

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016796.D
 Acq On : 16 Jun 2020 22:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:35:02 AM

Quant Time: Jun 17 06:42:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	442203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154441	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	5.46	113	129721	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	8.70	98	503229	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.12	95	192259	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	159637	48.982	ug/l	98
3) Chloromethane	1.31	50	148366	47.111	ug/l	99
4) Vinyl Chloride	1.39	62	174626	51.965	ug/l	98
5) Bromomethane	1.62	94	96864	46.414	ug/l	95
6) Chloroethane	1.70	64	115950	56.015	ug/l	99
7) Trichlorofluoromethane	1.91	101	253295	52.335	ug/l	100
8) Diethyl Ether	2.17	74	94910	48.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127032	51.590	ug/l	99
10) Methyl Iodide	2.49	142	133521	43.384	ug/l	97
11) Tert butyl alcohol	3.01	59	199473	244.686	ug/l	99
12) 1,1-Dichloroethene	2.36	96	135039	47.891	ug/l	94
13) Acrolein	2.27	56	94794	272.880	ug/l	97
14) Allyl chloride	2.71	41	217946	49.420	ug/l	96
15) Acrylonitrile	3.11	53	415080	250.922	ug/l	99
16) Acetone	2.42	43	341706	232.142	ug/l	97
17) Carbon Disulfide	2.55	76	383715	47.515	ug/l	100
18) Methyl Acetate	2.75	43	204222	51.979	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	467233	48.617	ug/l	98
20) Methylene Chloride	2.83	84	150349	47.420	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	147878	48.803	ug/l	99
22) Diisopropyl ether	3.82	45	420158	50.721	ug/l	98
23) Vinyl Acetate	3.78	43	1805027	252.105	ug/l	100
24) 1,1-Dichloroethane	3.67	63	251518	48.546	ug/l	98
25) 2-Butanone	4.64	43	564133	254.296	ug/l	98
26) 2,2-Dichloropropane	4.55	77	191976	40.017	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	166606	48.106	ug/l	98
28) Bromochloromethane	4.98	49	106657	48.258	ug/l	98
29) Tetrahydrofuran	5.09	42	363581	252.994	ug/l	98
30) Chloroform	5.18	83	261754	47.754	ug/l	97
31) Cyclohexane	5.55	56	217488	52.101	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	243709	48.999	ug/l	100
36) 1,1-Dichloropropene	5.77	75	196088	50.178	ug/l	100
37) Ethyl Acetate	4.79	43	212935	49.756	ug/l	99
38) Carbon Tetrachloride	5.75	117	222104	50.045	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225582	49.784	ug/l	96
40) Benzene	6.11	78	591271	49.694	ug/l	99
41) Methacrylonitrile	5.00	41	115819	50.756	ug/l	98
42) 1,2-Dichloroethane	6.17	62	202764	46.692	ug/l	99
43) Isopropyl Acetate	6.42	43	340413	50.753	ug/l	99
44) Trichloroethene	7.19	130	193074	52.460	ug/l	99
45) 1,2-Dichloropropane	7.49	63	147948	50.725	ug/l	98
46) Dibromomethane	7.64	93	102875	48.393	ug/l	98
47) Bromodichloromethane	7.88	83	214174	48.326	ug/l	99
48) Methyl methacrylate	7.74	41	166110	52.252	ug/l	97
49) 1,4-Dioxane	7.71	88	81835	1040.215	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1073616	259.761	ug/l	100
52) Toluene	8.76	92	385658	49.901	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	240454	48.036	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	253922	48.631	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	155264	49.955	ug/l	96
56) Ethyl methacrylate	9.16	69	246463	52.963	ug/l	99
57) 1,3-Dichloropropane	9.35	76	258135	49.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	618760	270.428	ug/l	100
59) 2-Hexanone	9.48	43	829894	260.106	ug/l	99
60) Dibromochloromethane	9.57	129	185079	50.385	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169467	50.030	ug/l	99
64) Tetrachloroethene	9.32	164	206369	52.262	ug/l	97
65) Chlorobenzene	10.12	112	419115	50.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	165627	49.758	ug/l	98
67) Ethyl Benzene	10.24	91	731600	51.866	ug/l	99
68) m/p-Xylenes	10.34	106	552902	103.380	ug/l	99
69) o-Xylene	10.68	106	268476	52.107	ug/l	100
70) Styrene	10.70	104	472202	53.014	ug/l	99
71) Bromoform	10.84	173	149222	52.542	ug/l	98
73) Isopropylbenzene	11.00	105	716062	51.710	ug/l	100
74) N-amyl acetate	10.88	43	291673	54.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197490	48.482	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	218881m	49.319	ug/l	
77) Bromobenzene	11.24	156	194352	49.707	ug/l	99
78) n-propylbenzene	11.34	91	789469	52.497	ug/l	100
79) 2-Chlorotoluene	11.40	91	479782	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	610496	52.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	83700	47.478	ug/l	95
82) 4-Chlorotoluene	11.49	91	568403	51.065	ug/l	99
83) tert-Butylbenzene	11.76	119	548226	51.613	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611674	52.089	ug/l	99
85) sec-Butylbenzene	11.93	105	656287	52.822	ug/l	100
86) p-Isopropyltoluene	12.05	119	641829	53.839	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338307	51.180	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330979	48.283	ug/l	99
89) n-Butylbenzene	12.37	91	519785	52.818	ug/l	98
90) Hexachloroethane	12.58	117	113711	51.726	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	326054	49.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57189	50.204	ug/l	96

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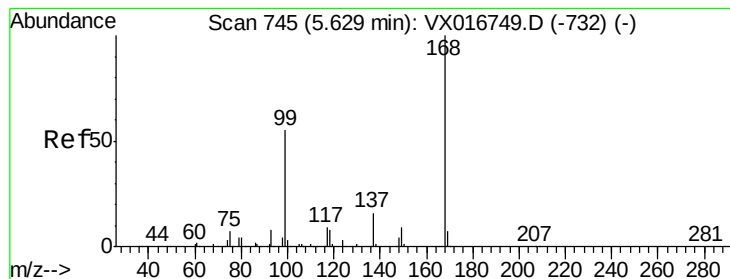
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	236085	50.999	ug/l	98
94) Hexachlorobutadiene	13.76	225	101047	49.608	ug/l	97
95) Naphthalene	13.82	128	771728	53.214	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	231171	50.736	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 288498

Ion Ratio Lower Upper

168 100

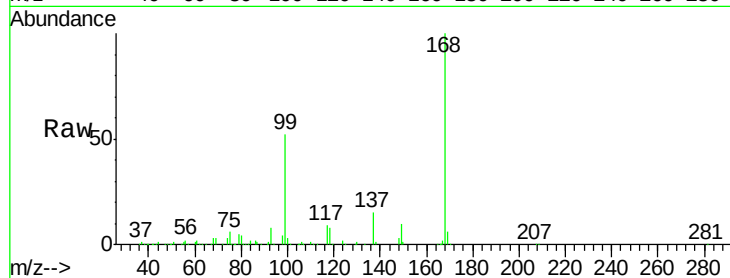
99 51.7 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

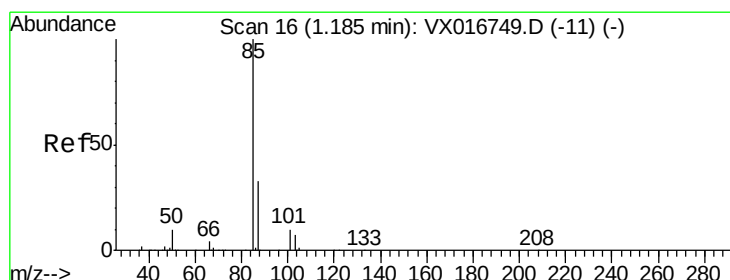
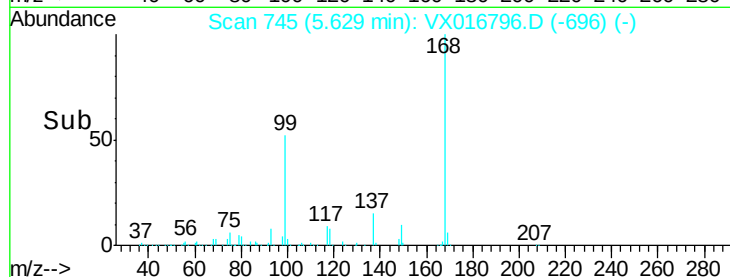
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.982 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016796.D

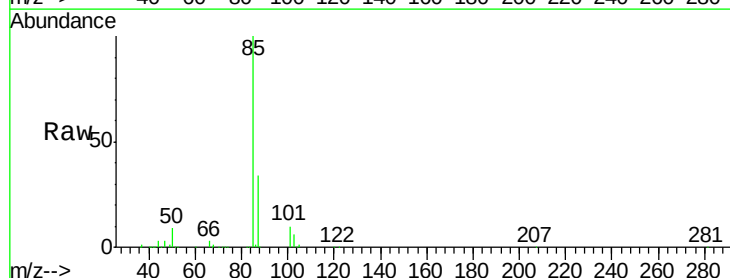
Acq: 16 Jun 2020 22:40

Tgt Ion: 85 Resp: 159637

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

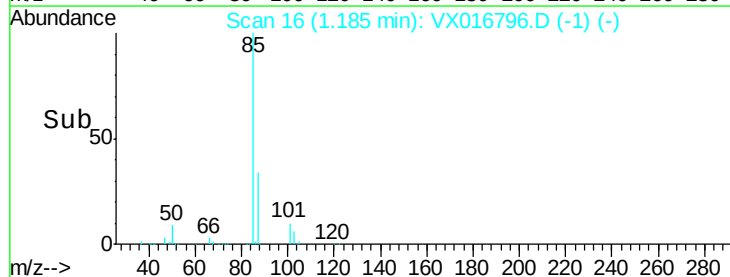
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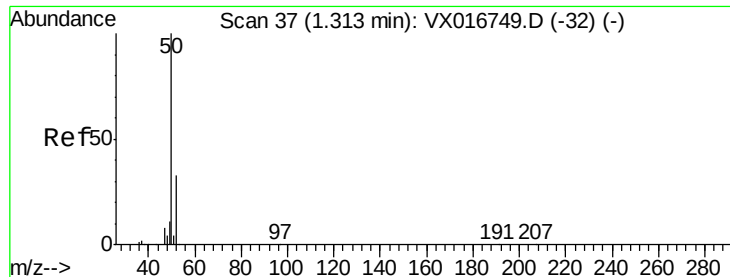
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.111 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 148366

Ion Ratio Lower Upper

50 100

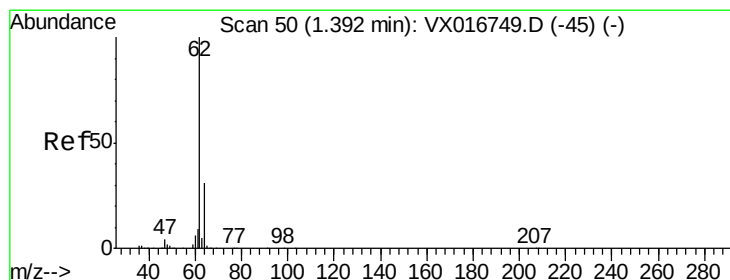
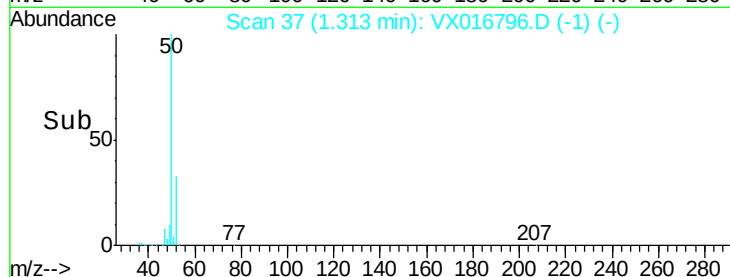
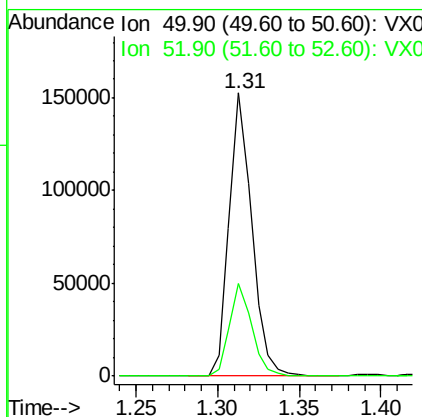
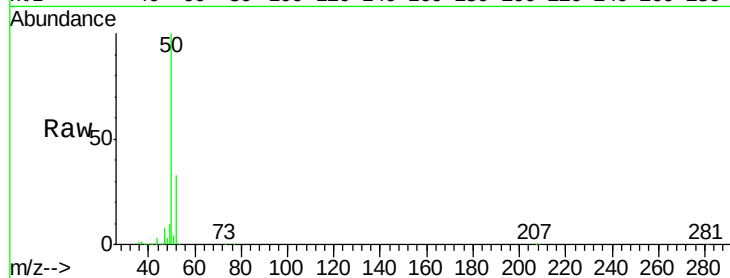
52 32.7 26.5 39.7

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#4

Vinyl Chloride

Concen: 51.965 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016796.D

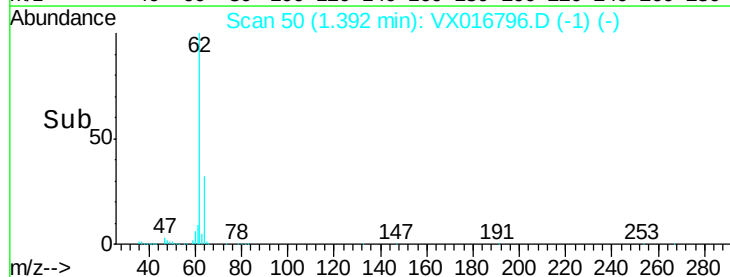
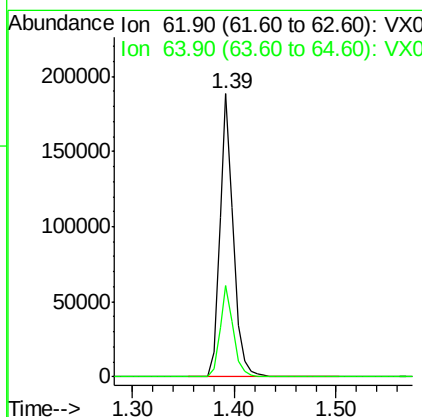
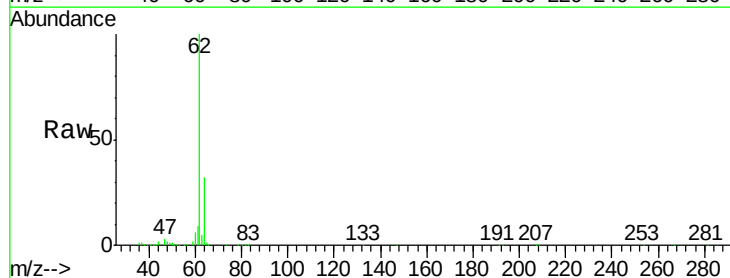
Acq: 16 Jun 2020 22:40

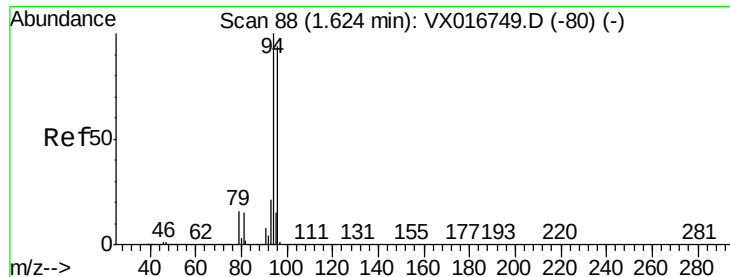
Tgt Ion: 62 Resp: 174626

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 46.414 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 96864

Ion Ratio Lower Upper

94 100

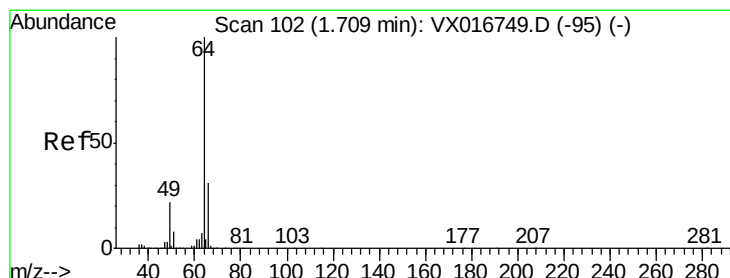
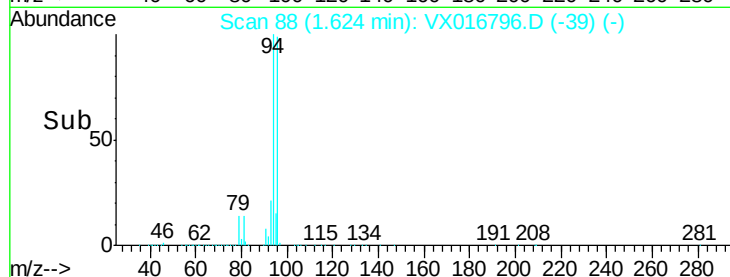
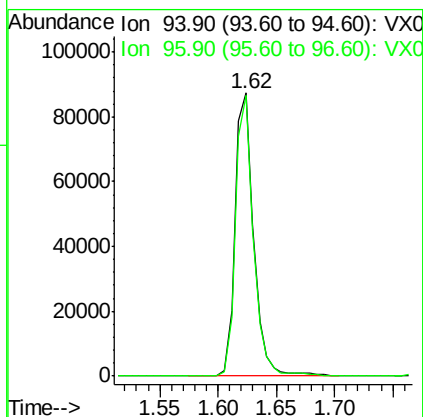
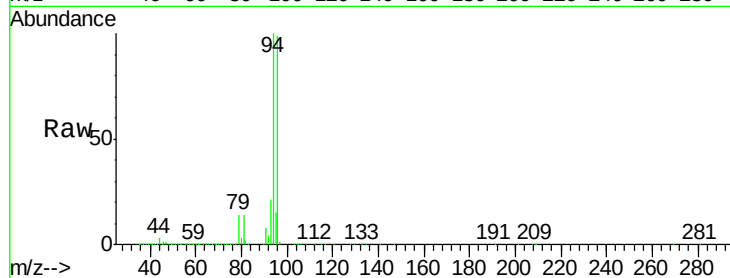
96 99.2 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 56.015 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016796.D

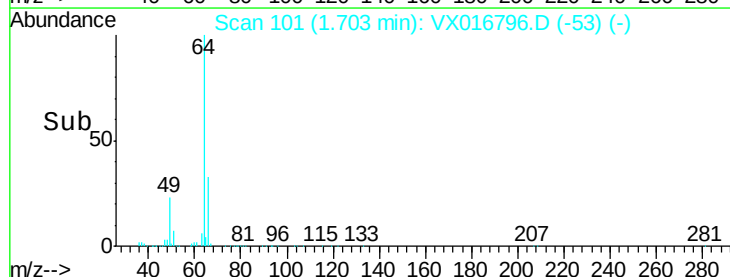
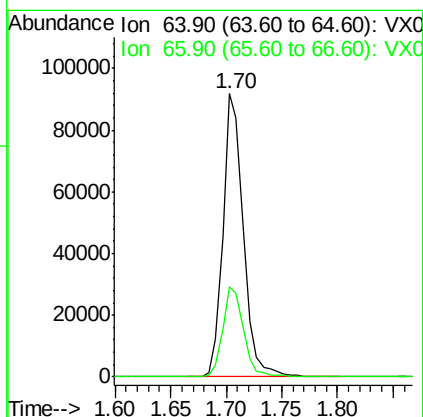
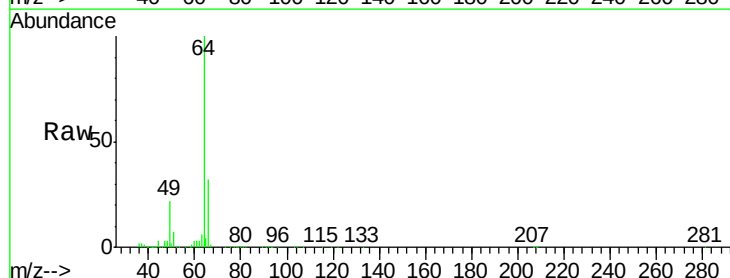
Acq: 16 Jun 2020 22:40

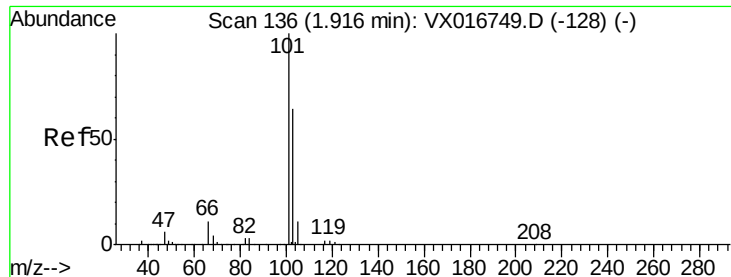
Tgt Ion: 64 Resp: 115950

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6





#7

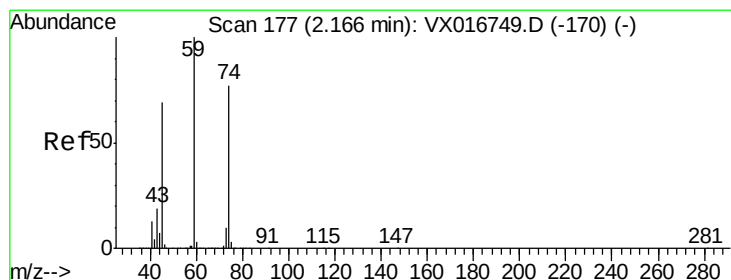
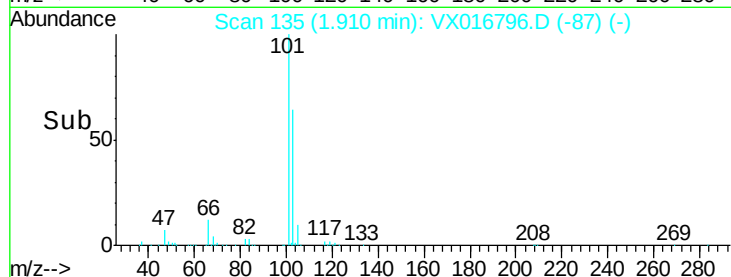
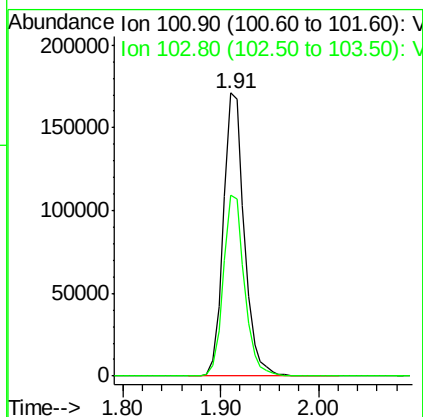
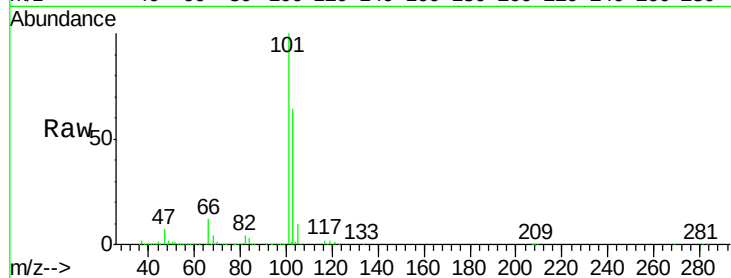
Trichlorofluoromethane
Concen: 52.335 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.3	76.9

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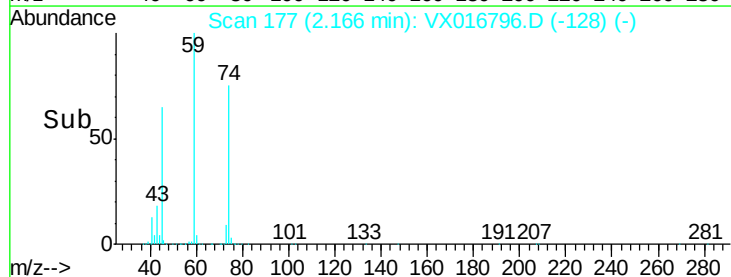
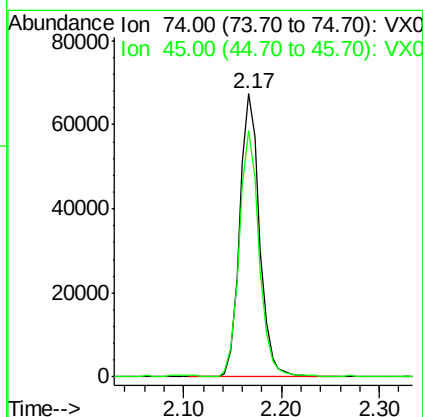
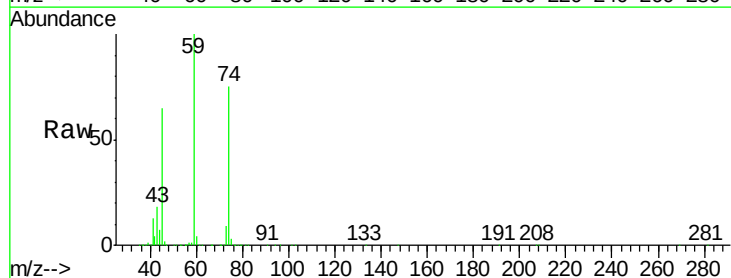
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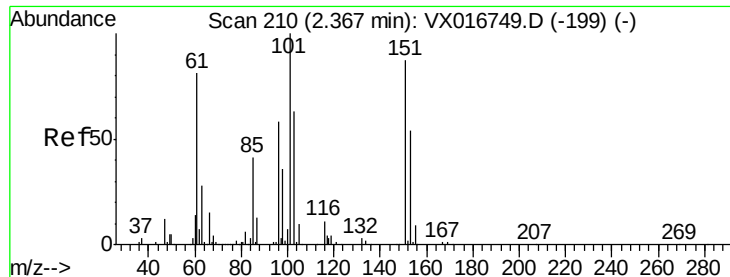


#8

Diethyl Ether
Concen: 48.021 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.590 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

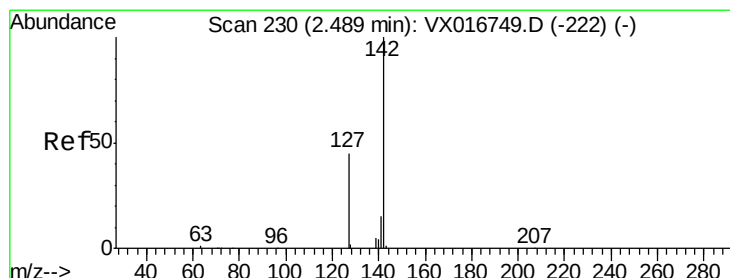
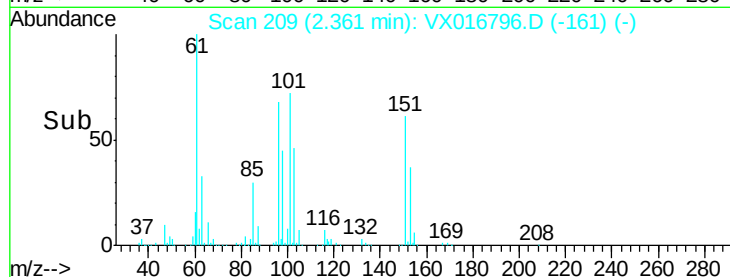
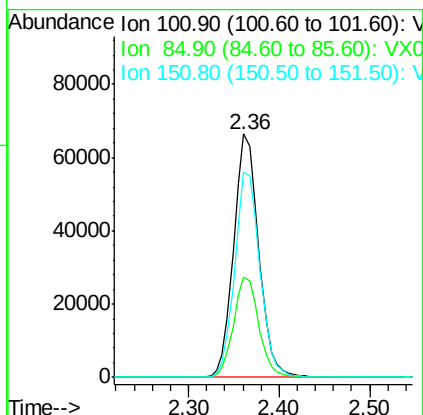
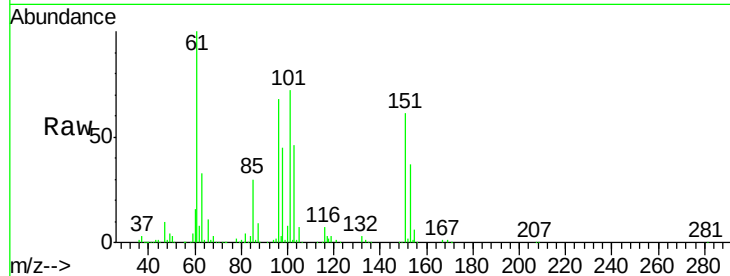
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	127032
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.0	51.0
151	85.6	68.7	103.1

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#10

Methyl Iodide

Concen: 43.384 ug/l

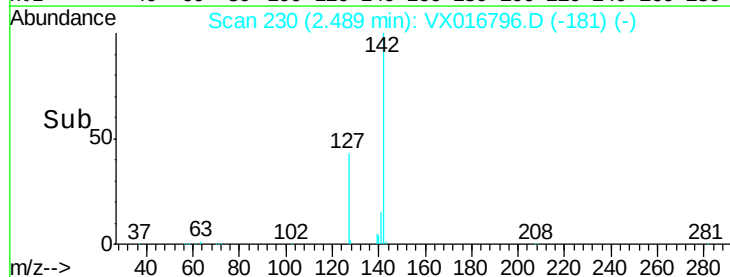
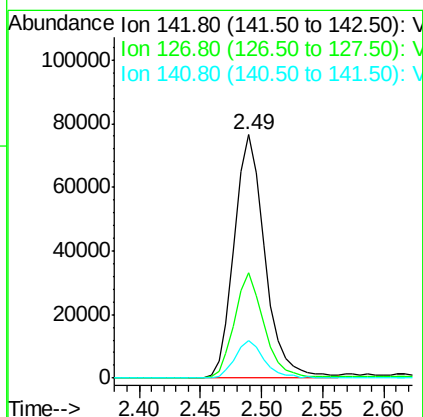
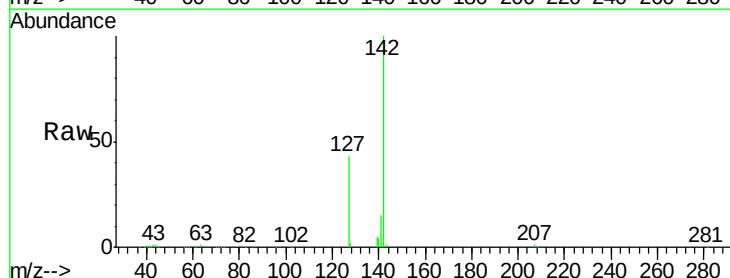
RT: 2.49 min Scan# 230

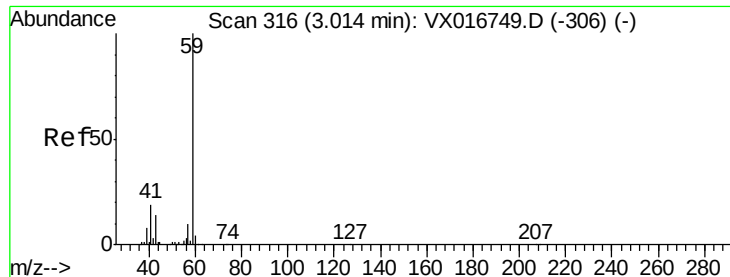
Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion:	142	Resp:	133521
Ion Ratio	Lower	Upper	
142	100		
127	42.0	35.4	53.2
141	14.6	11.7	17.5





