

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012776.D
 Acq On : 03 Oct 2019 11:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:18:11 AM

Quant Time: Oct 04 06:56:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	292348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	121428	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	93311	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	8.71	98	354837	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.13	95	140516	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92978	46.858	ug/l	96
3) Chloromethane	1.32	50	97215	42.666	ug/l	98
4) Vinyl Chloride	1.40	62	107027	47.258	ug/l	98
5) Bromomethane	1.62	94	36209	40.664	ug/l	96
6) Chloroethane	1.70	64	67659	44.316	ug/l	95
7) Trichlorofluoromethane	1.92	101	160664	50.527	ug/l	99
8) Diethyl Ether	2.18	74	61978	47.563	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105296	54.369	ug/l	96
10) Methyl Iodide	2.50	142	92385	45.748	ug/l	94
11) Tert butyl alcohol	3.04	59	146778	228.761	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99646	52.544	ug/l	93
13) Acrolein	2.28	56	74599	210.403	ug/l	98
14) Allyl chloride	2.72	41	185030	49.177	ug/l	97
15) Acrylonitrile	3.13	53	316071	242.811	ug/l	98
16) Acetone	2.44	43	347566	255.474	ug/l	95
17) Carbon Disulfide	2.56	76	247087	46.475	ug/l	99
18) Methyl Acetate	2.76	43	155406	48.512	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	363824	50.685	ug/l	97
20) Methylene Chloride	2.84	84	114633	49.817	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	108672	51.724	ug/l	98
22) Diisopropyl ether	3.84	45	363506	49.999	ug/l	93
23) Vinyl Acetate	3.80	43	1573808	246.847	ug/l	98
24) 1,1-Dichloroethane	3.68	63	200745	50.797	ug/l	98
25) 2-Butanone	4.65	43	466487	239.136	ug/l	95
26) 2,2-Dichloropropane	4.57	77	179268	51.004	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	124633	51.125	ug/l	93
28) Bromochloromethane	5.00	49	70219	48.935	ug/l	96
29) Tetrahydrofuran	5.11	42	279072	234.717	ug/l	96
30) Chloroform	5.20	83	204837	50.663	ug/l	98
31) Cyclohexane	5.56	56	181101	50.655	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	181955	50.778	ug/l	99
36) 1,1-Dichloropropene	5.78	75	153491	54.470	ug/l	97
37) Ethyl Acetate	4.81	43	167126	50.730	ug/l	97
38) Carbon Tetrachloride	5.77	117	155701	54.393	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	189731	55.928	ug/l	95
40) Benzene	6.13	78	450586	54.345	ug/l	98
41) Methacrylonitrile	5.03	41	92693	50.147	ug/l	95
42) 1,2-Dichloroethane	6.18	62	166945	53.024	ug/l	98
43) Isopropyl Acetate	6.43	43	276217	50.136	ug/l	97
44) Trichloroethene	7.20	130	119924	56.579	ug/l	91
45) 1,2-Dichloropropane	7.50	63	117964	55.572	ug/l	99
46) Dibromomethane	7.65	93	77658	53.733	ug/l	99
47) Bromodichloromethane	7.89	83	158146	54.750	ug/l	99
48) Methyl methacrylate	7.76	41	134806	51.030	ug/l	92
49) 1,4-Dioxane	7.73	88	63913	1066.667	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	862148	253.512	ug/l	95
52) Toluene	8.78	92	288433	55.350	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	178306	55.792	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	195369	55.989	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	115689	55.841	ug/l	99
56) Ethyl methacrylate	9.17	69	189801	54.532	ug/l	91
57) 1,3-Dichloropropane	9.37	76	197785	54.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	373537	239.089	ug/l	100
59) 2-Hexanone	9.48	43	678826	260.774	ug/l	93
60) Dibromochloromethane	9.57	129	122913	58.608	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122096	56.627	ug/l	100
64) Tetrachloroethene	9.33	164	108831	58.873	ug/l	94
65) Chlorobenzene	10.14	112	304988	54.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	114814	56.756	ug/l	98
67) Ethyl Benzene	10.25	91	556580	54.963	ug/l	99
68) m/p-Xylenes	10.35	106	422230	111.307	ug/l	99
69) o-Xylene	10.70	106	204278	55.653	ug/l	99
70) Styrene	10.71	104	356859	57.994	ug/l	99
71) Bromoform	10.85	173	82226	58.375	ug/l #	99
73) Isopropylbenzene	11.01	105	553882	53.227	ug/l	99
74) N-amyl acetate	10.89	43	245401	49.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	183497	53.244	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	173262m	51.265	ug/l	
77) Bromobenzene	11.25	156	125200	53.159	ug/l	97
78) n-propylbenzene	11.35	91	635369	54.233	ug/l	100
79) 2-Chlorotoluene	11.42	91	372806	51.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	460348	52.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59750	50.664	ug/l	98
82) 4-Chlorotoluene	11.51	91	436425	52.385	ug/l	99
83) tert-Butylbenzene	11.76	119	449326	53.378	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	475777	54.047	ug/l	100
85) sec-Butylbenzene	11.94	105	538749	55.026	ug/l	100
86) p-Isopropyltoluene	12.06	119	500305	56.631	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	237998	56.152	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	238699	55.733	ug/l	99
89) n-Butylbenzene	12.39	91	438833	56.370	ug/l	99
90) Hexachloroethane	12.59	117	83514	53.025	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	234914	55.361	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43655	50.638	ug/l	95

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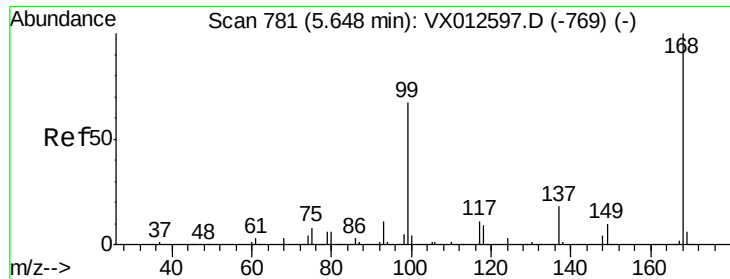
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QLast Update : Mon Sep 23 12:27:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	154541	59.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	69860	62.752	ug/l	99
95) Naphthalene	13.83	128	529463	56.550	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	152386	58.785	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 176383

Ion Ratio Lower Upper

168 100

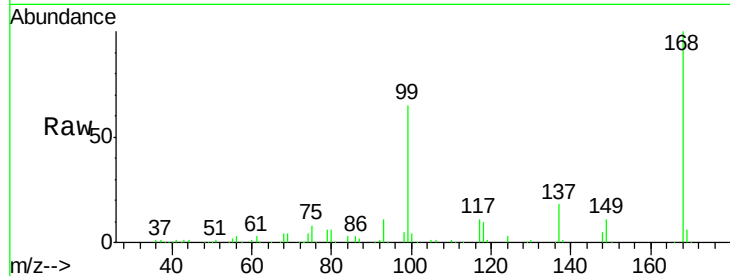
99 64.5 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

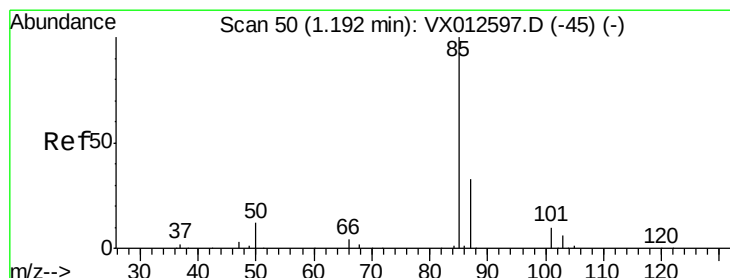
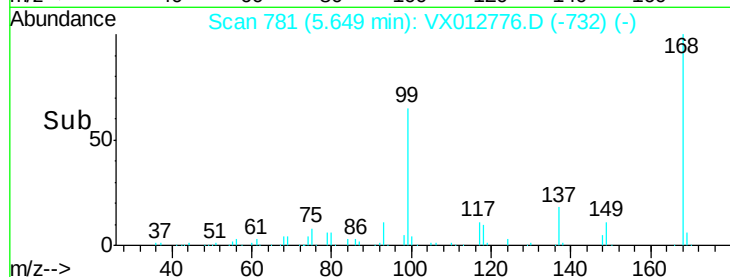
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.858 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012776.D

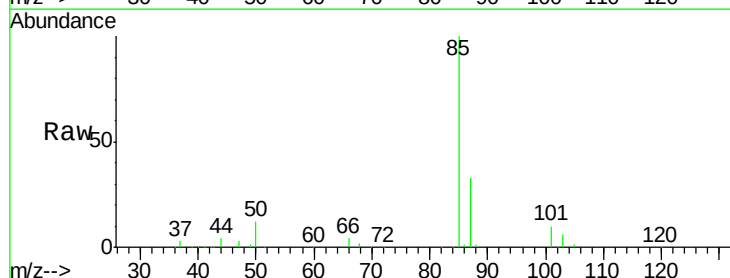
Acq: 03 Oct 2019 11:10

Tgt Ion: 85 Resp: 92978

Ion Ratio Lower Upper

85 100

87 33.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

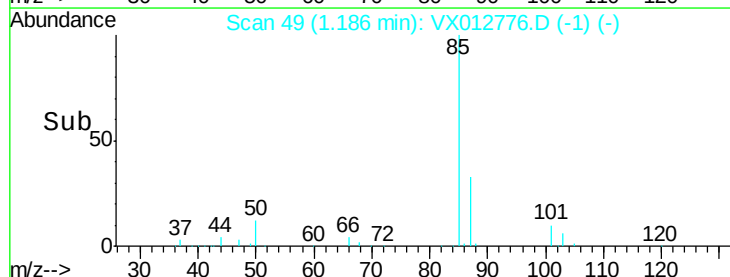
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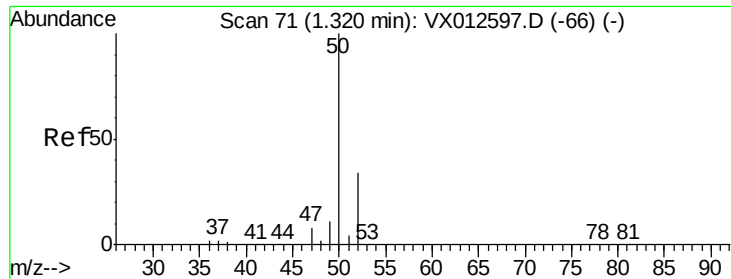
40000

20000

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Time-->





#3

Chloromethane

Concen: 42.666 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 97215

Ion Ratio Lower Upper

50 100

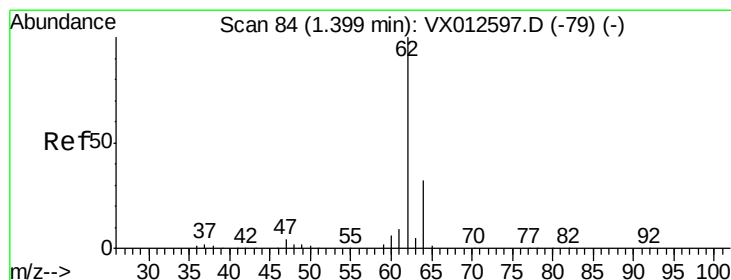
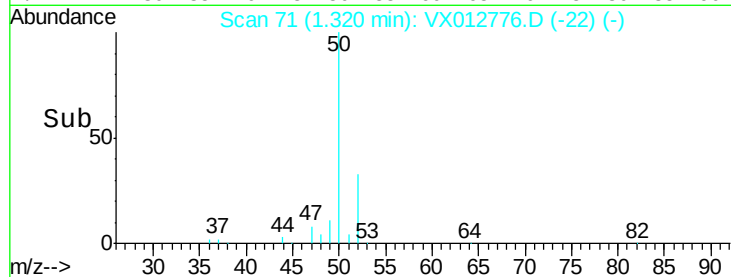
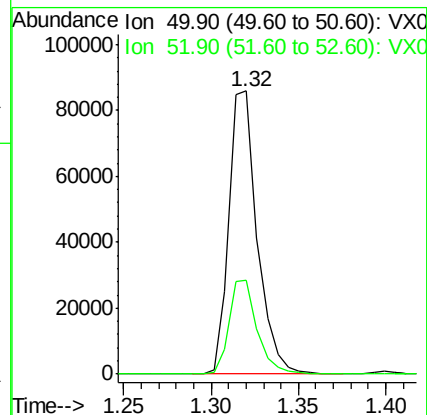
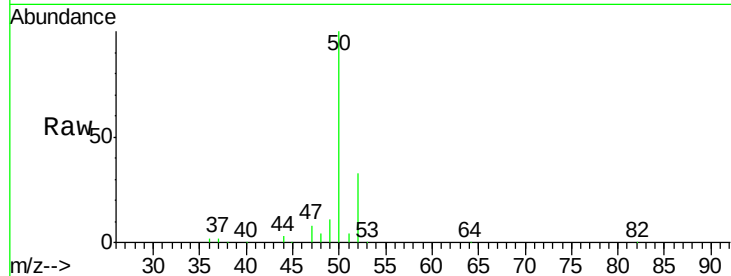
52 33.0 25.7 38.5

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#4

Vinyl Chloride

Concen: 47.258 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012776.D

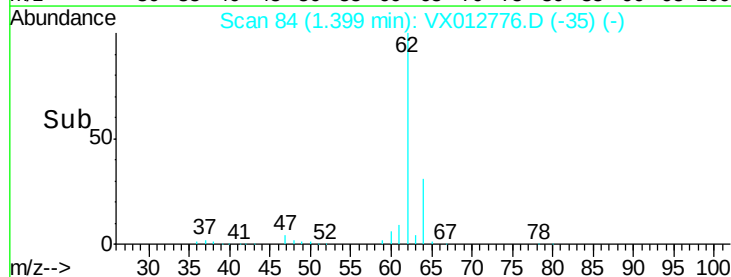
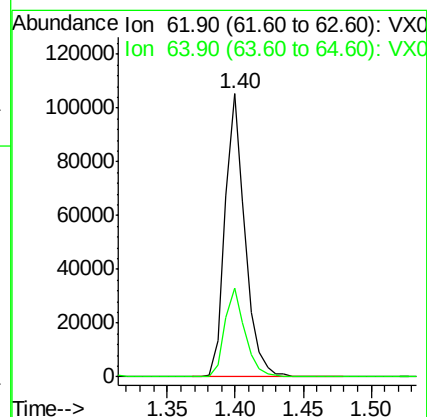
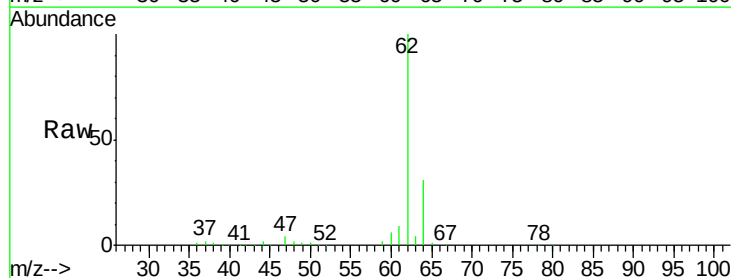
Acq: 03 Oct 2019 11:10

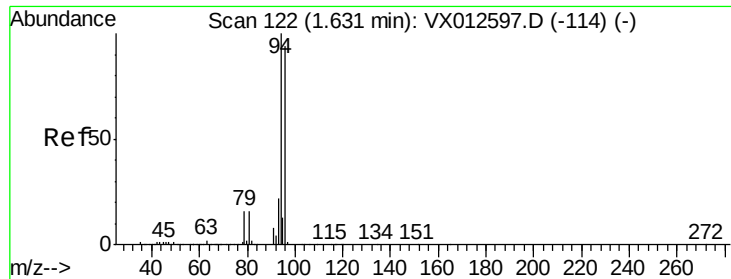
Tgt Ion: 62 Resp: 107027

Ion Ratio Lower Upper

62 100

64 31.2 24.2 36.2





#5

Bromomethane

Concen: 40.664 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 36209

Ion Ratio Lower Upper

94 100

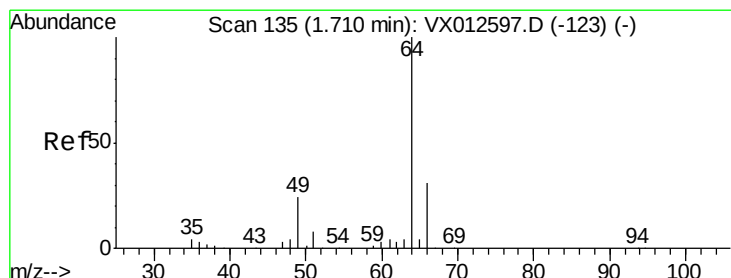
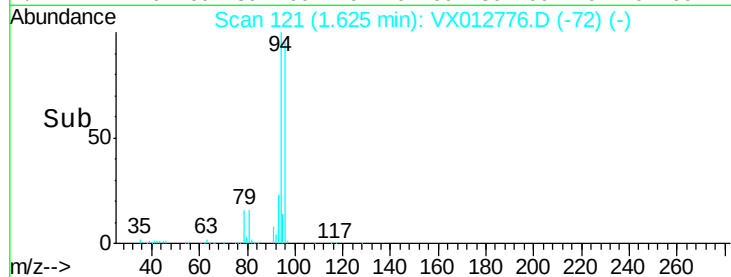
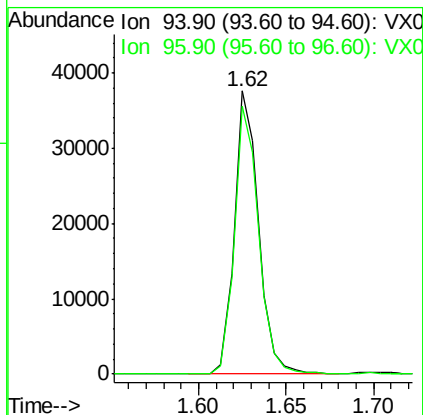
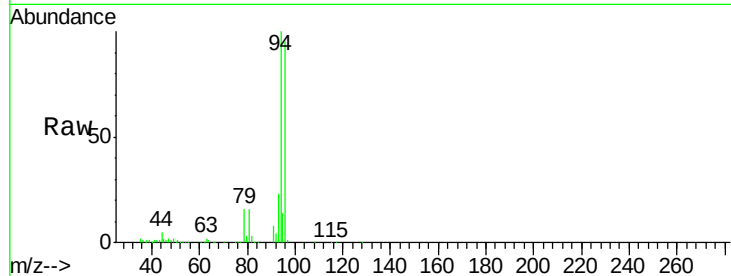
96 94.8 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 44.316 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012776.D

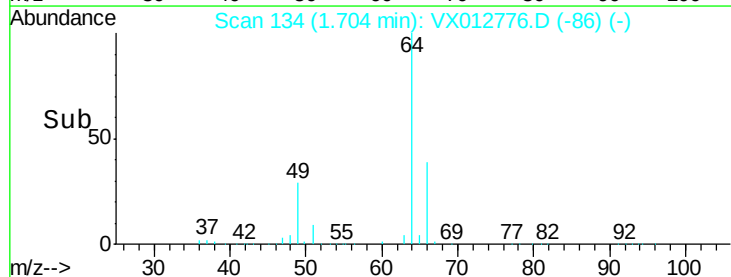
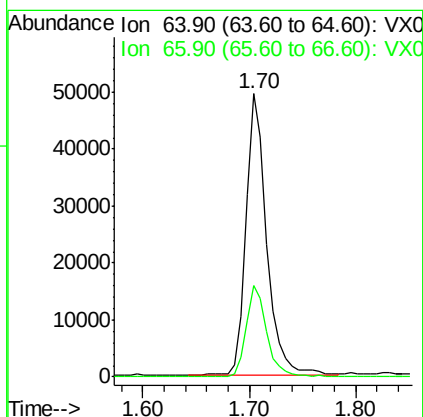
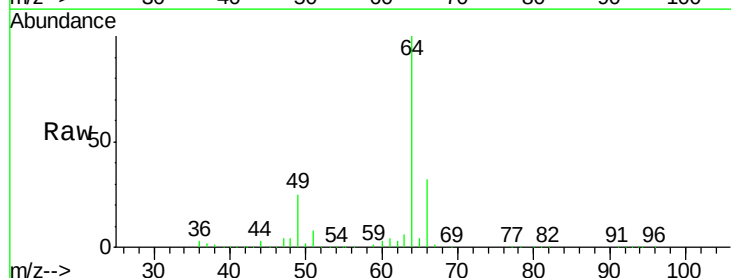
Acq: 03 Oct 2019 11:10

