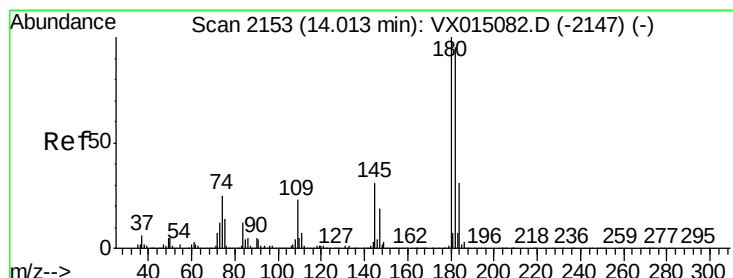
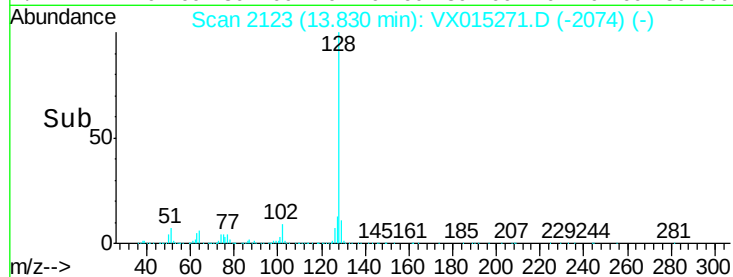
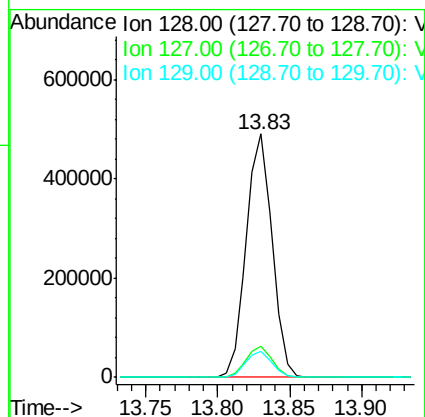
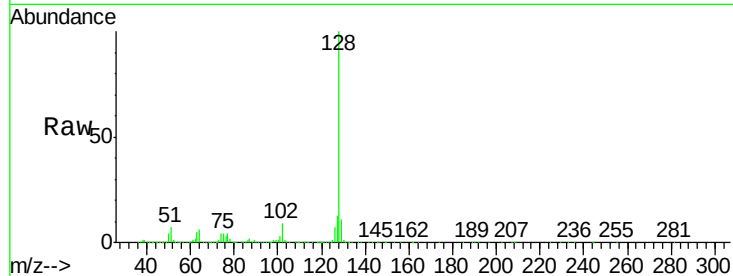
#95
Naphthalene
Concen: 49.597 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.671 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015271.D
Acq: 13 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.8	143.4
145	30.2	15.1	45.3