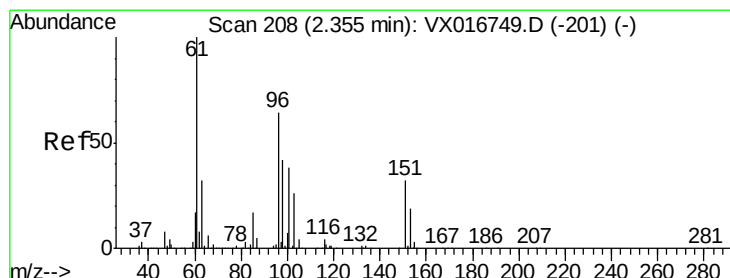
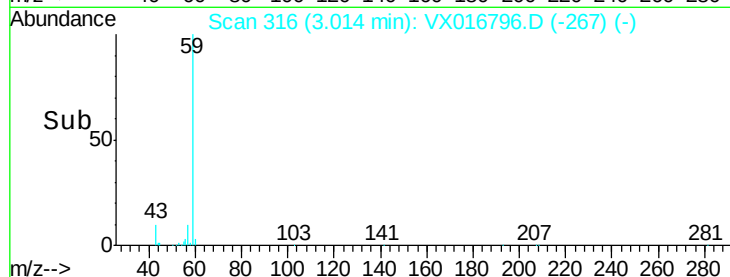
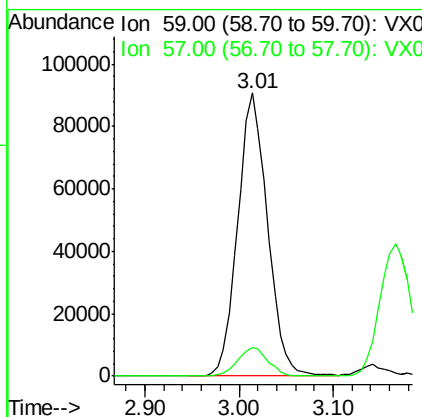
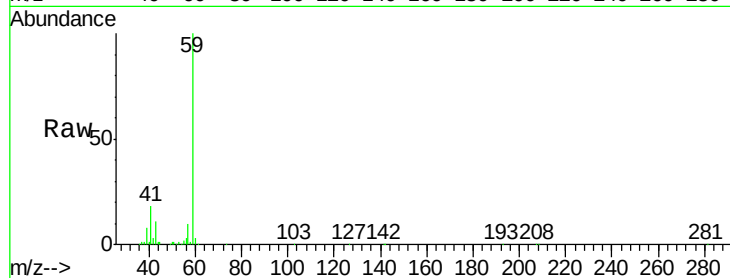
#11
Tert butyl alcohol
Concen: 244.686 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

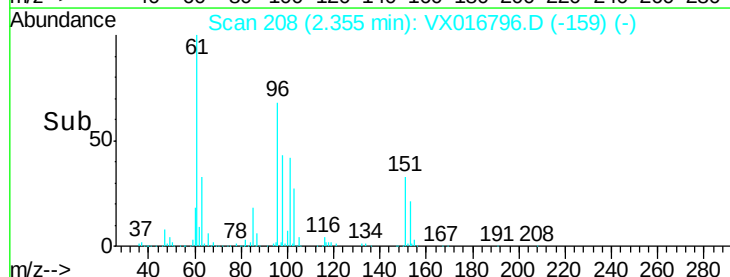
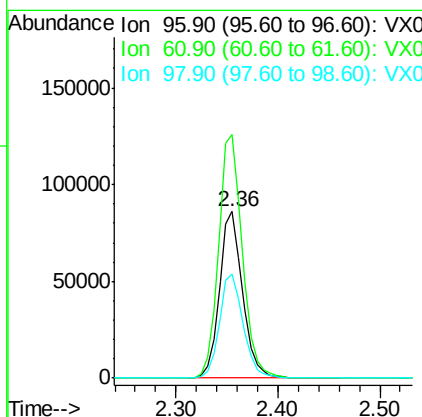
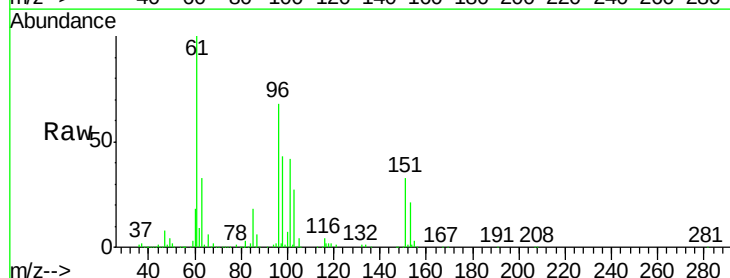
Manual Integrations
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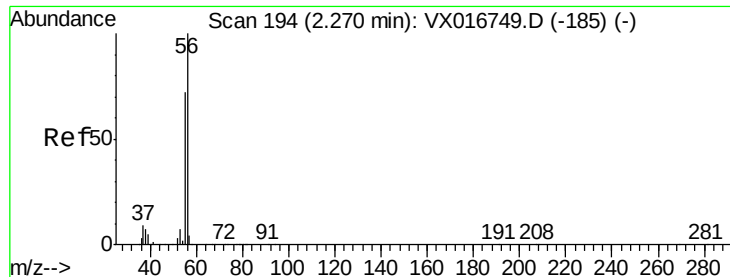
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.891 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.7	124.1	186.1
98	62.8	52.7	79.1





#13

Acrolein

Concen: 272.880 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 94794

Ion Ratio Lower Upper

56 100

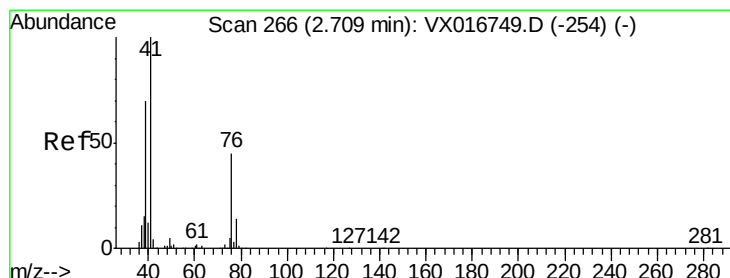
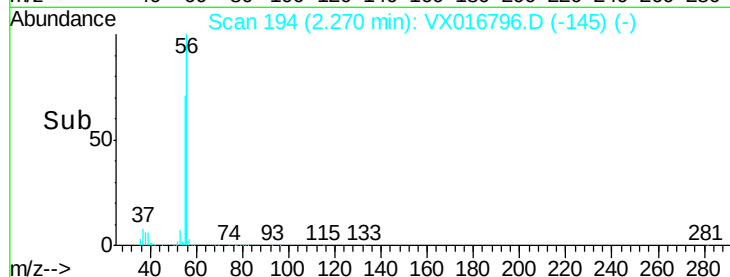
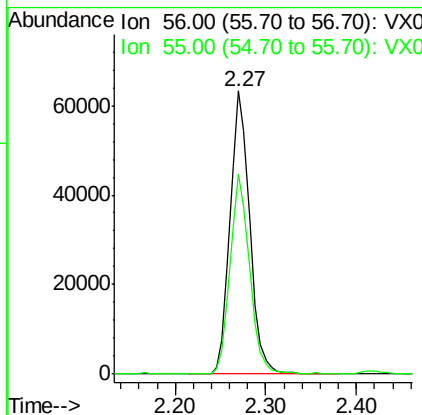
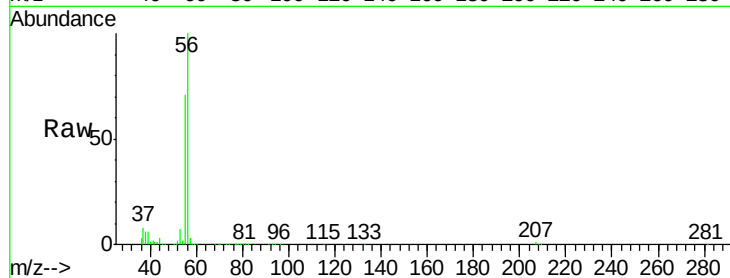
55 69.9 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 49.420 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

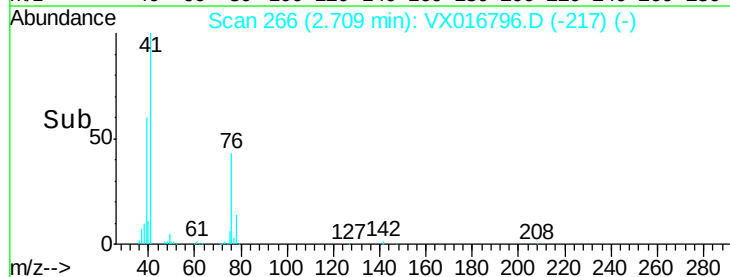
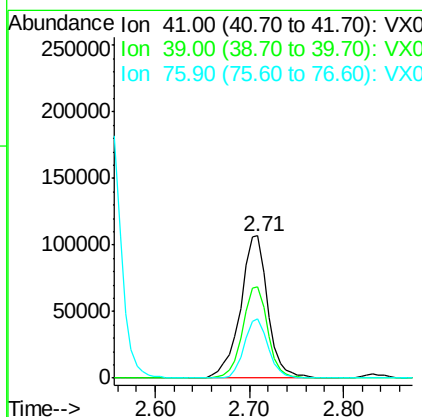
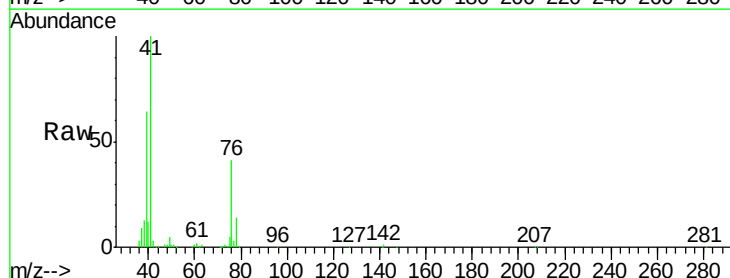
Tgt Ion: 41 Resp: 217946

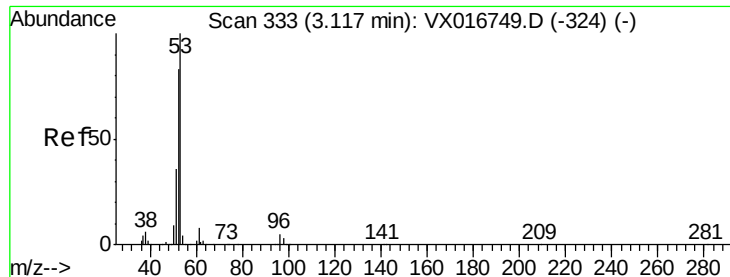
Ion Ratio Lower Upper

41 100

39 59.2 50.2 75.4

76 36.6 30.4 45.6





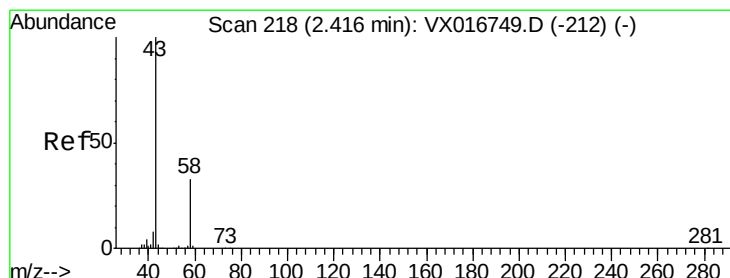
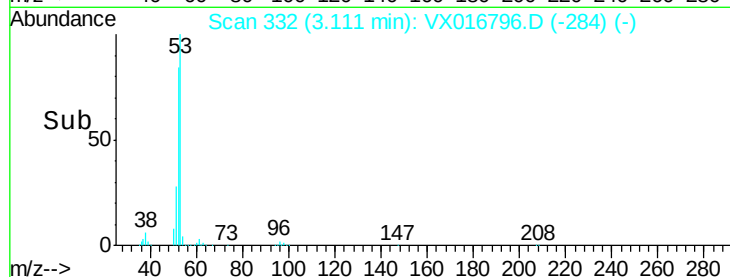
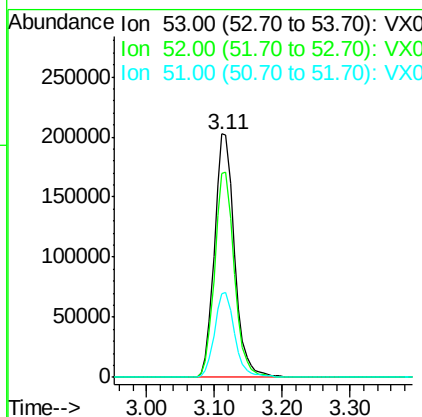
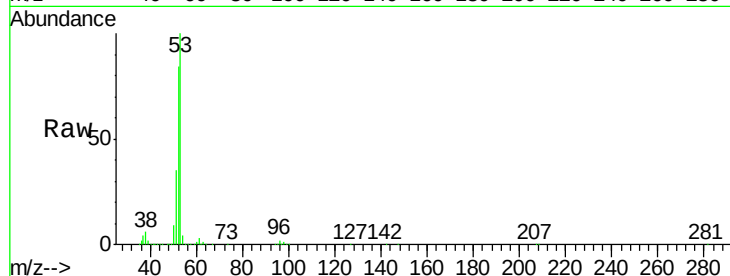
#15
 Acrylonitrile
 Concen: 250.922 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	415080
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.5	98.3
51	35.3	28.6	42.8

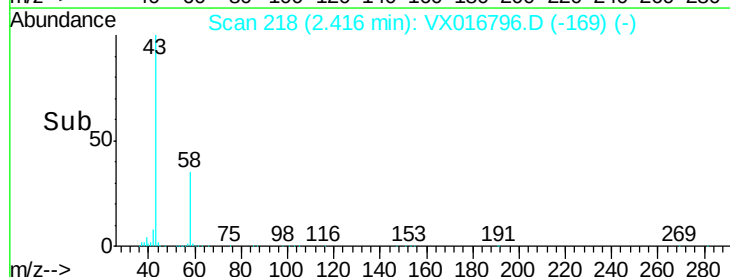
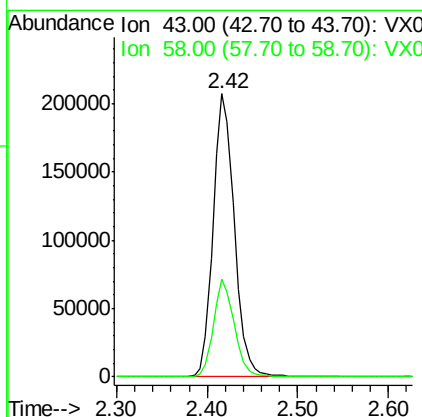
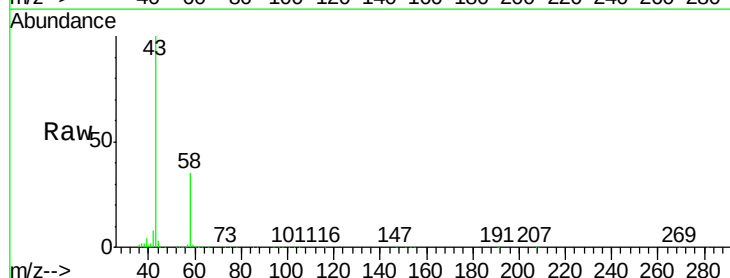
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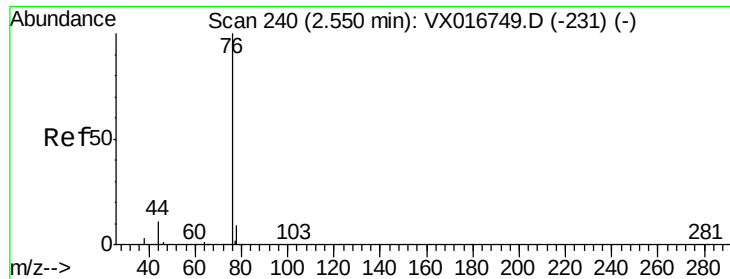
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#16
 Acetone
 Concen: 232.142 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion:	43	Resp:	341706
Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.3	39.5





#17

Carbon Disulfide

Concen: 47.515 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 383715

Ion Ratio Lower Upper

76 100

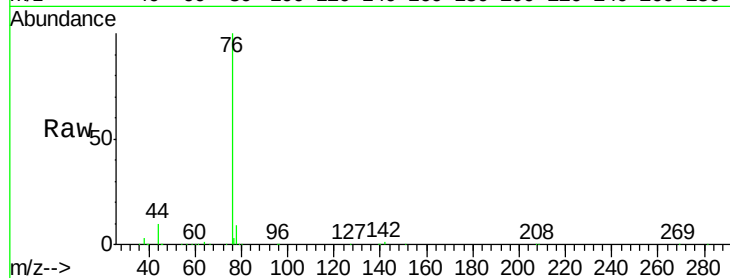
78 9.1 7.3 10.9

Manual Integrations

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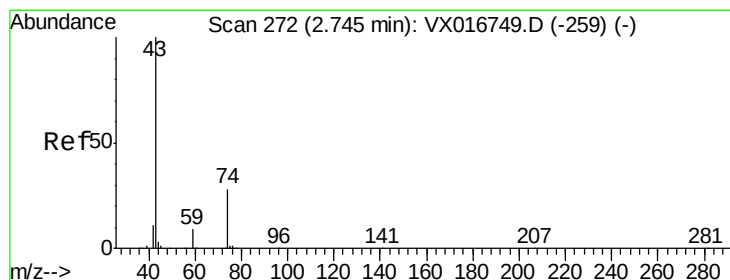
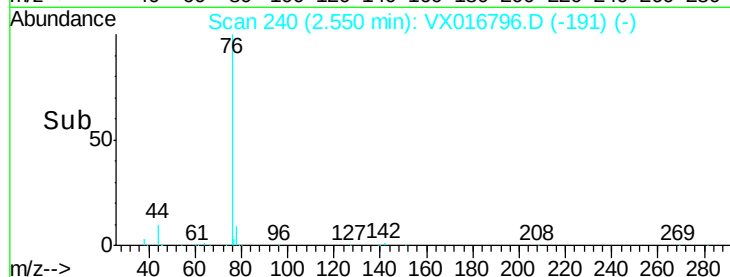
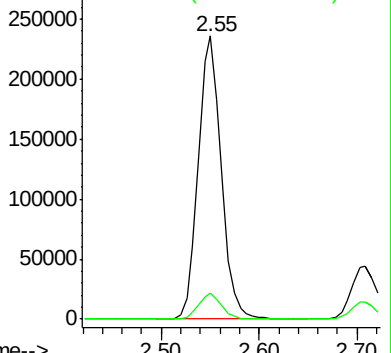
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.979 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016796.D

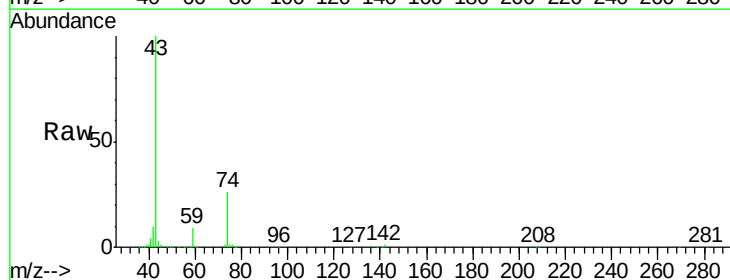
Acq: 16 Jun 2020 22:40

Tgt Ion: 43 Resp: 204222

Ion Ratio Lower Upper

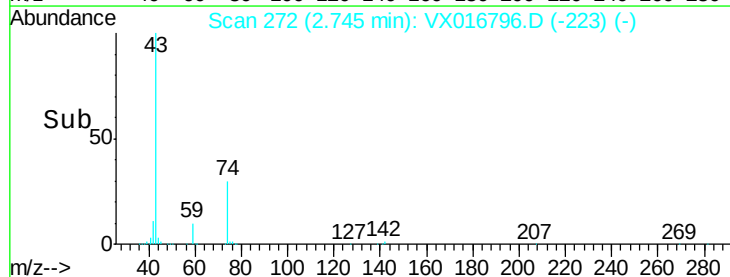
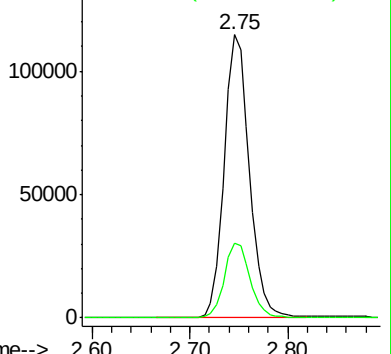
43 100

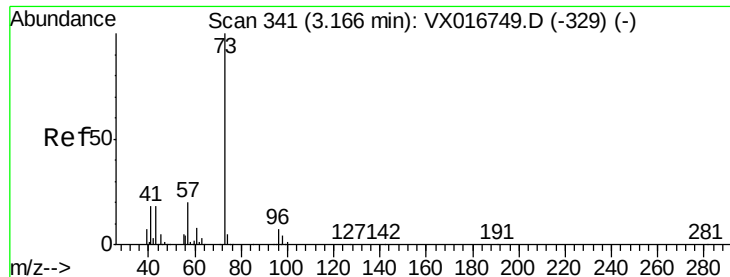
74 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





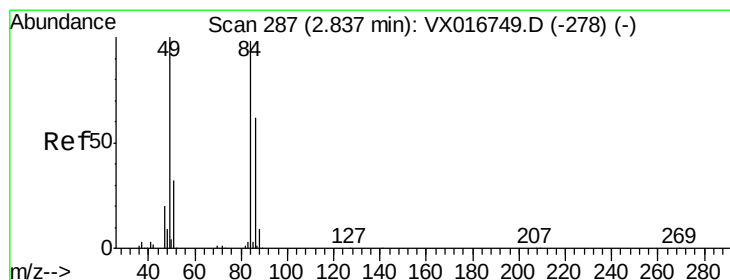
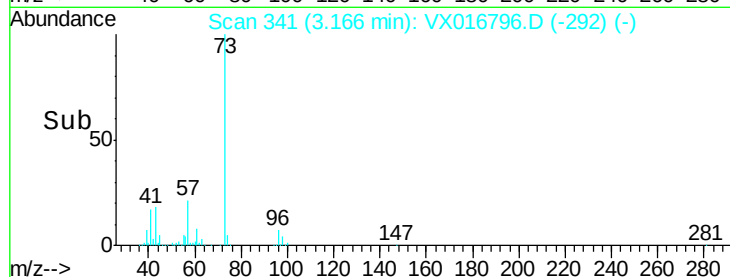
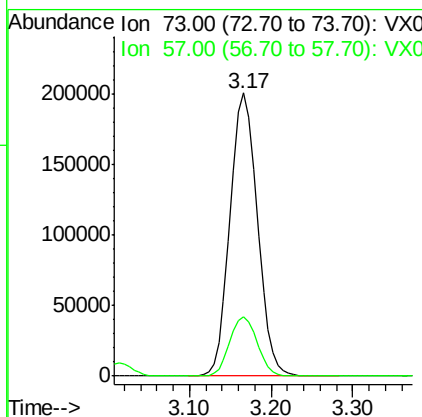
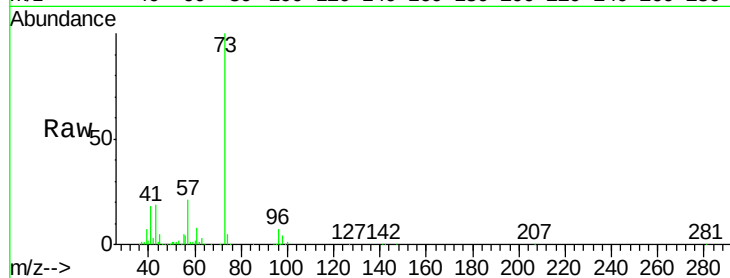
#19
Methvl tert-butyl Ether
Concen: 48.617 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.2	24.4

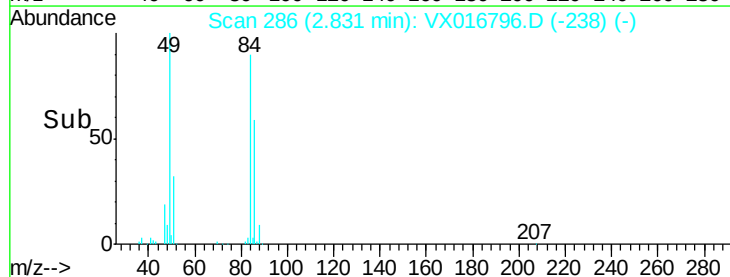
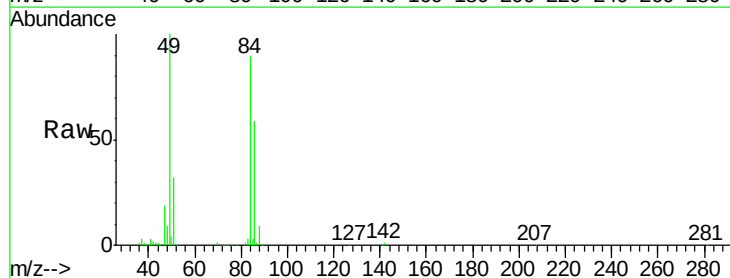
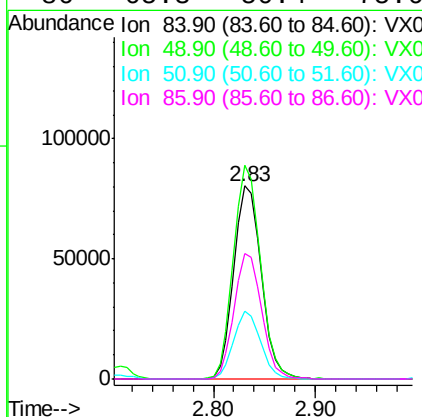
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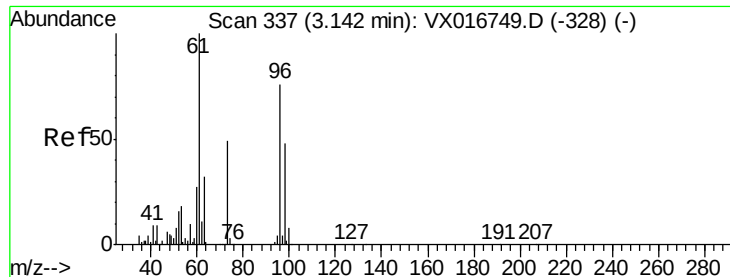
MMDadoda
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#20
Methylene Chloride
Concen: 47.420 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.7	81.8	122.8
51	35.2	25.8	38.8
86	65.3	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 48.803 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

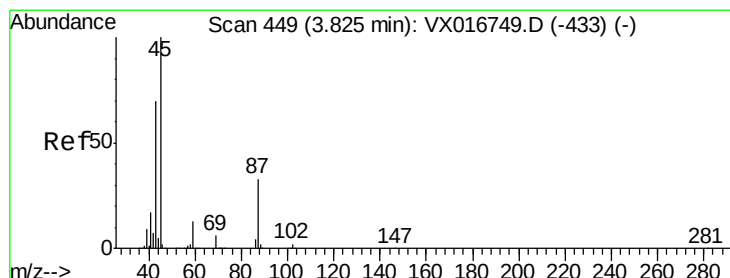
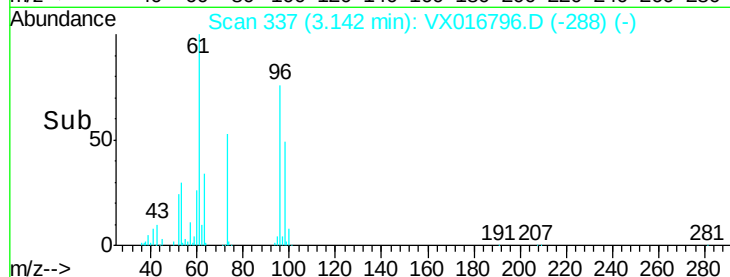
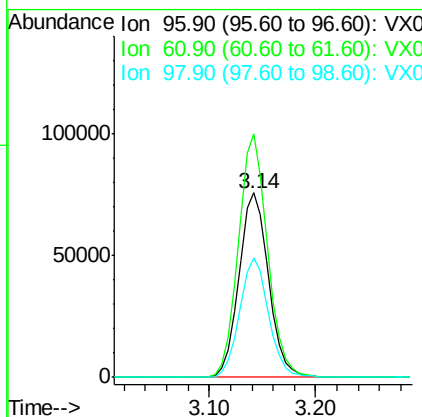
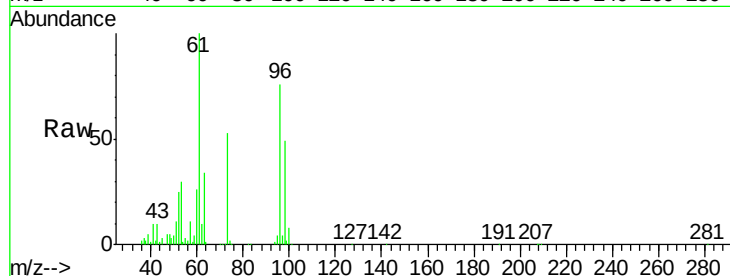
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	147878
Ion	Ratio	Lower	Upper
96	100		
61	132.0	105.4	158.2
98	64.9	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.721 ug/l

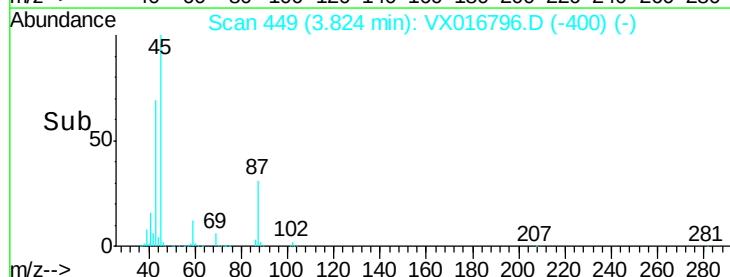
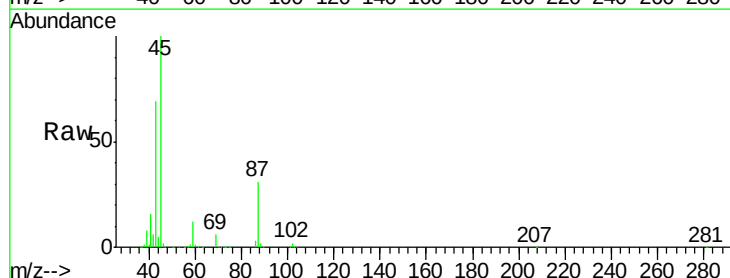
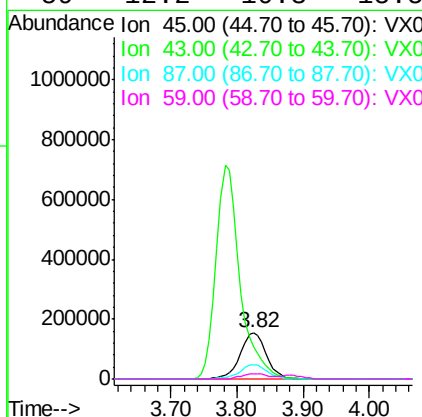
RT: 3.82 min Scan# 449

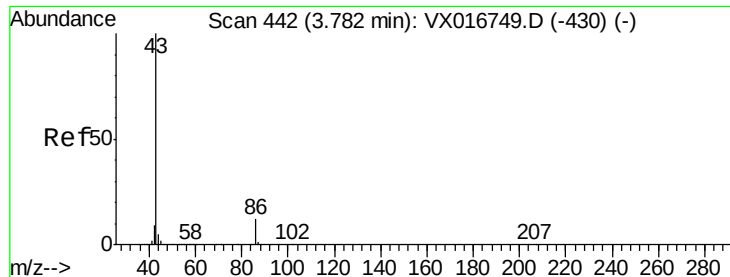
Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion:	45	Resp:	420158
Ion	Ratio	Lower	Upper
45	100		
43	68.6	56.2	84.4
87	31.1	26.2	39.4
59	12.2	10.3	15.5