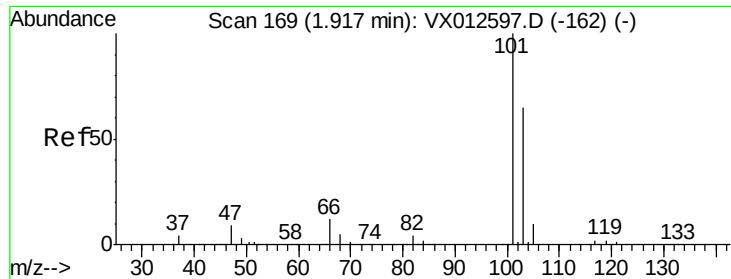
Tgt Ion: 64 Resp: 67659

Ion Ratio Lower Upper

64 100

66 32.5 24.0 36.0





#7

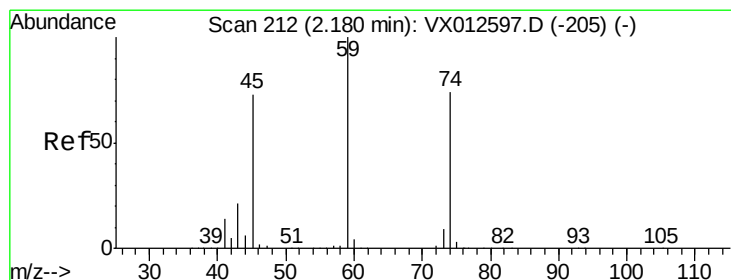
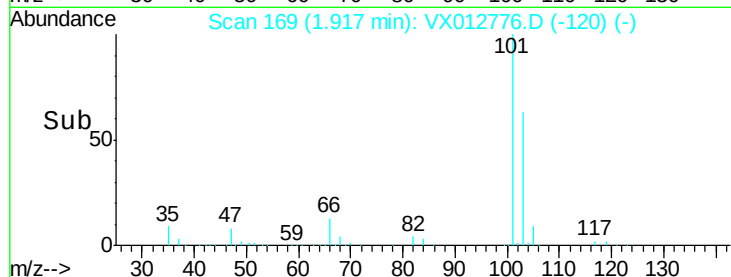
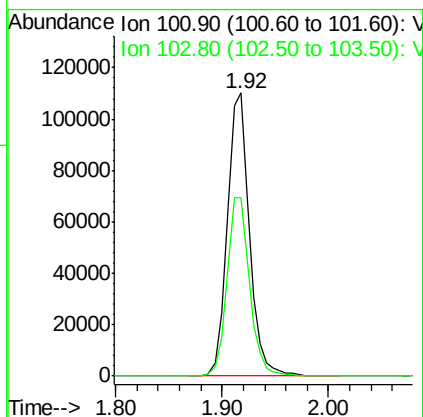
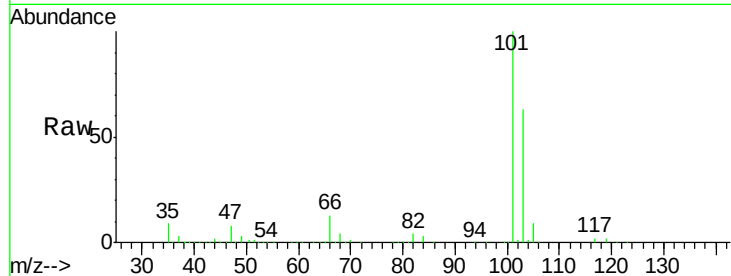
Trichlorofluoromethane
Concen: 50.527 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.0	76.4

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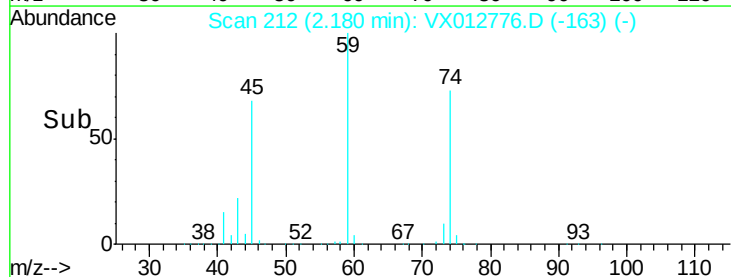
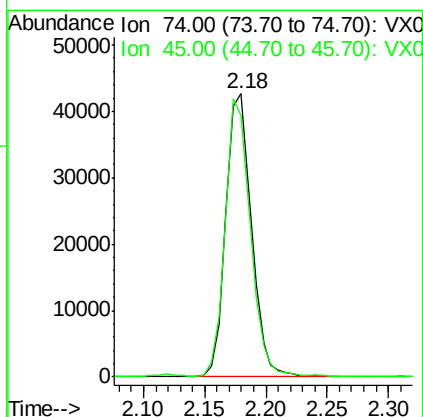
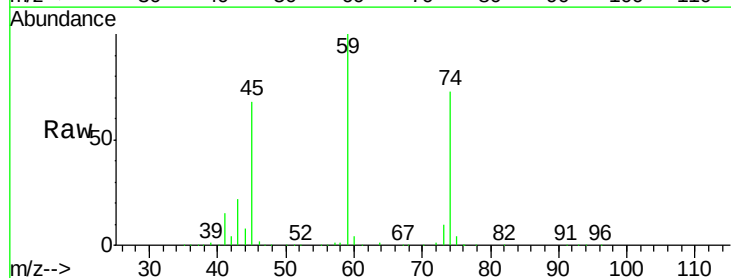
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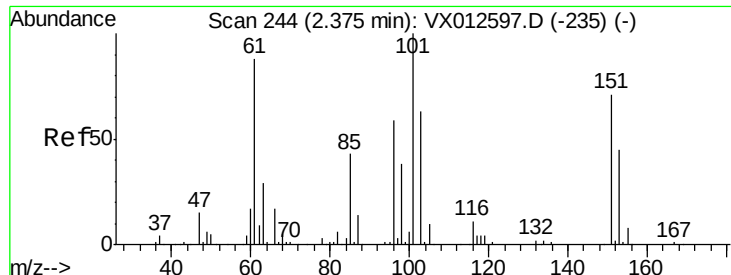


#8

Diethyl Ether
Concen: 47.563 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.369 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

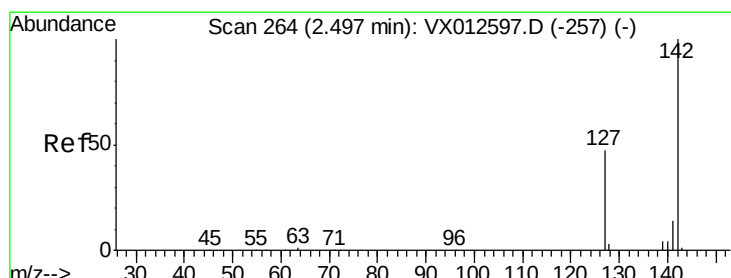
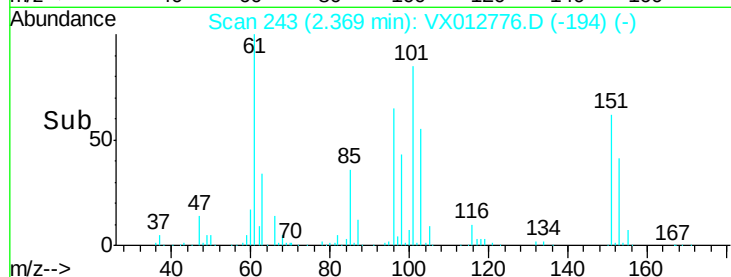
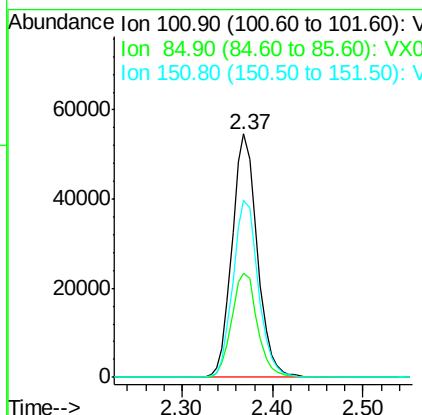
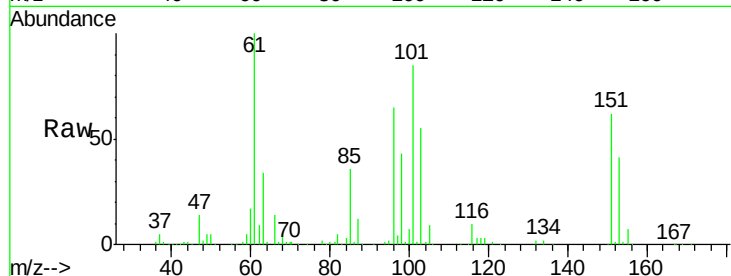
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	105296
Ion Ratio	Lower	Upper	
101	100		
85	43.6	37.3	55.9
151	73.4	61.0	91.4

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#10

Methyl Iodide

Concen: 45.748 ug/l

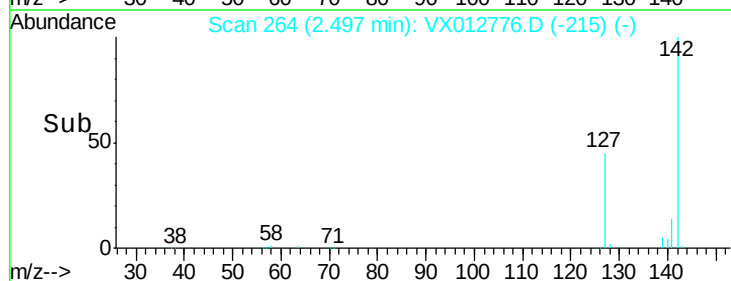
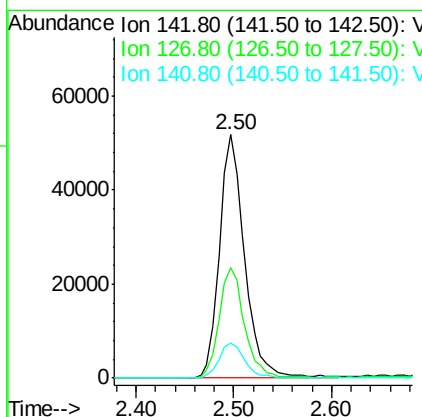
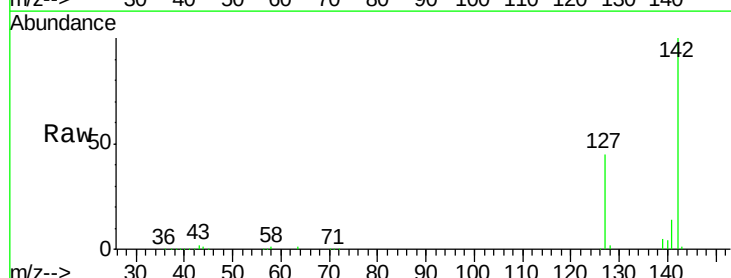
RT: 2.50 min Scan# 264

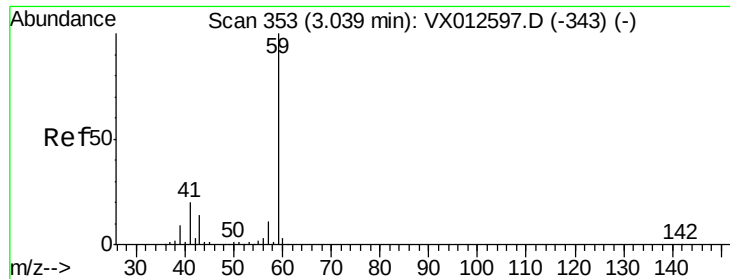
Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion:	142	Resp:	92385
Ion Ratio	Lower	Upper	
142	100		
127	45.8	40.8	61.2
141	14.9	12.1	18.1





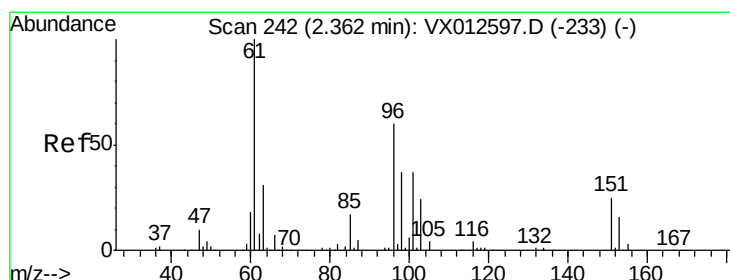
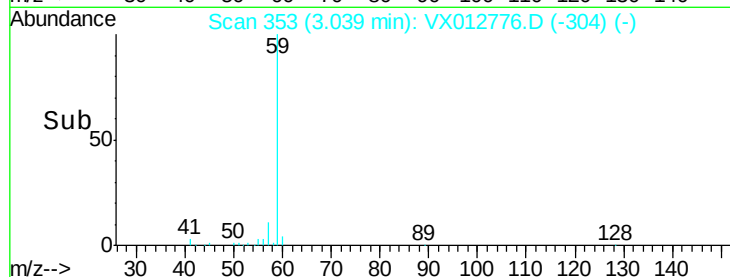
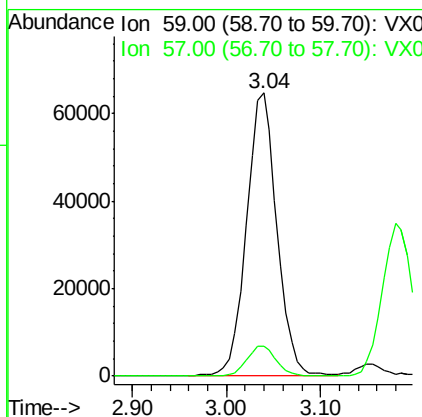
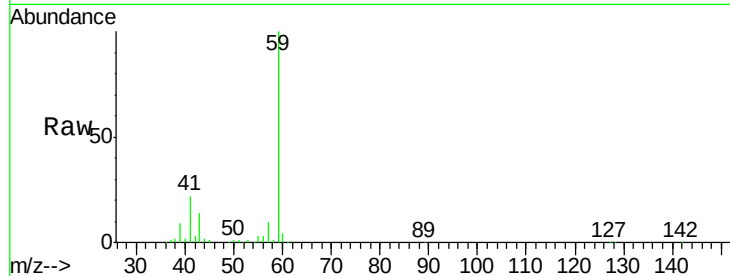
#11
Tert butyl alcohol
Concen: 228.761 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 146778
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

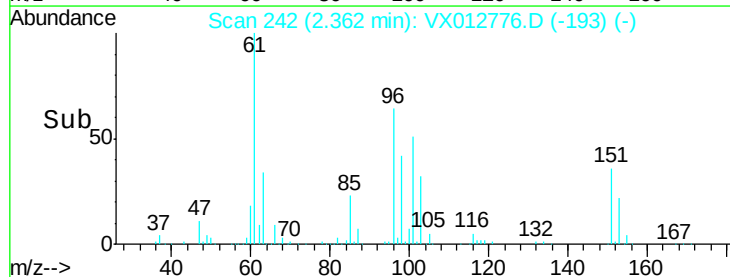
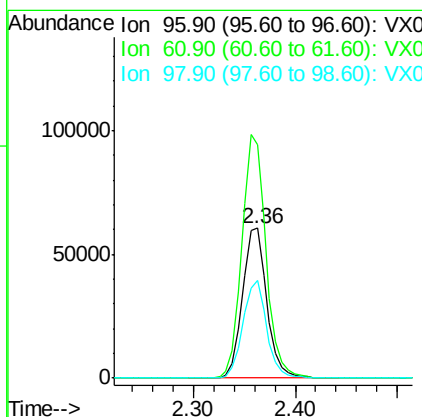
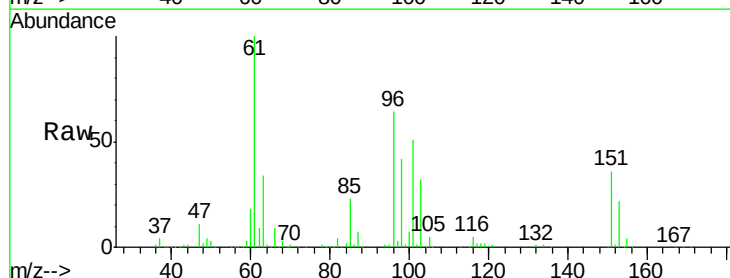
Manual Integrations
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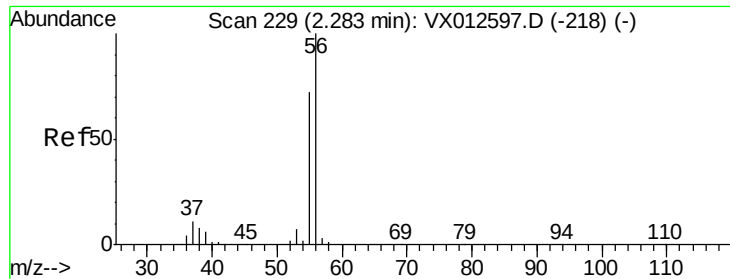
MMDadoda
10/4/2019 9:18:11 AM



#12
1,1-Dichloroethene
Concen: 52.544 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 96 Resp: 99646
Ion Ratio Lower Upper
96 100
61 155.8 133.8 200.6
98 65.2 49.9 74.9





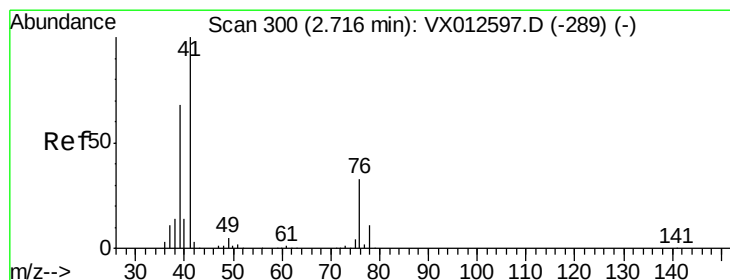
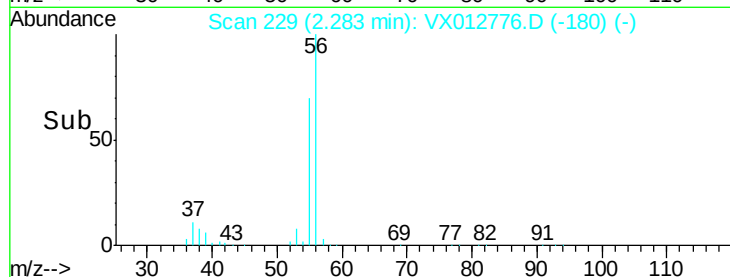
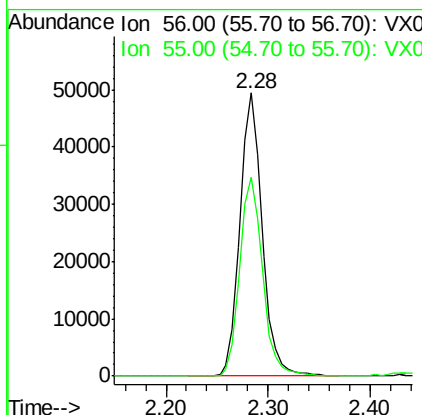
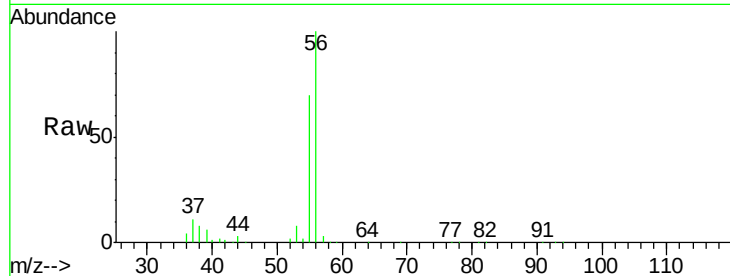
#13
Acrolein
Concen: 210.403 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.8	55.8	83.8

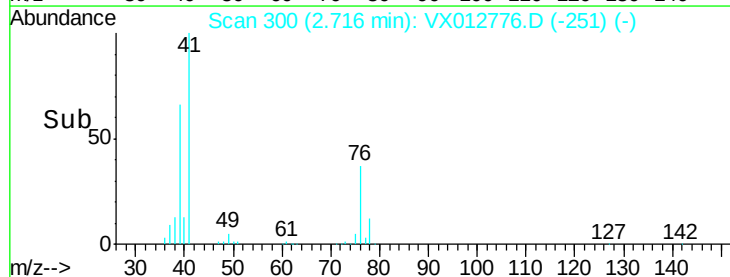
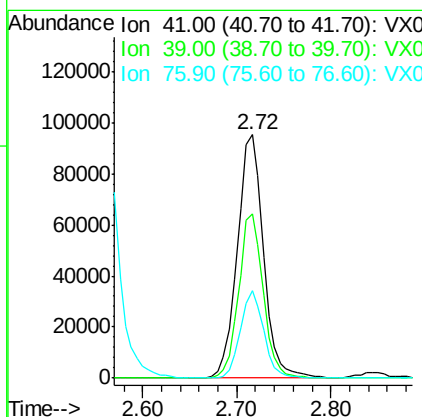
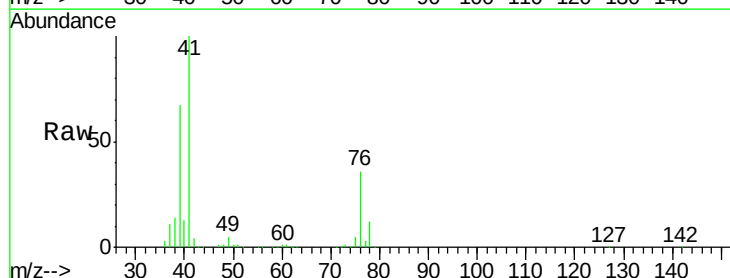
Manual Integrations
APPROVED

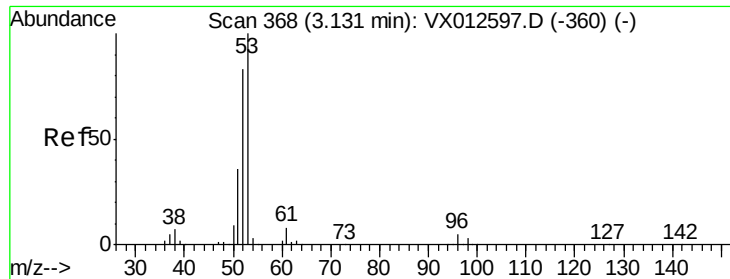
MMDadoda
10/4/2019 9:18:11 AM



#14
Allyl chloride
Concen: 49.177 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.0	51.3	76.9
76	32.2	22.6	33.8