#23

Vinyl Acetate

Concen: 252.105 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1805027

Ion Ratio Lower Upper

43 100

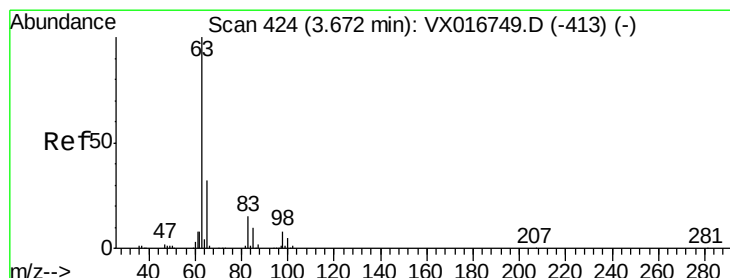
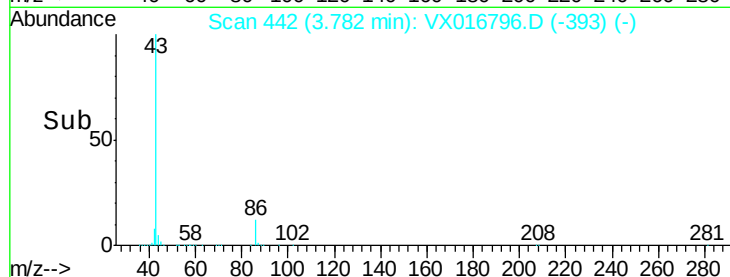
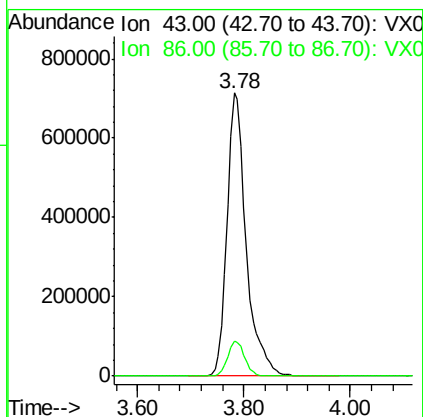
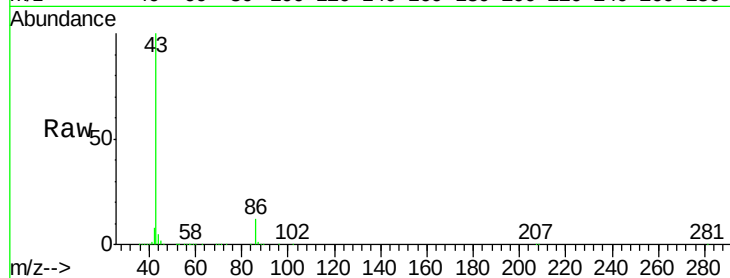
86 12.2 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.546 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

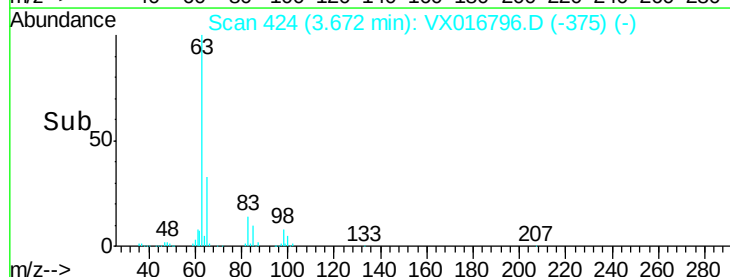
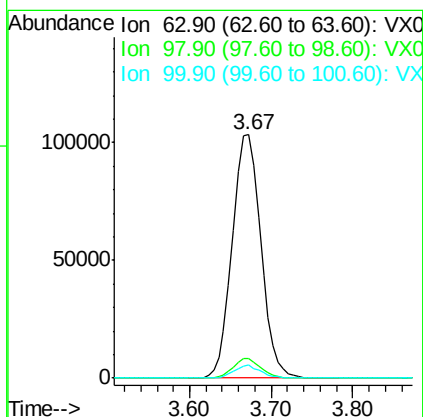
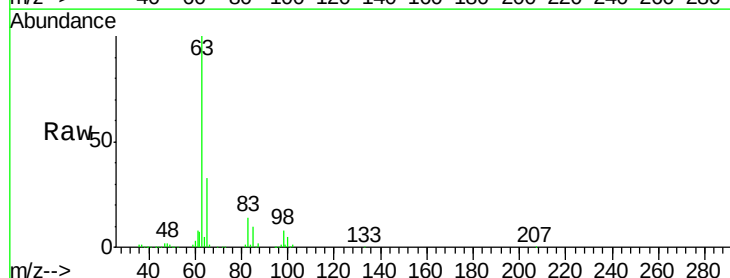
Tgt Ion: 63 Resp: 251518

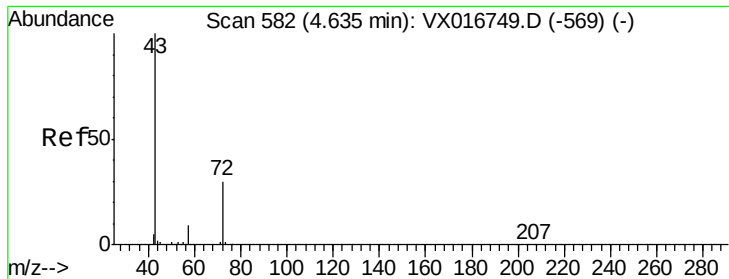
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

100 5.2 2.3 6.9





#25

2-Butanone

Concen: 254.296 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 564133

Ion Ratio Lower Upper

43 100

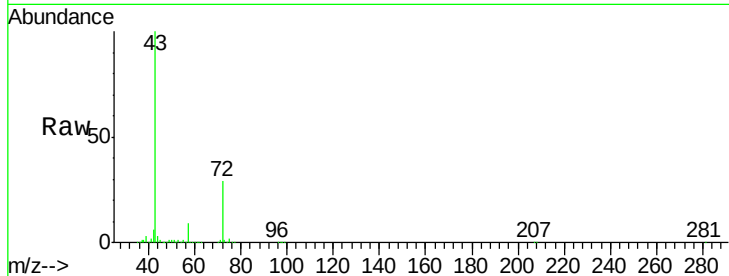
72 29.1 24.2 36.4

Manual Integrations

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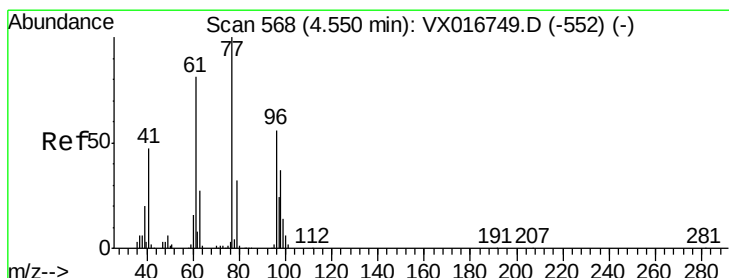
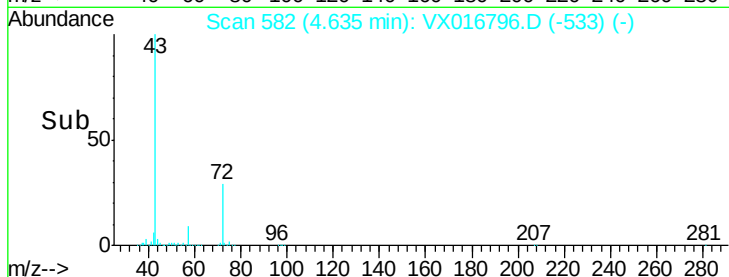
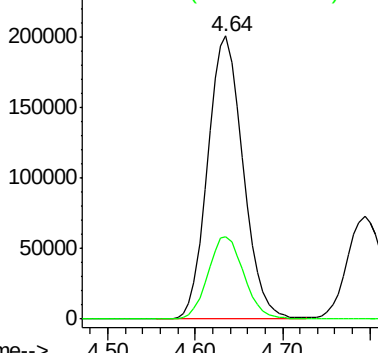
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.017 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016796.D

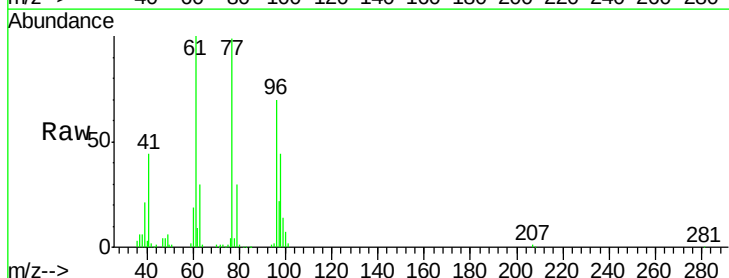
Acq: 16 Jun 2020 22:40

Tgt Ion: 77 Resp: 191976

Ion Ratio Lower Upper

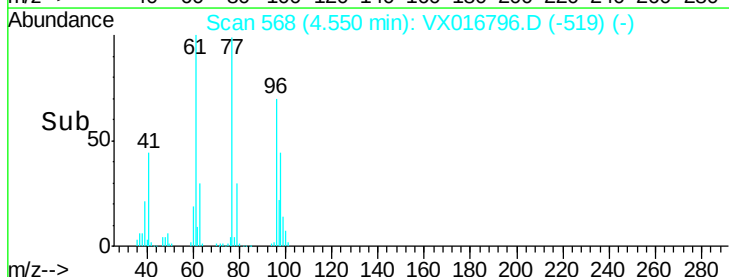
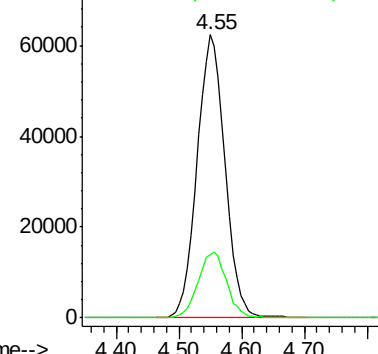
77 100

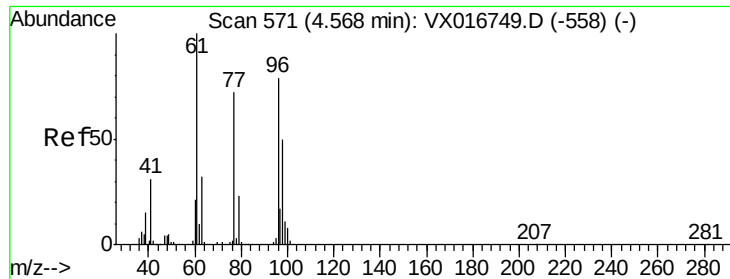
97 23.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

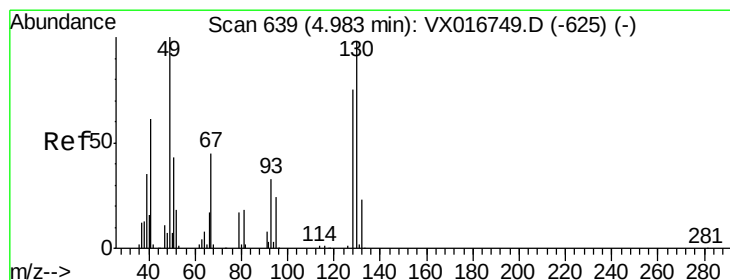
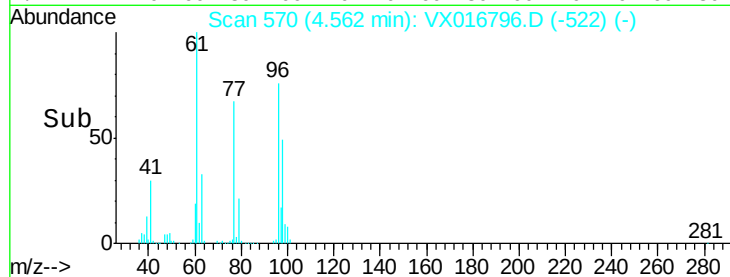
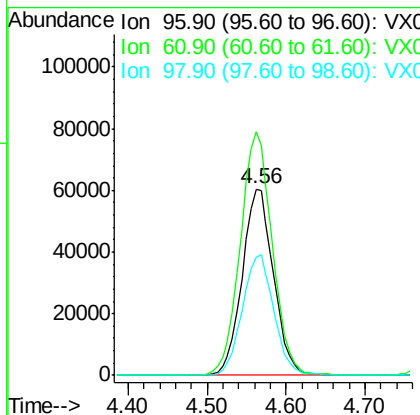
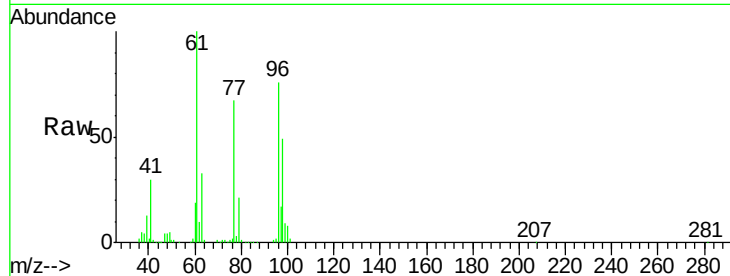
cis-1,2-Dichloroethene
 Concen: 48.106 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166606		
61	134.0	0.0	276.2	
98	65.0	0.0	130.0	

Manual Integrations
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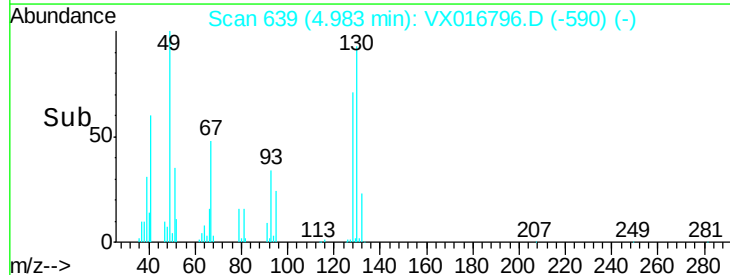
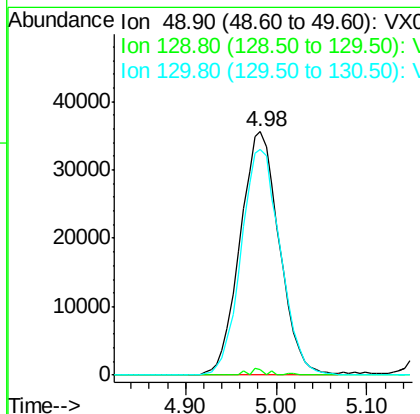
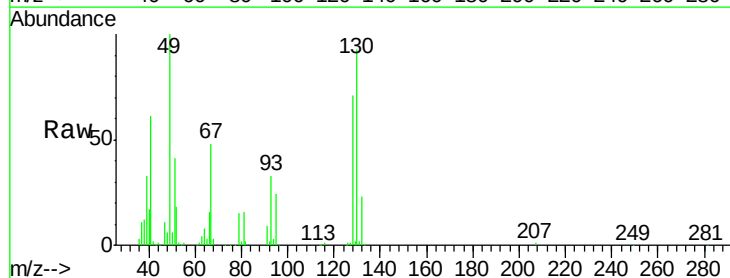
MMDadoda
 6/17/2020 9:35:02 AM

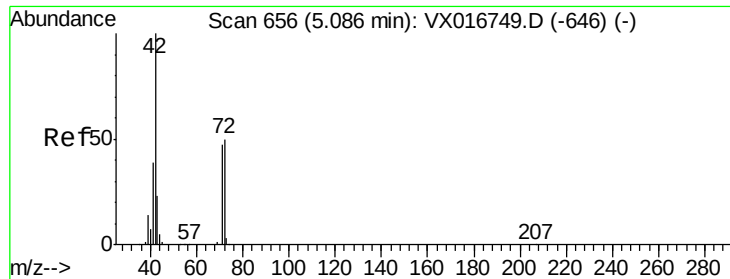


#28

Bromochloromethane
 Concen: 48.258 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106657		
129	1.1	0.0	2.8	
130	92.9	76.0	114.0	





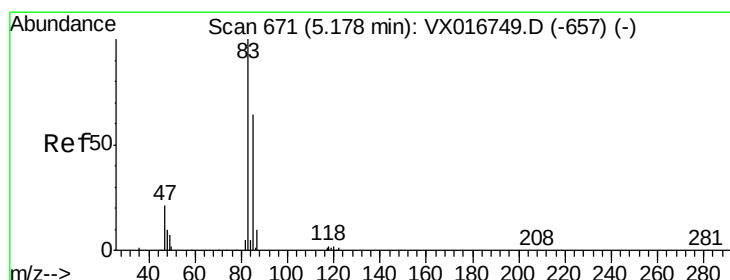
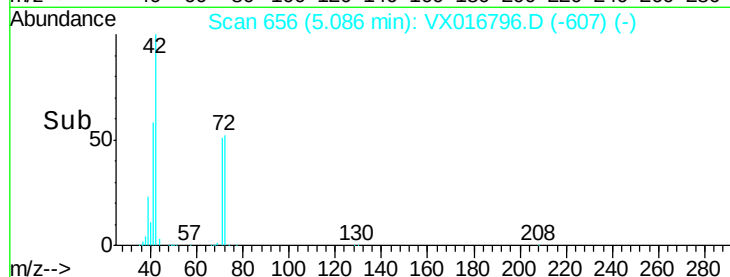
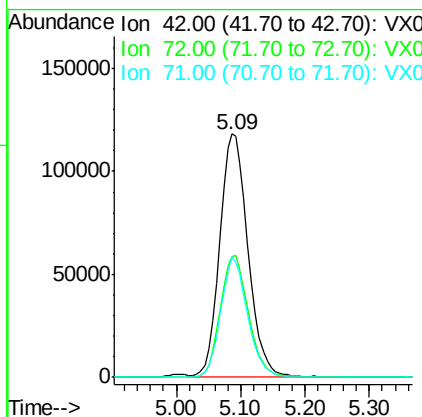
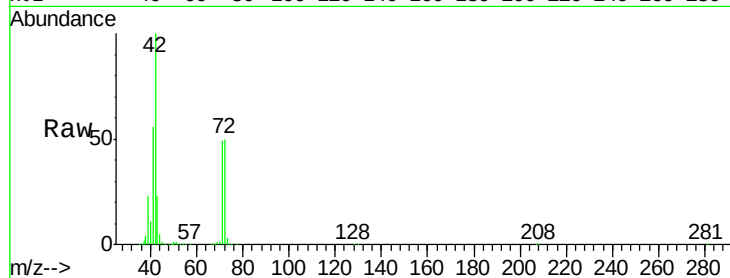
#29
Tetrahydrofuran
Concen: 252.994 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	41.0	61.6
71	47.0	38.2	57.4

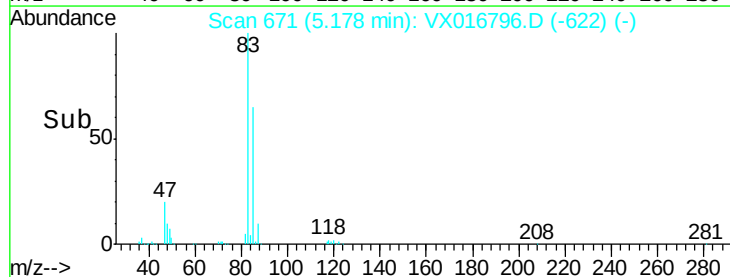
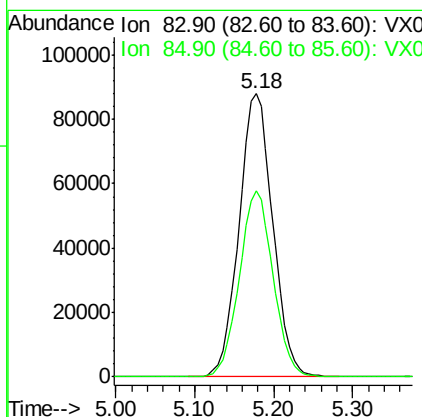
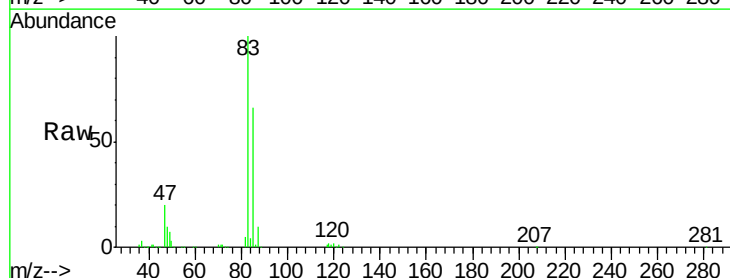
Manual Integrations
APPROVED

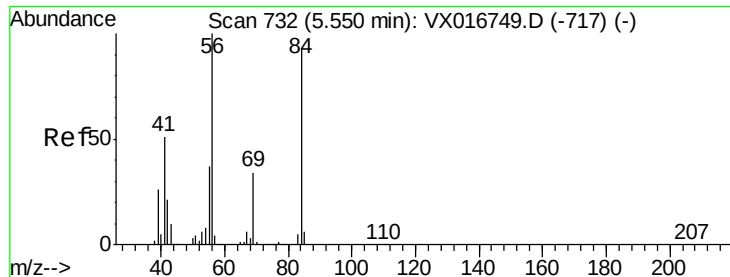
MMDadoda
6/17/2020 9:35:02 AM



#30
Chloroform
Concen: 47.754 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.8	76.2





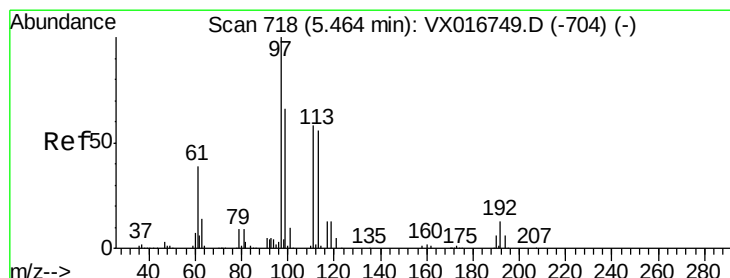
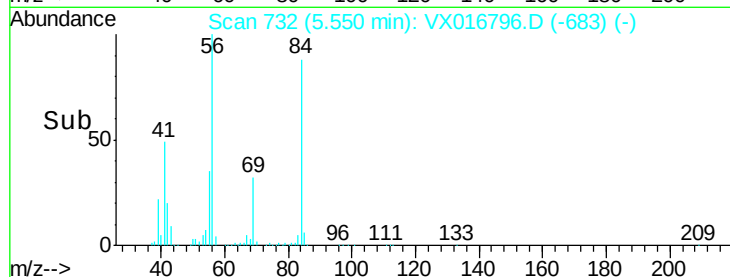
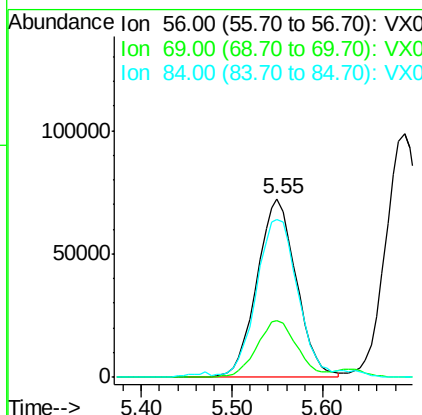
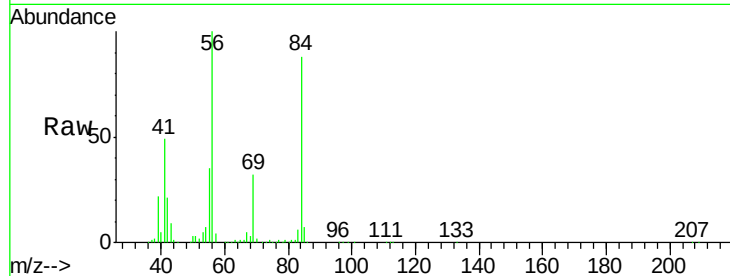
#31
Cyclohexane
Concen: 52.101 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	27.1	40.7
84	86.8	74.0	111.0

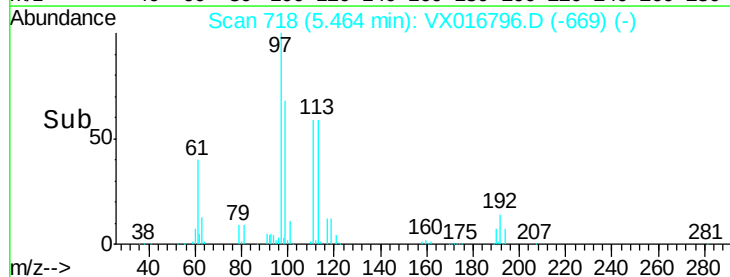
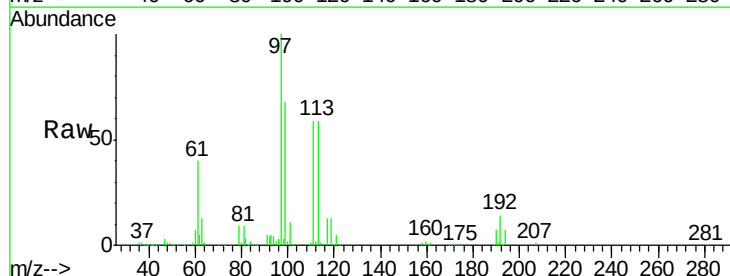
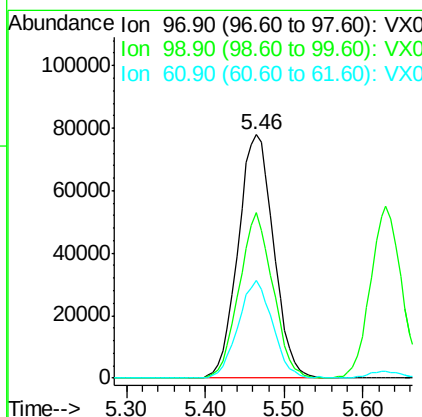
Manual Integrations
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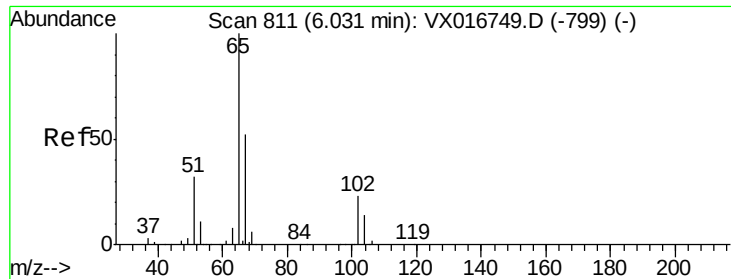
MMDadoda
6/17/2020 9:35:02 AM



#32
1,1,1-Trichloroethane
Concen: 48.999 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.5	77.3
61	38.8	31.3	46.9





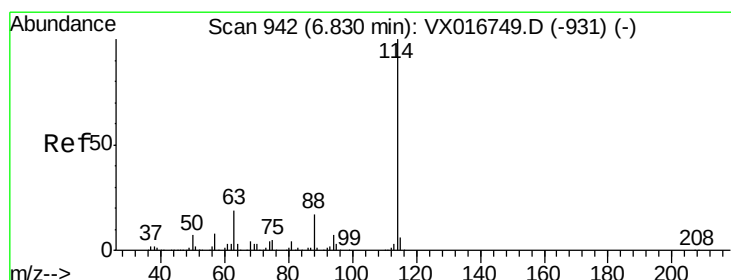
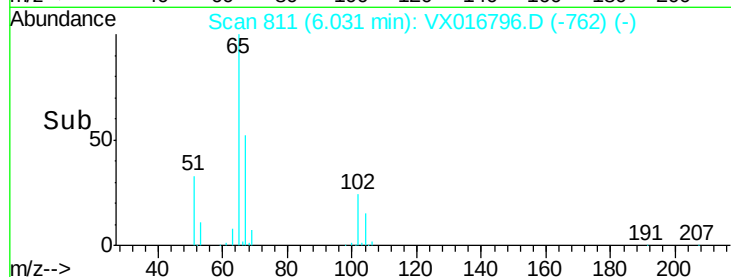
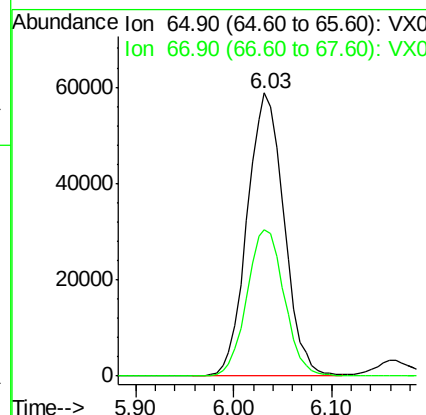
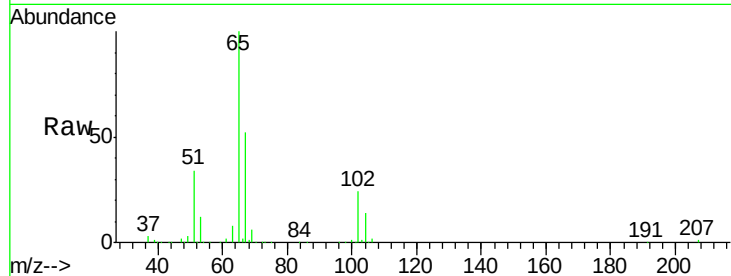
#33
 1,2-Dichloroethane-d4
 Concen: 47.598 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	103.0

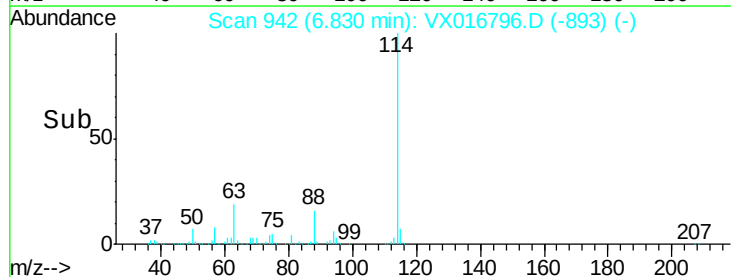
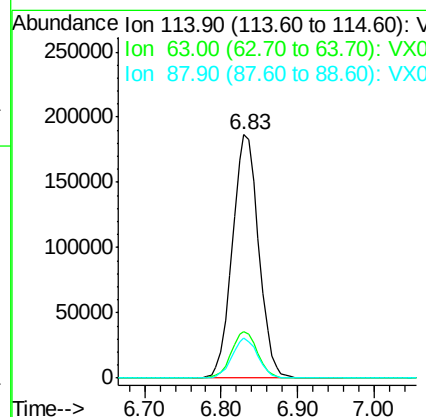
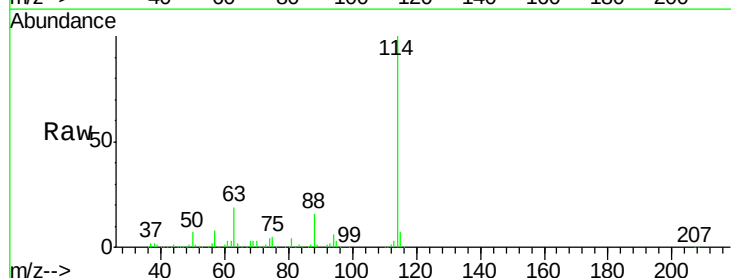
Manual Integrations
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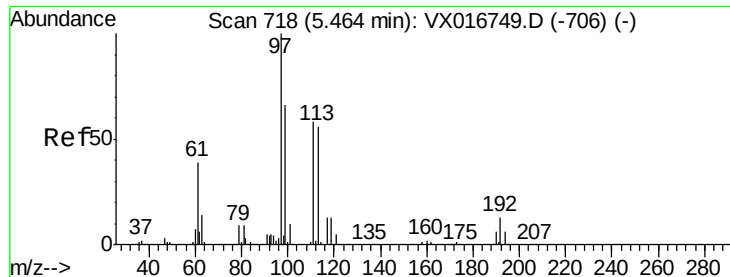
MMDadoda
 6/17/2020 9:35:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.8
88	16.4	0.0	33.4





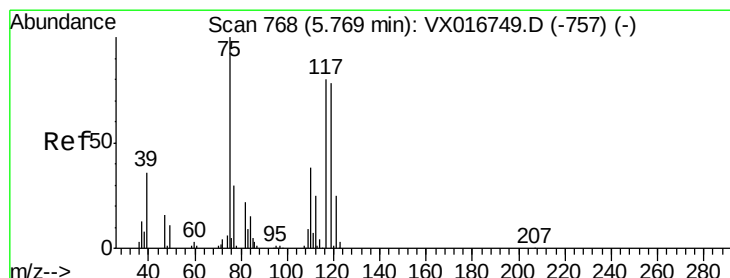
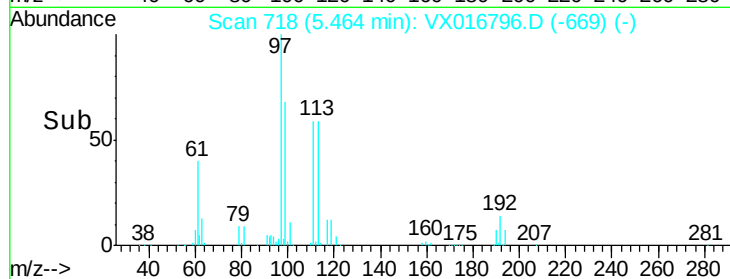
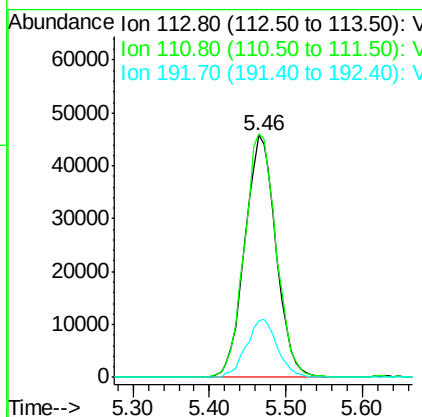
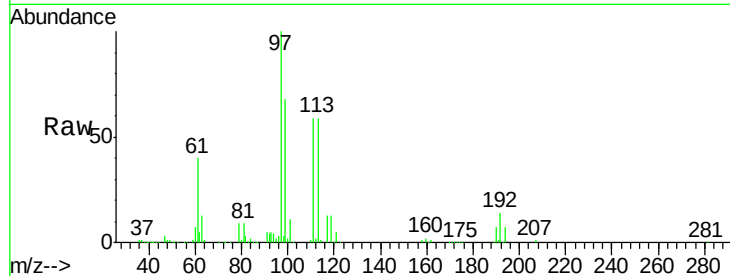
#35
 Dibromofluoromethane
 Concen: 47.546 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	24.0	18.2	27.4

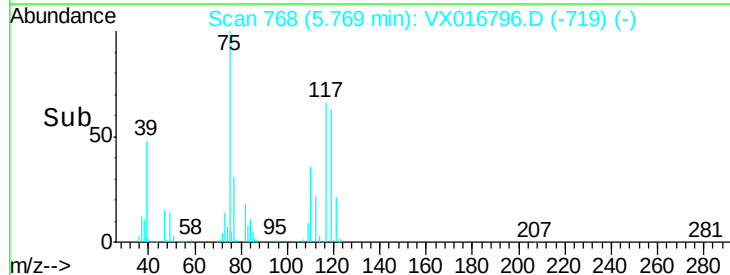
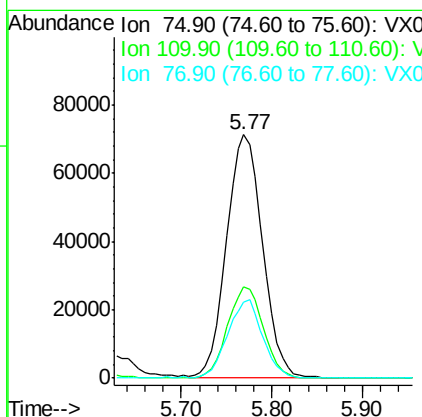
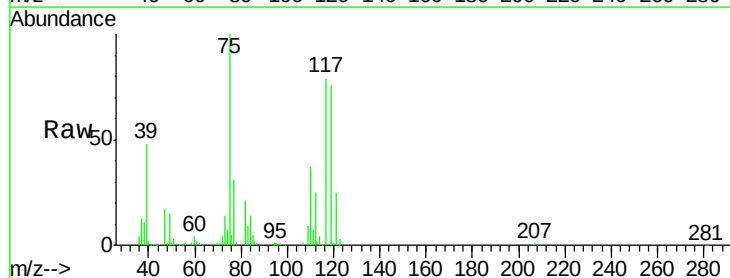
Manual Integrations
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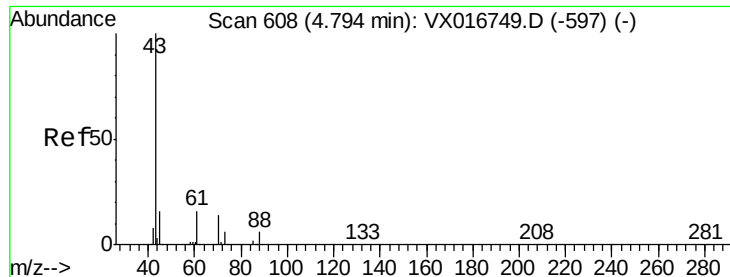
MMDadoda
 6/17/2020 9:35:02 AM



#36
 1,1-Dichloropropene
 Concen: 50.178 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.4	55.2
77	30.9	24.7	37.1





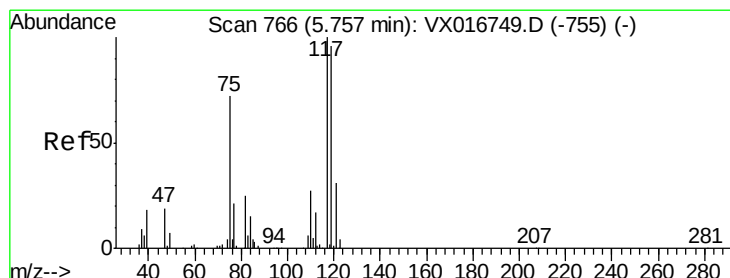
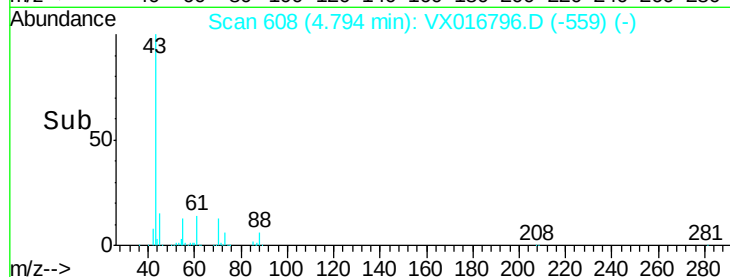
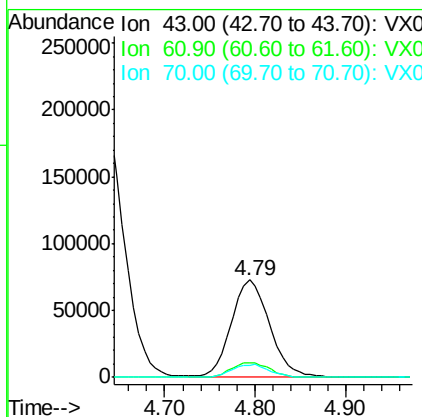
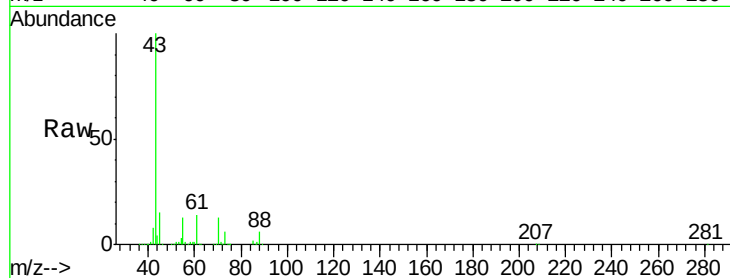
#37
Ethyl Acetate
Concen: 49.756 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	212935
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.4	18.6
70	13.2	10.8	16.2

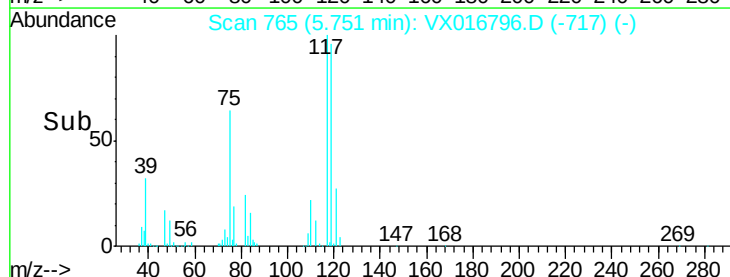
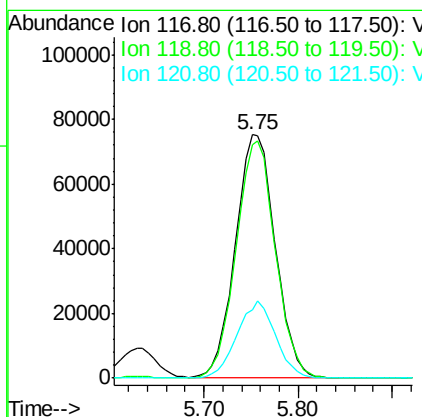
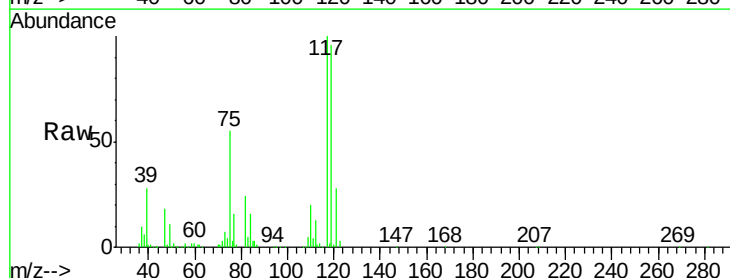
Manual Integrations
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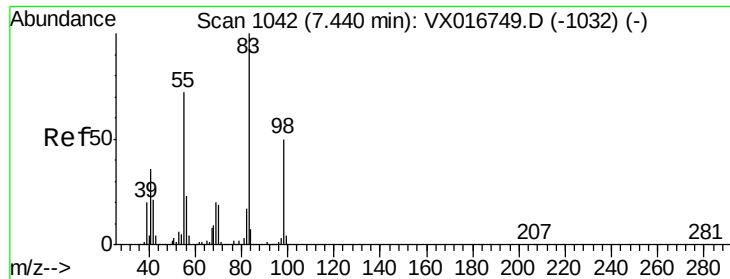
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6/17/2020 9:35:02 AM



#38
Carbon Tetrachloride
Concen: 50.045 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion:	117	Resp:	222104
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
121	28.3	24.7	37.1





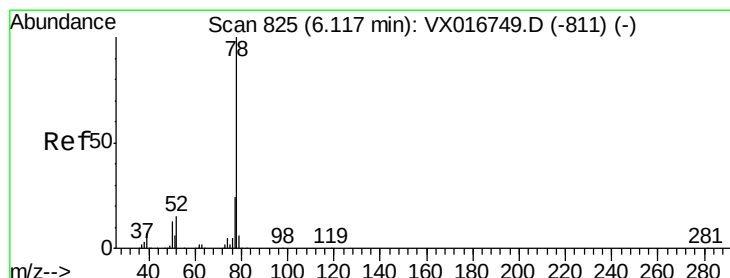
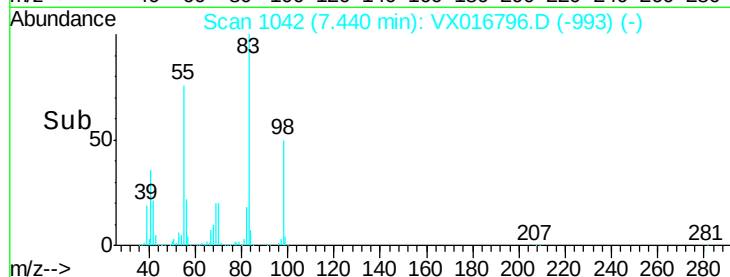
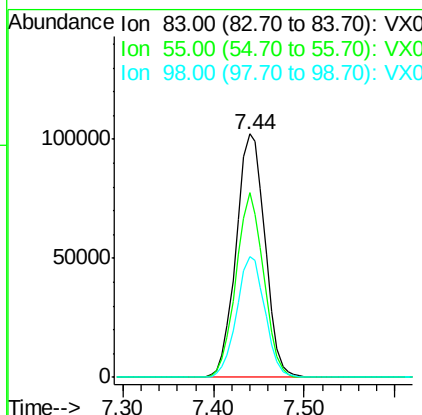
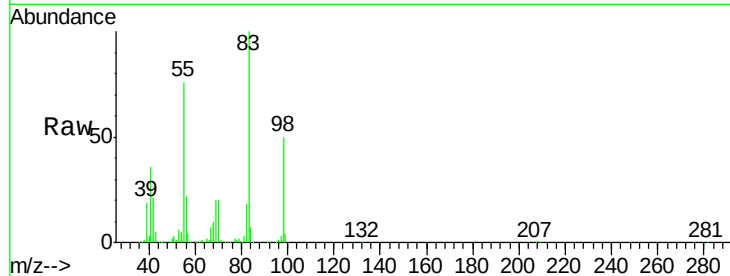
#39
Methylvlcyclohexane
Concen: 49.784 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	57.3	85.9
98	49.7	40.3	60.5

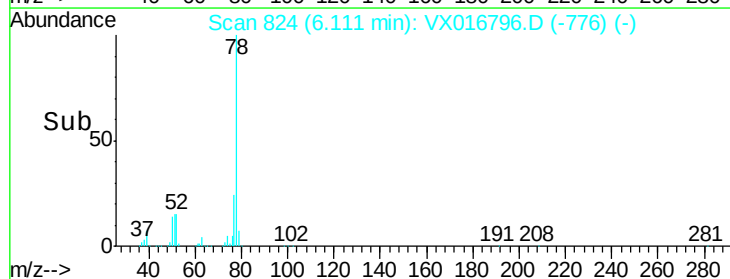
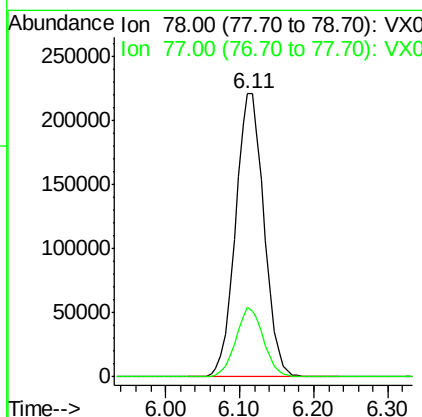
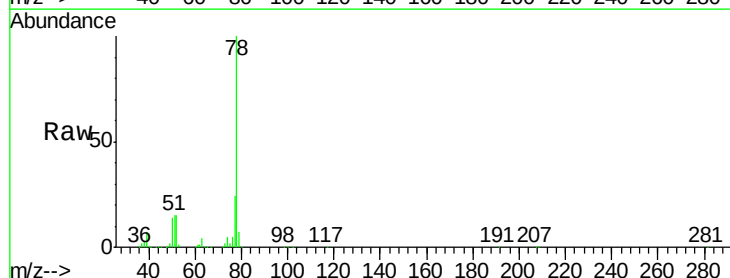
Manual Integrations
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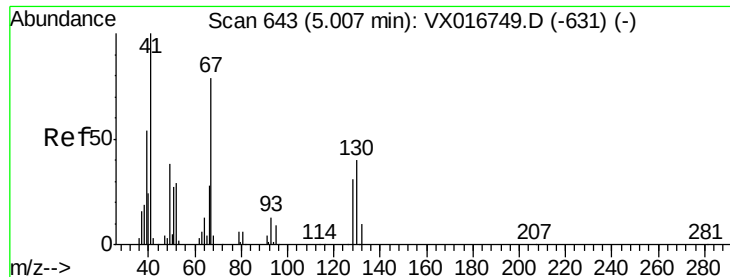
MMDadoda
6/17/2020 9:35:02 AM



#40
Benzene
Concen: 49.694 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





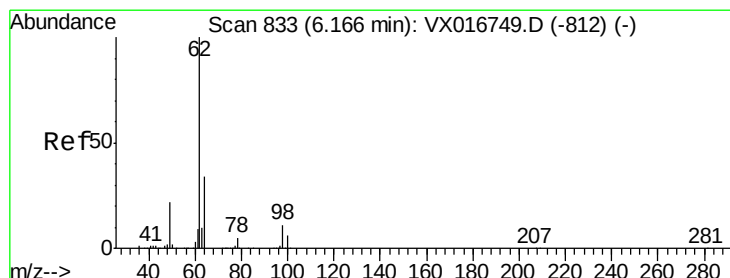
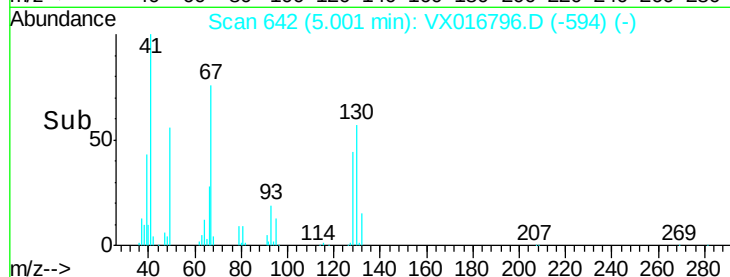
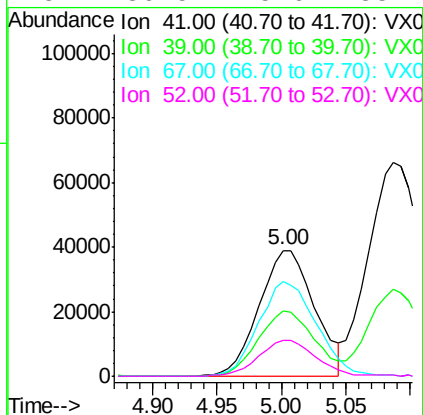
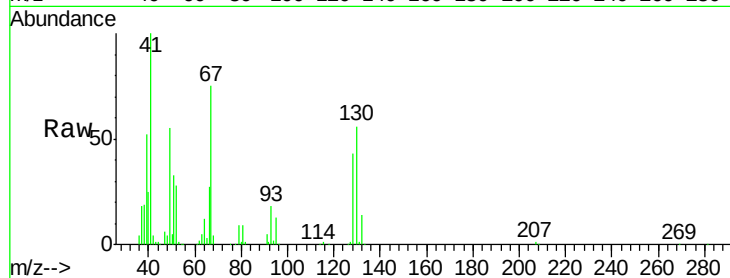
#41
Methacrylonitrile
Concen: 50.756 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		115819		
39	52.6	43.7	65.5		
67	79.0	64.6	96.8		
52	30.5	25.6	38.4		

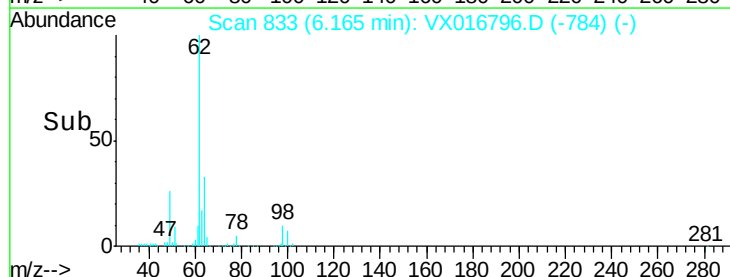
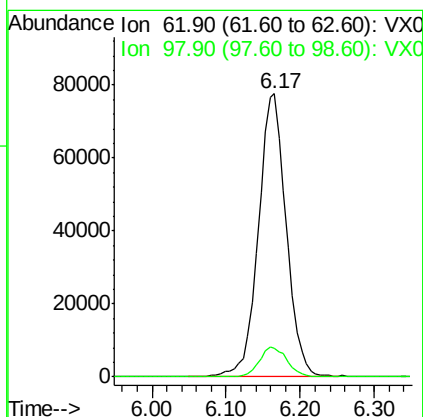
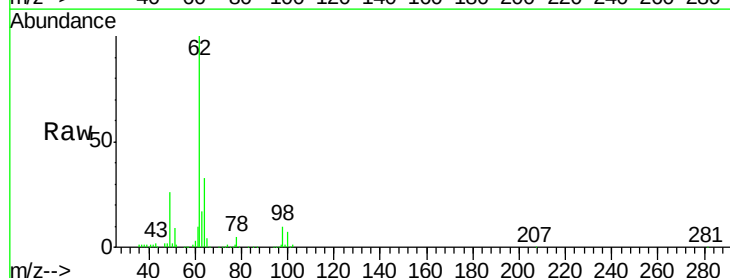
Manual Integrations
APPROVED

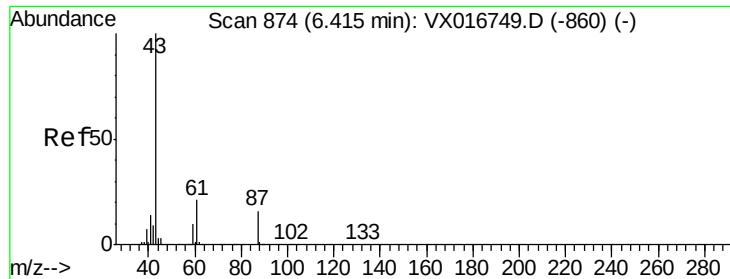
MMDadoda
6/17/2020 9:35:02 AM



#42
1,2-Dichloroethane
Concen: 46.692 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		202764		
98	10.3	0.0	20.2		





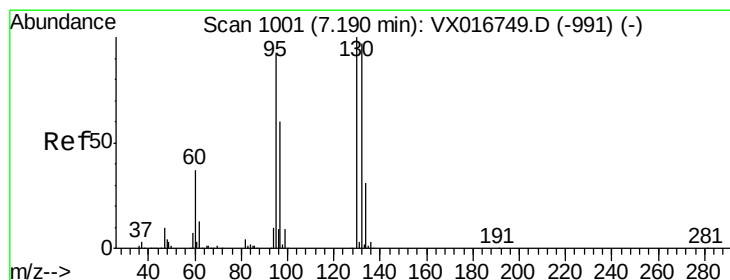
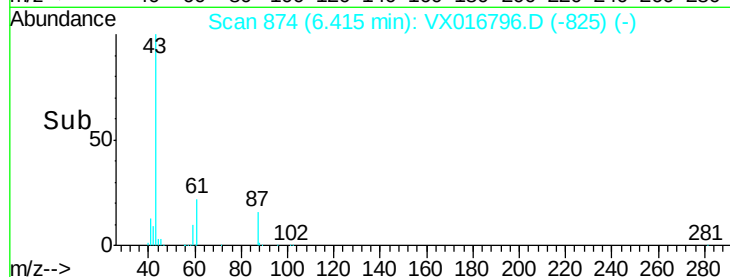
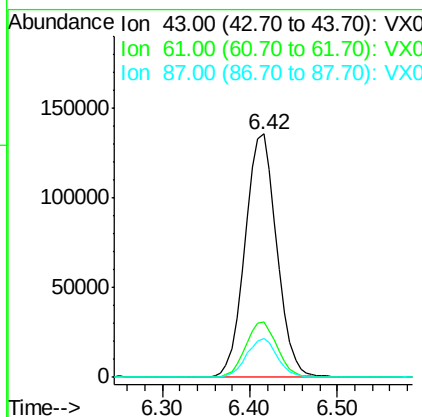
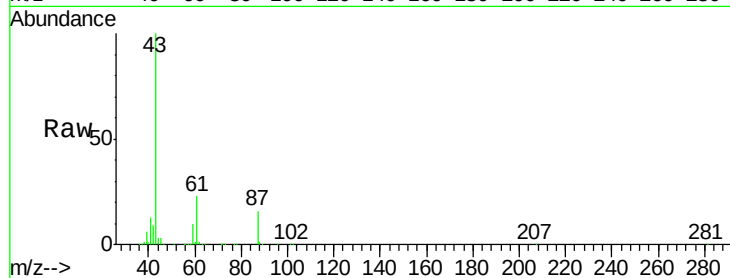
#43
Isopropyl Acetate
Concen: 50.753 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	17.7	26.5
87	15.7	12.5	18.7

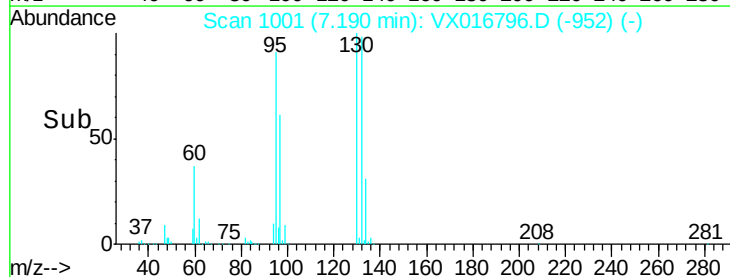
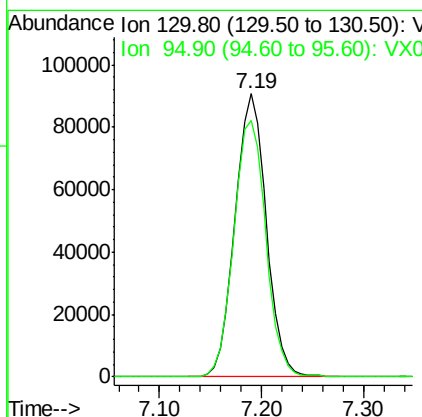
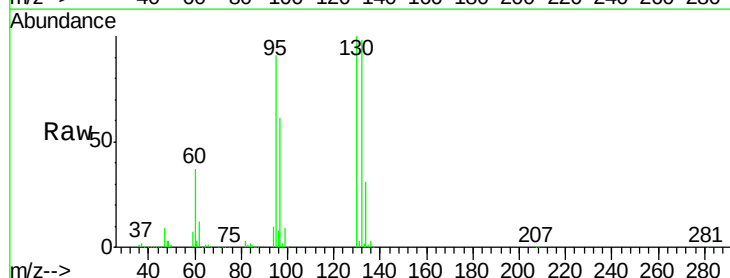
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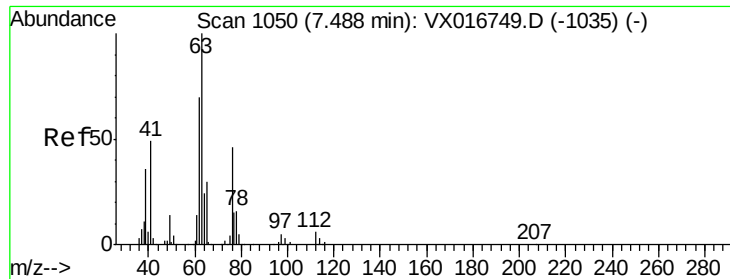
MMDadoda
6/17/2020 9:35:02 AM



#44
Trichloroethene
Concen: 52.460 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	183.6





#45

1,2-Dichloropropane

Concen: 50.725 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 147948

Ion Ratio Lower Upper

63 100

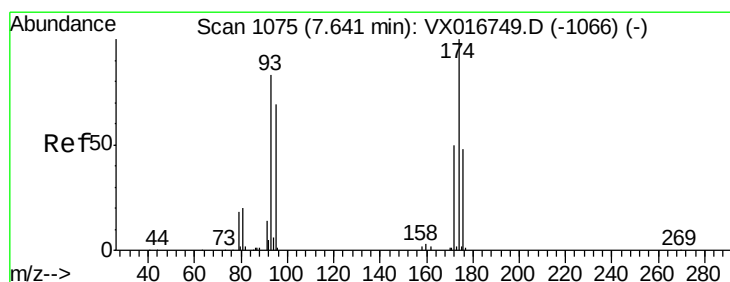
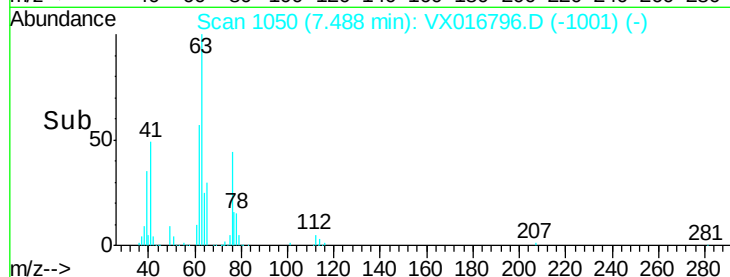
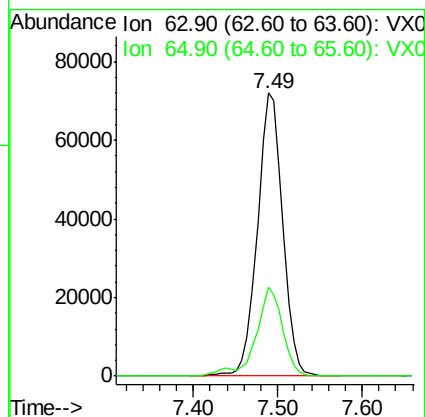
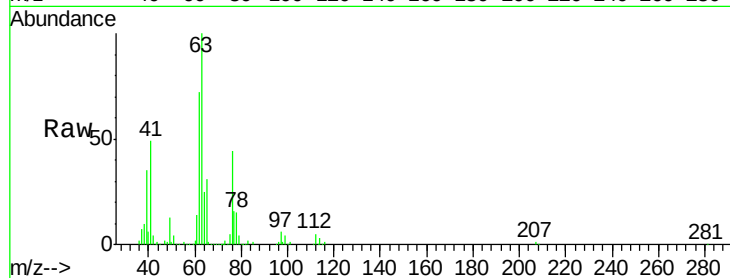
65 31.4 24.2 36.2

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#46

Dibromomethane

Concen: 48.393 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

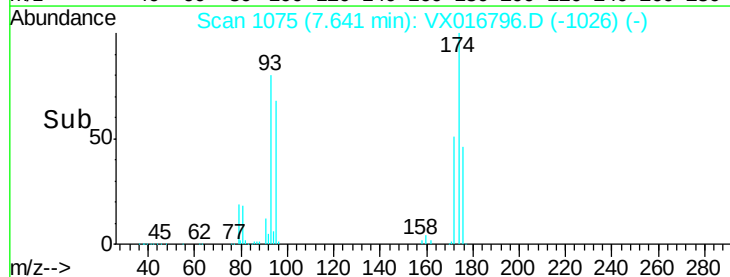
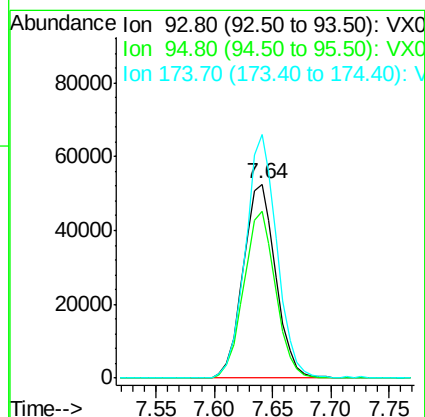
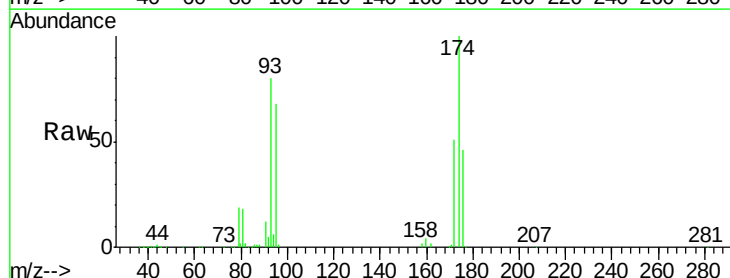
Tgt Ion: 93 Resp: 102875

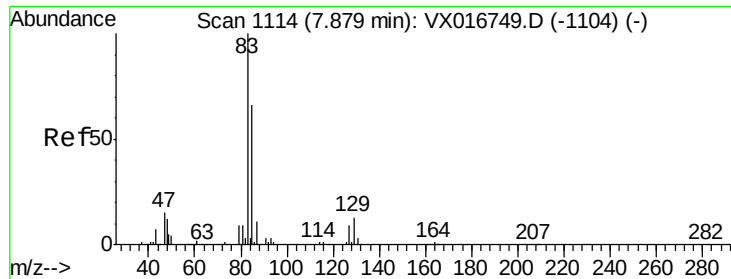
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 120.8 93.8 140.8