#15

Acrylonitrile

Concen: 242.811 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

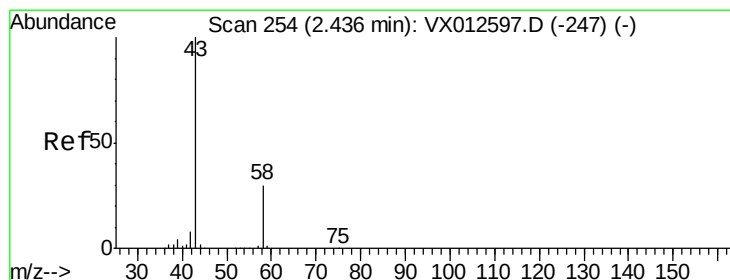
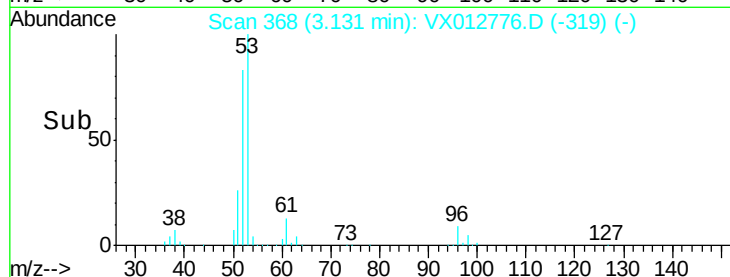
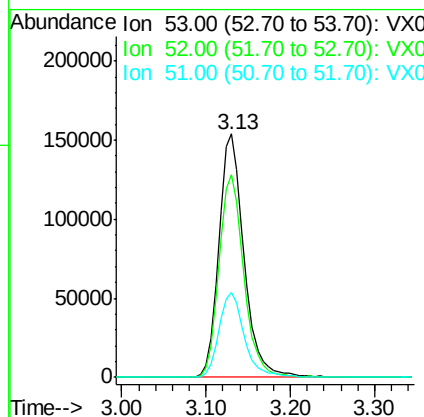
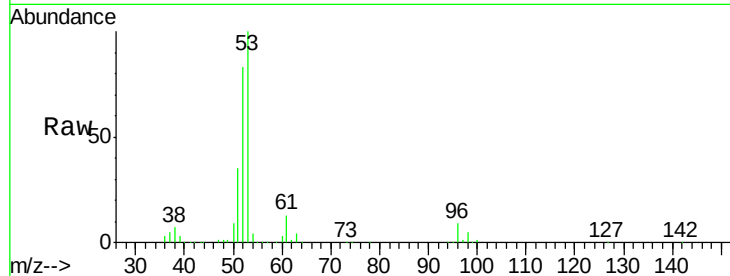
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	316071
Ion Ratio		Lower	Upper
53	100		
52	82.5	67.0	100.4
51	35.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 255.474 ug/l

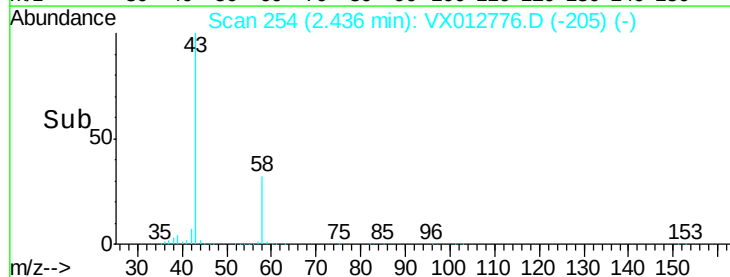
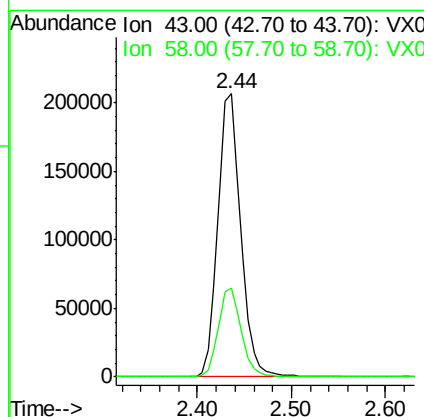
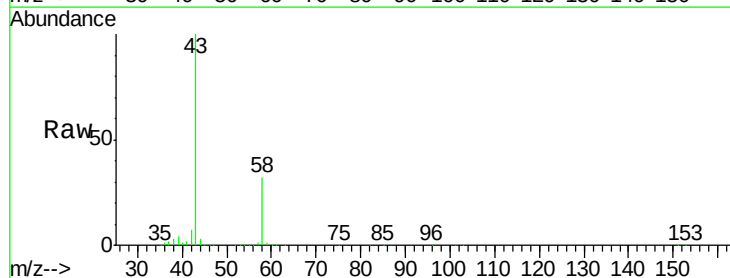
RT: 2.44 min Scan# 254

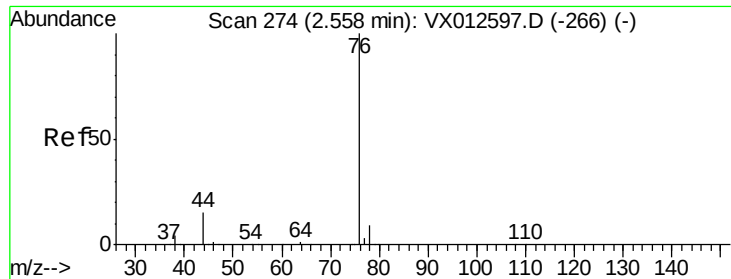
Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion:	43	Resp:	347566
Ion Ratio		Lower	Upper
43	100		
58	31.6	23.3	34.9





#17

Carbon Disulfide

Concen: 46.475 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 247087

Ion Ratio Lower Upper

76 100

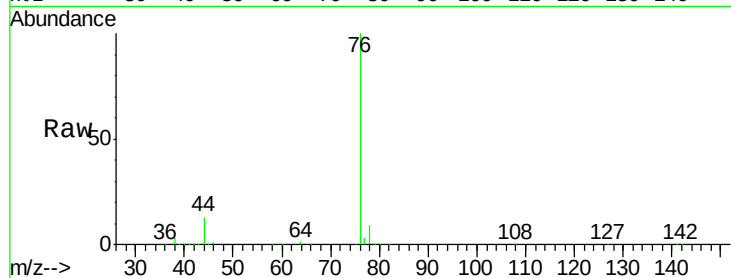
78 9.4 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

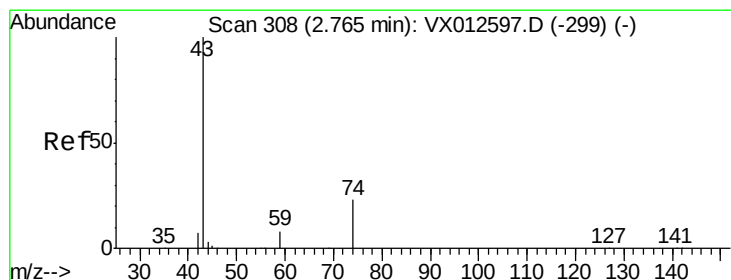
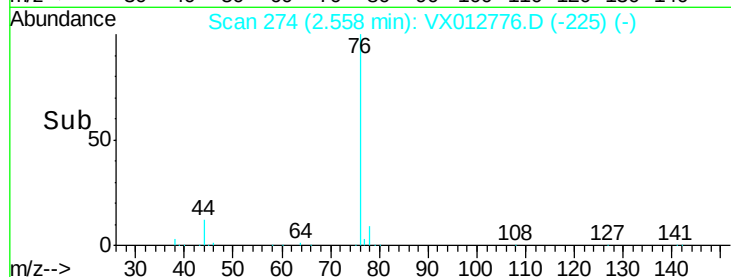
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.512 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012776.D

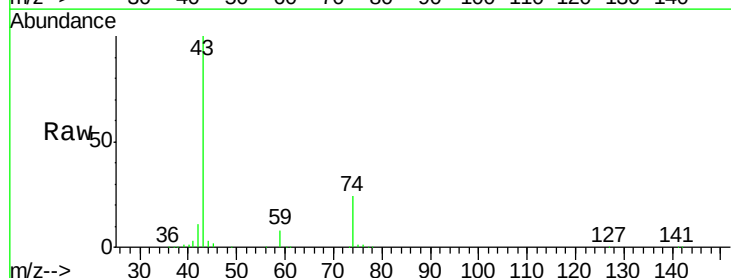
Acq: 03 Oct 2019 11:10

Tgt Ion: 43 Resp: 155406

Ion Ratio Lower Upper

43 100

74 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

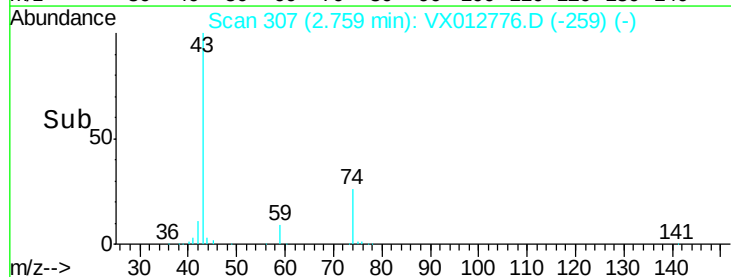
60000

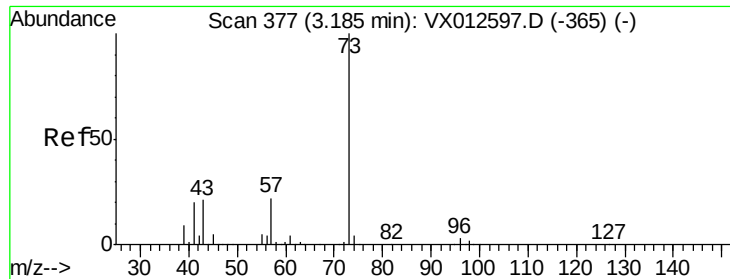
40000

20000

0

Time-->





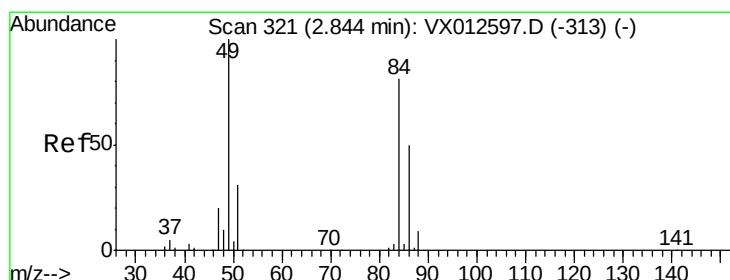
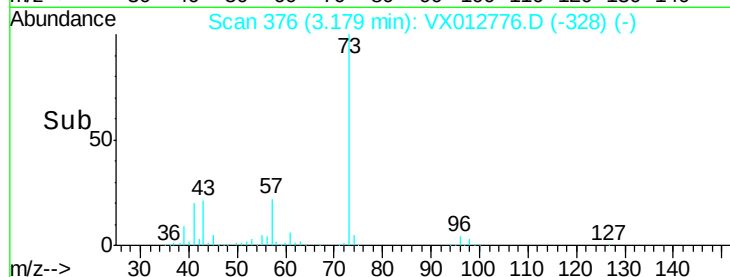
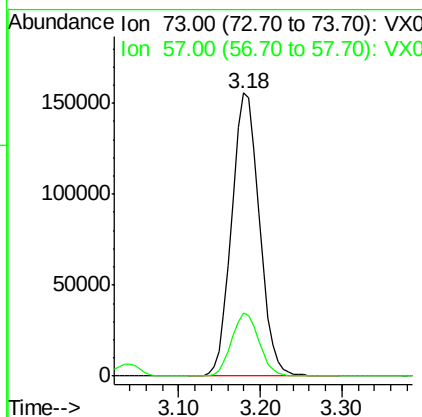
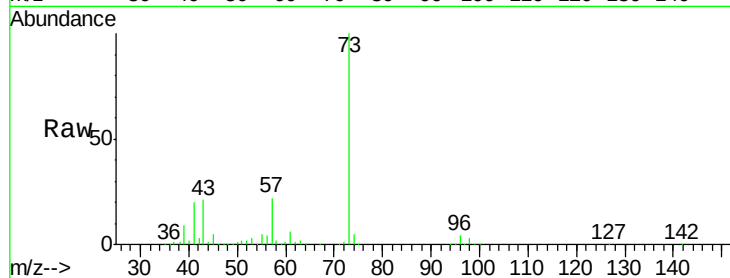
#19
Methyl tert-butyl Ether
Concen: 50.685 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.8	25.2

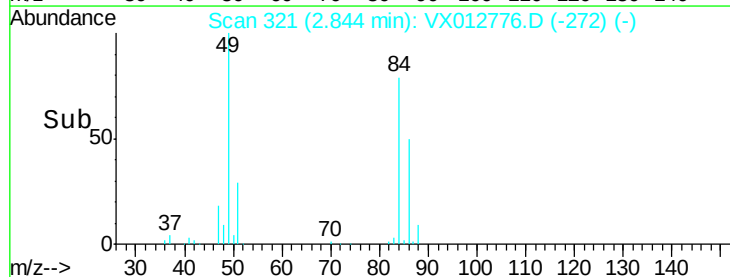
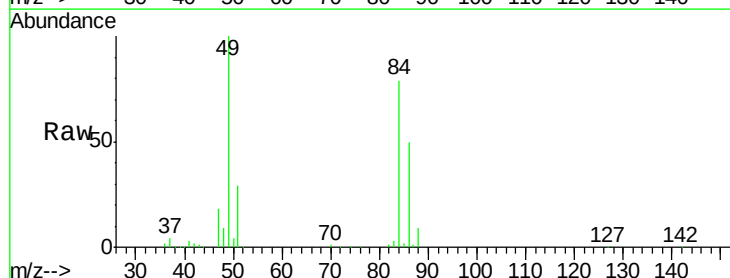
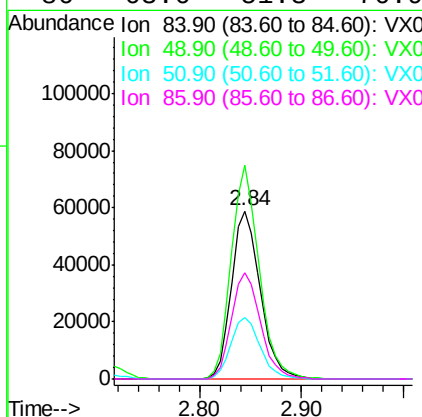
Manual Integrations
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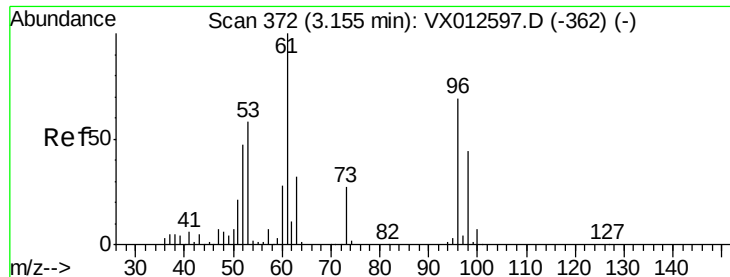
MMDadoda
10/4/2019 9:18:11 AM



#20
Methylene Chloride
Concen: 49.817 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	106.8	160.2
51	36.5	32.3	48.5
86	63.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 51.724 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

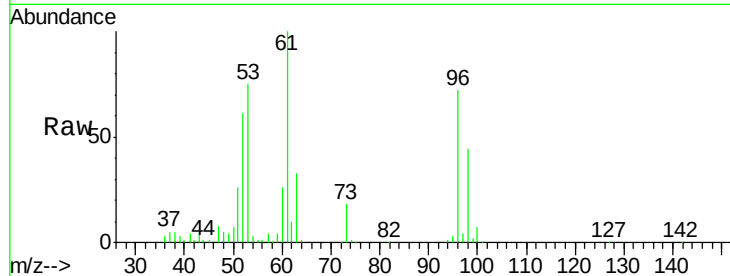
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	108672
Ion	Ratio	Lower	Upper
96	100		
61	138.3	112.0	168.0
98	61.4	47.8	71.8

Manual Integrations
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MMDadoda
10/4/2019 9:18:11 AM

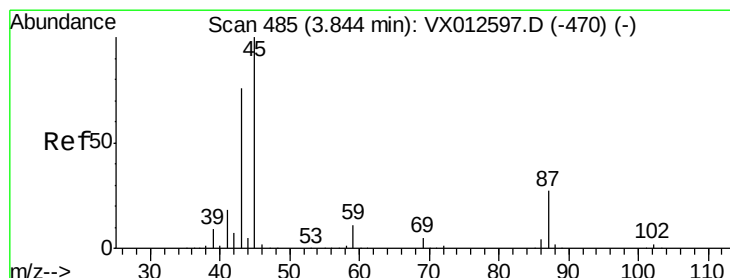
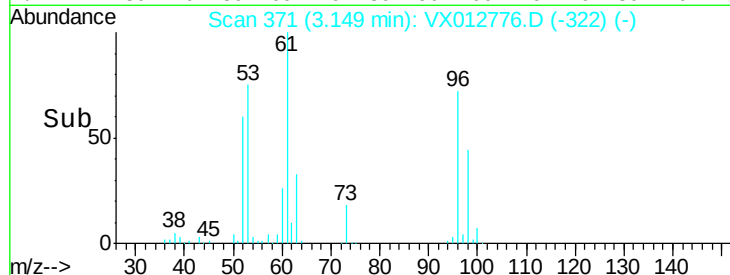
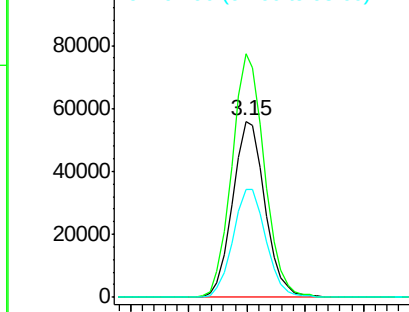


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.999 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion:	45	Resp:	363506
Ion	Ratio	Lower	Upper
45	100		
43	65.5	57.8	86.8
87	28.6	21.3	31.9
59	11.5	8.5	12.7

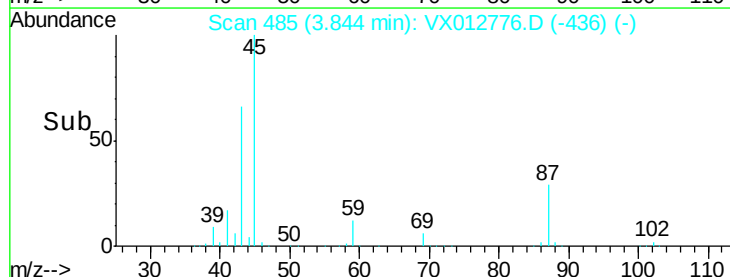
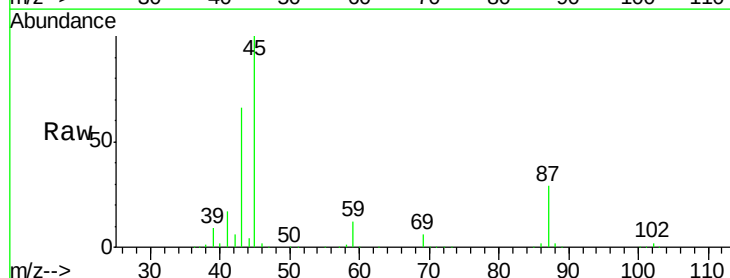
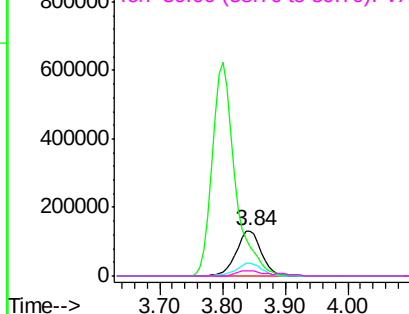
Abundance

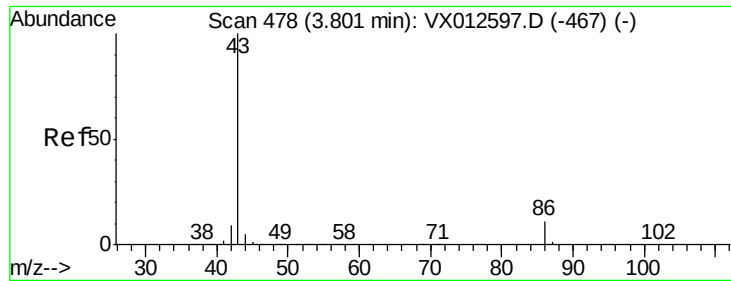
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.847 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1573808

Ion Ratio Lower Upper

43 100

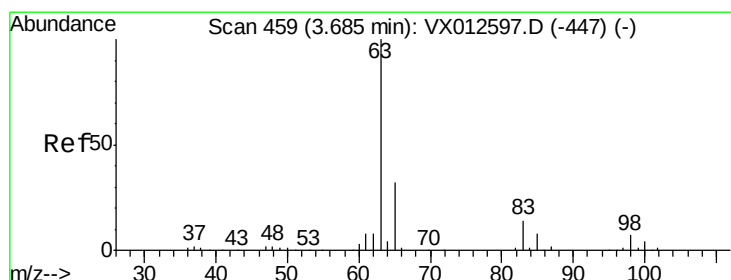
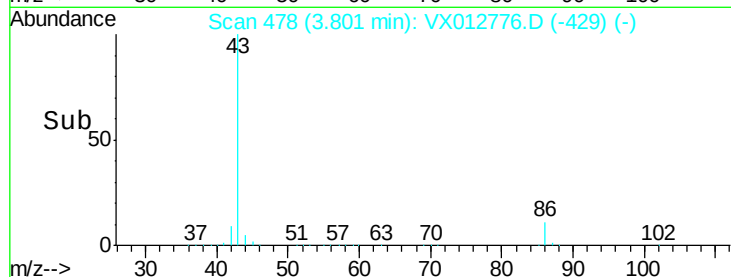
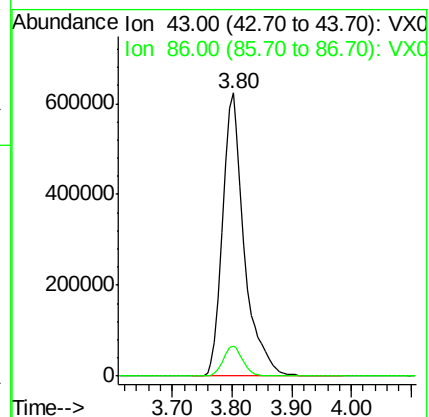
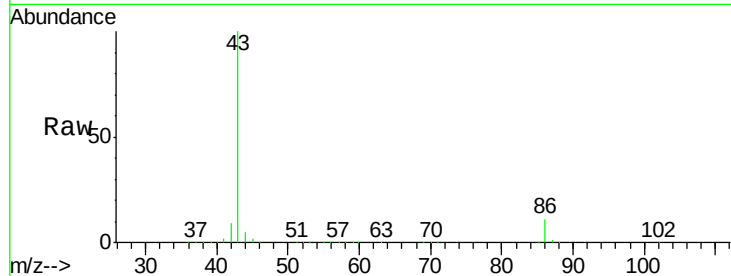
86 10.6 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.797 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

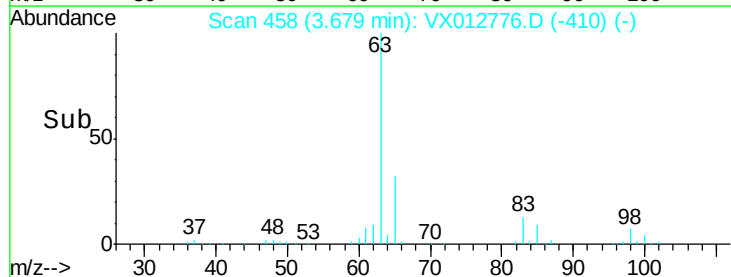
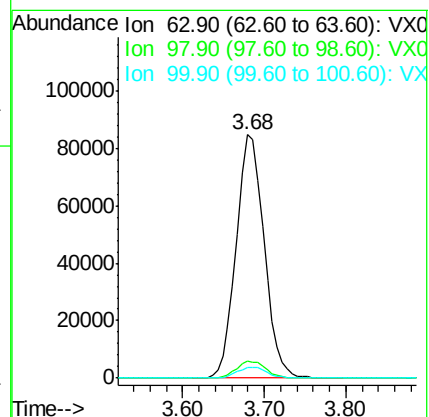
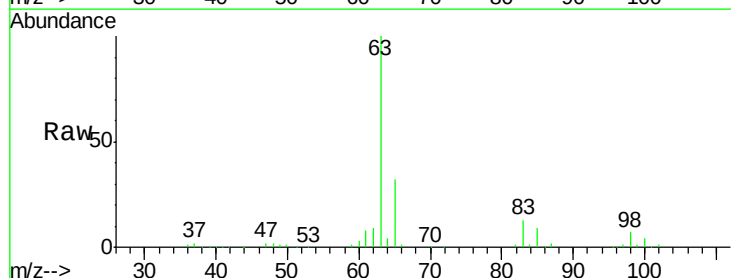
Tgt Ion: 63 Resp: 200745

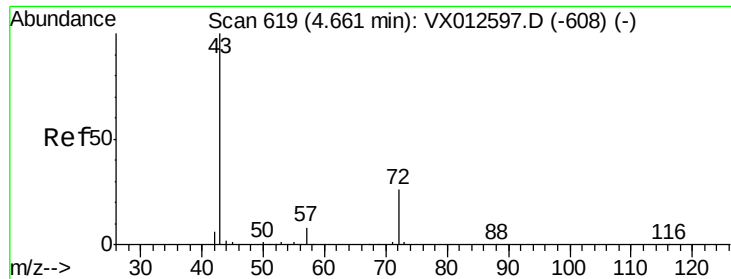
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 239.136 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 466487

Ion Ratio Lower Upper

43 100

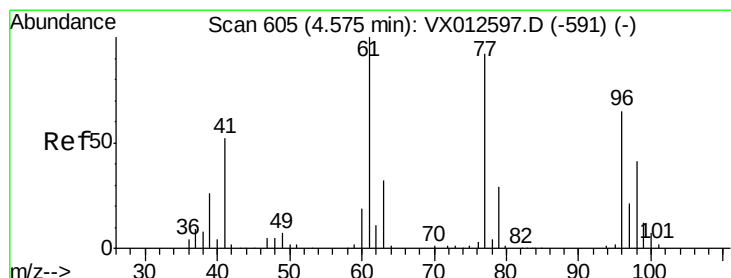
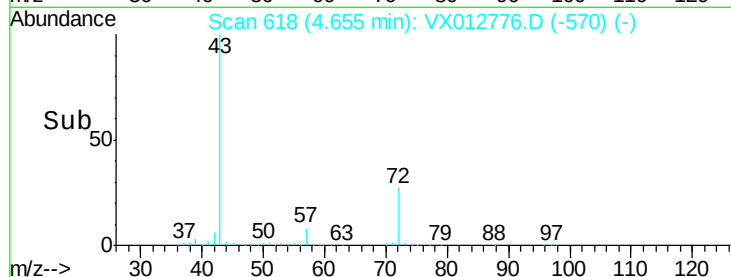
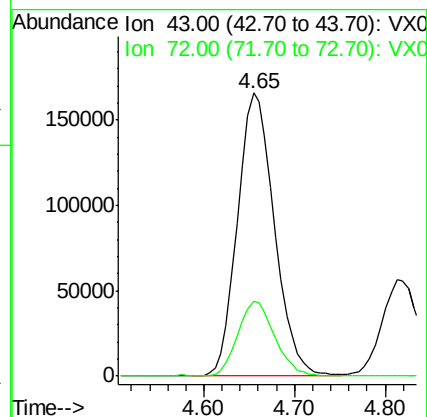
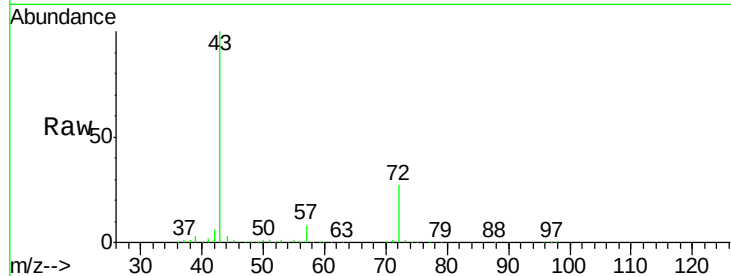
72 26.5 19.2 28.8

Manual Integrations

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MMDadoda

10/4/2019 9:18:11 AM



#26

2,2-Dichloropropane

Concen: 51.004 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012776.D

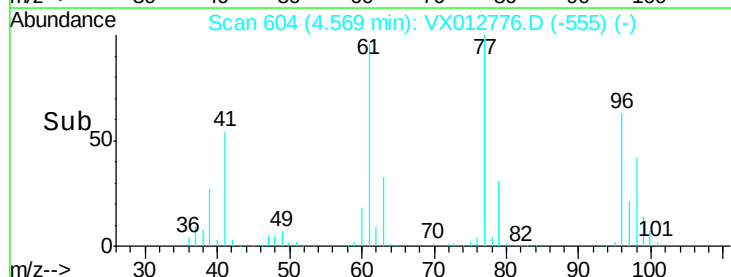
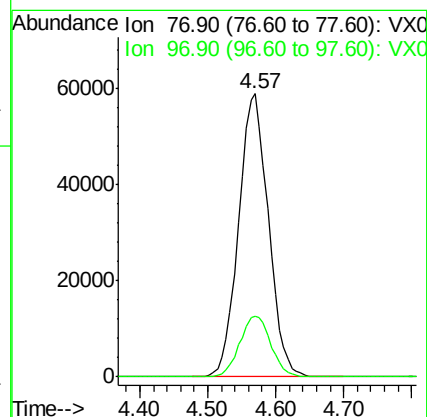
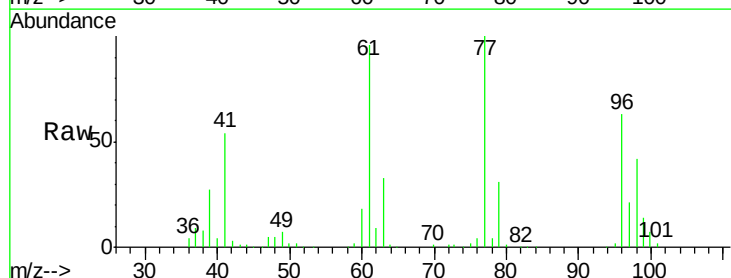
Acq: 03 Oct 2019 11:10

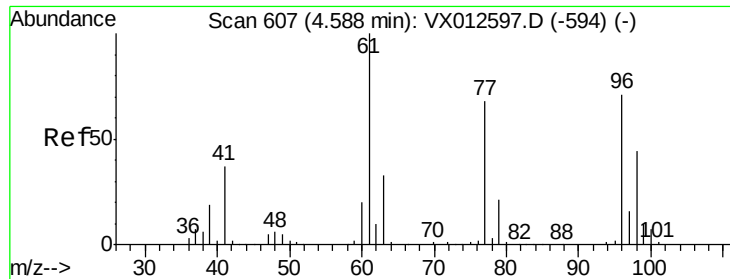
Tgt Ion: 77 Resp: 179268

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

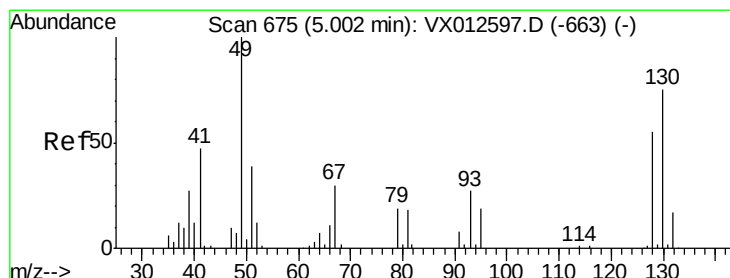
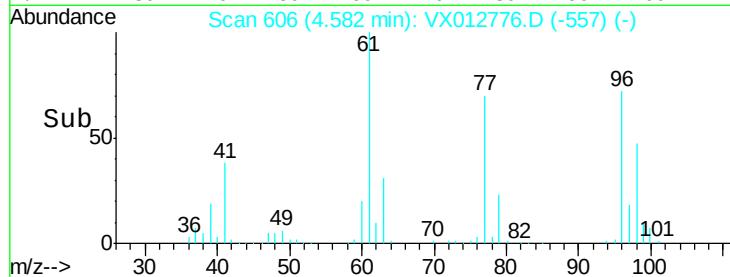
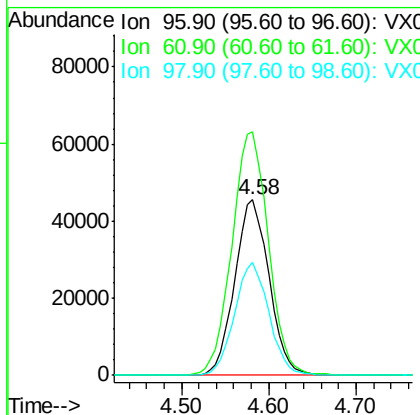
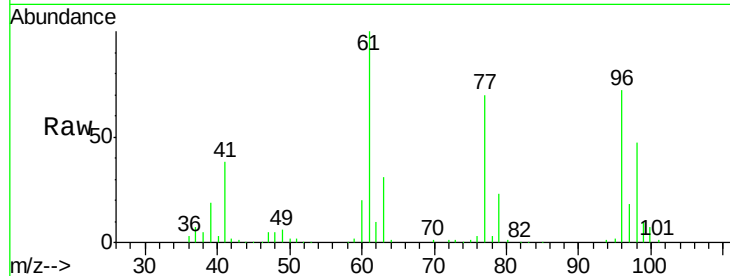
cis-1,2-Dichloroethene
Concen: 51.125 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124633		
61	147.1	0.0	319.4	
98	64.4	0.0	130.6	

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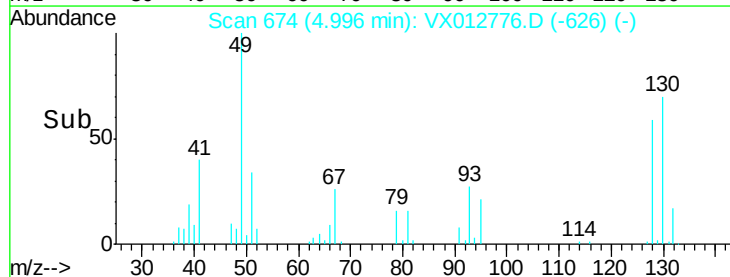
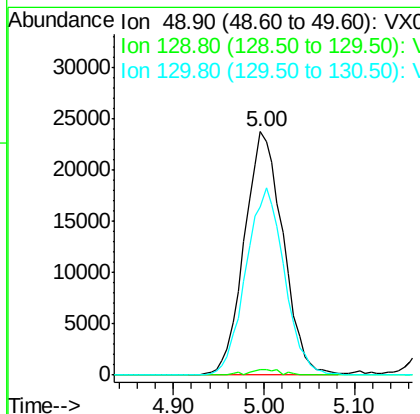
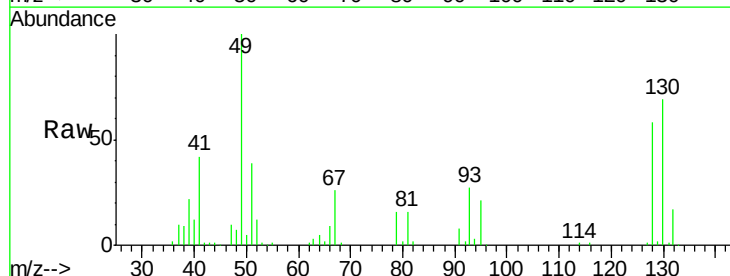
MMDadoda
10/4/2019 9:18:11 AM

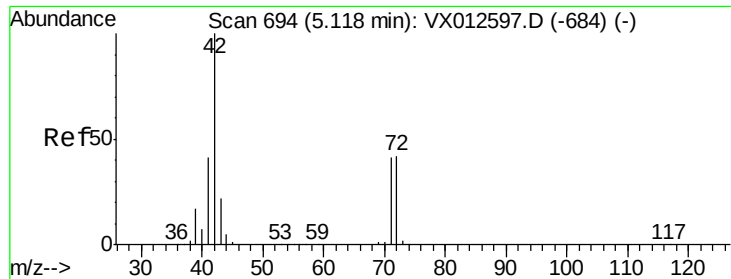


#28

Bromochloromethane
Concen: 48.935 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	70219		
129	1.7	0.0	3.8	
130	76.6	58.2	87.4	





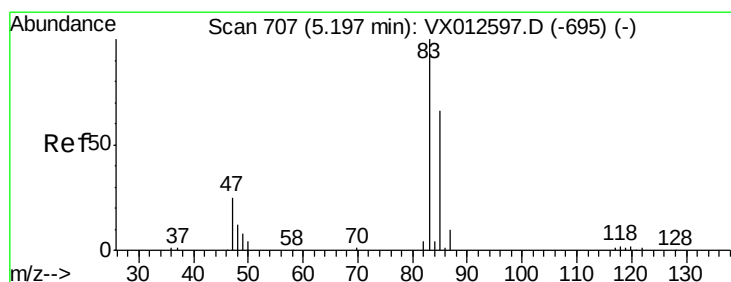
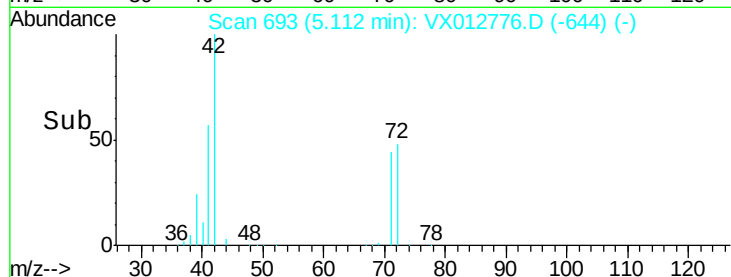
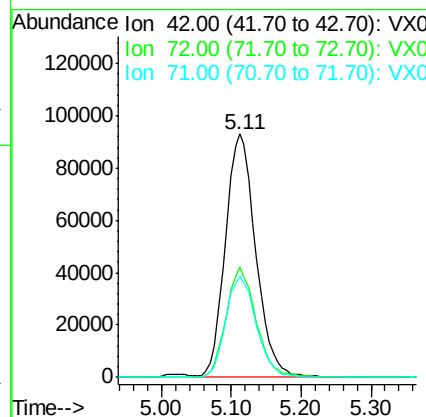
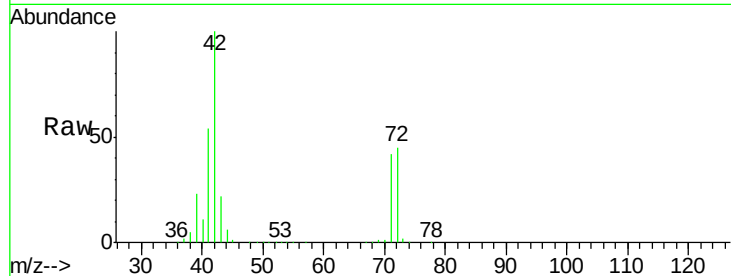
#29
Tetrahydrofuran
Concen: 234.717 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.0	51.0
71	41.7	31.5	47.3

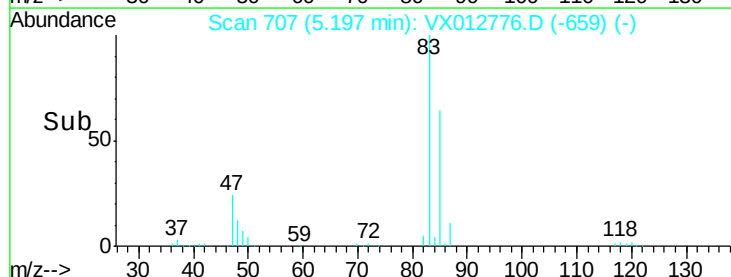
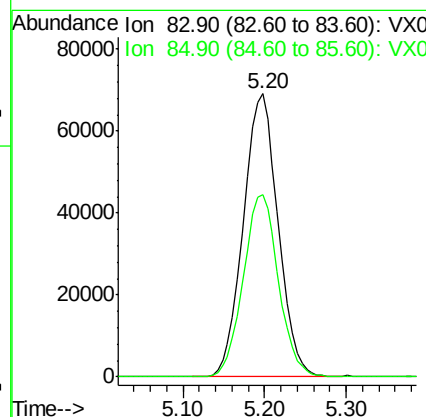
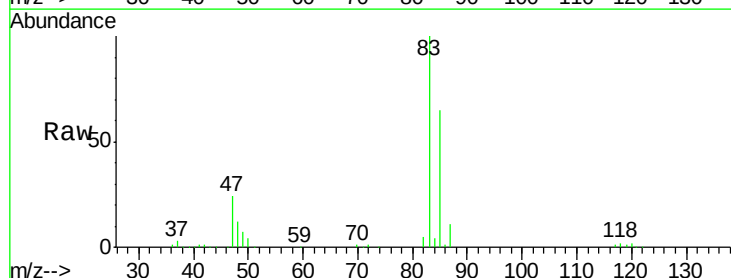
Manual Integrations
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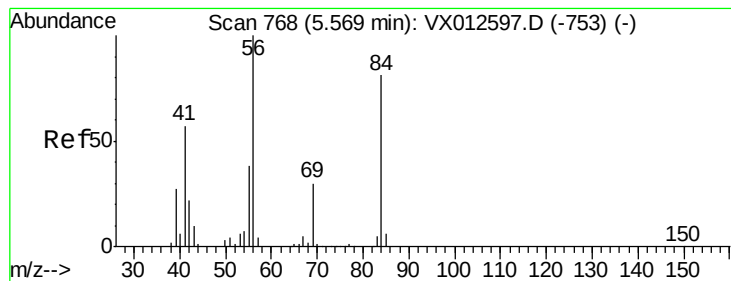
MMDadoda
10/4/2019 9:18:11 AM



#30
Chloroform
Concen: 50.663 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.0	79.4





#31

Cyclohexane

Concen: 50.655 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

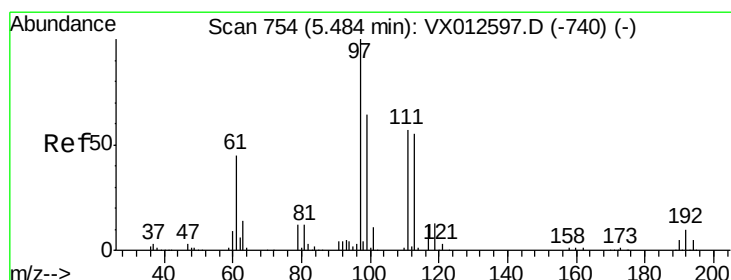
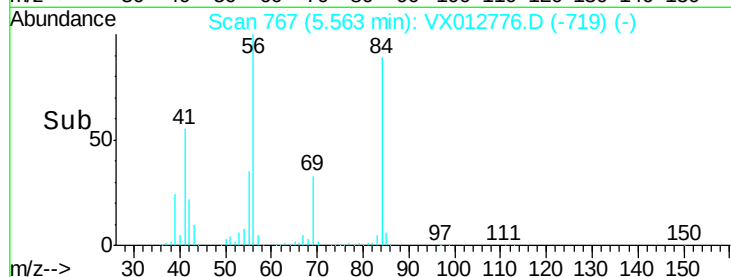
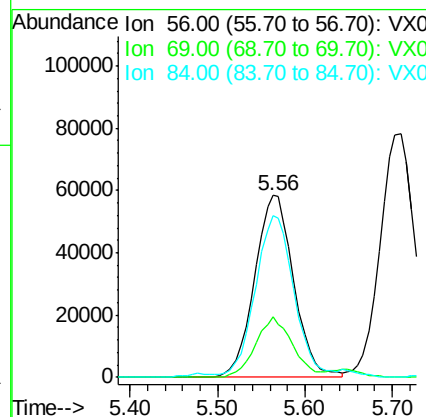
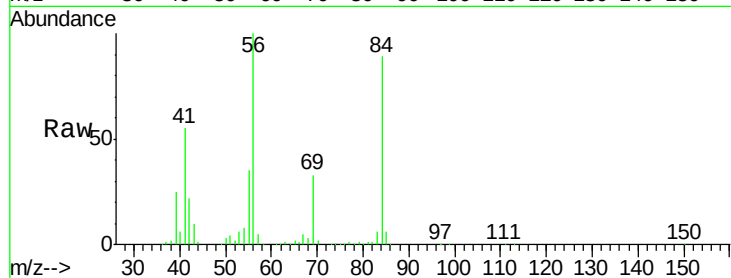
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	181101
Ion Ratio		Lower	Upper
56	100		
69	33.3	25.0	37.6
84	87.4	66.4	99.6