#47

Bromodichloromethane

Concen: 48.326 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

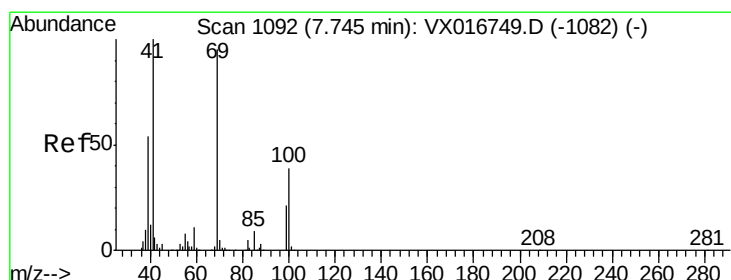
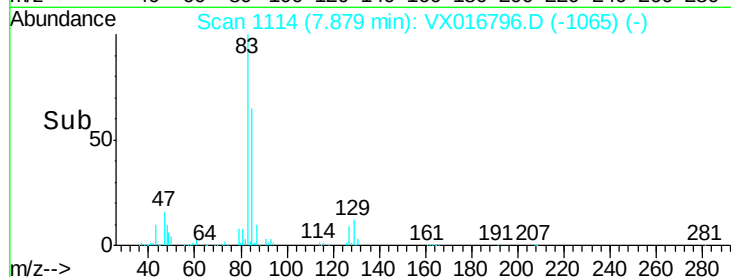
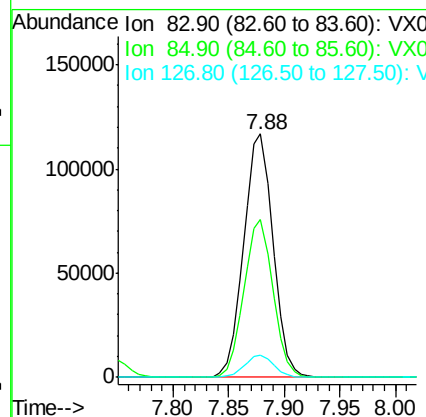
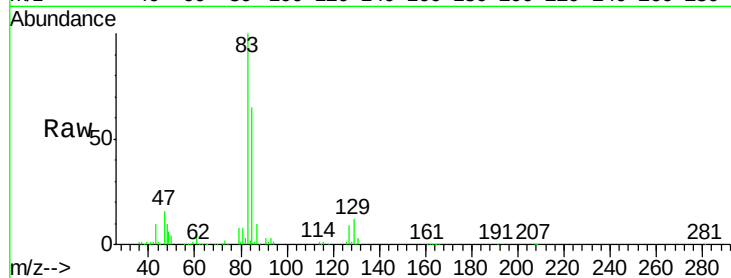
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	214174
Ion Ratio	Lower	Upper	
83	100		
85	65.1	52.5	78.7
127	9.2	7.5	11.3

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#48

Methyl methacrylate

Concen: 52.252 ug/l

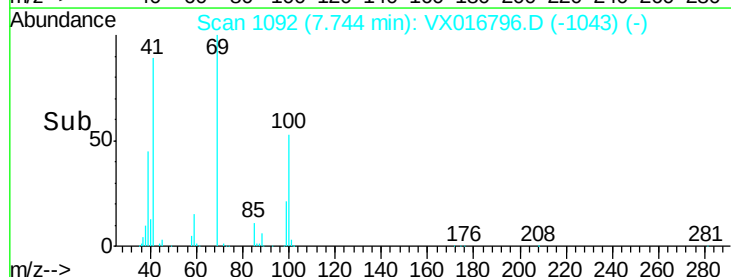
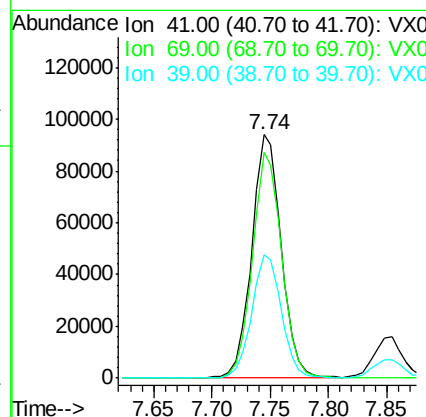
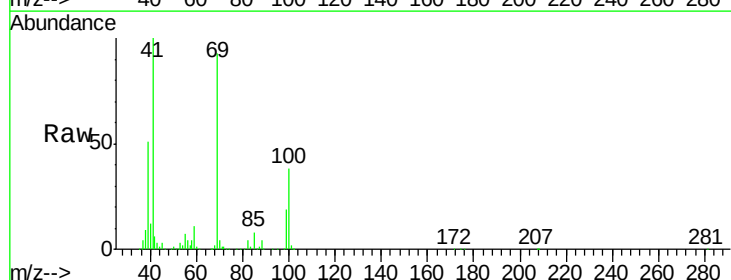
RT: 7.74 min Scan# 1092

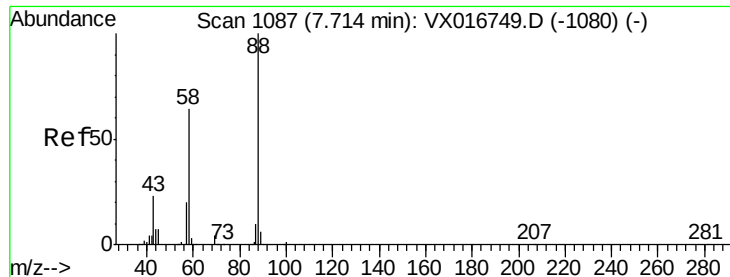
Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion:	41	Resp:	166110
Ion Ratio	Lower	Upper	
41	100		
69	92.3	75.0	112.6
39	50.8	44.3	66.5





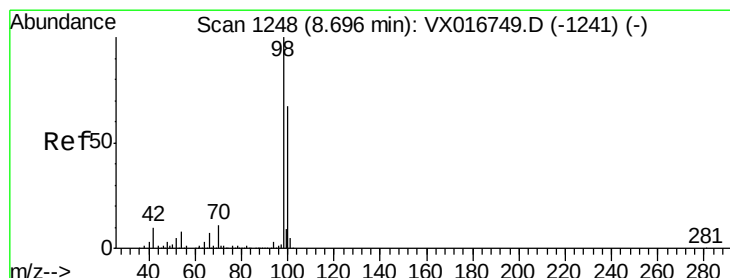
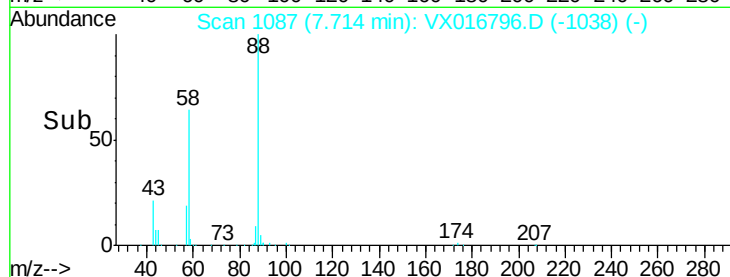
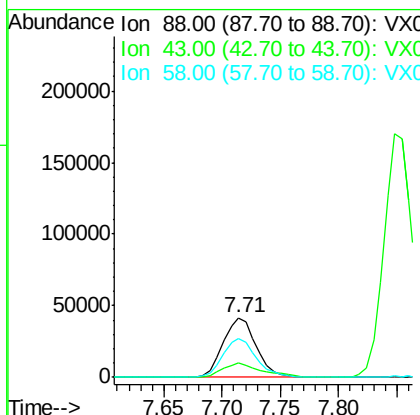
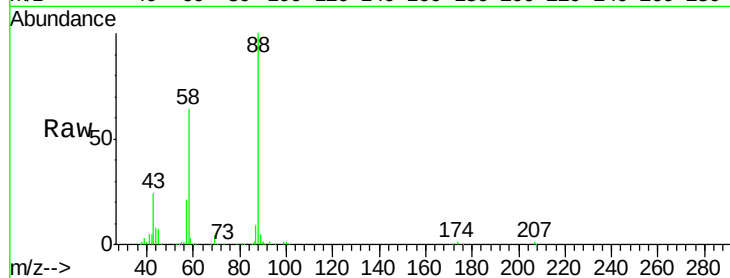
#49
1,4-Dioxane
Concen: 1040.215 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	22.9	34.3
58	66.2	53.7	80.5

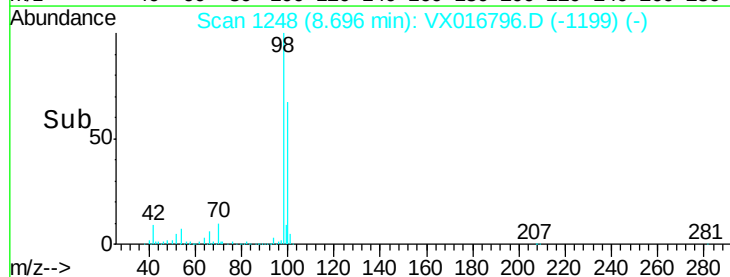
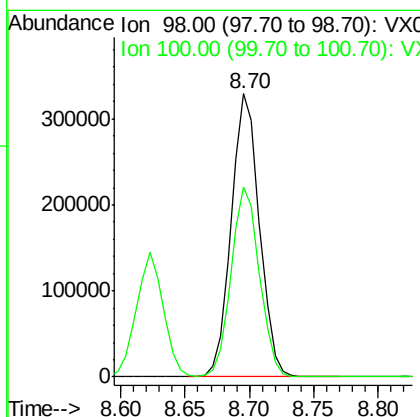
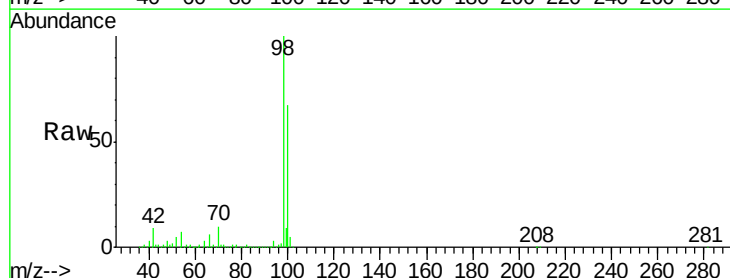
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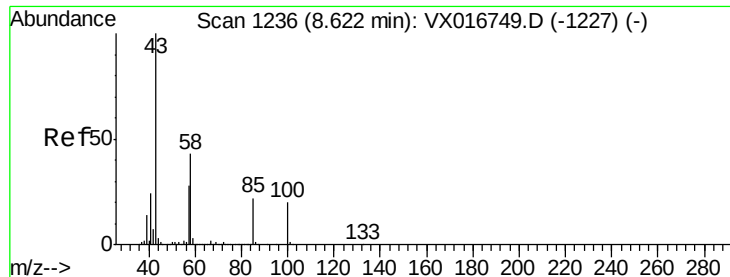
MMDadoda
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#50
Toluene-d8
Concen: 50.023 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.9	80.9





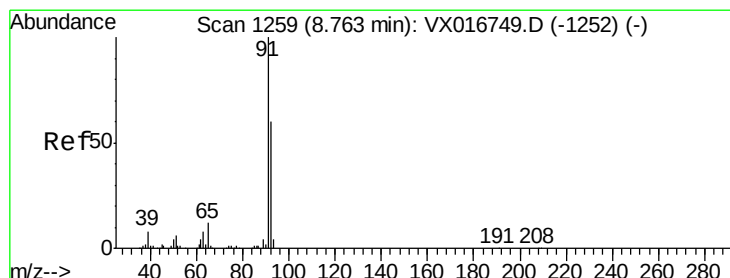
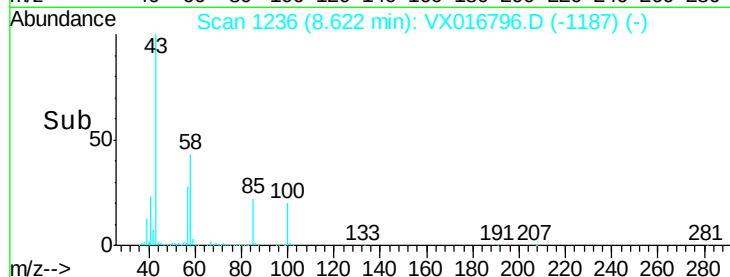
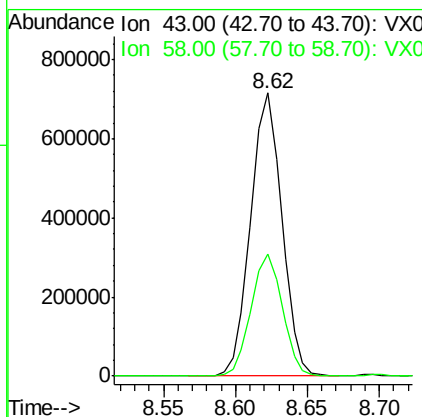
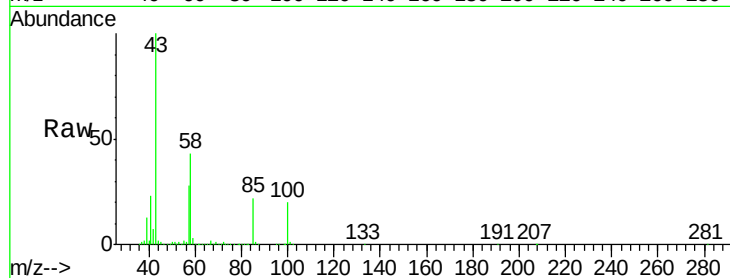
#51
4-Methyl-2-Pentanone
Concen: 259.761 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1073616
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0

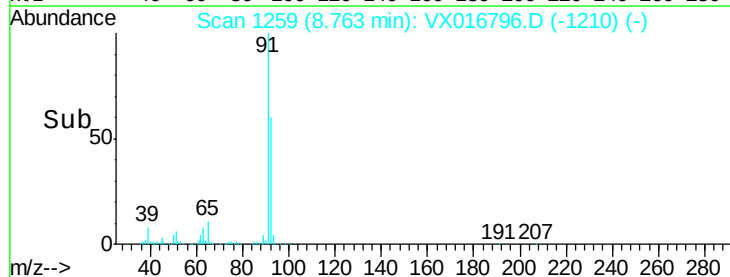
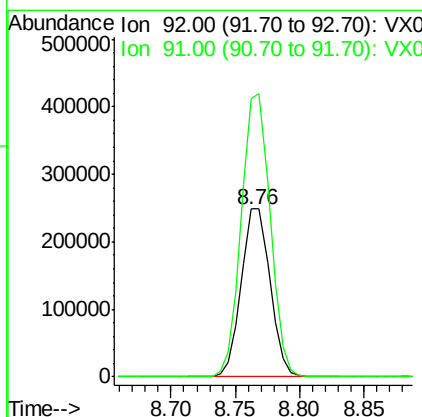
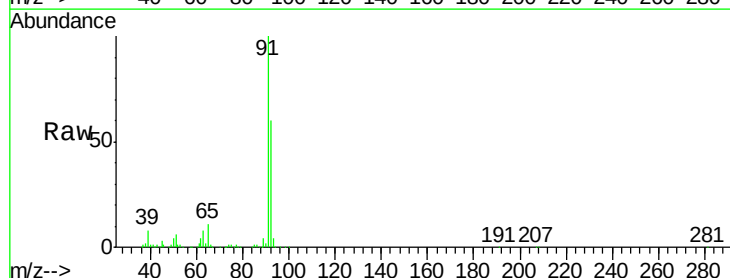
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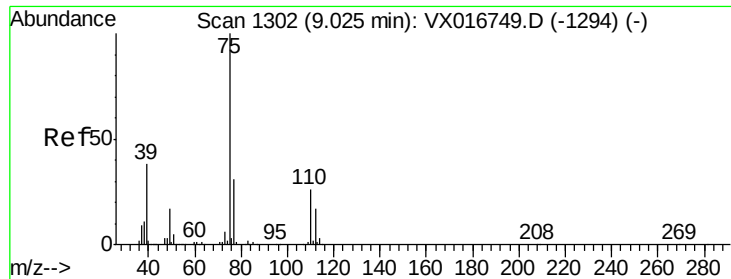
MMDadoda
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#52
Toluene
Concen: 49.901 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 92 Resp: 385658
Ion Ratio Lower Upper
92 100
91 168.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 48.036 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 240454

Ion Ratio Lower Upper

75 100

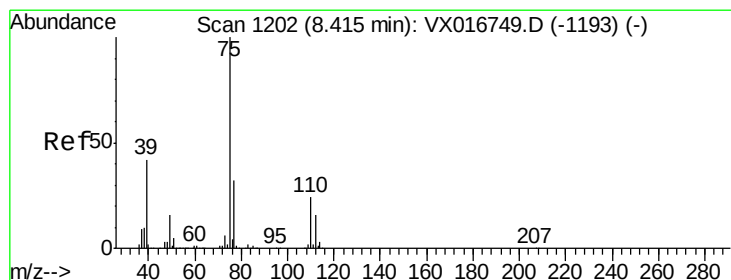
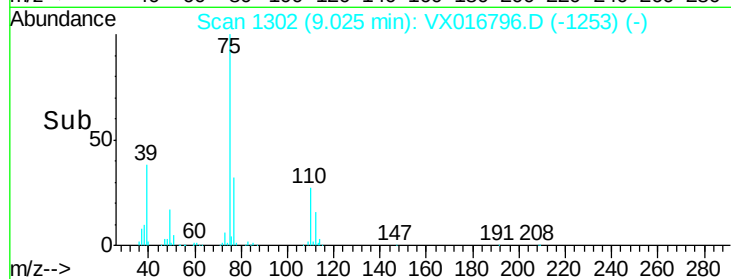
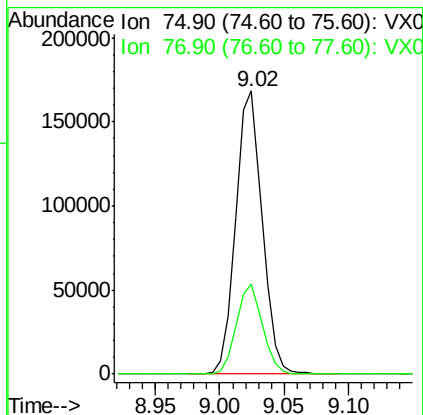
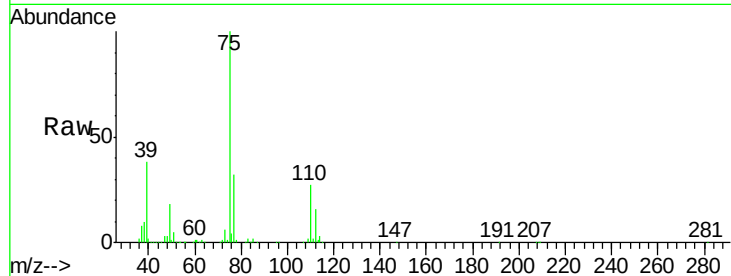
77 31.9 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 48.631 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

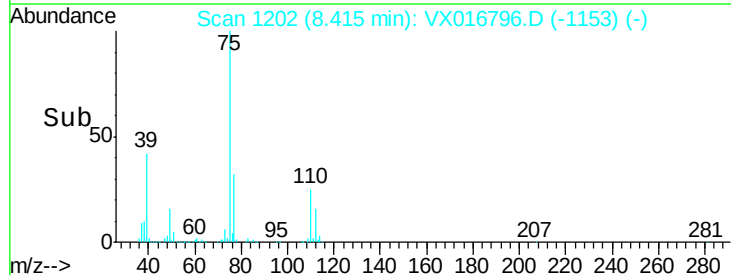
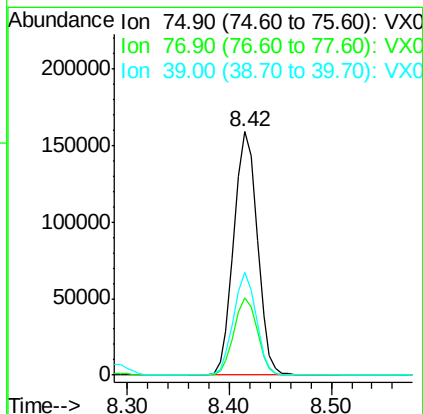
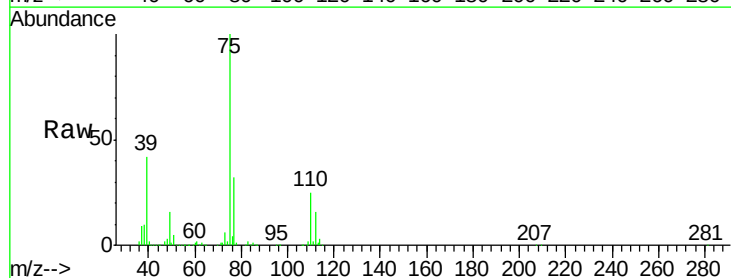
Tgt Ion: 75 Resp: 253922

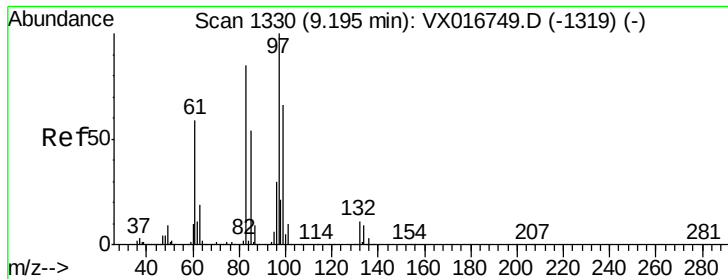
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 42.2 33.7 50.5





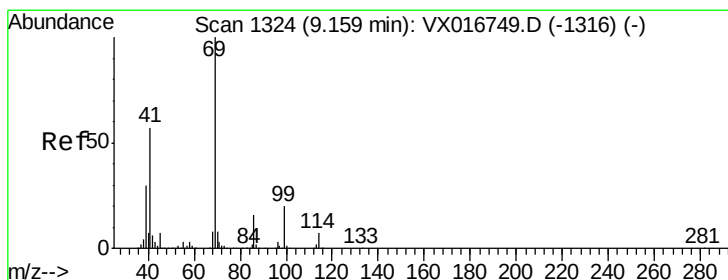
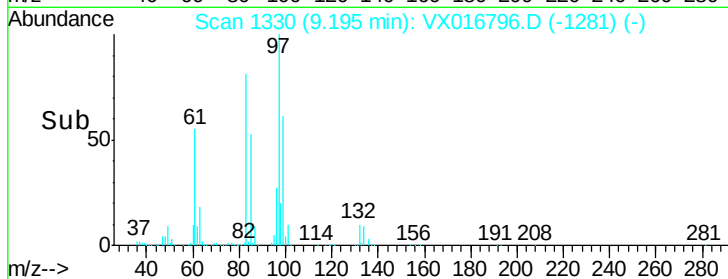
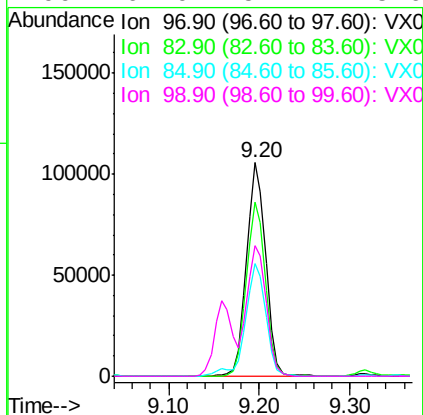
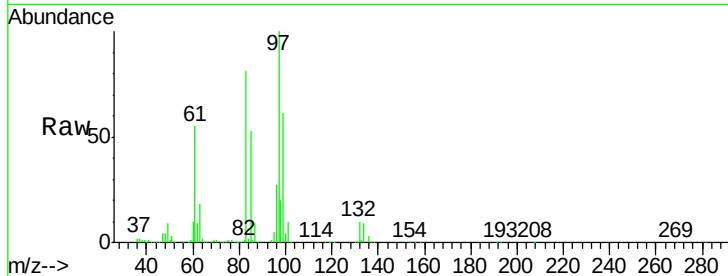
#55
 1,1,2-Trichloroethane
 Concen: 49.955 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	155264
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.3	102.5
85	52.5	43.5	65.3
99	61.0	52.4	78.6

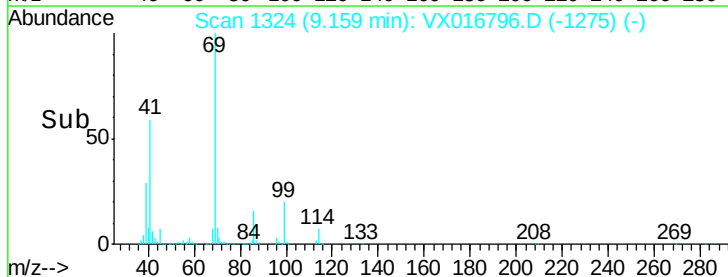
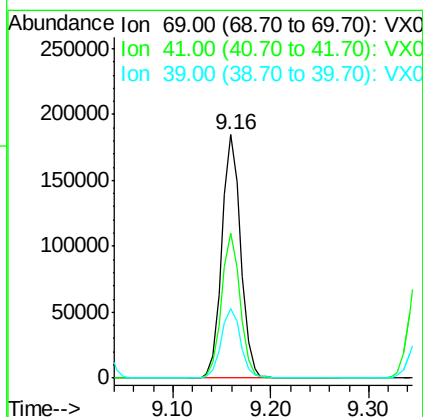
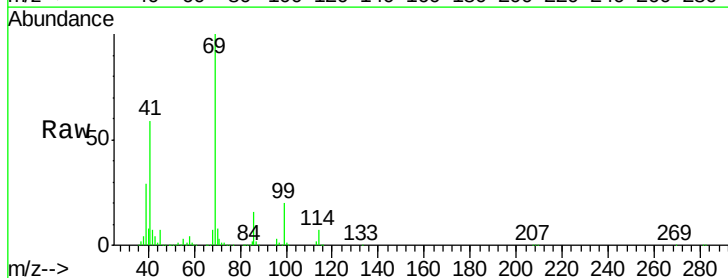
Manual Integrations
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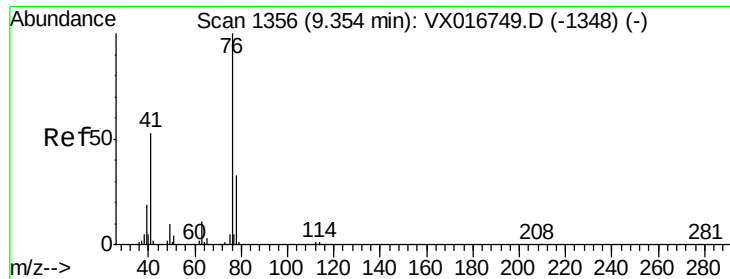
MMDadoda
 6/17/2020 9:35:02 AM



#56
 Ethyl methacrylate
 Concen: 52.963 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	69	Resp	246463
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.1	70.7
39	29.7	25.0	37.6





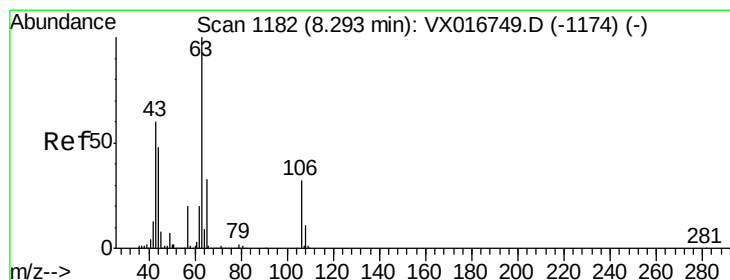
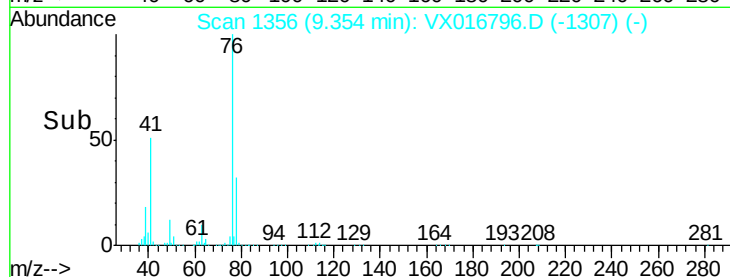
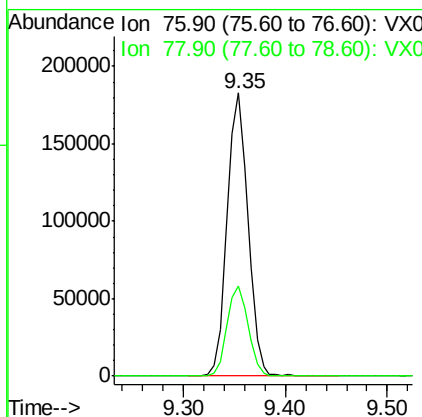
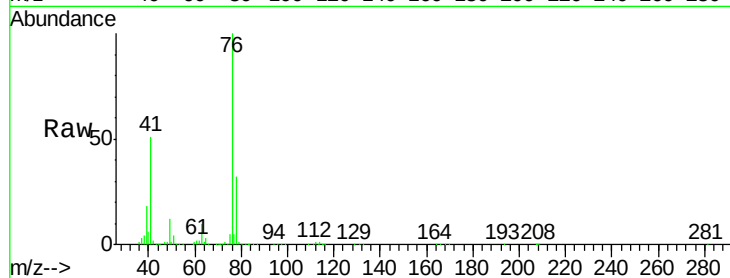
#57
 1,3-Dichloropropane
 Concen: 49.407 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.7	38.5

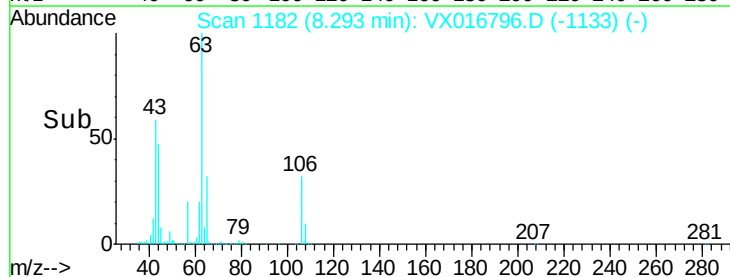
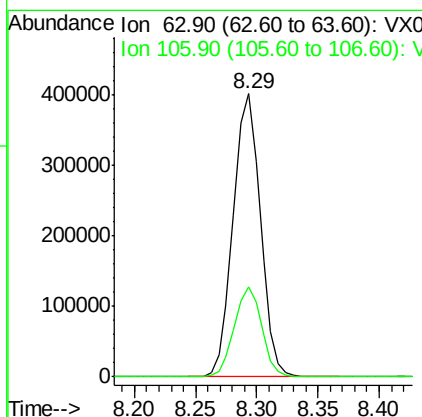
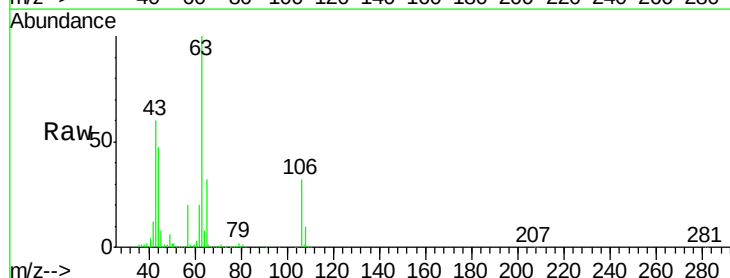
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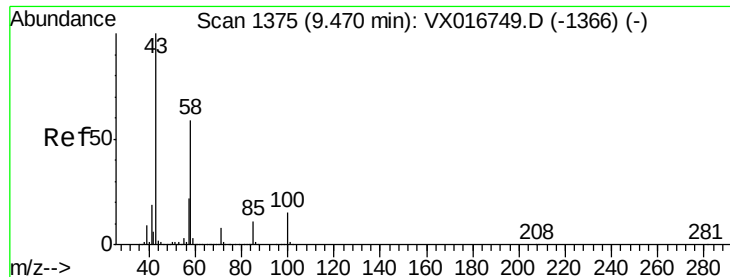
MMDadoda
 6/17/2020 9:35:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.428 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.5	38.3