Manual Integrations
APPROVED

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10/4/2019 9:18:11 AM



#32

1,1,1-Trichloroethane

Concen: 50.778 ug/l

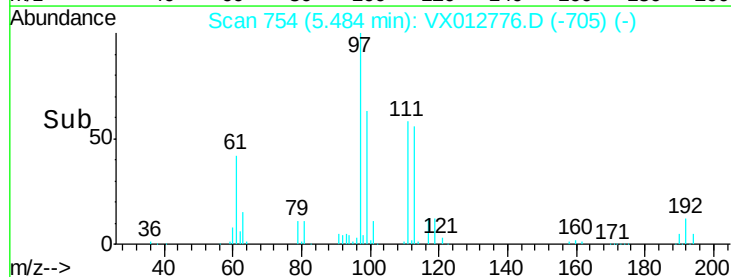
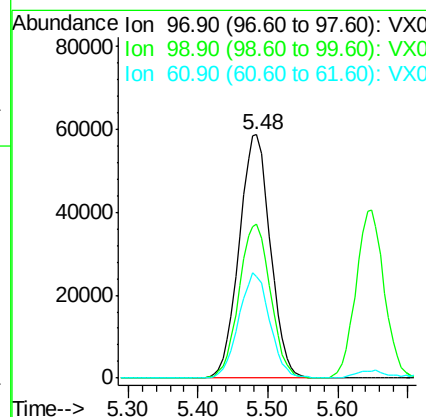
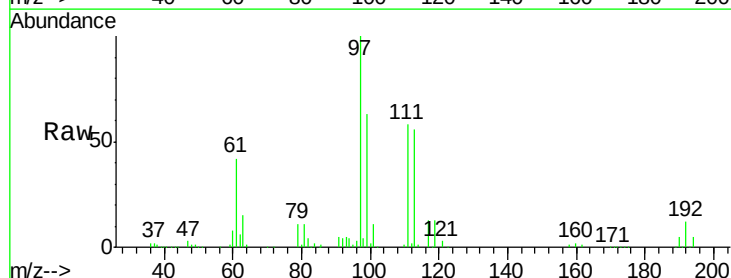
RT: 5.48 min Scan# 754

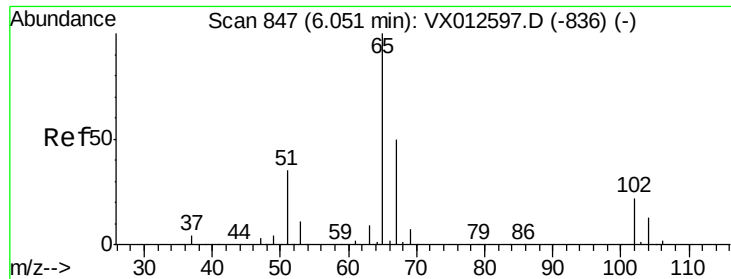
Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion:	97	Resp:	181955
Ion Ratio		Lower	Upper
97	100		
99	64.0	51.3	76.9
61	42.9	36.1	54.1





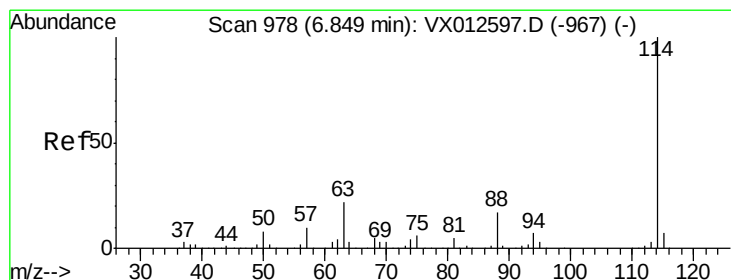
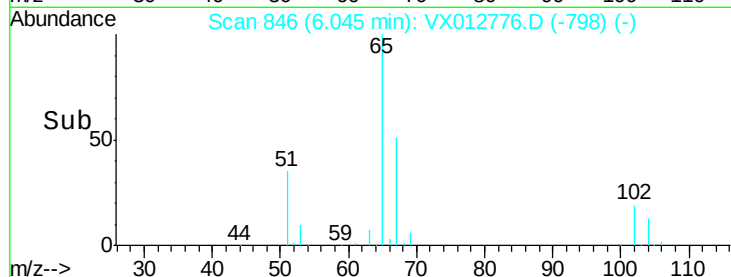
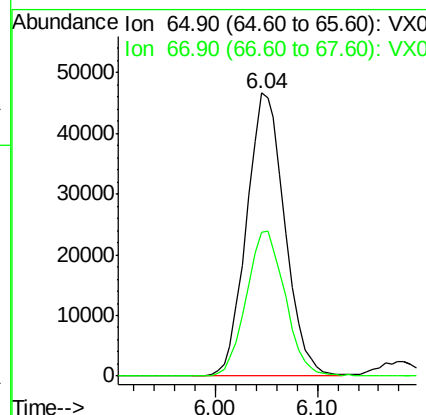
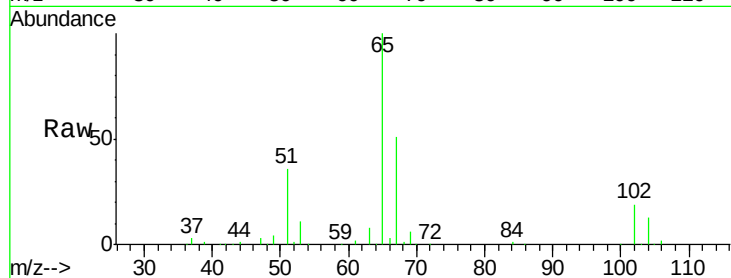
#33
 1,2-Dichloroethane-d4
 Concen: 47.276 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.2

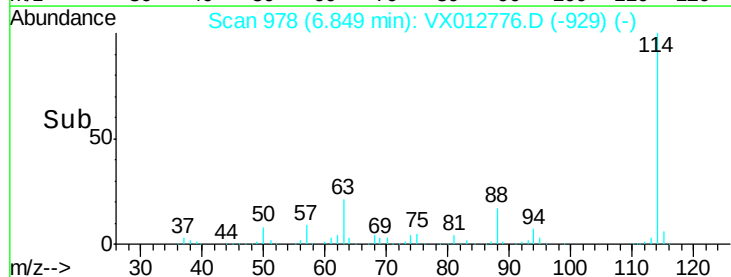
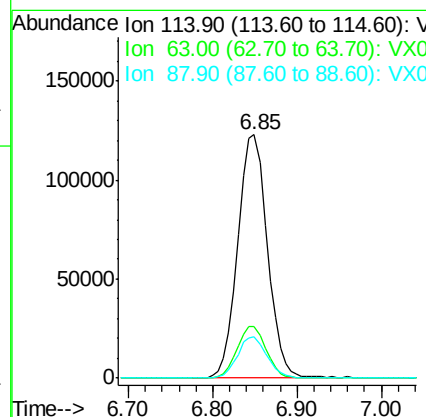
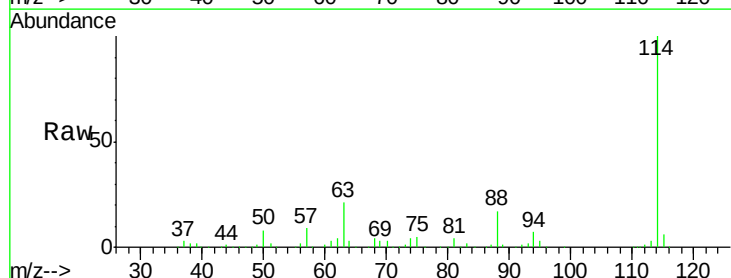
Manual Integrations
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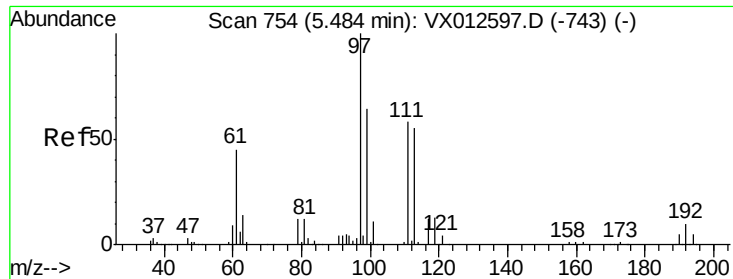
MMDadoda
 10/4/2019 9:18:11 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	17.0	0.0	33.2





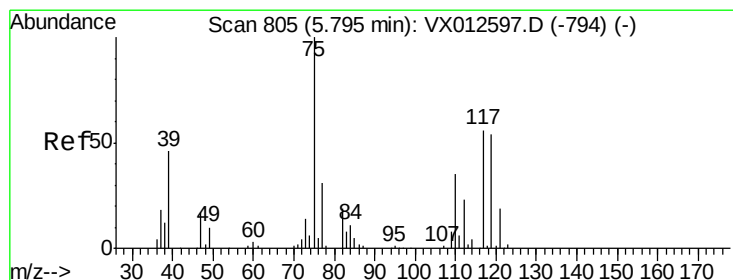
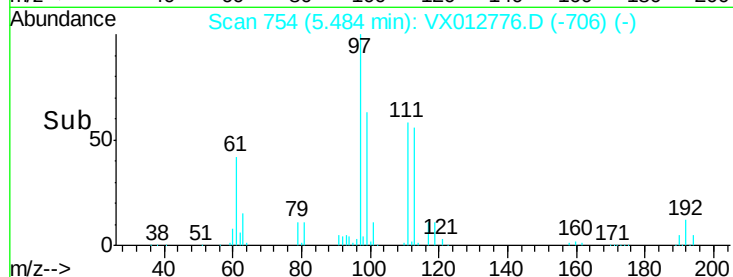
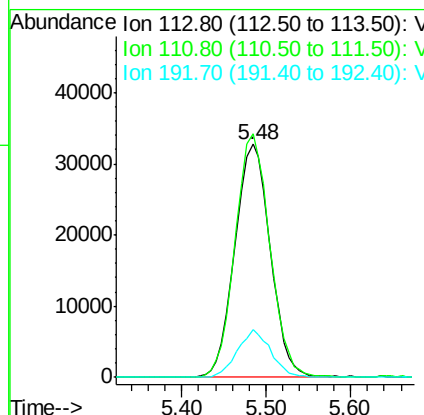
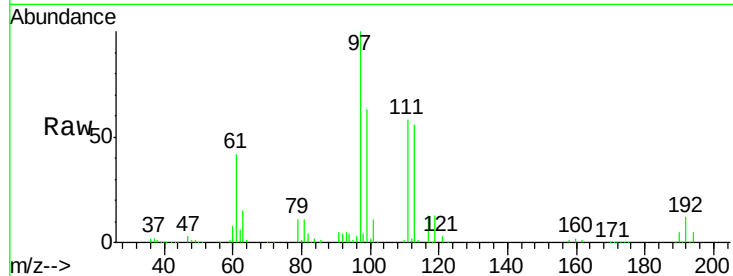
#35
 Dibromofluoromethane
 Concen: 53.594 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93311		
111	102.7	83.4	125.2	
192	19.1	14.4	21.6	

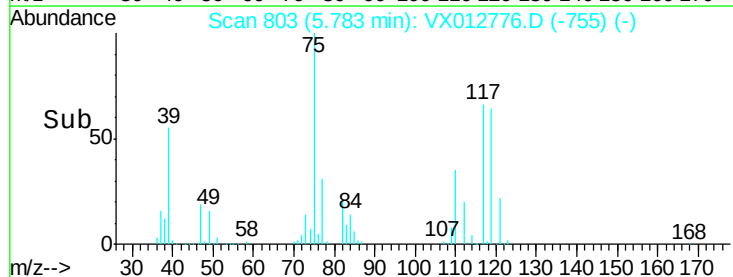
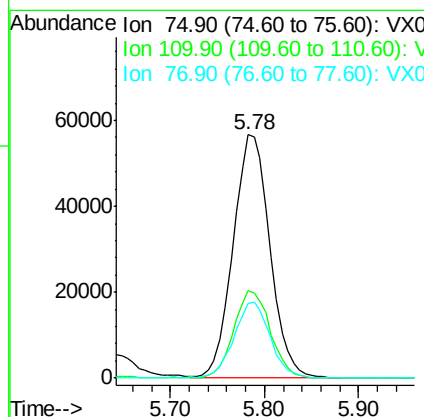
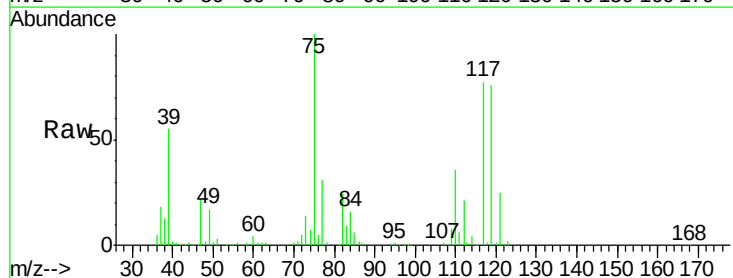
Manual Integrations
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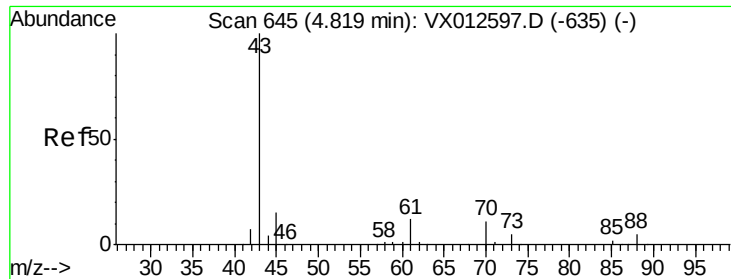
MMDadoda
 10/4/2019 9:18:11 AM



#36
 1,1-Dichloropropene
 Concen: 54.470 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153491		
110	35.8	16.7	50.0	
77	31.2	24.2	36.2	





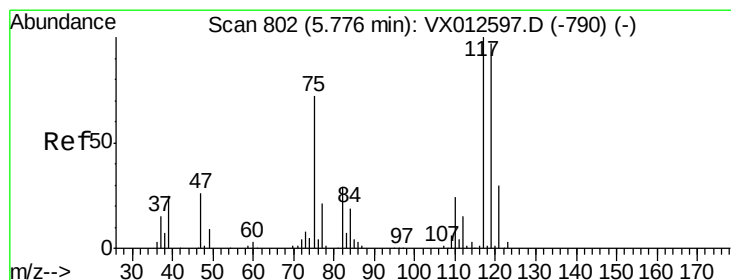
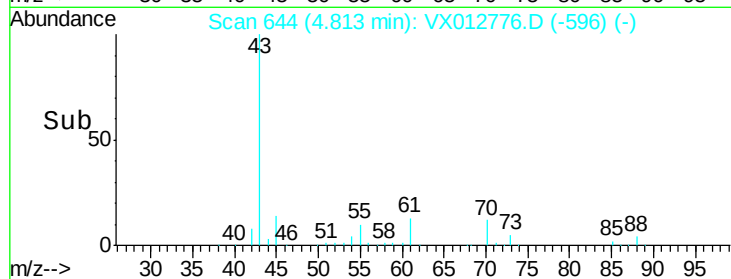
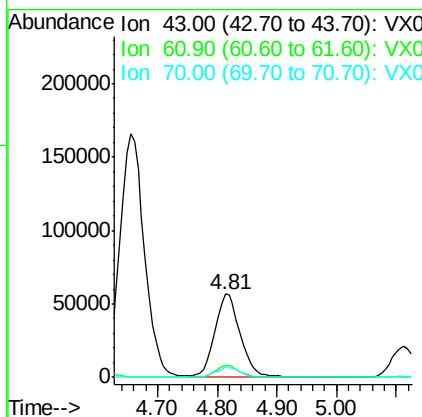
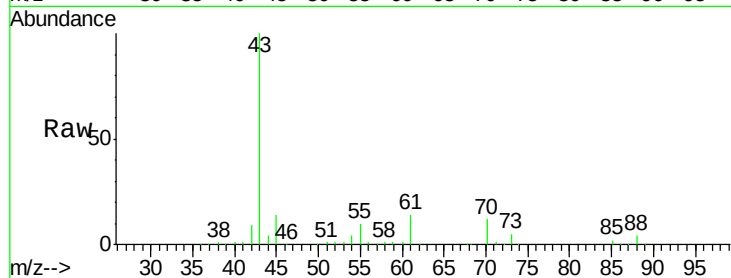
#37
Ethyl Acetate
Concen: 50.730 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.4
70	11.8	8.7	13.1

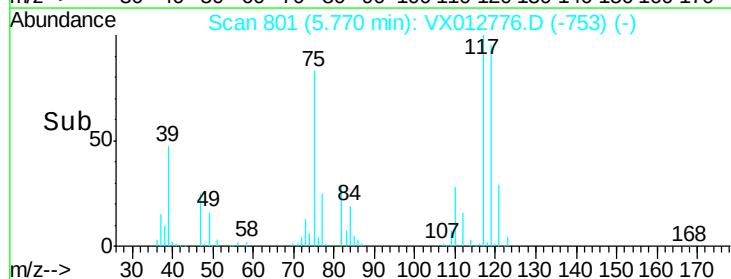
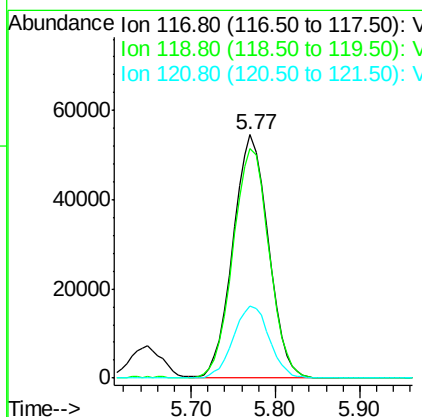
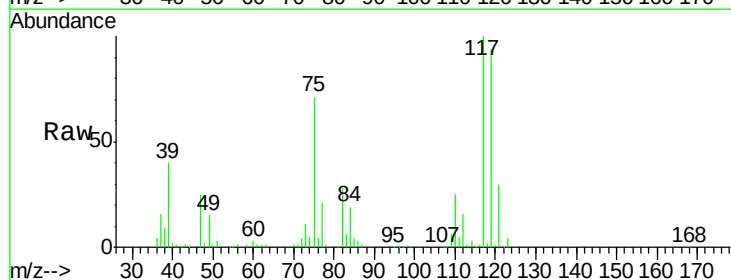
Manual Integrations
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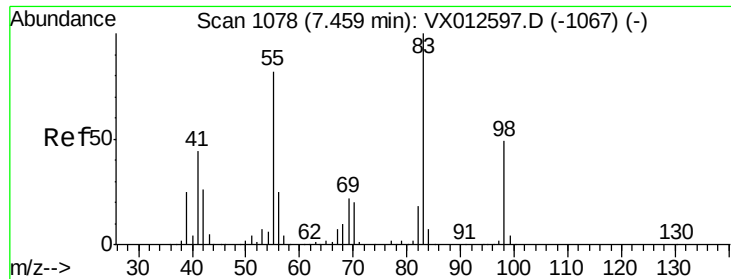
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.393 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.7	113.5
121	29.9	24.2	36.4





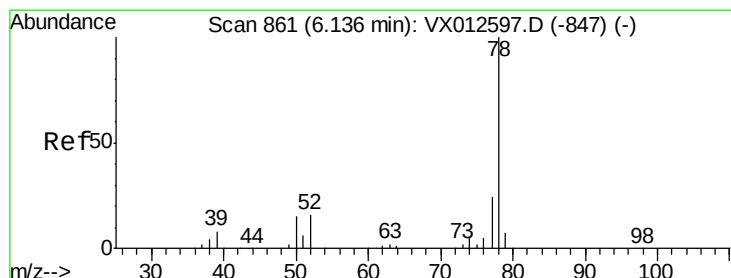
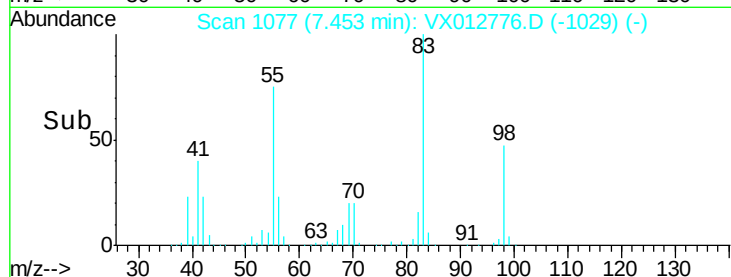
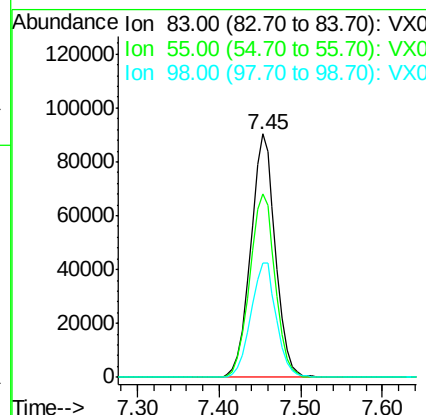
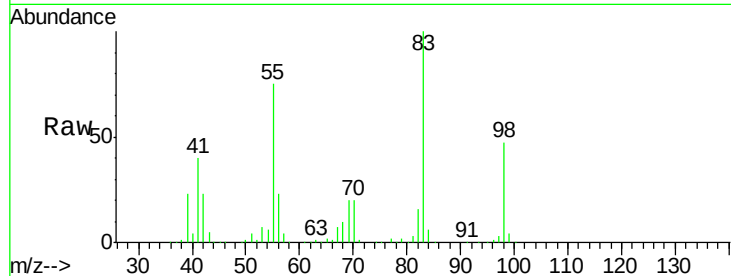
#39
Methylvlcyclohexane
Concen: 55.928 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	64.4	96.6
98	47.2	40.1	60.1