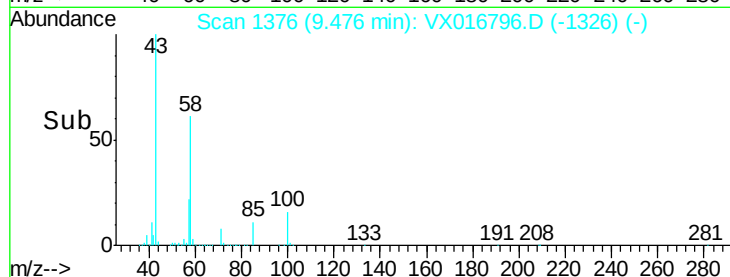
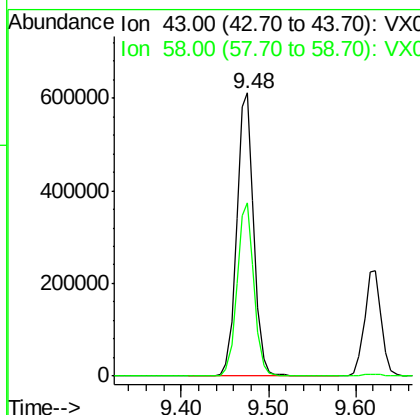
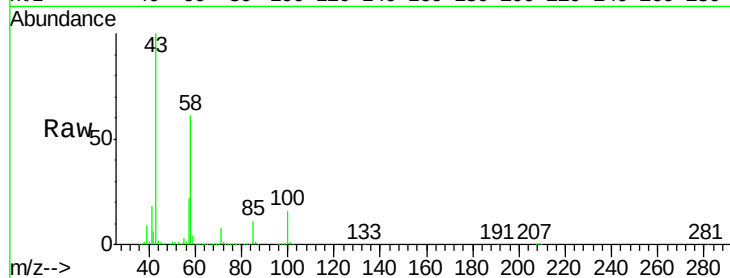
#59
2-Hexanone
Concen: 260.106 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 829894
Ion Ratio Lower Upper
43 100
58 60.9 29.9 89.8

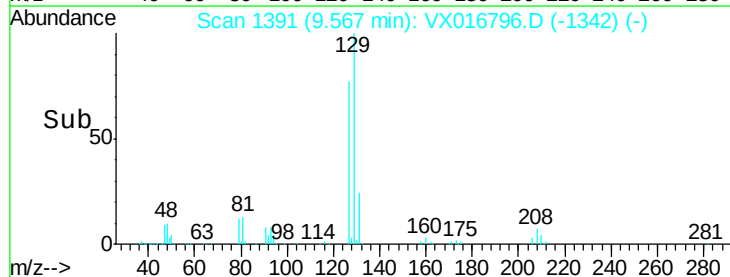
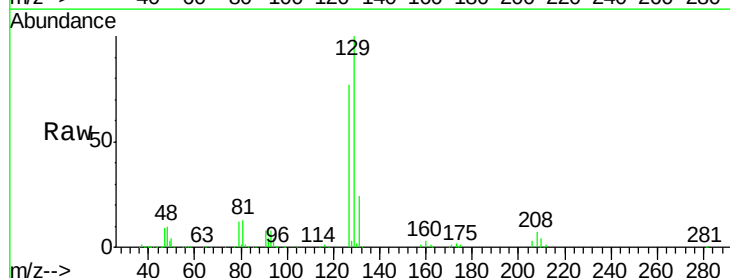
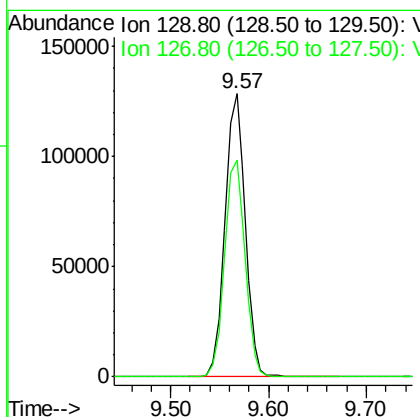
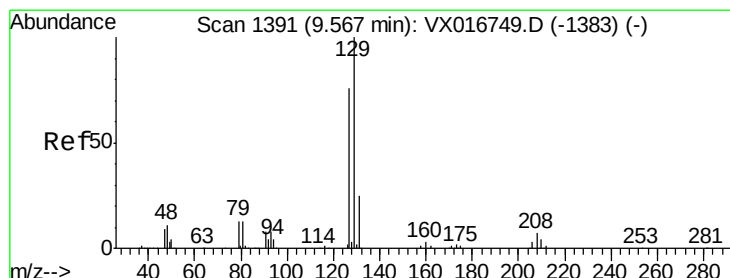
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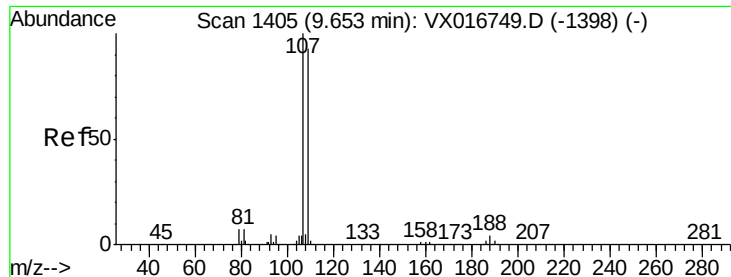
MMDadoda
6/17/2020 9:35:02 AM



#60
Dibromochloromethane
Concen: 50.385 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 129 Resp: 185079
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.030 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

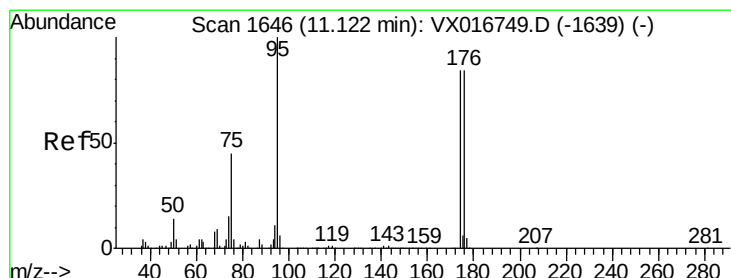
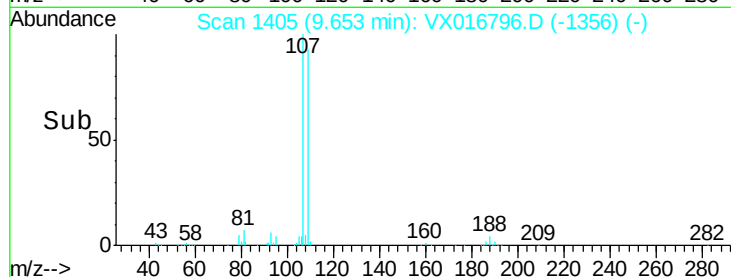
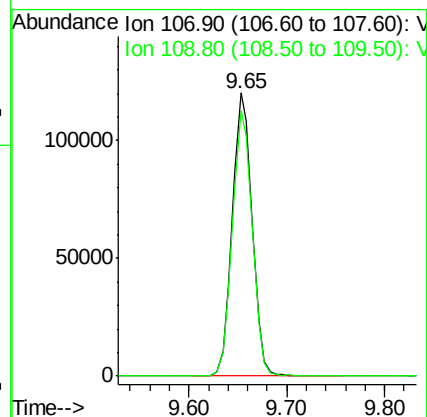
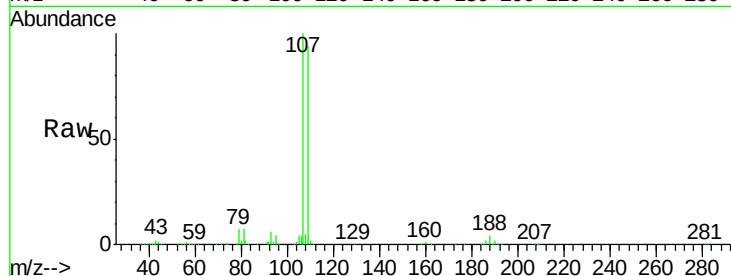
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	169467		
109	94.1	74.2	111.4	

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#62

4-Bromofluorobenzene

Concen: 49.964 ug/l

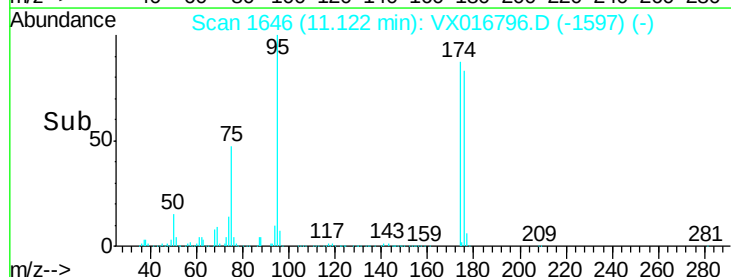
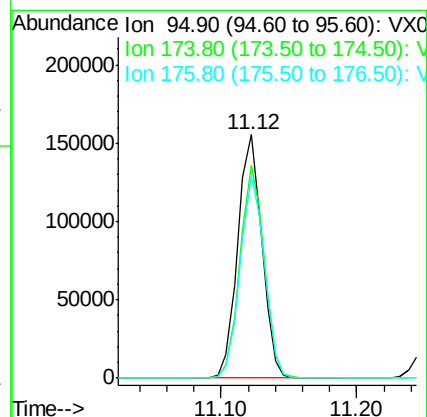
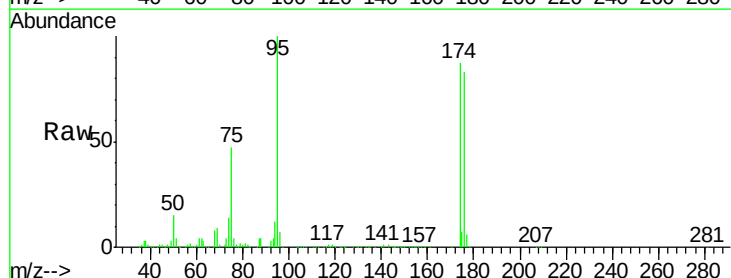
RT: 11.12 min Scan# 1646

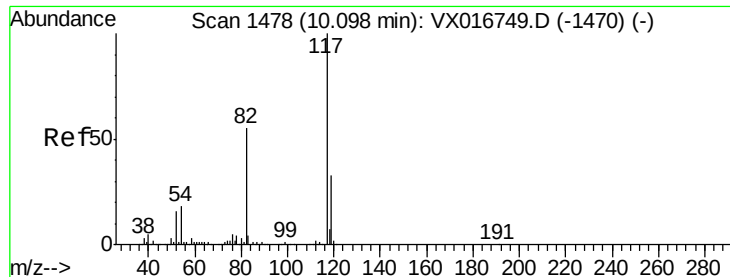
Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	192259		
174	87.5	0.0	171.0	
176	83.4	0.0	166.2	





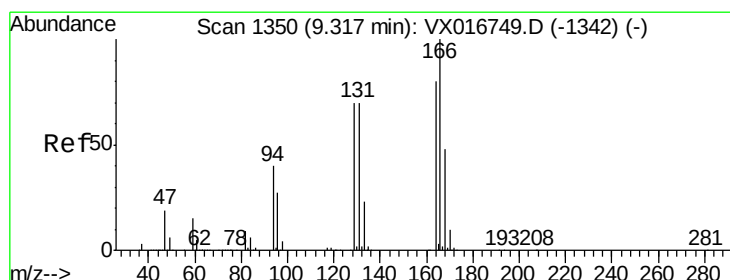
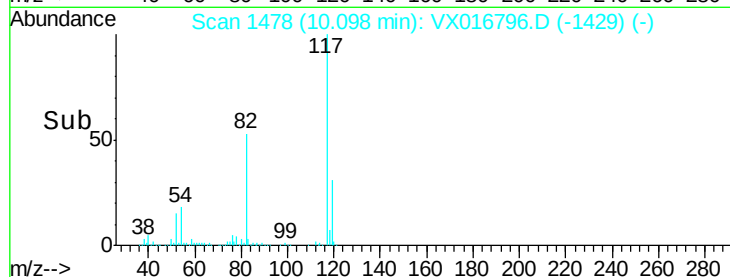
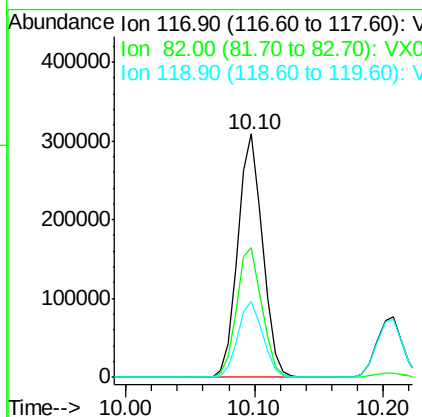
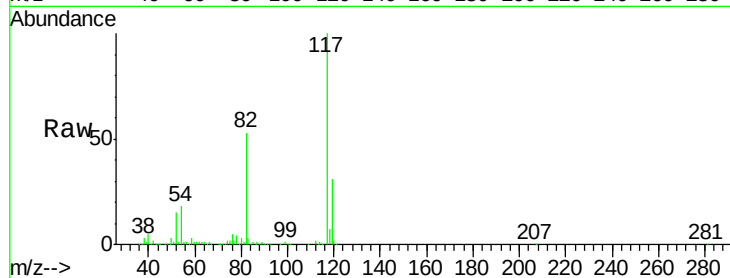
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.6
119	31.1	26.2	39.4

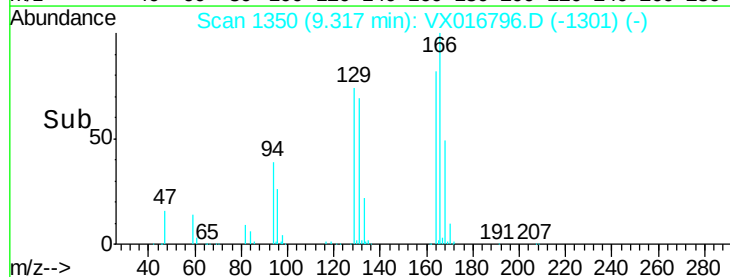
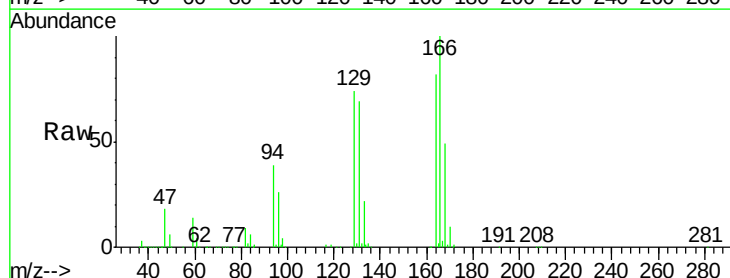
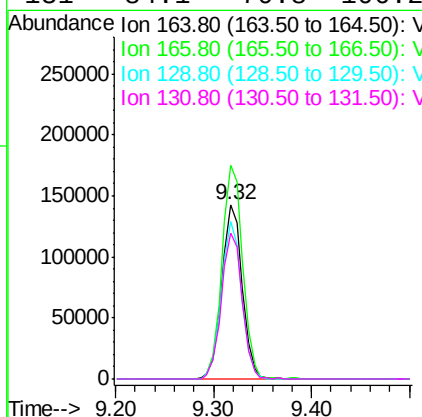
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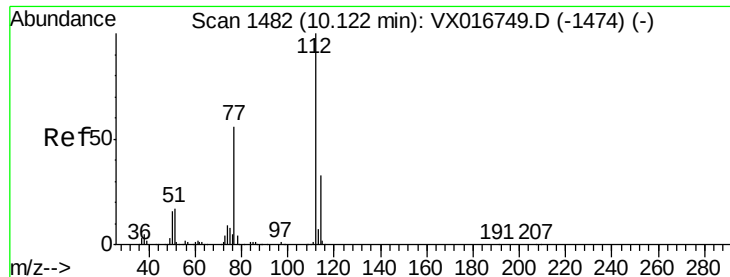
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#64
Tetrachloroethene
Concen: 52.262 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.6	150.8
129	90.2	70.1	105.1
131	84.1	70.8	106.2





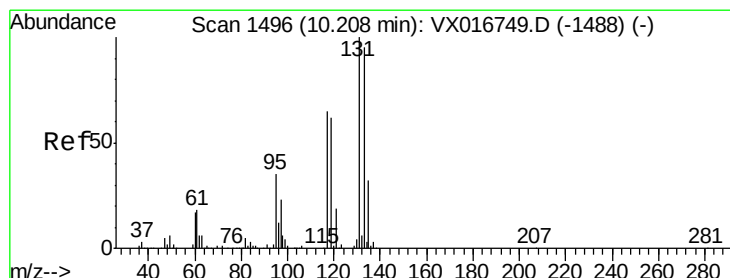
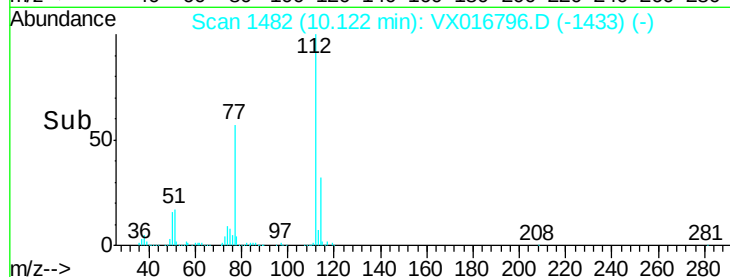
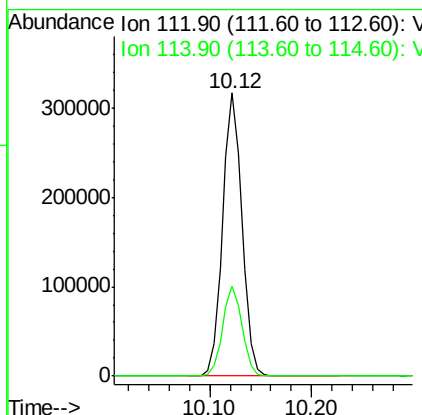
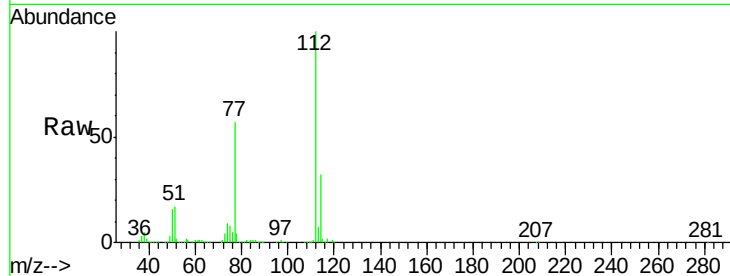
#65
Chlorobenzene
Concen: 50.230 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.4

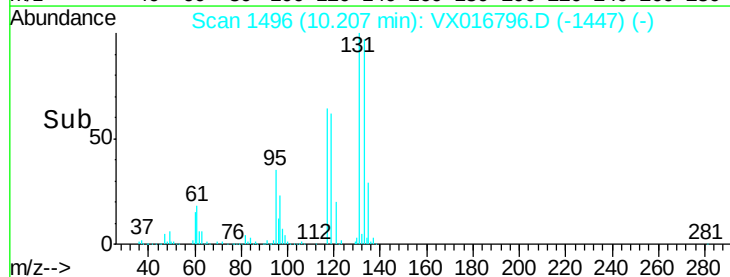
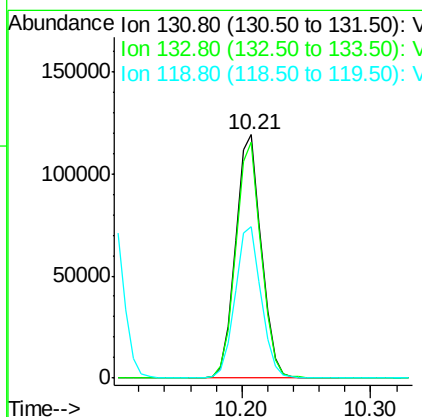
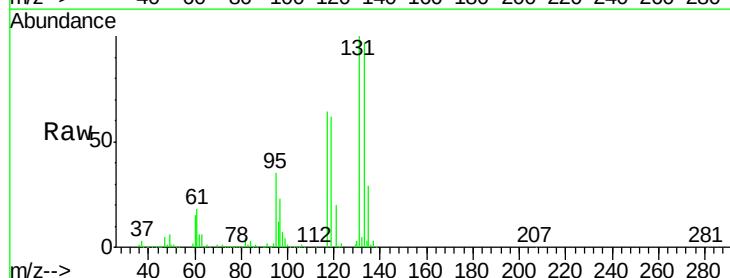
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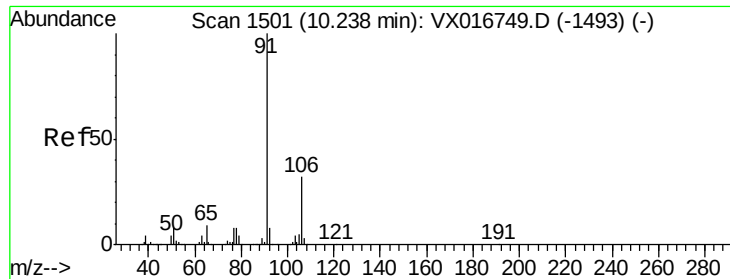
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.758 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	46.8	140.3
119	62.9	31.4	94.0





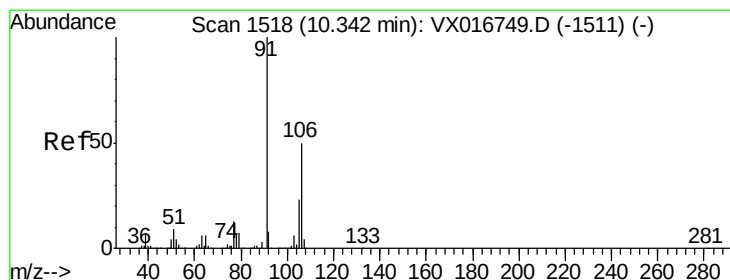
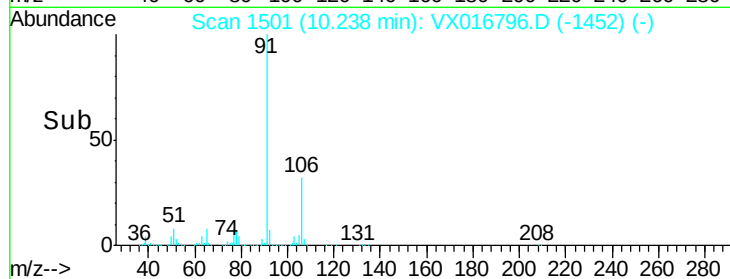
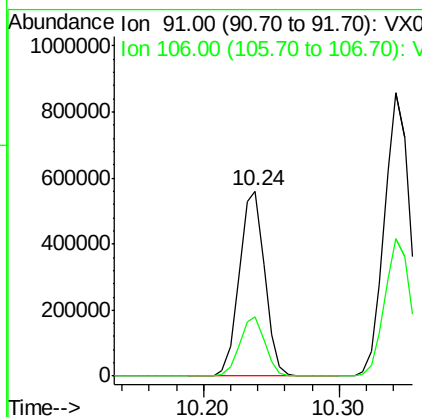
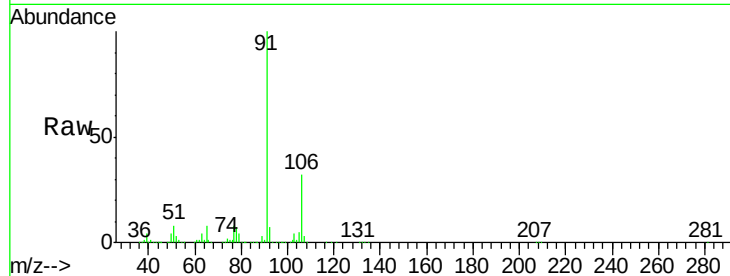
#67
Ethyl Benzene
Concen: 51.866 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 731600
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

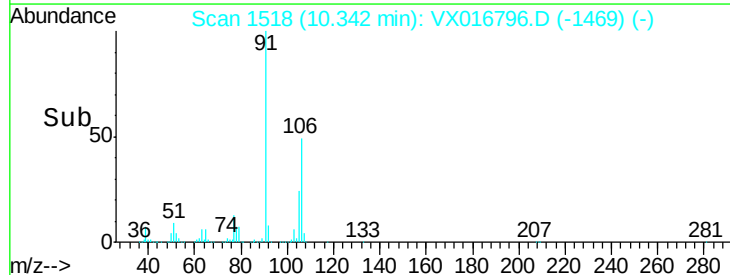
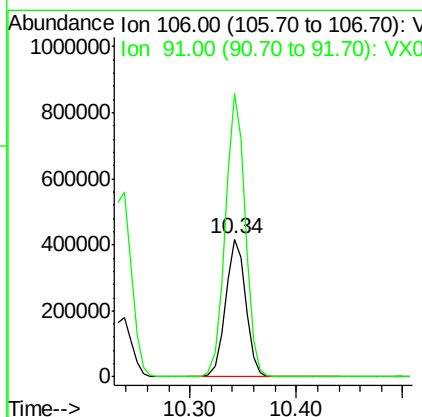
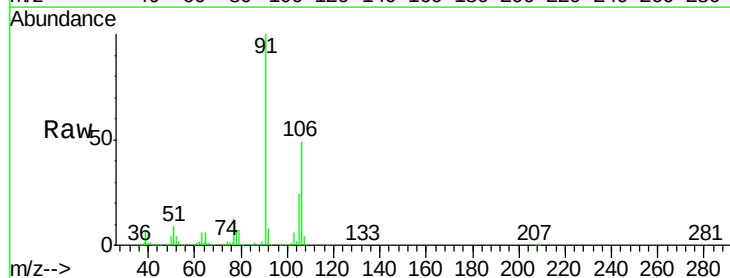
Manual Integrations
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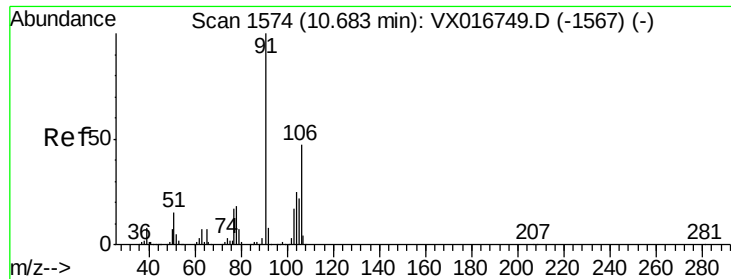
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#68
m/p-Xylenes
Concen: 103.380 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion: 106 Resp: 552902
Ion Ratio Lower Upper
106 100
91 203.5 161.2 241.8





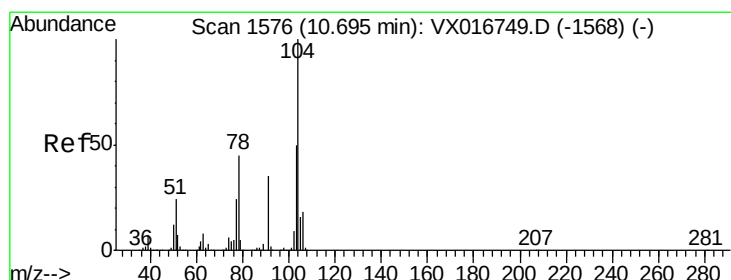
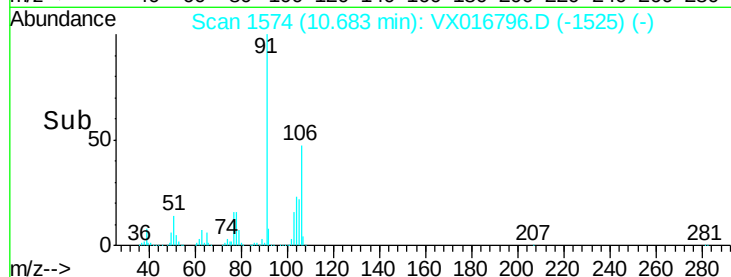
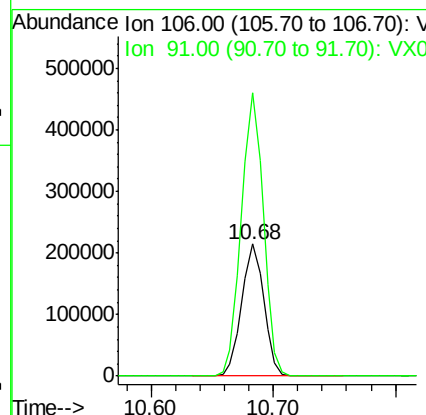
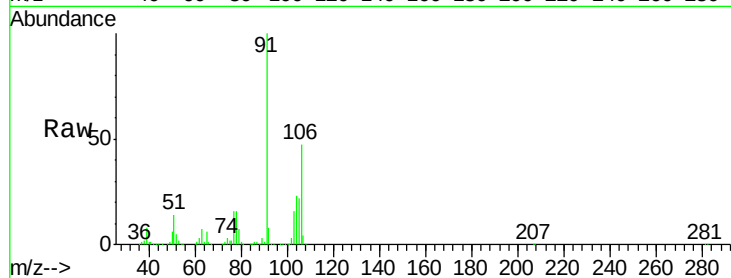
#69
o-Xylene
Concen: 52.107 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		268476		
91	213.9	106.9	320.8		

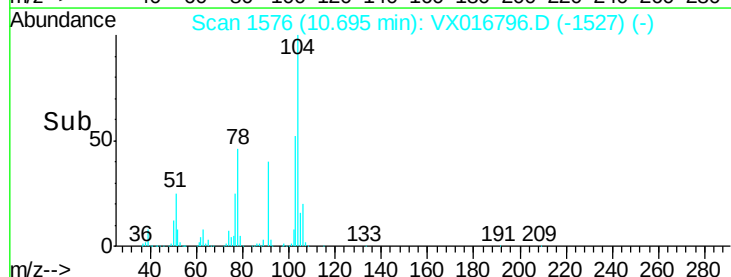
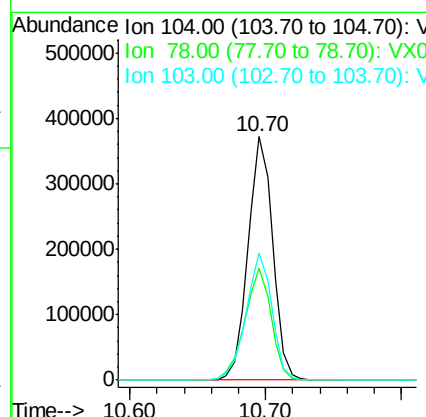
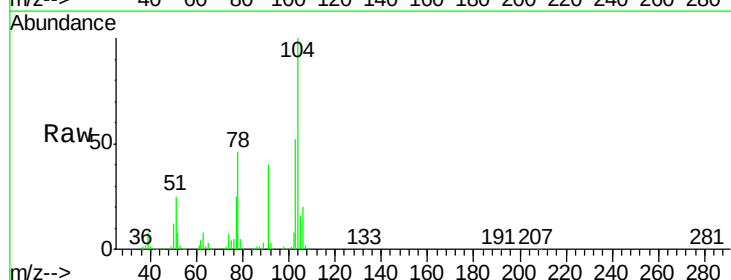
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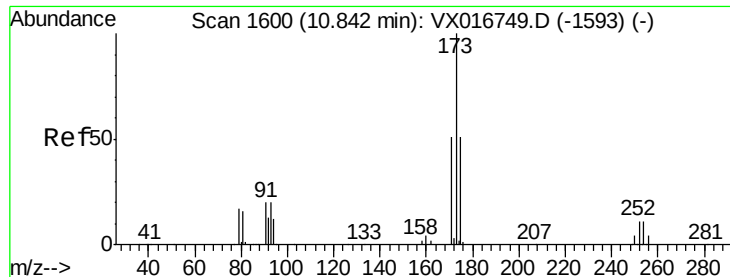
MMDadoda
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#70
Styrene
Concen: 53.014 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		472202		
78	49.3	39.8	59.8		
103	54.7	43.4	65.2		





#71

Bromoform

Concen: 52.542 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

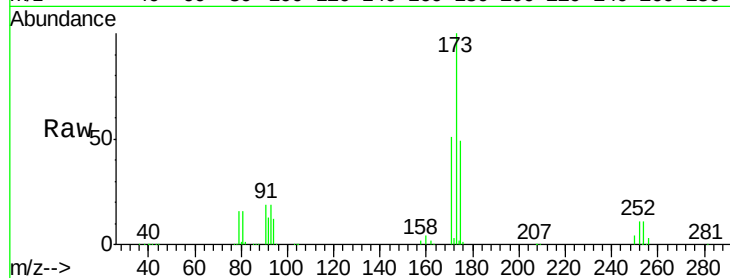
ClientSampleId :