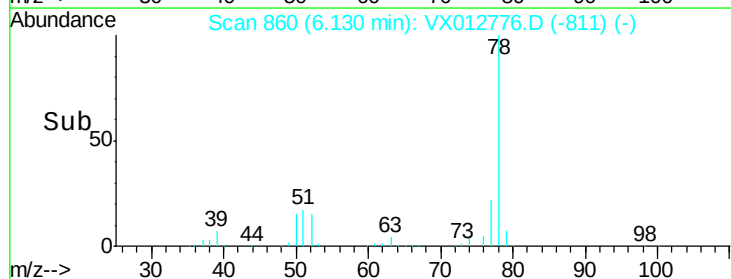
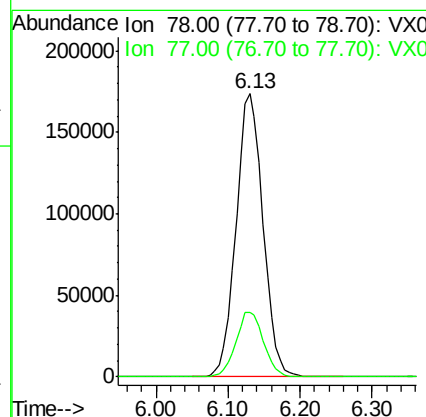
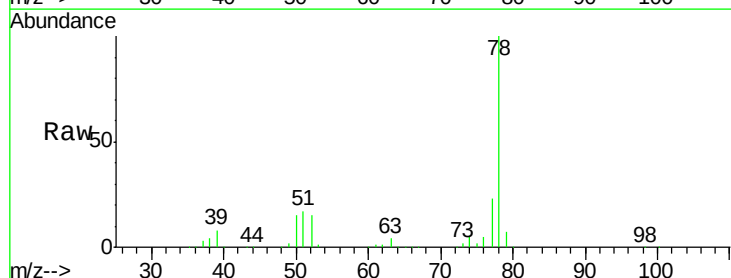
Manual Integrations
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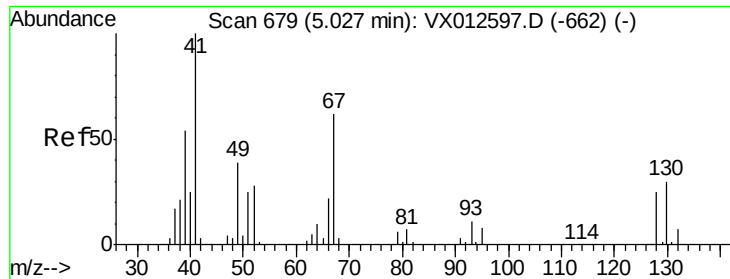
MMDadoda
10/4/2019 9:18:11 AM



#40
Benzene
Concen: 54.345 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





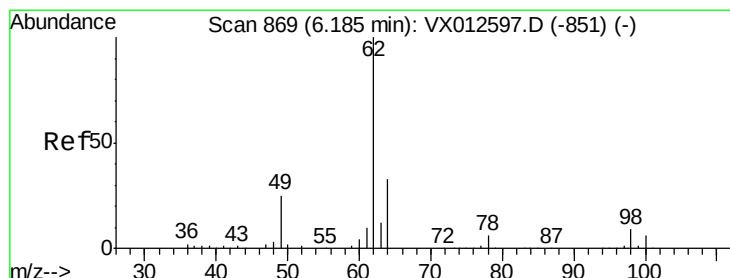
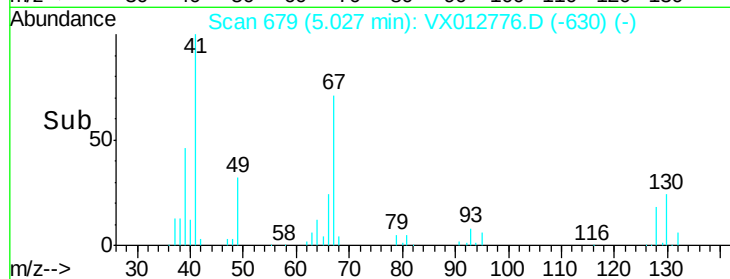
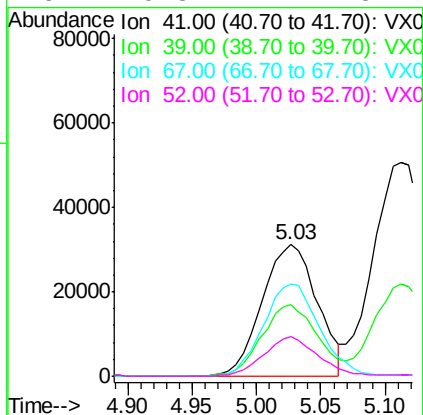
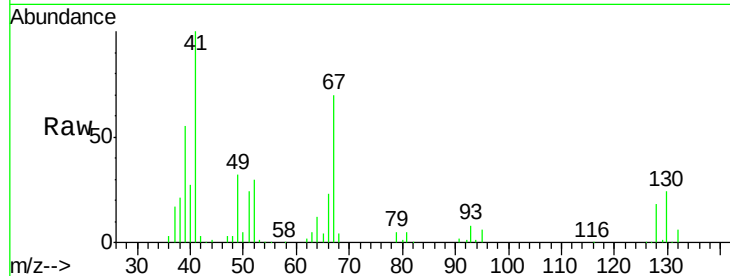
#41
Methacrylonitrile
Concen: 50.147 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.0	69.0
67	71.7	52.2	78.2
52	29.8	22.7	34.1

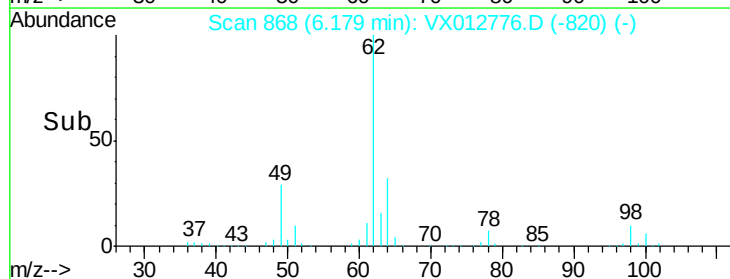
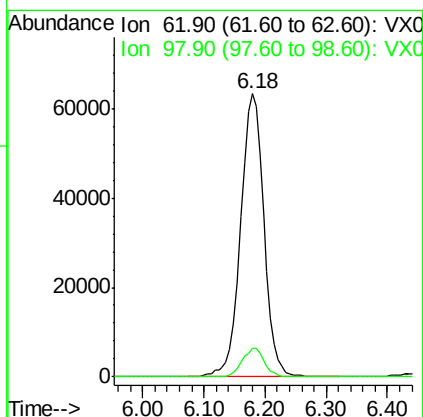
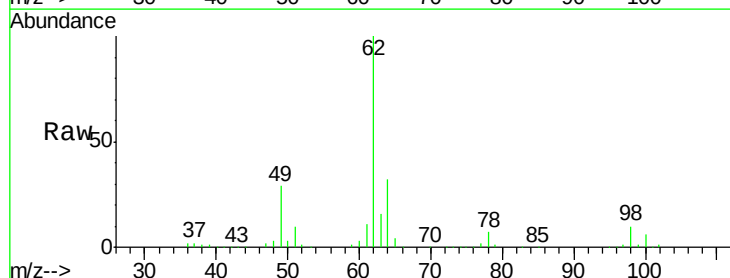
Manual Integrations
APPROVED

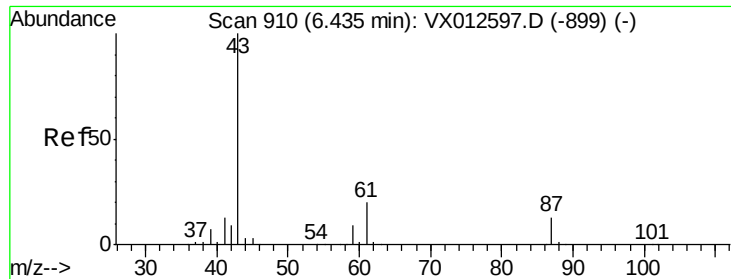
MMDadoda
10/4/2019 9:18:11 AM



#42
1,2-Dichloroethane
Concen: 53.024 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8





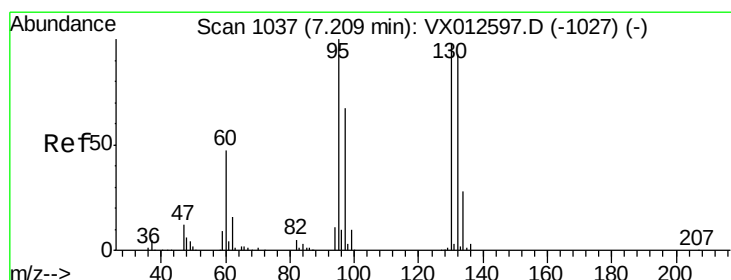
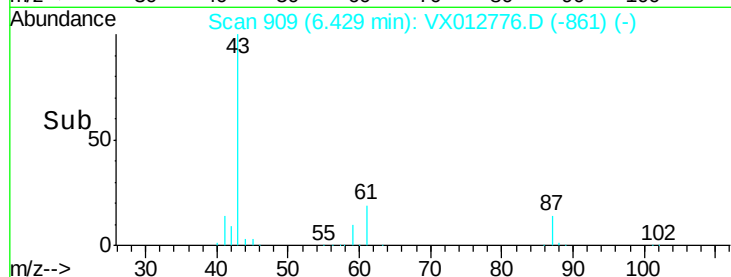
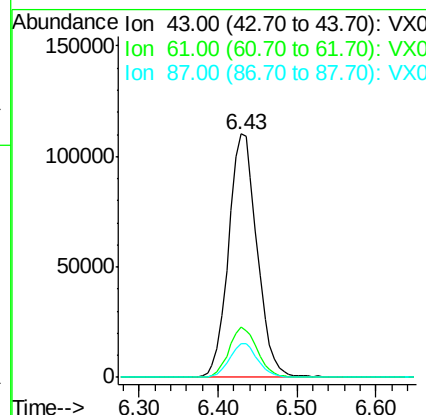
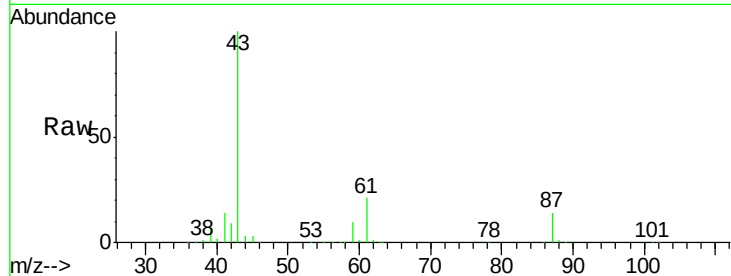
#43
Isopropyl Acetate
Concen: 50.136 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.6	9.8	14.8

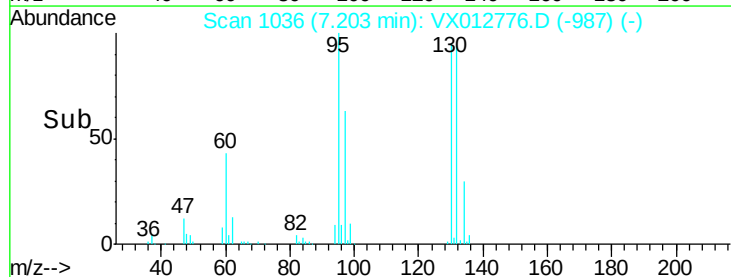
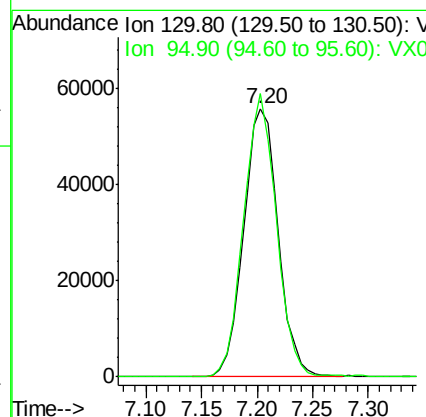
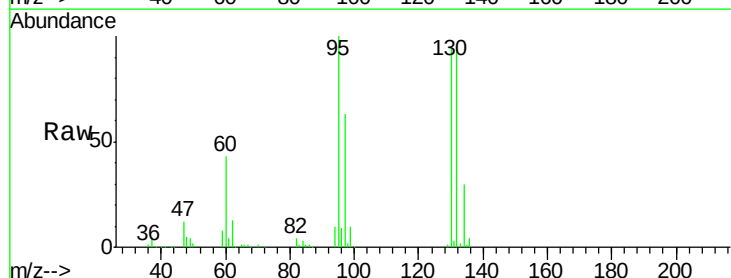
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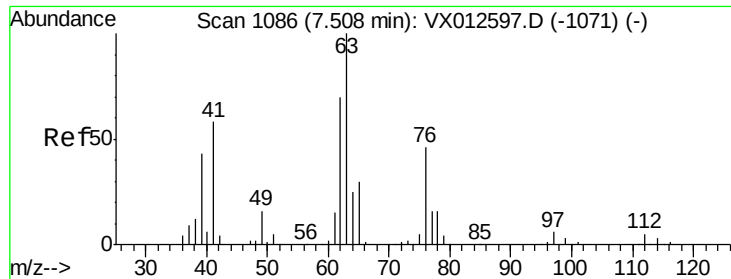
MMDadoda
10/4/2019 9:18:11 AM



#44
Trichloroethene
Concen: 56.579 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	193.0





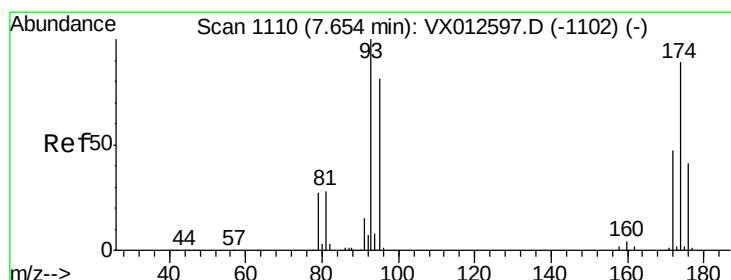
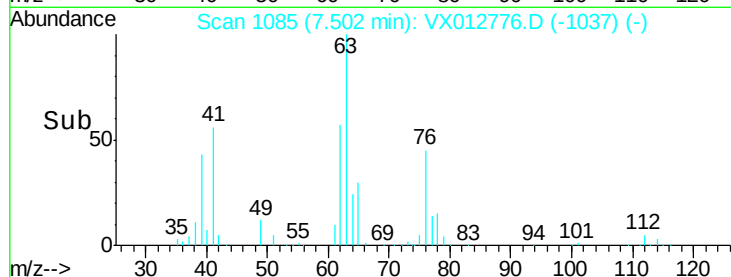
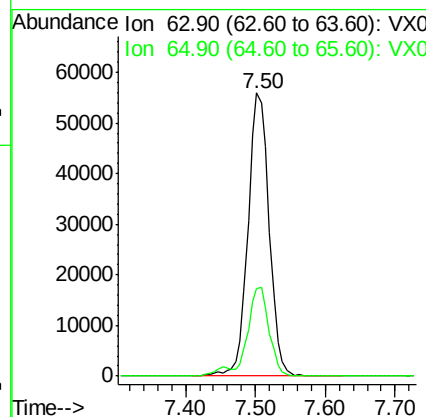
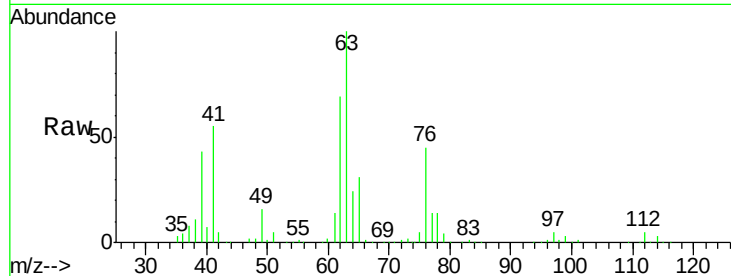
#45
 1,2-Dichloropropane
 Concen: 55.572 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 117964
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6

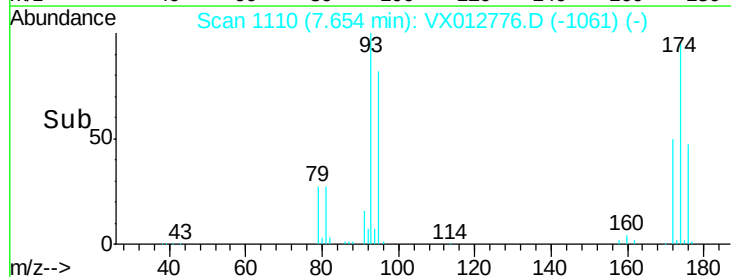
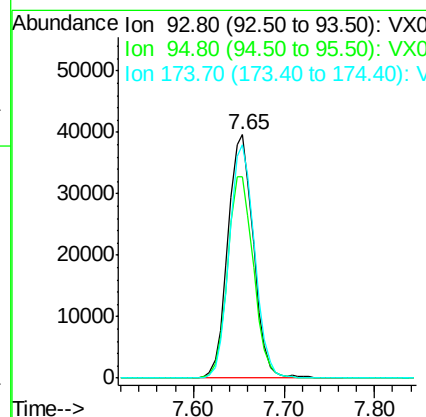
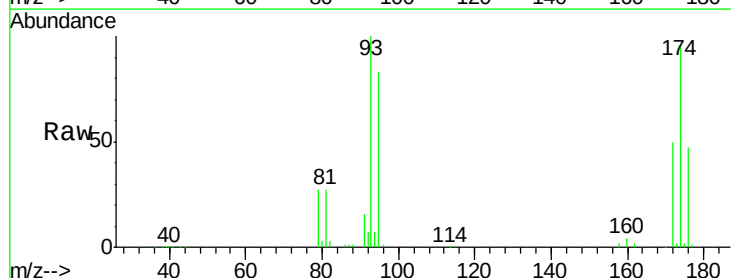
Manual Integrations
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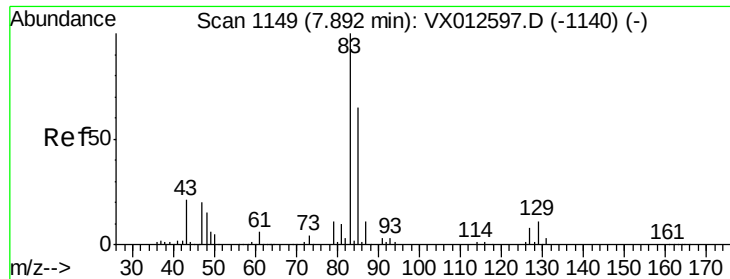
MMDadoda
 10/4/2019 9:18:11 AM



#46
 Dibromomethane
 Concen: 53.733 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion: 93 Resp: 77658
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 100.0
 174 94.8 77.4 116.0





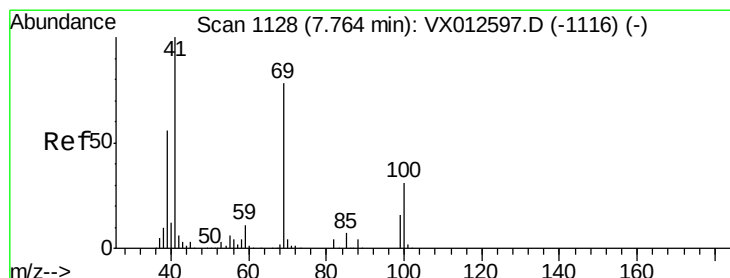
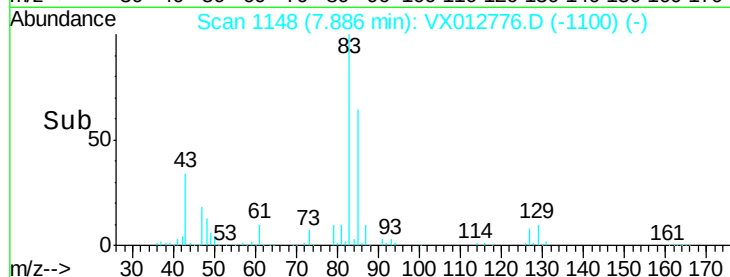
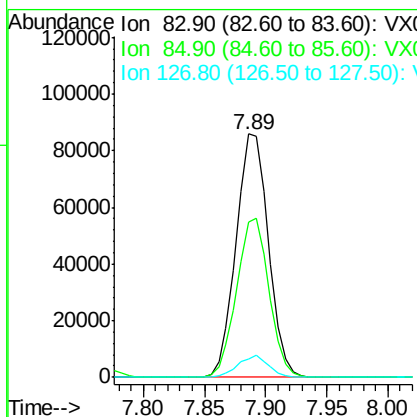
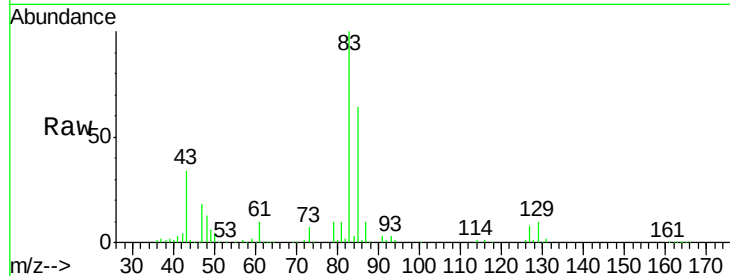
#47
Bromodichloromethane
Concen: 54.750 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	158146
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.8	77.6
127	7.8	7.3	10.9