VSTDCCC050

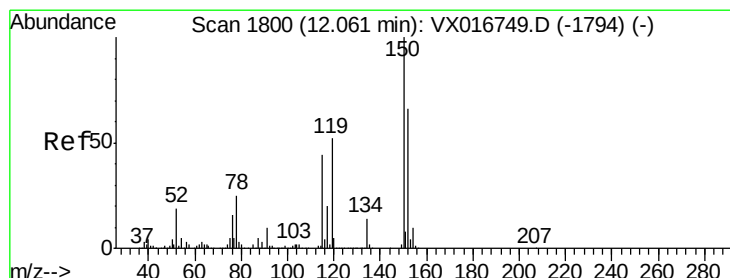
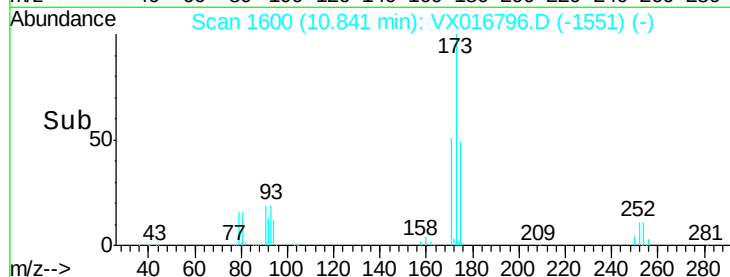
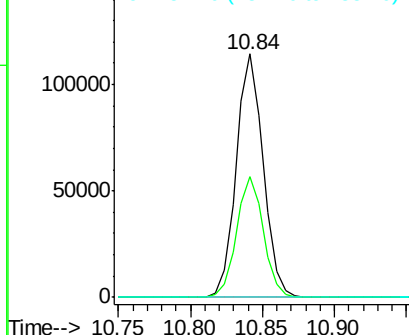
Tot Ion:	173	Resp:	149222
Ion Ratio	Lower	Upper	
173	100		
175	49.2	25.1	75.4
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

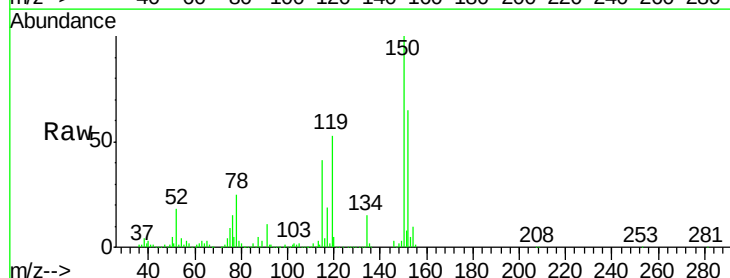
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

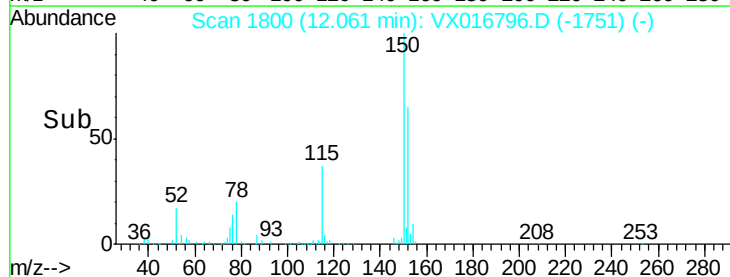
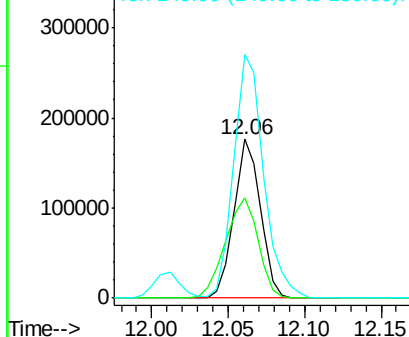
Lab File: VX016796.D

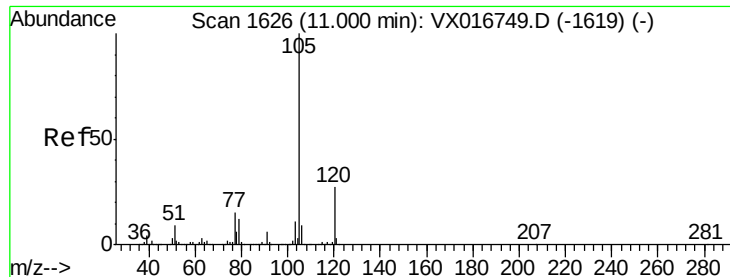
Acq: 16 Jun 2020 22:40

Tgt Ion:	152	Resp:	211041
Ion Ratio	Lower	Upper	
152	100		
115	78.4	40.3	120.8
150	174.1	0.0	337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.710 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 716062

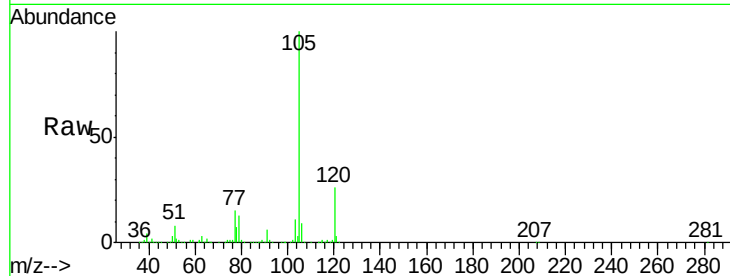
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

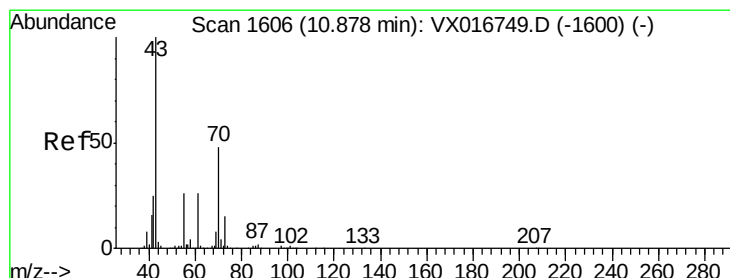
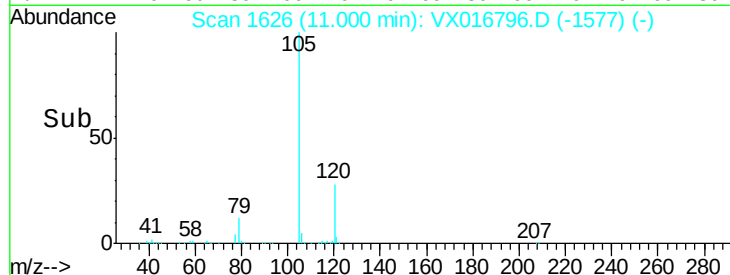
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.193 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion: 43 Resp: 291673

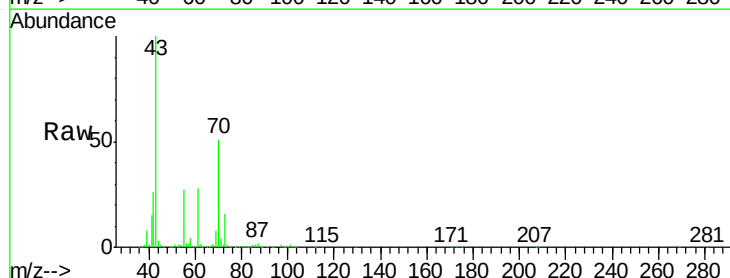
Ion Ratio Lower Upper

43 100

70 48.3 39.8 59.6

55 26.3 21.7 32.5

61 27.1 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

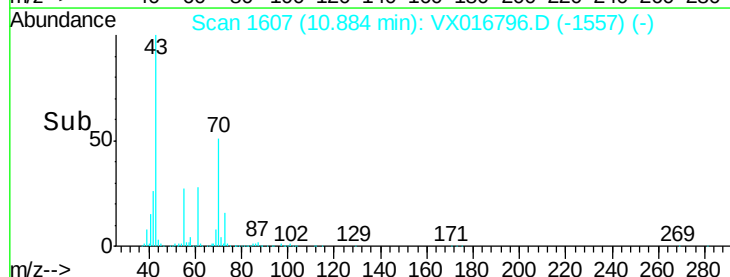
300000

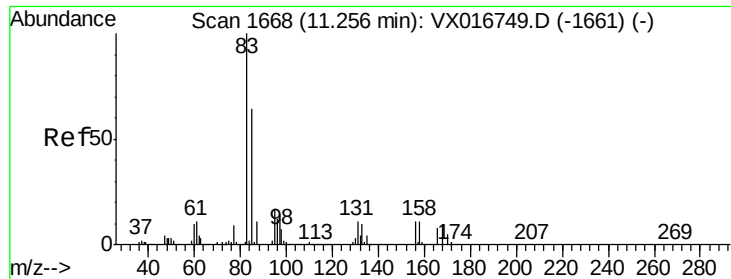
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.482 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

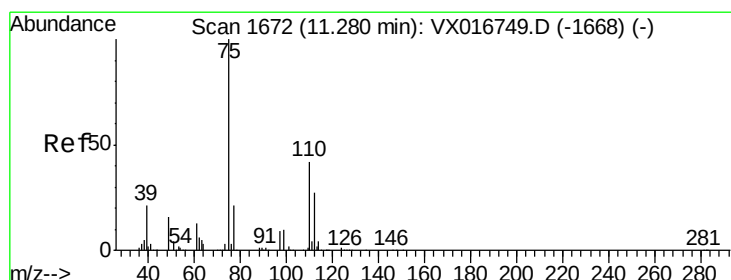
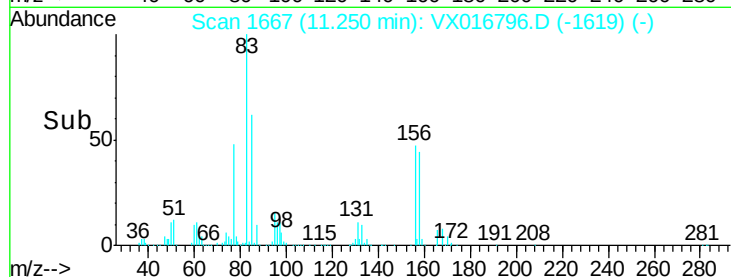
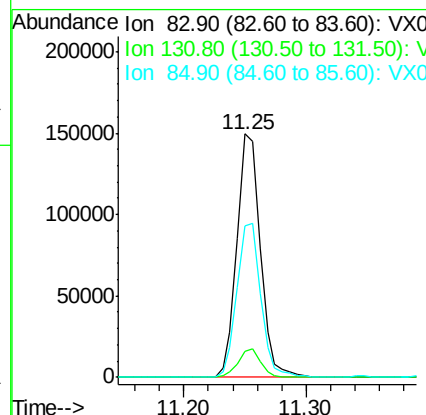
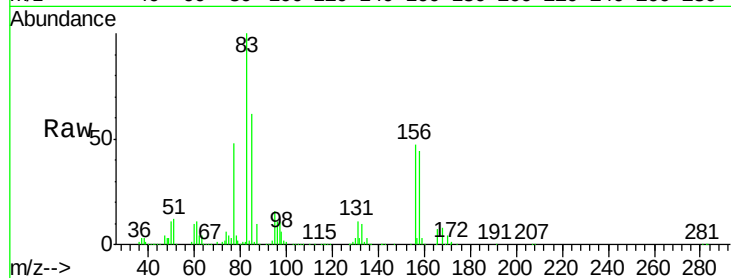
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	197490
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	64.7	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 49.319 ug/l m

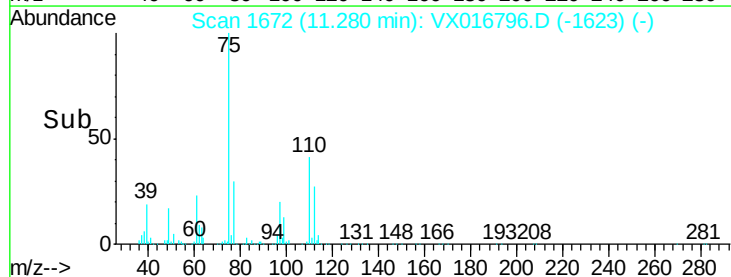
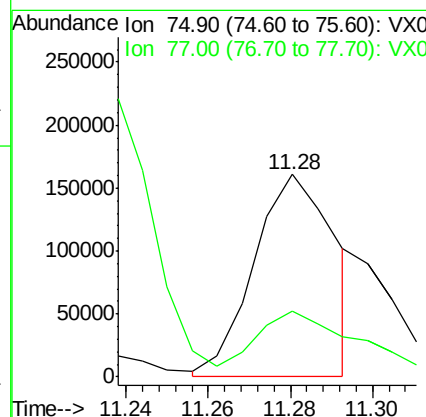
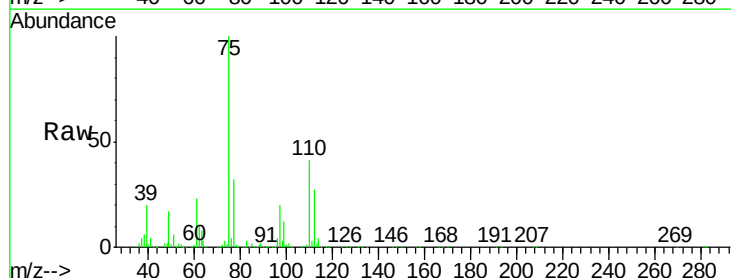
RT: 11.28 min Scan# 1672

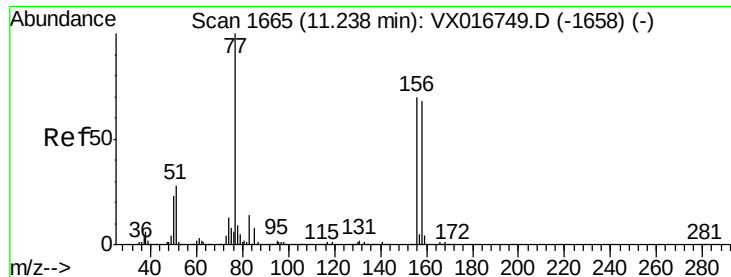
Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion:	75	Resp:	218881
Ion Ratio	Lower	Upper	
75	100		
77	41.5	20.3	60.9





#77

Bromobenzene

Concen: 49.707 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

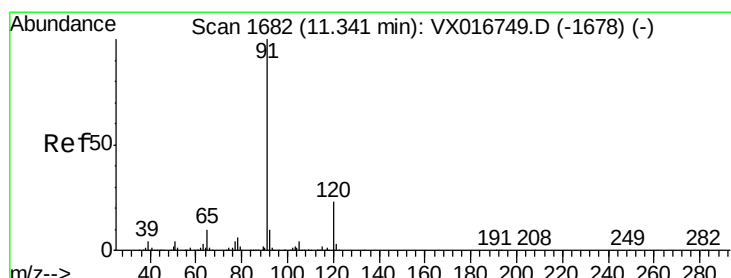
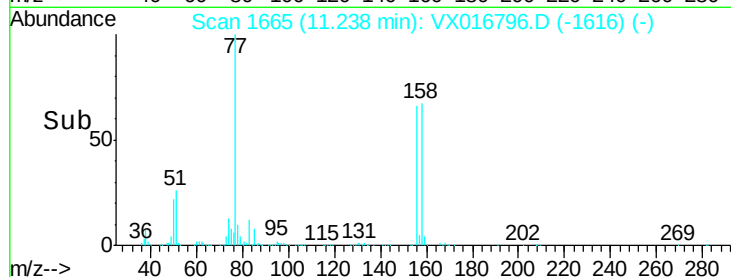
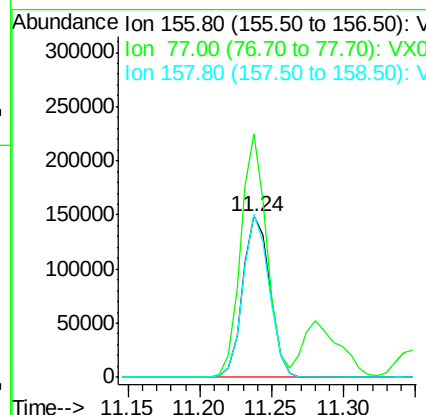
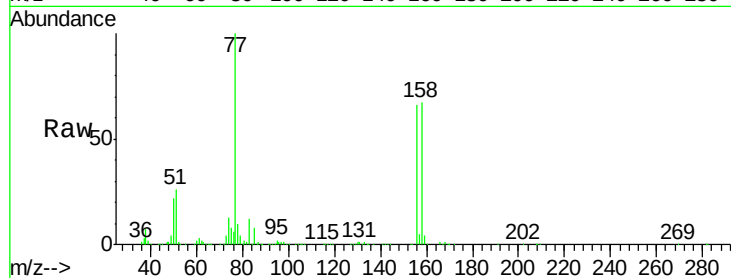
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	194352
Ion Ratio	Lower	Upper	
156	100		
77	145.2	73.2	219.6
158	97.6	48.8	146.4

Manual Integrations
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MMDadoda
6/17/2020 9:35:02 AM



#78

n-propylbenzene

Concen: 52.497 ug/l

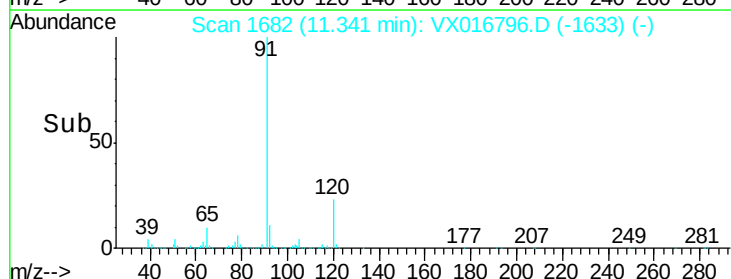
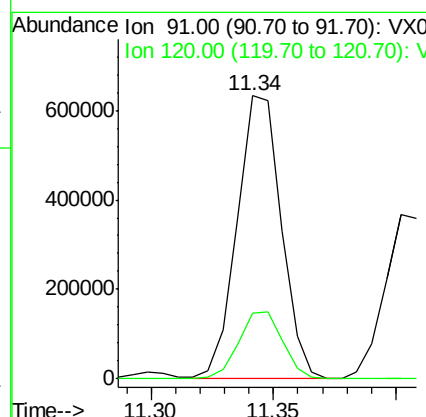
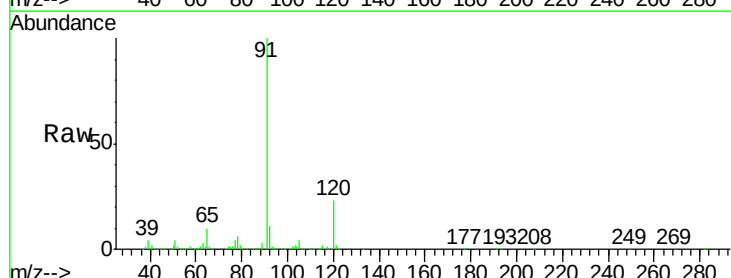
RT: 11.34 min Scan# 1682

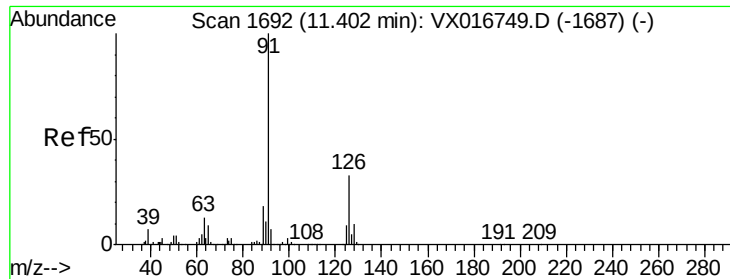
Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion:	91	Resp:	789469
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 50.452 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 479782

Ion Ratio Lower Upper

91 100

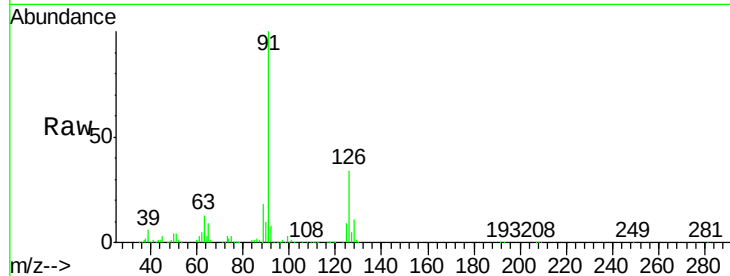
126 35.1 17.2 51.5

Manual Integrations

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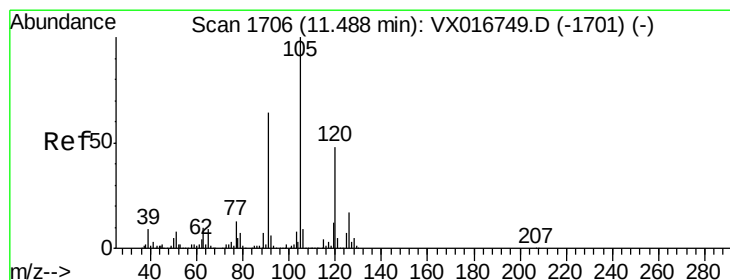
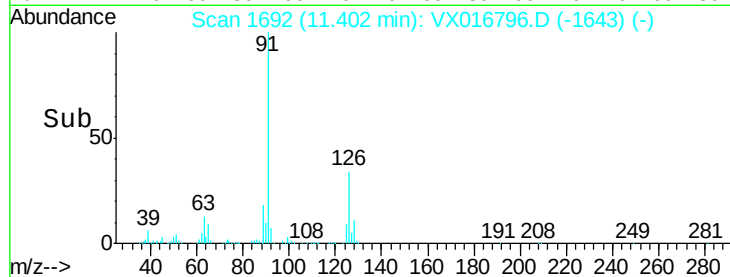
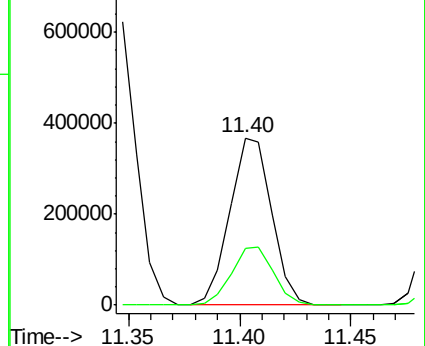
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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.592 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016796.D

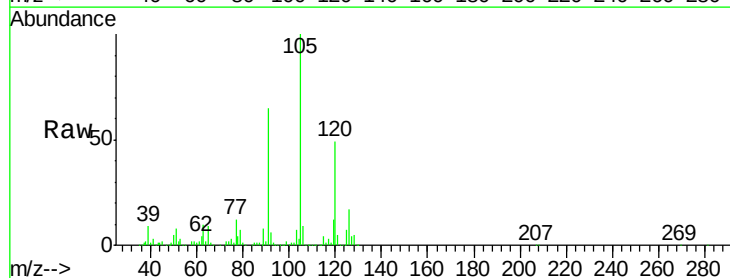
Acq: 16 Jun 2020 22:40

Tgt Ion: 105 Resp: 610496

Ion Ratio Lower Upper

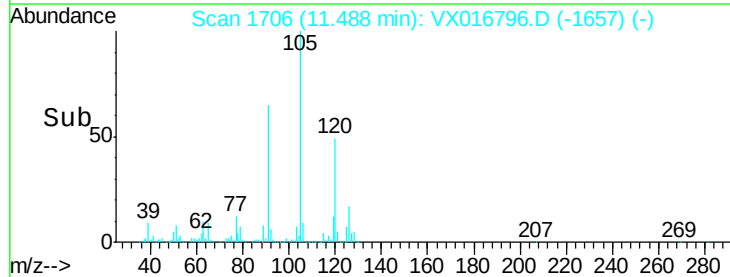
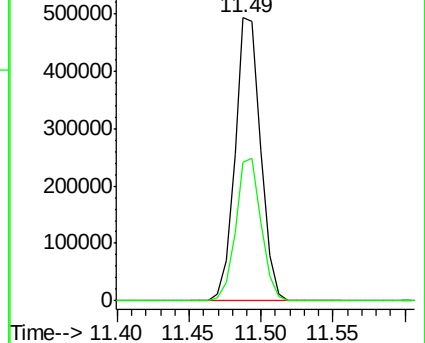
105 100

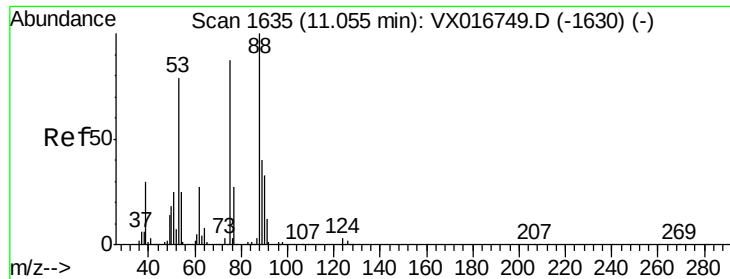
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016749.D (-1701) (-)





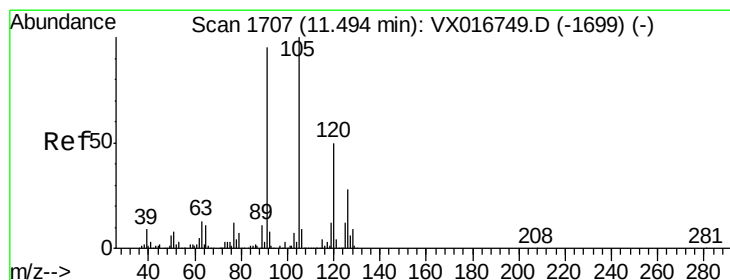
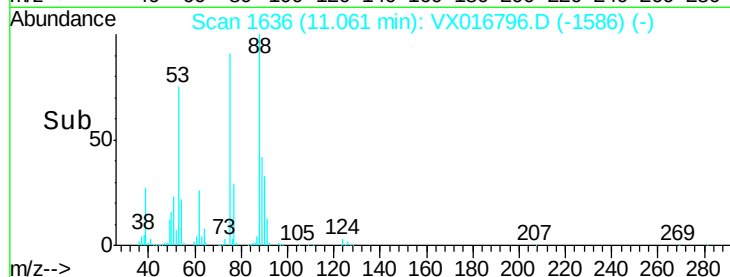
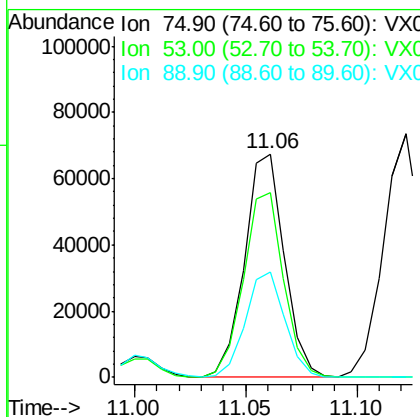
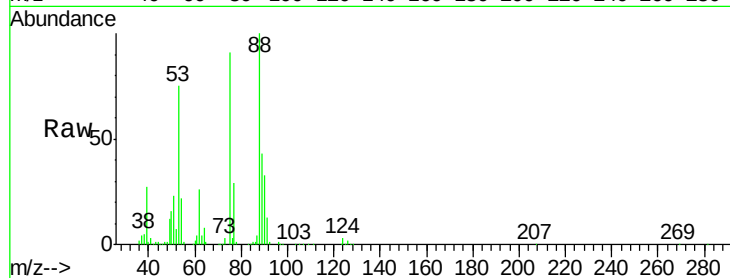
#81
trans-1,4-Dichloro-2-butene
Concen: 47.478 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.9	71.4	107.0
89	47.0	39.1	58.7

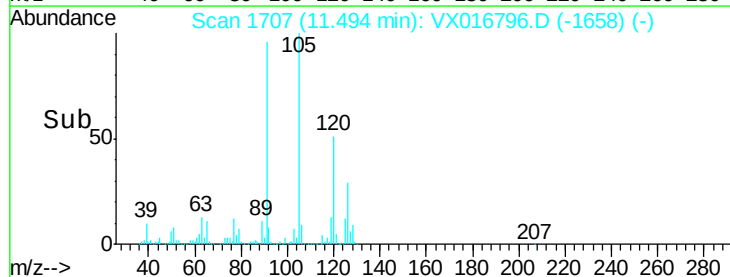
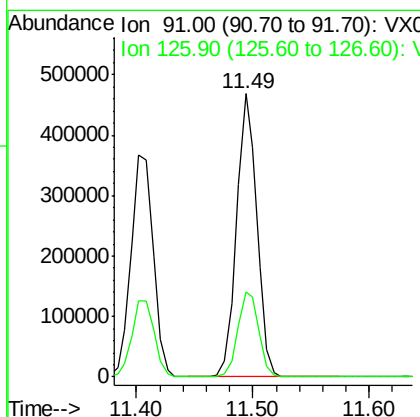
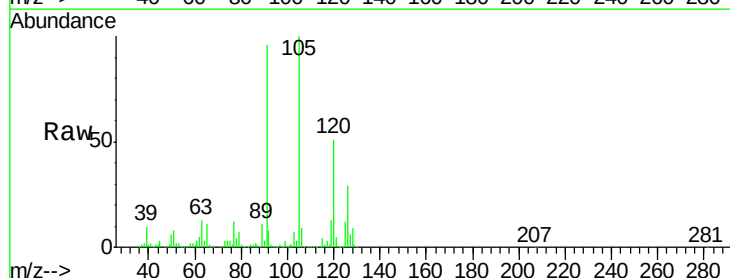
Manual Integrations
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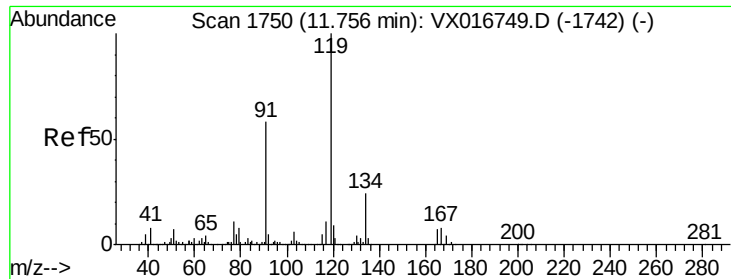
MMDadoda
6/17/2020 9:35:02 AM



#82
4-Chlorotoluene
Concen: 51.065 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.2	45.6





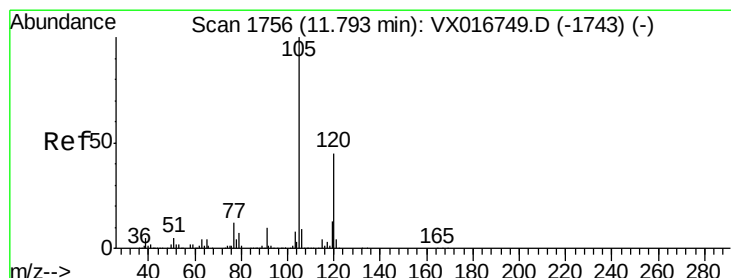
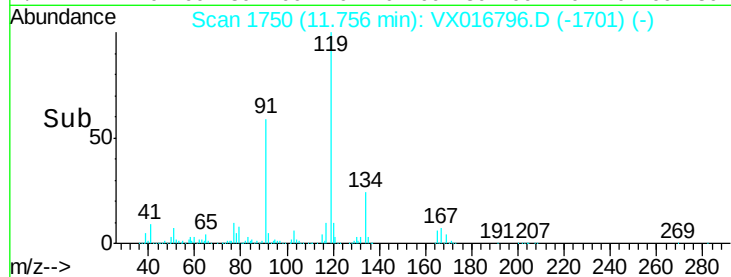
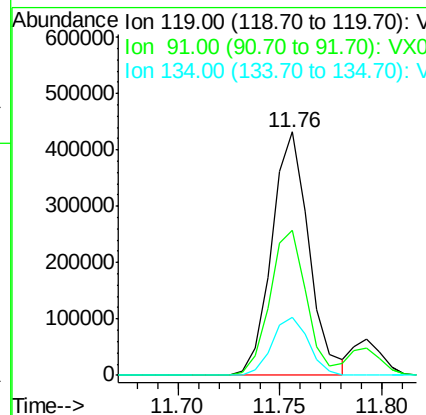
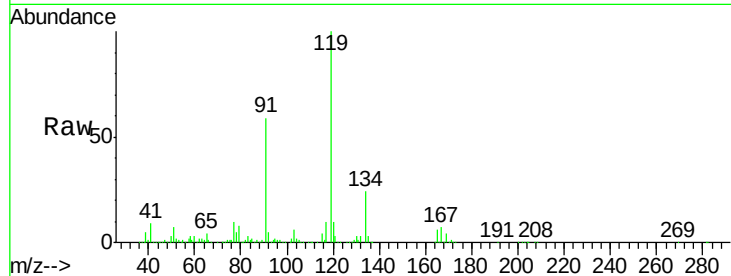
#83
 tert-Butylbenzene
 Concen: 51.613 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	548226		
91	58.4	29.3	88.0	
134	23.6	11.8	35.3	