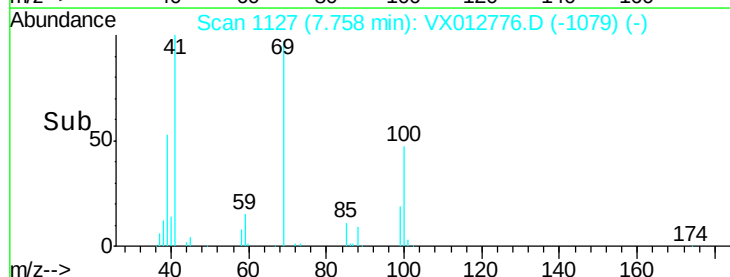
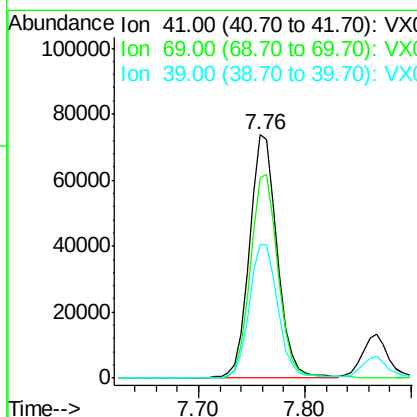
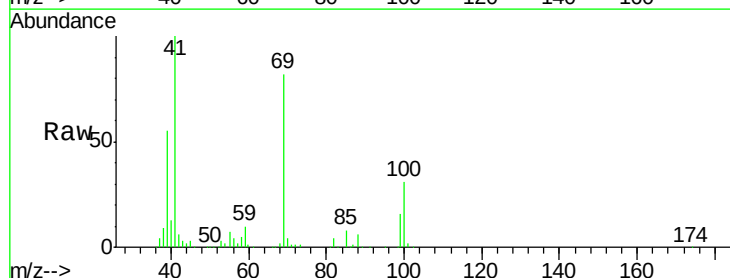
Manual Integrations
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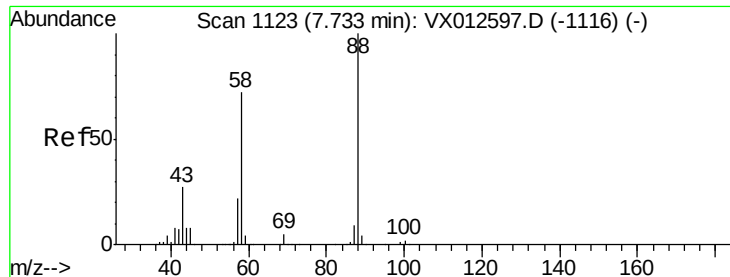
MMDadoda
10/4/2019 9:18:11 AM



#48
Methyl methacrylate
Concen: 51.030 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	41	Resp	134806
Ion Ratio	100	Lower	Upper
41	100		
69	84.2	59.9	89.9
39	56.6	47.8	71.6





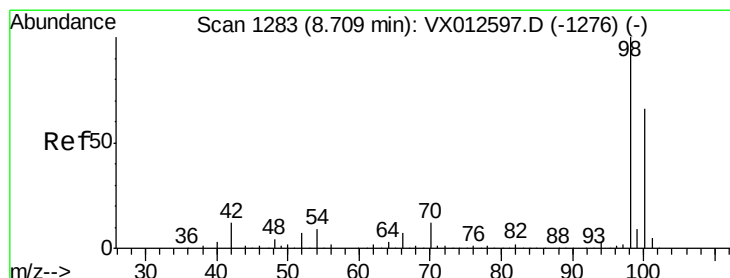
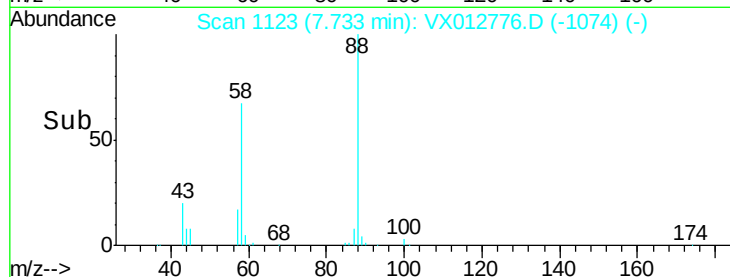
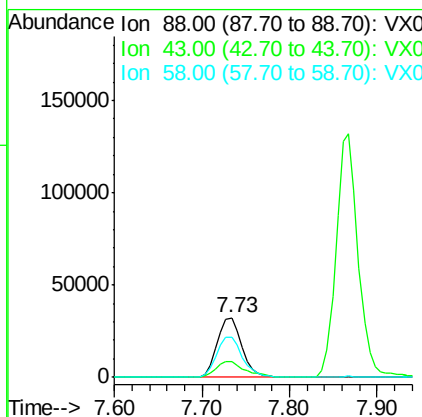
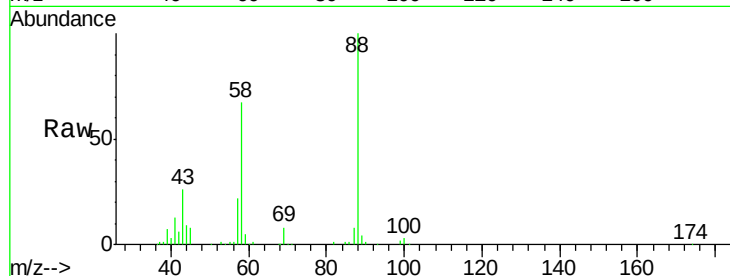
#49
1,4-Dioxane
Concen: 1066.667 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	29.4	44.0
58	70.1	57.5	86.3

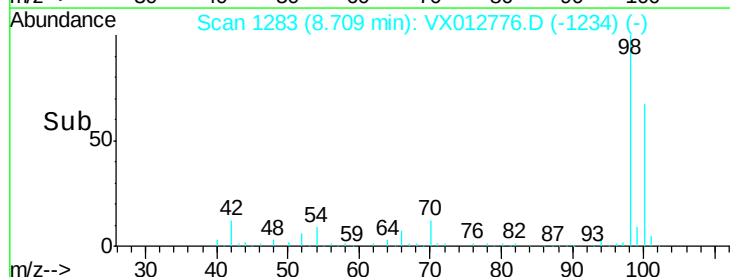
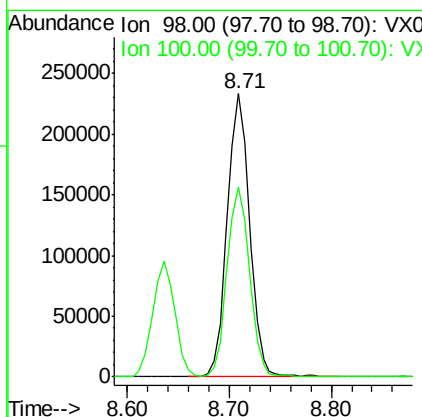
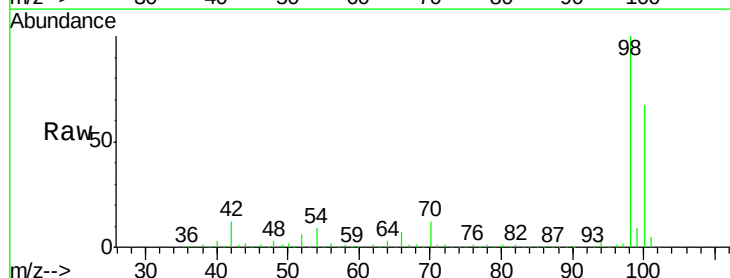
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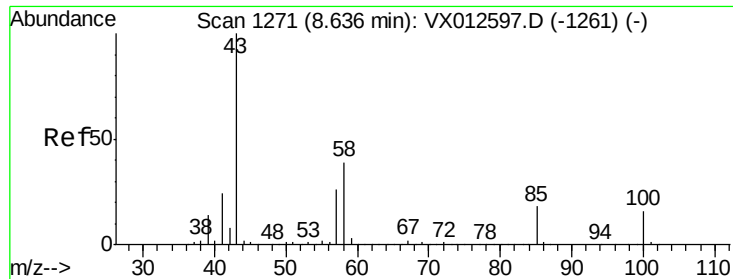
MMDadoda
10/4/2019 9:18:11 AM



#50
Toluene-d8
Concen: 52.922 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 253.512 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 862148

Ion Ratio Lower Upper

43 100

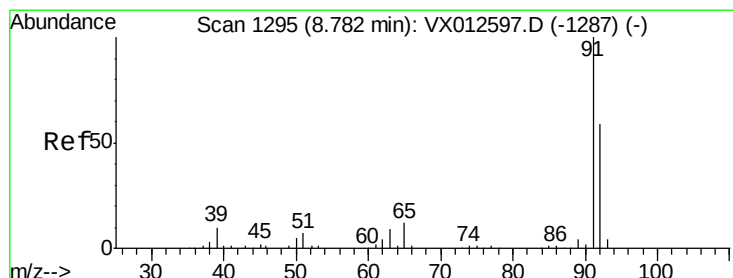
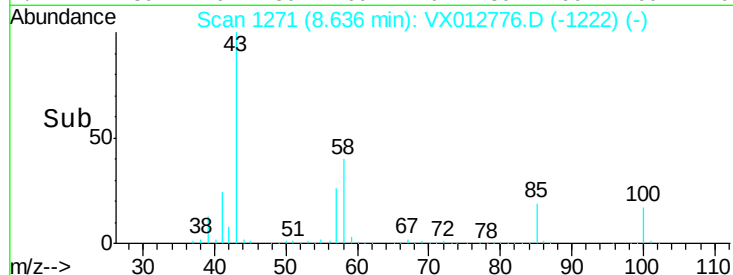
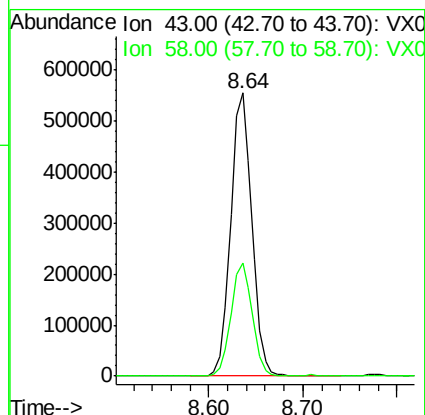
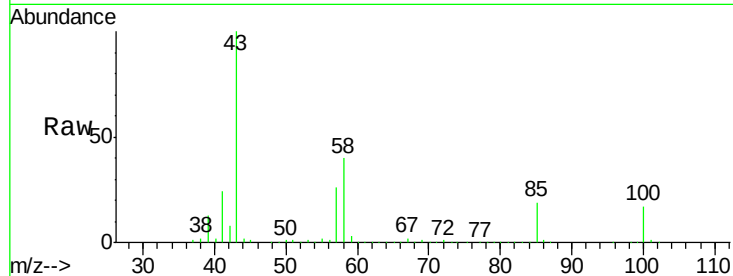
58 40.0 29.8 44.6

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 55.350 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012776.D

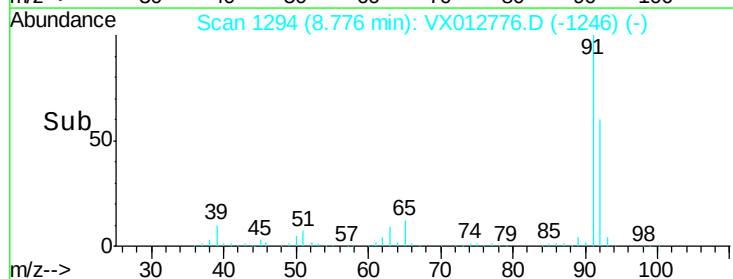
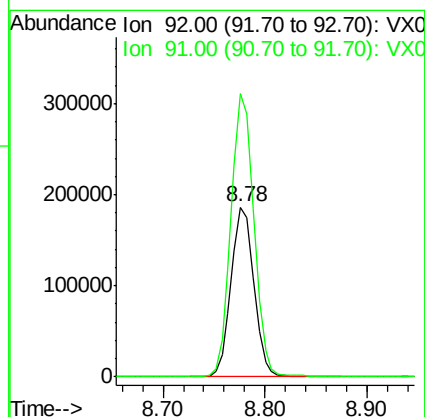
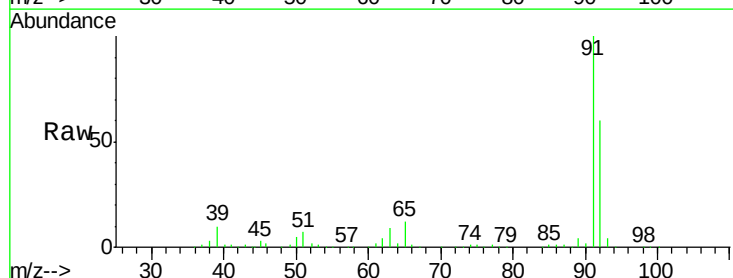
Acq: 03 Oct 2019 11:10

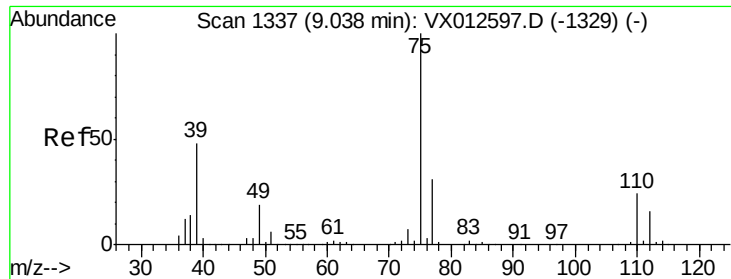
Tgt Ion: 92 Resp: 288433

Ion Ratio Lower Upper

92 100

91 167.7 135.4 203.0





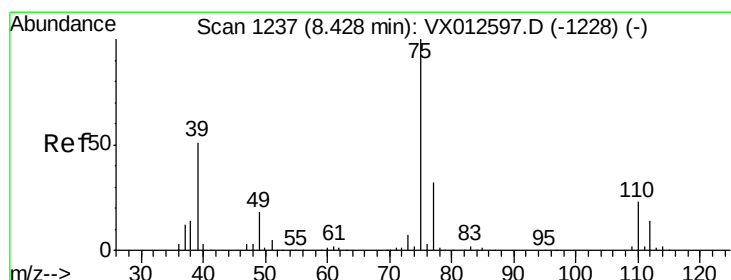
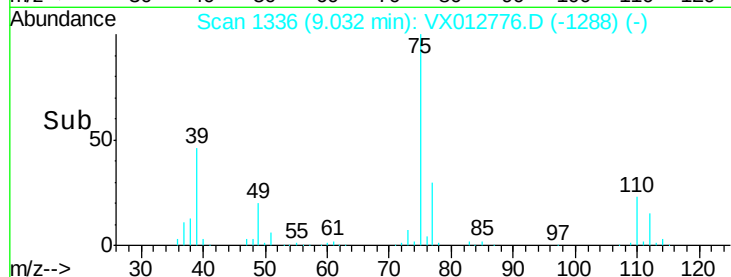
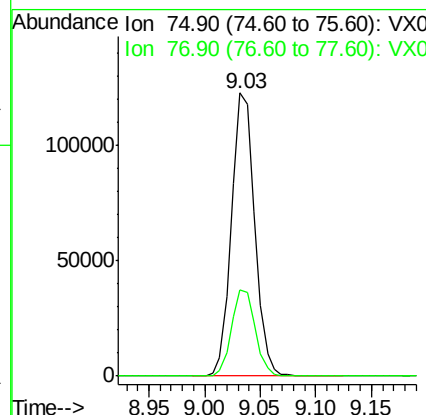
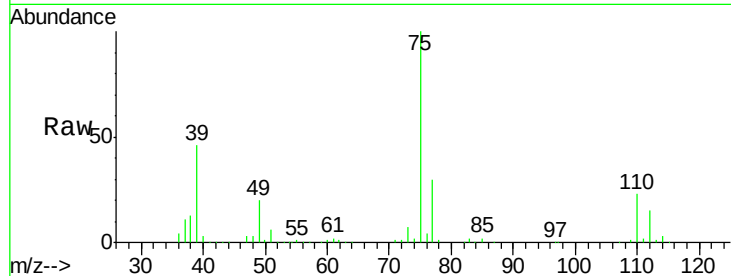
#53
t-1,3-Dichloropropene
Concen: 55.792 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 178306
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8

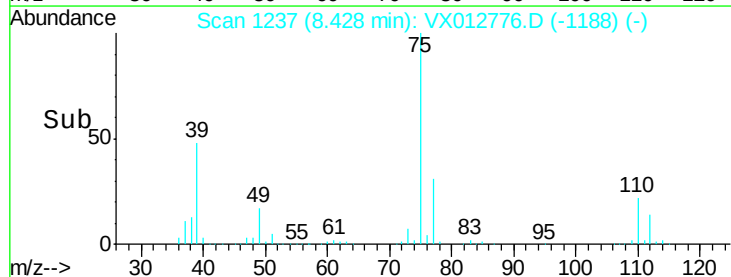
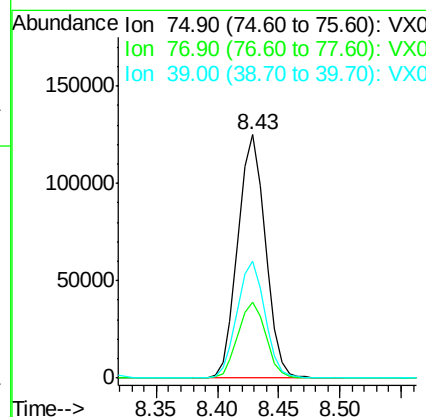
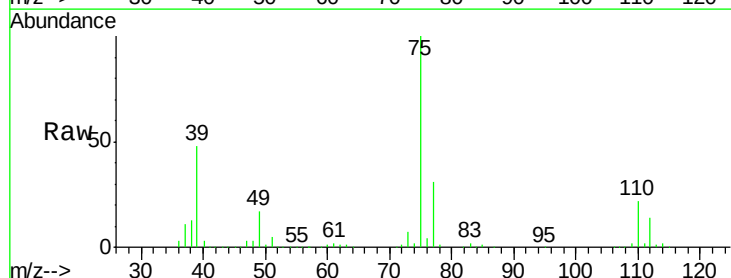
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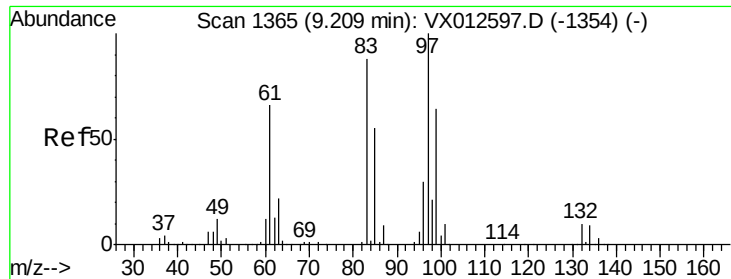
MMDadoda
10/4/2019 9:18:11 AM



#54
cis-1,3-Dichloropropene
Concen: 55.989 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 75 Resp: 195369
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8
39 48.0 45.5 68.3





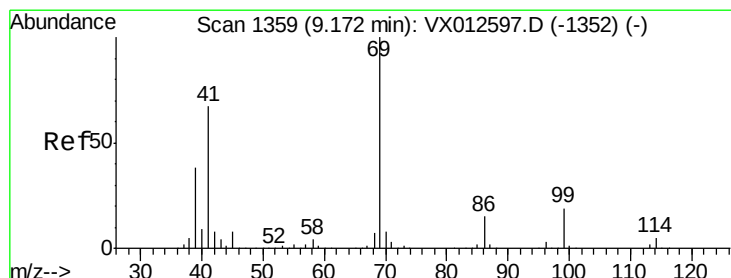
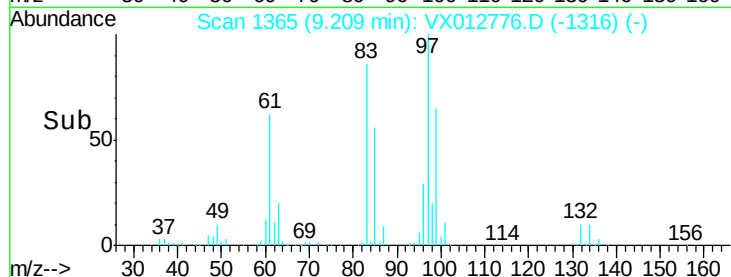
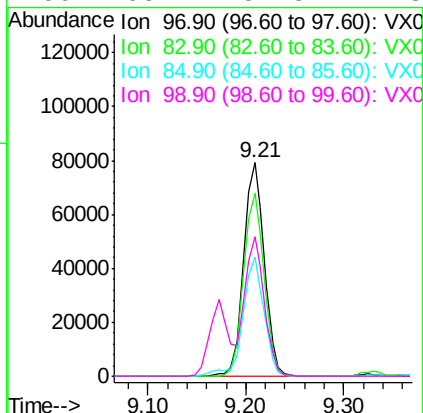
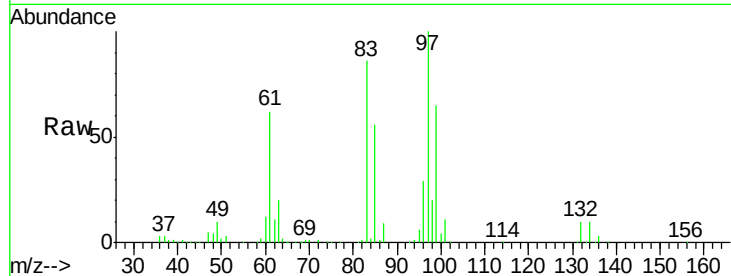
#55
 1,1,2-Trichloroethane
 Concen: 55.841 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	115689
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.4	101.2
85	55.6	43.5	65.3
99	65.1	51.8	77.8