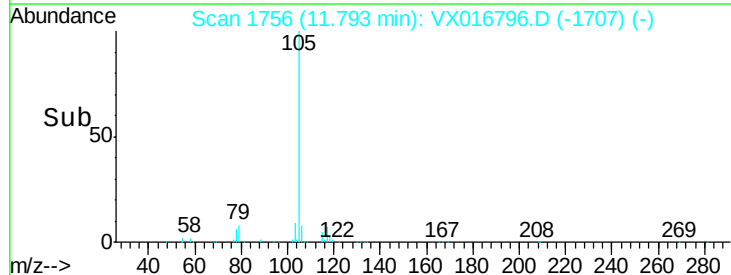
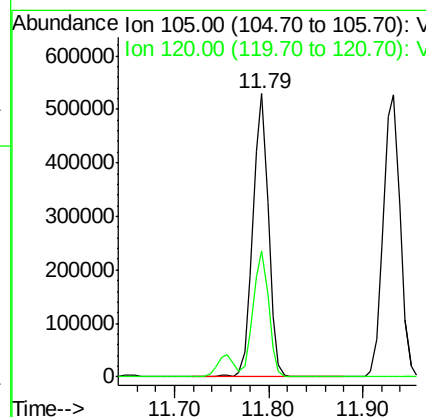
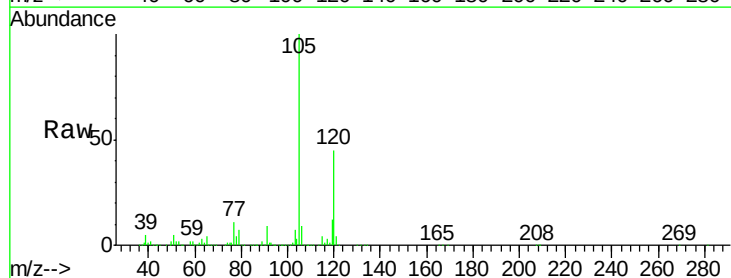
Manual Integrations
 APPROVED

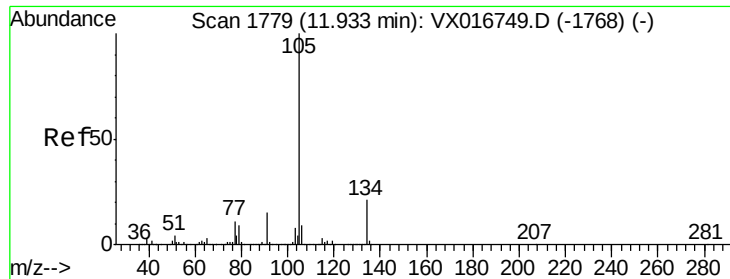
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 6/17/2020 9:35:02 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.089 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	611674		
120	44.8	22.6	67.8	





#85

sec-Butylbenzene

Concen: 52.822 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 656287

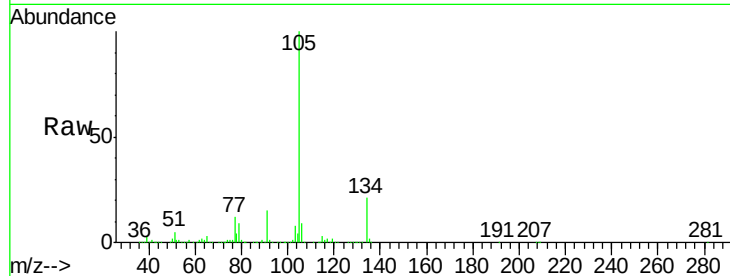
Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8

Manual Integrations
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6/17/2020 9:35:02 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

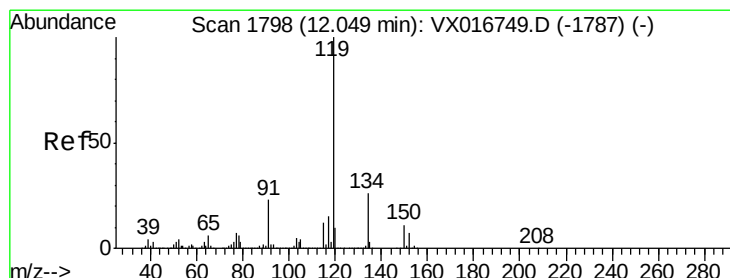
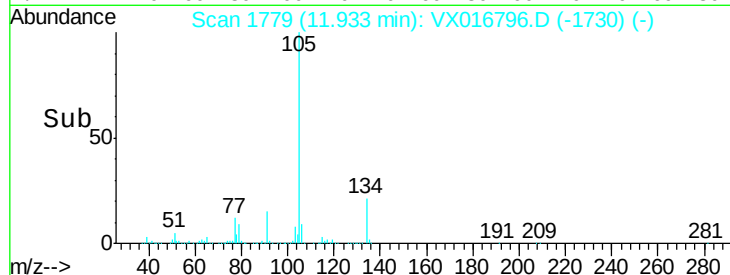
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.839 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

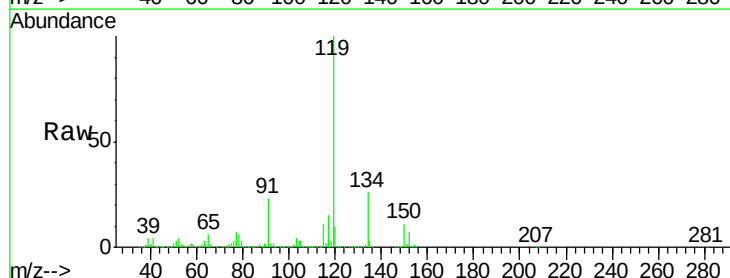
Tgt Ion:119 Resp: 641829

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 22.6 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

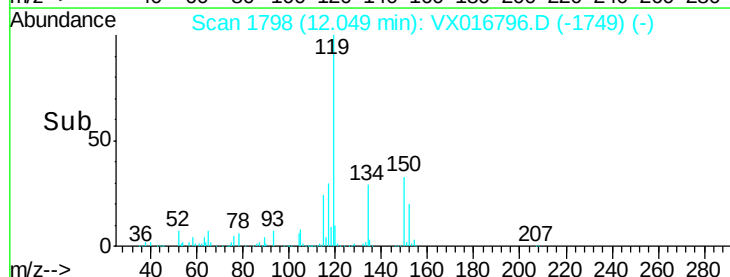
600000

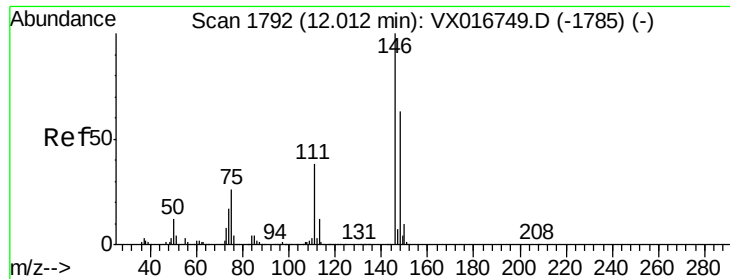
400000

200000

0

Time-->





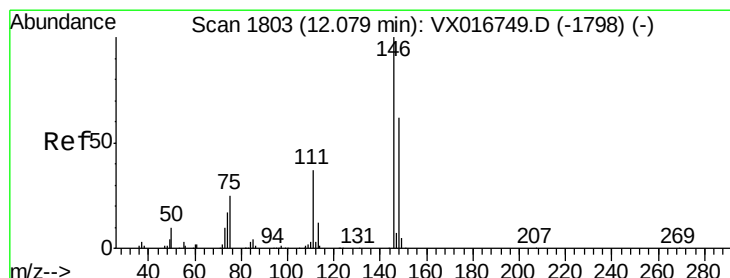
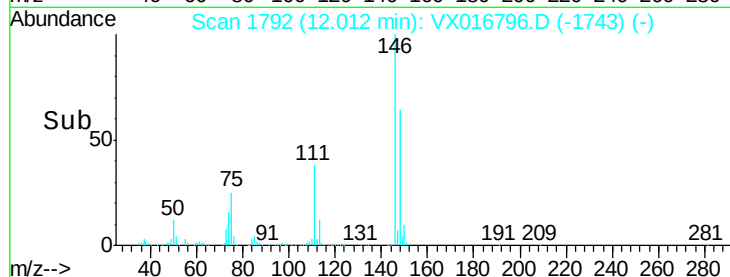
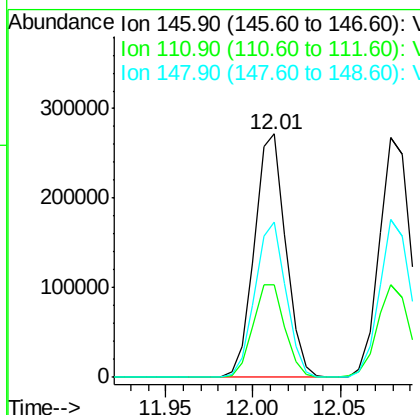
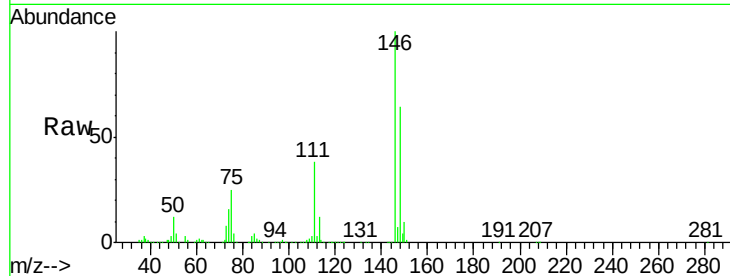
#87
 1,3-Dichlorobenzene
 Concen: 51.180 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.3	31.9	95.7

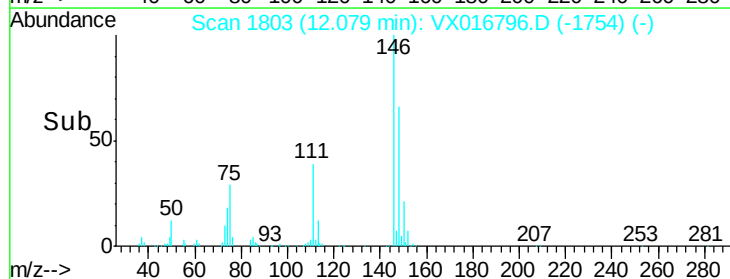
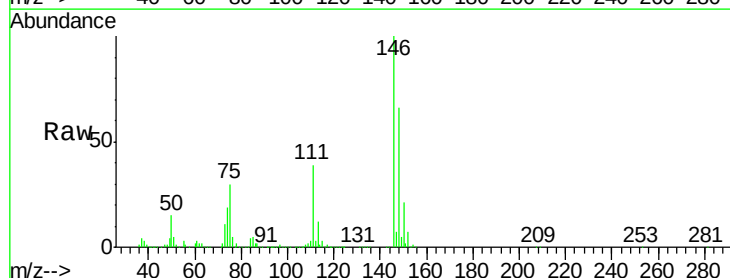
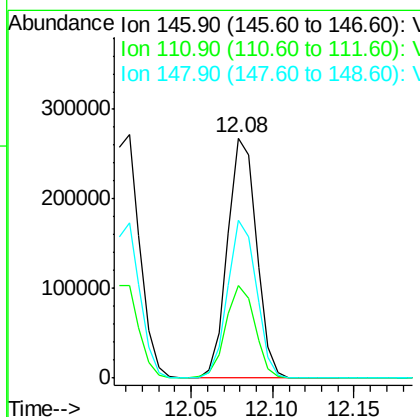
Manual Integrations
 APPROVED

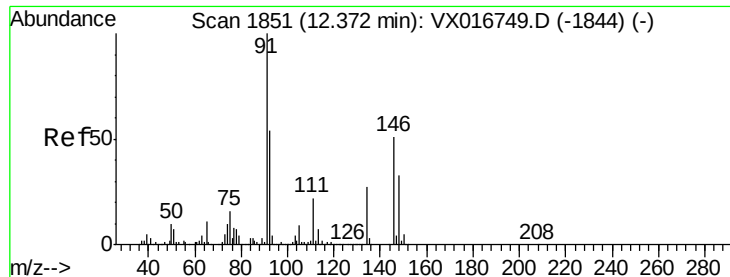
MMDadoda
 6/17/2020 9:35:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.283 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	65.4	32.1	96.5





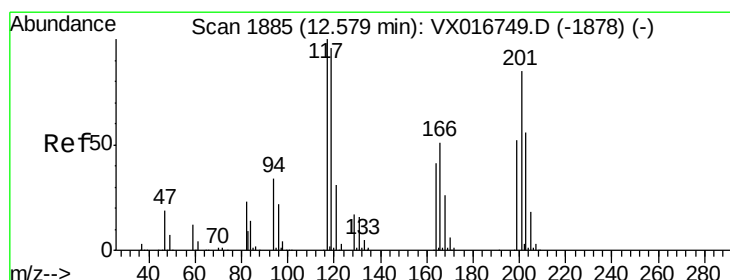
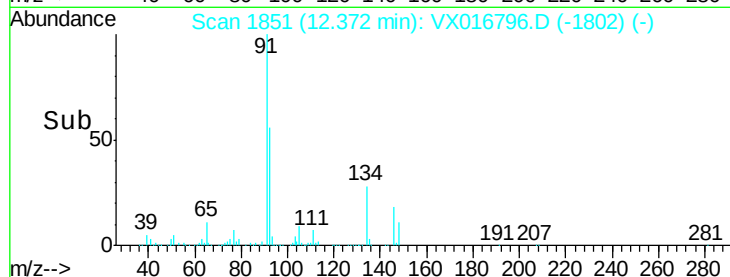
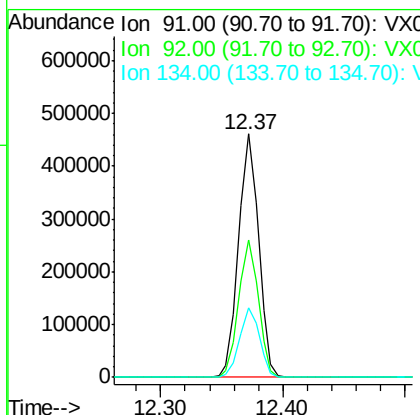
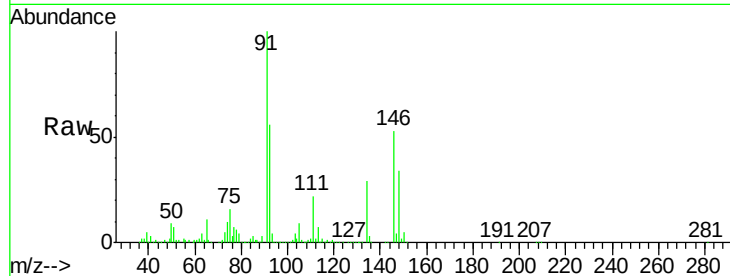
#89
n-Butylbenzene
Concen: 52.818 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.8	27.0	80.8
134	28.3	13.7	41.0

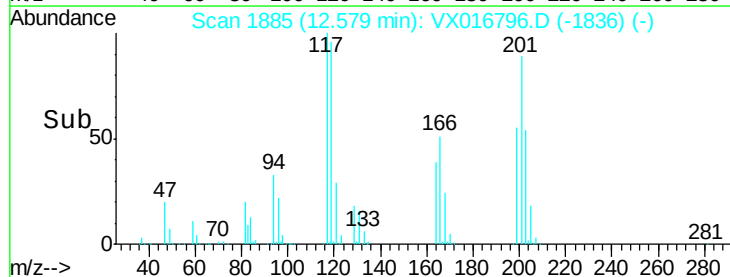
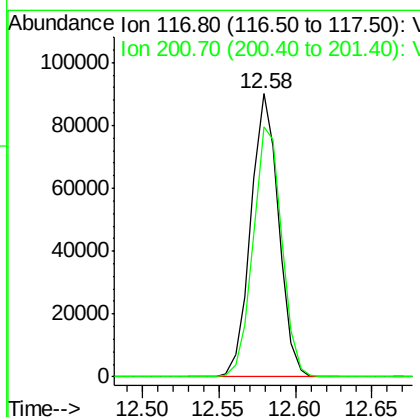
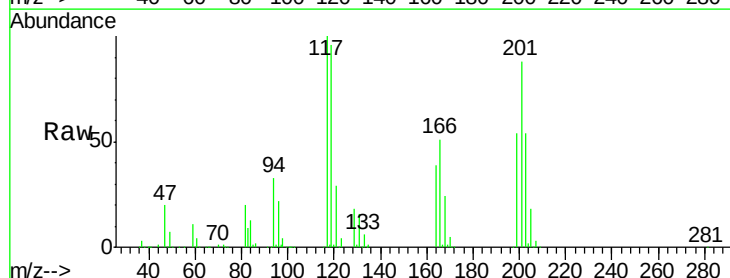
Manual Integrations
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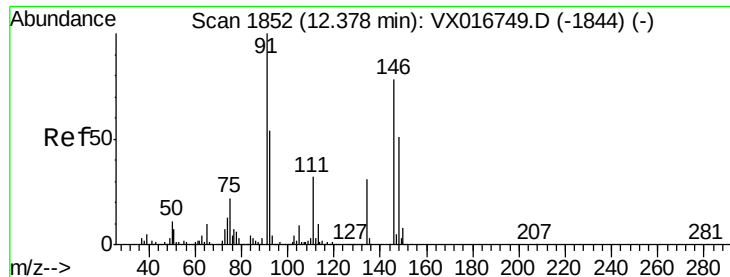
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#90
Hexachloroethane
Concen: 51.726 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016796.D
Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.6	136.9





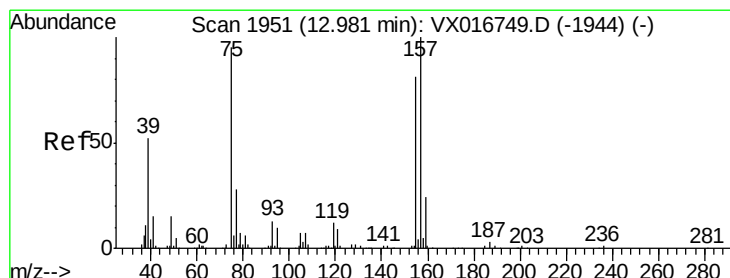
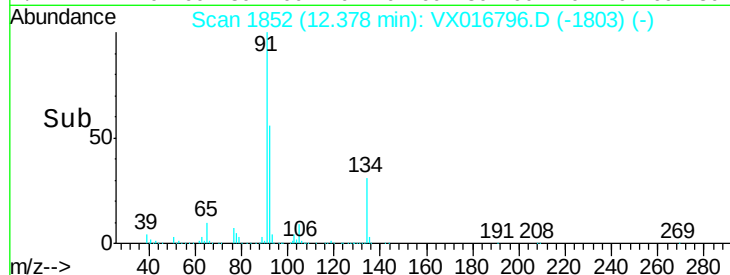
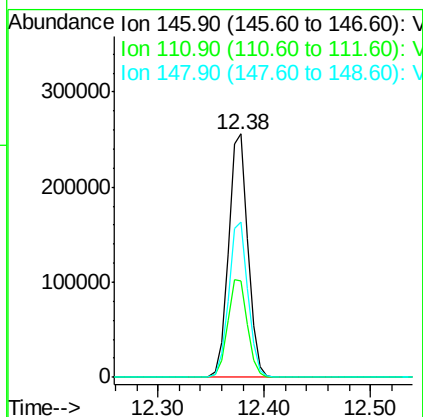
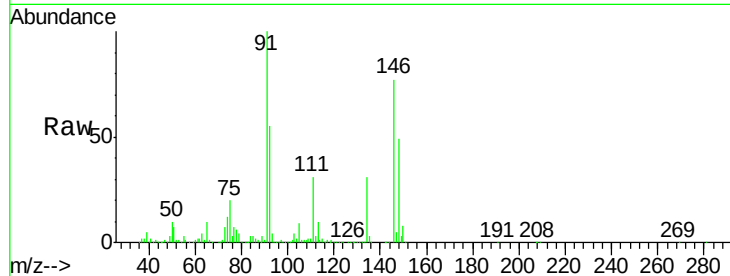
#91
 1,2-Dichlorobenzene
 Concen: 49.325 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	326054		
111	41.1	20.8	62.2	
148	63.5	32.1	96.5	

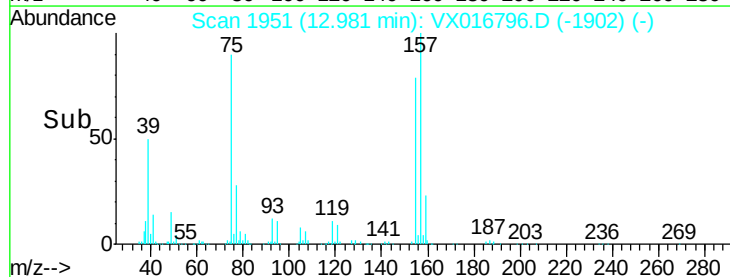
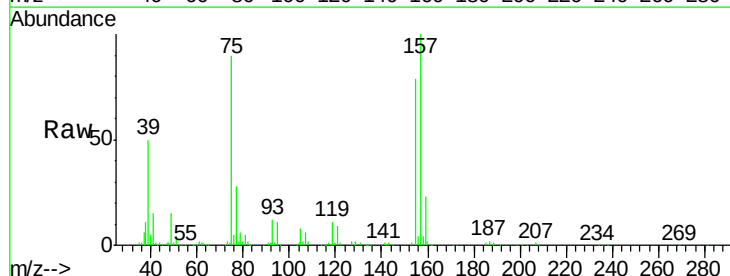
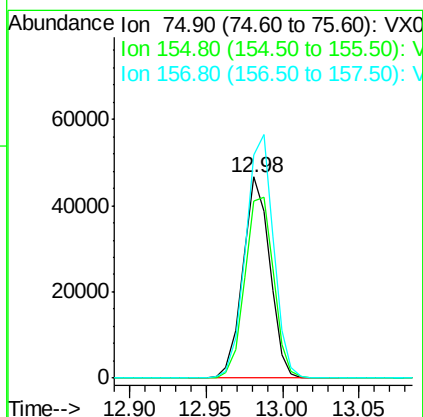
Manual Integrations
 APPROVED

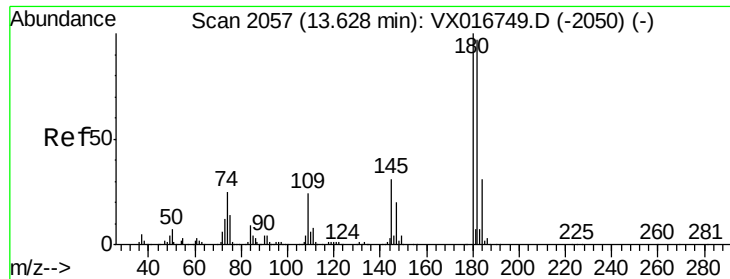
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.204 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57189		
155	95.7	46.9	140.7	
157	124.4	59.6	178.7	





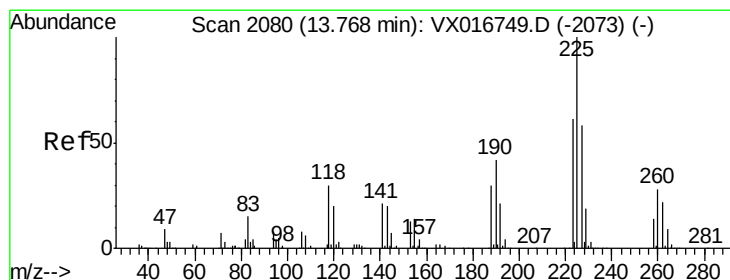
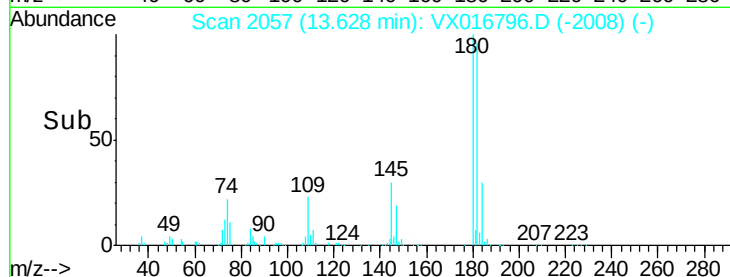
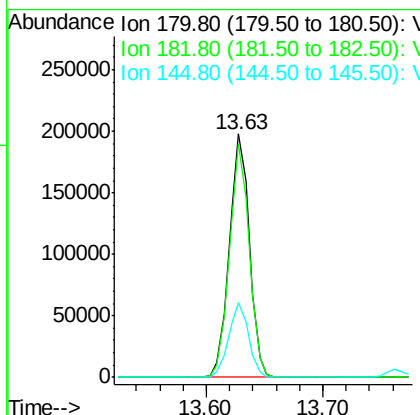
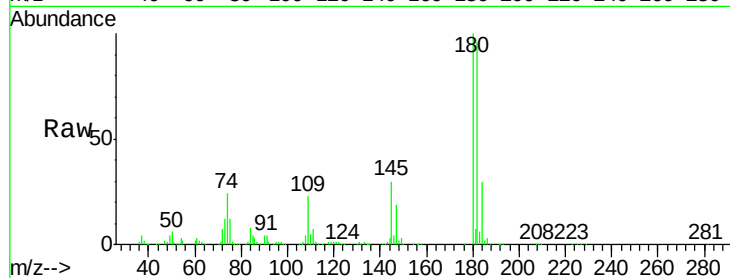
#93
 1,2,4-Trichlorobenzene
 Concen: 50.999 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	236085		
182	94.8	48.6	145.8	
145	30.2	15.4	46.4	

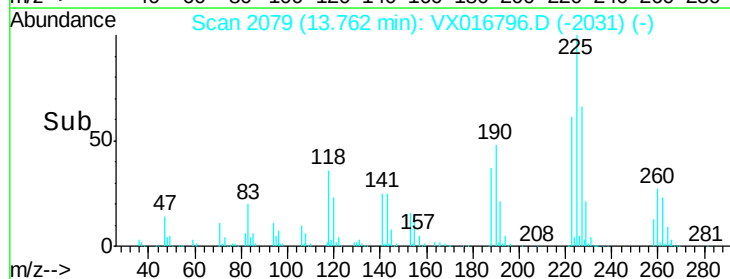
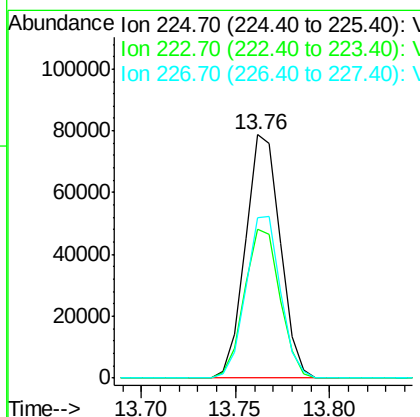
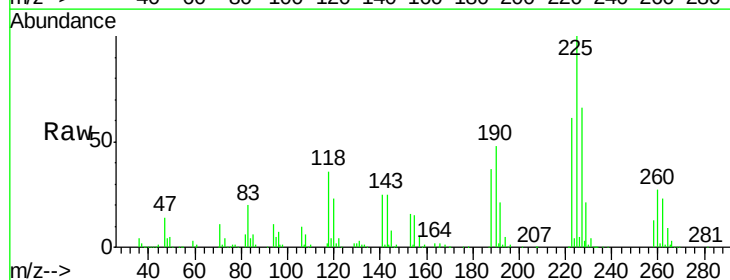
Manual Integrations
 APPROVED

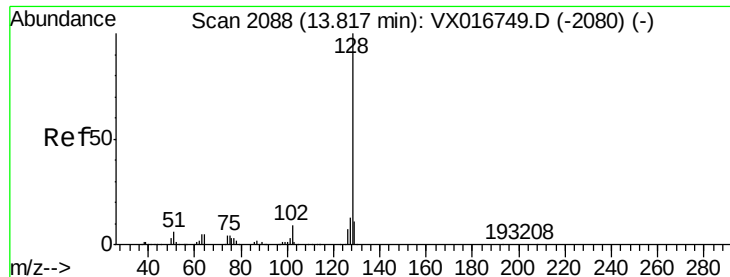
MMDadoda
 6/17/2020 9:35:02 AM



#94
 Hexachlorobutadiene
 Concen: 49.608 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016796.D
 Acq: 16 Jun 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101047		
223	62.3	31.1	93.5	
227	65.9	30.9	92.7	





#95

Naphthalene

Concen: 53.214 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Instrument :

MSVOA_X

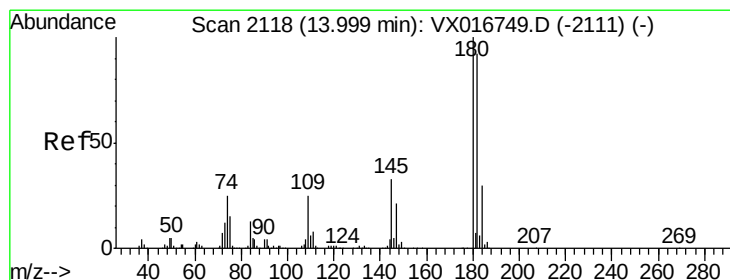
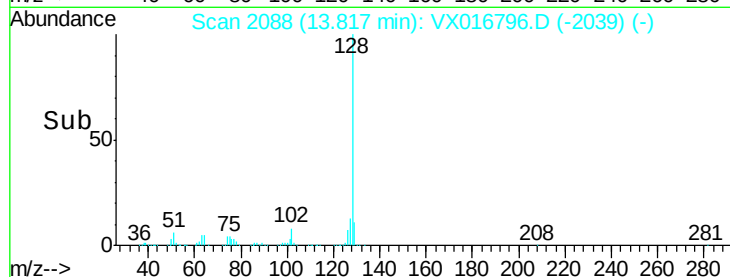
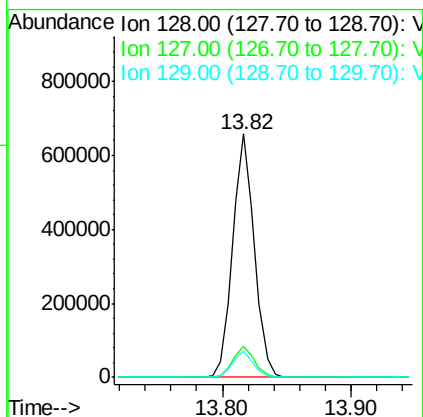
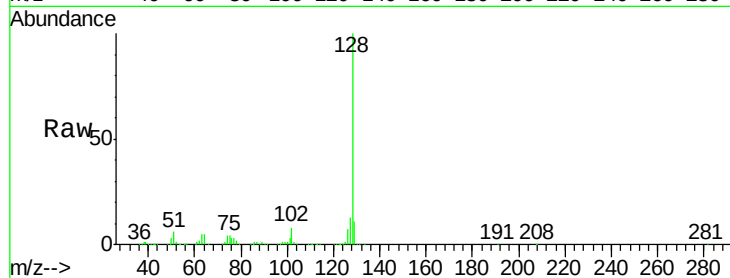
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	771728
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:35:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.736 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX016796.D

Acq: 16 Jun 2020 22:40

Tgt Ion:	180	Resp:	231171
Ion Ratio	Lower	Upper	
180	100		
182	97.9	47.1	141.4
145	31.9	15.9	47.7