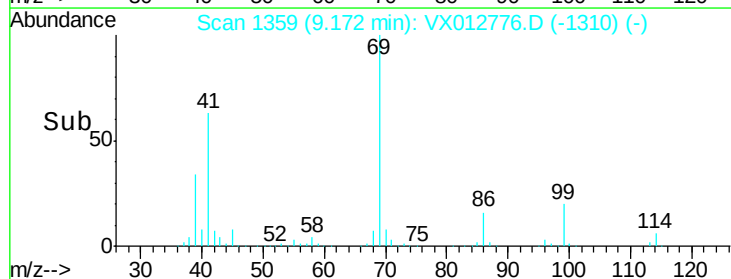
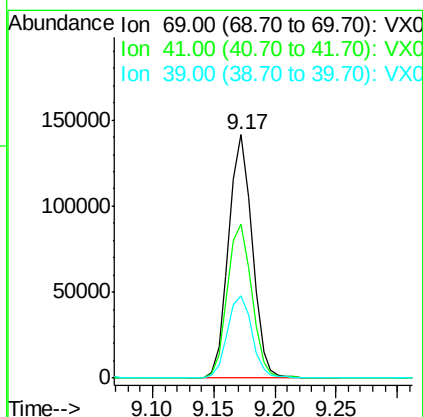
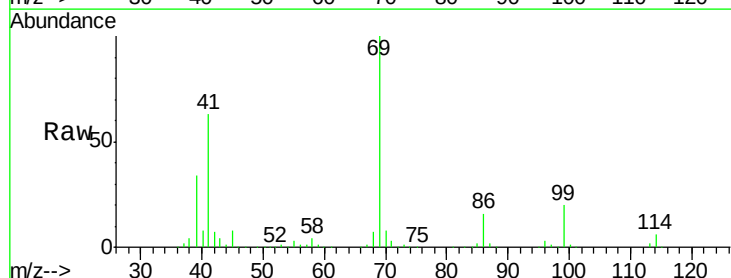
Manual Integrations
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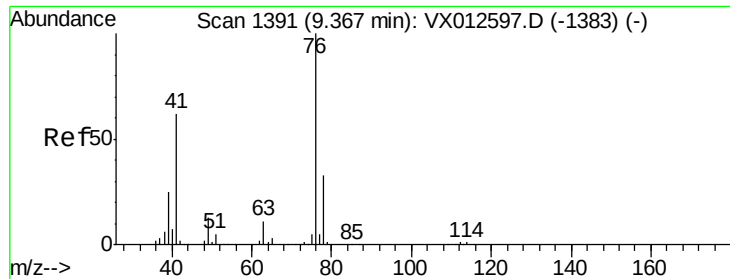
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#56
 Ethyl methacrylate
 Concen: 54.532 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion:	69	Resp:	189801
Ion	Ratio	Lower	Upper
69	100		
41	65.8	58.4	87.6
39	35.0	33.4	50.0





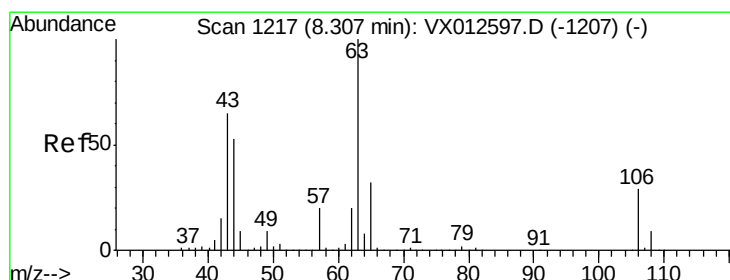
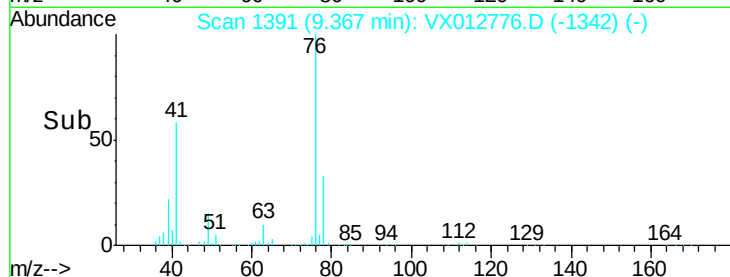
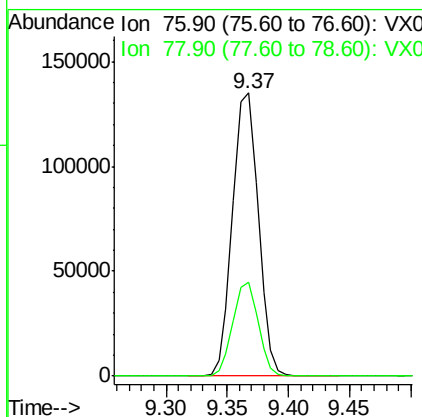
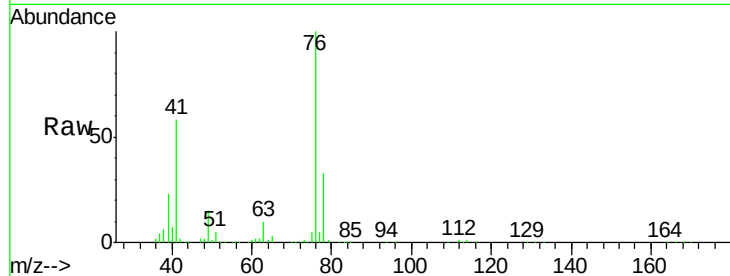
#57
 1,3-Dichloropropane
 Concen: 54.548 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

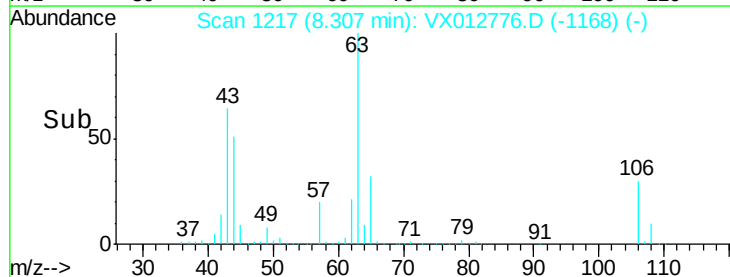
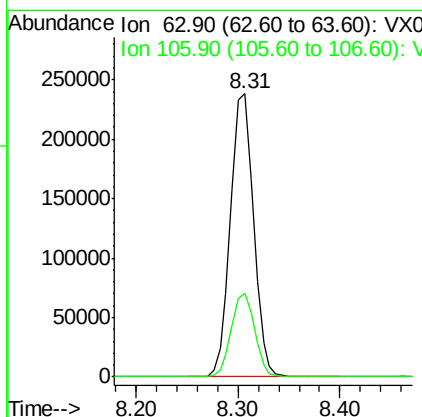
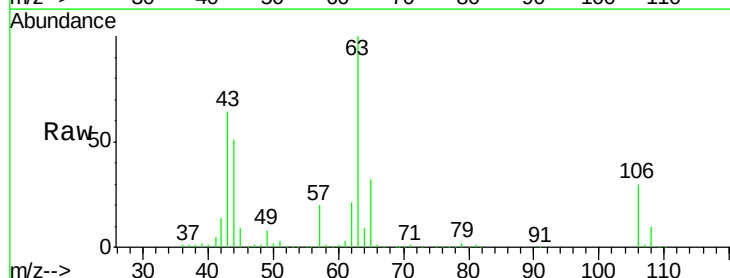
Manual Integrations
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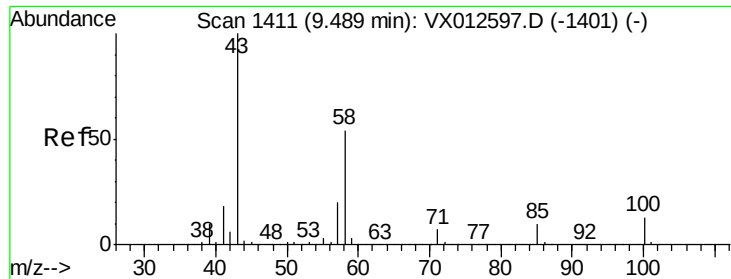
MMDadoda
 10/4/2019 9:18:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.089 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.8	35.6





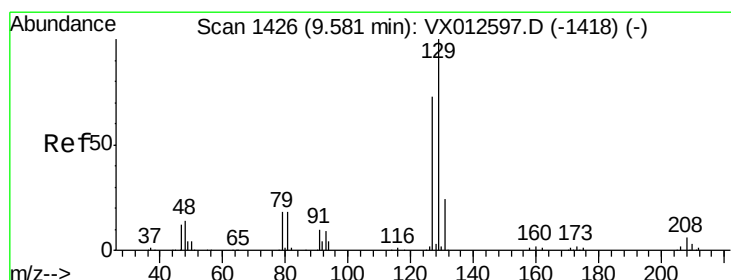
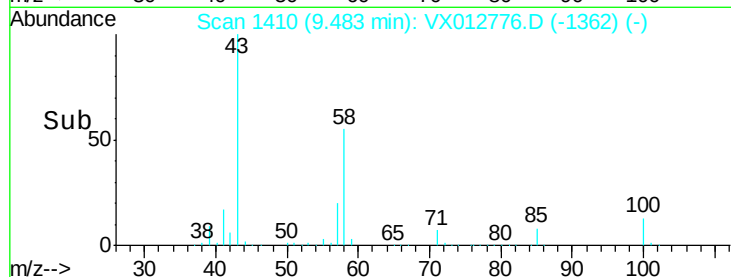
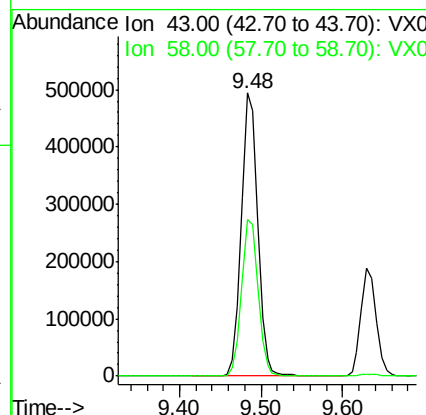
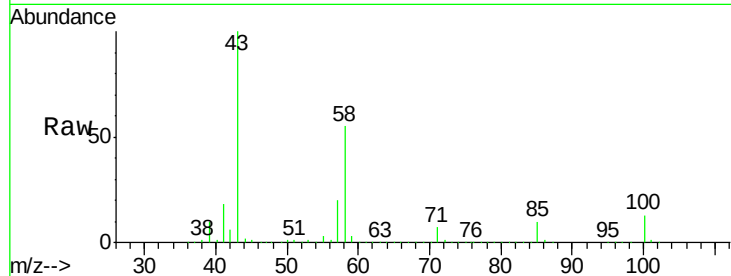
#59
2-Hexanone
Concen: 260.774 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 678826
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1

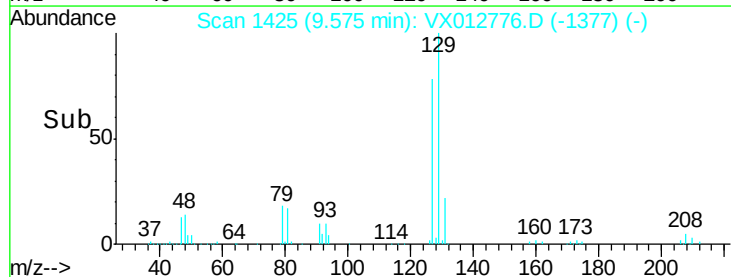
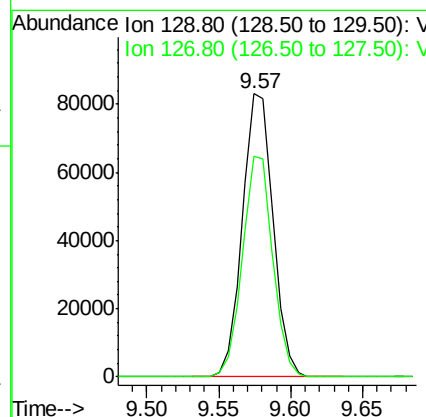
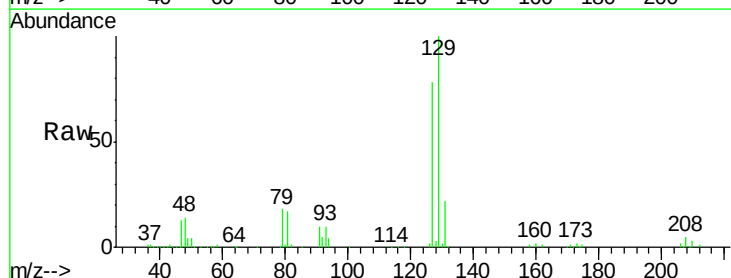
Manual Integrations
APPROVED

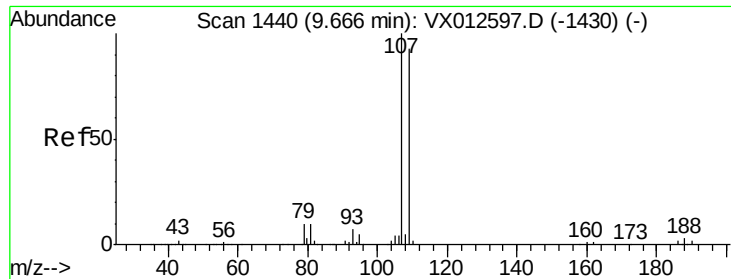
MMDadoda
10/4/2019 9:18:11 AM



#60
Dibromochloromethane
Concen: 58.608 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 129 Resp: 122913
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 56.627 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 122096

Ion Ratio Lower Upper

107 100

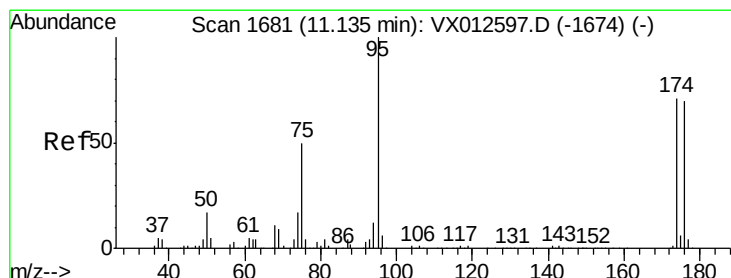
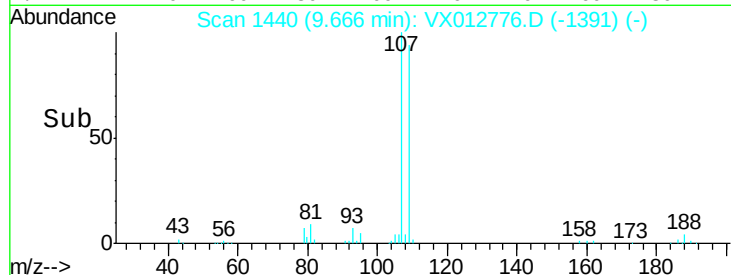
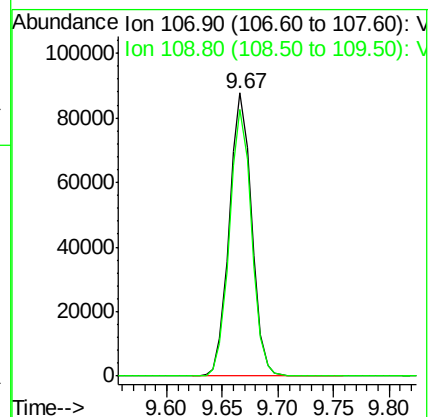
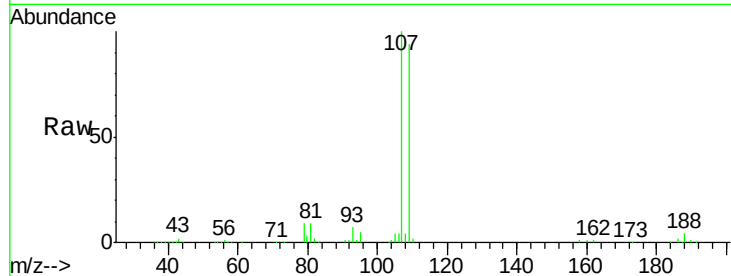
109 93.1 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 53.298 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

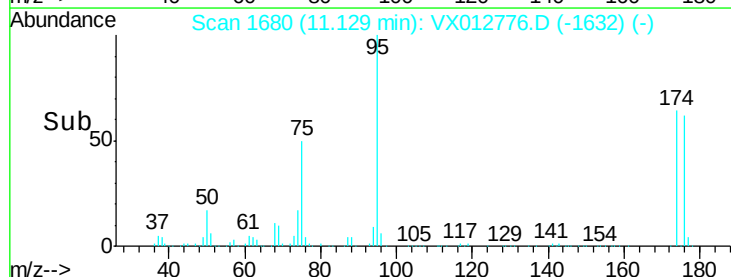
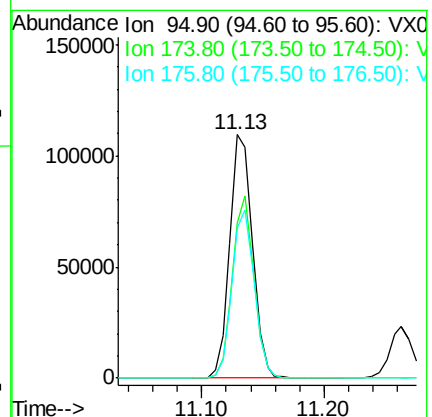
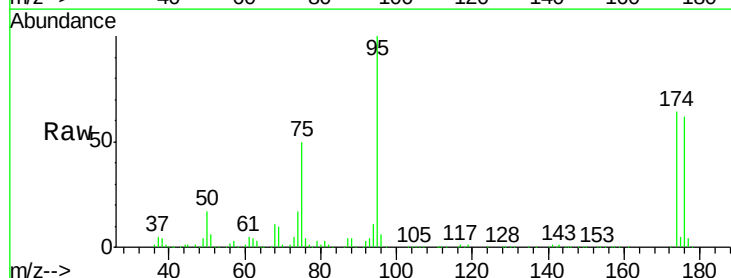
Tgt Ion: 95 Resp: 140516

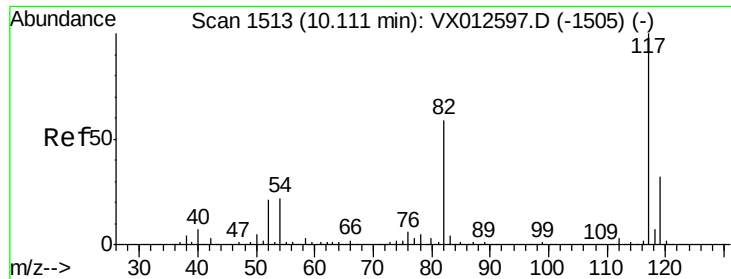
Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

176 67.5 0.0 135.4





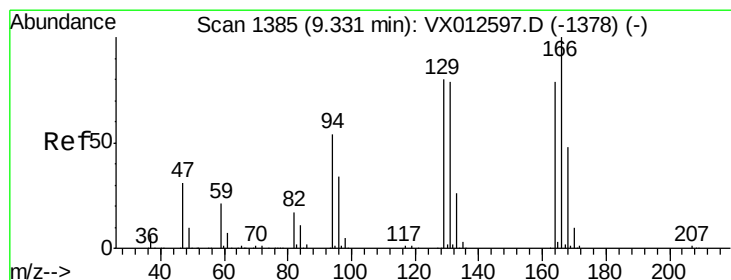
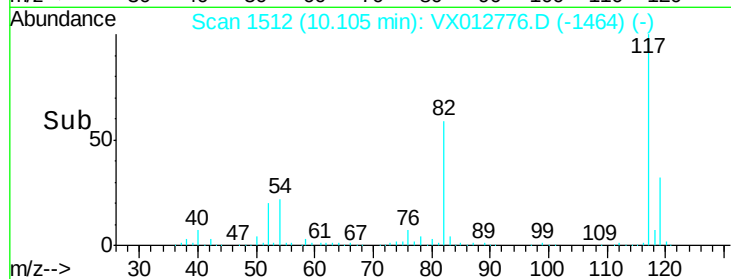
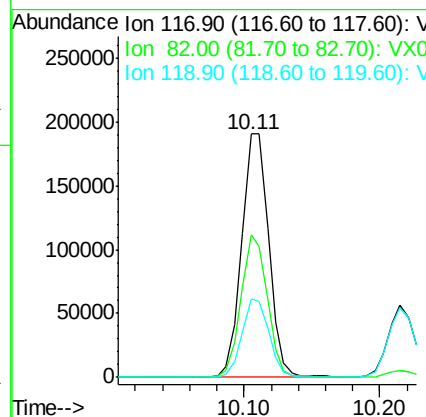
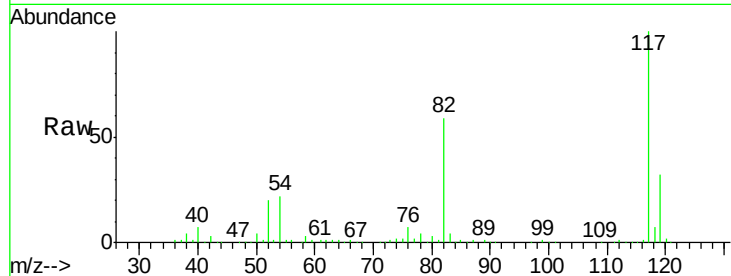
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	265136		
82	58.6	45.9	68.9	
119	32.1	25.3	37.9	

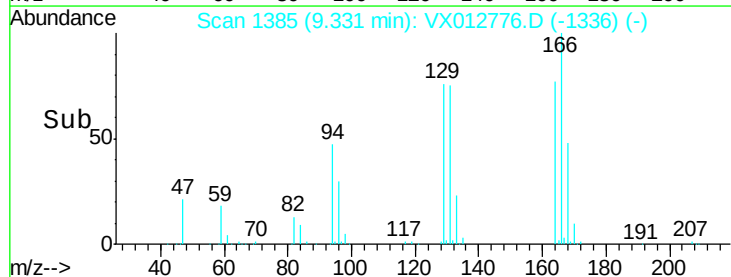
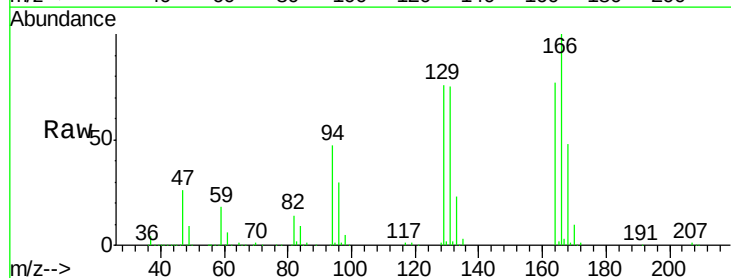
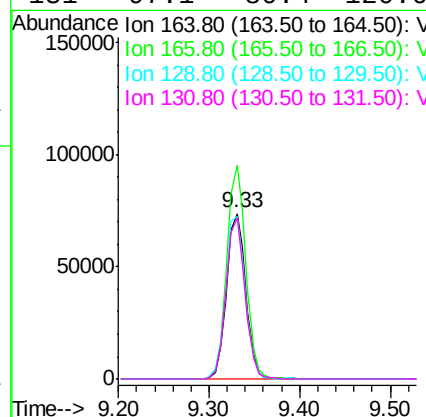
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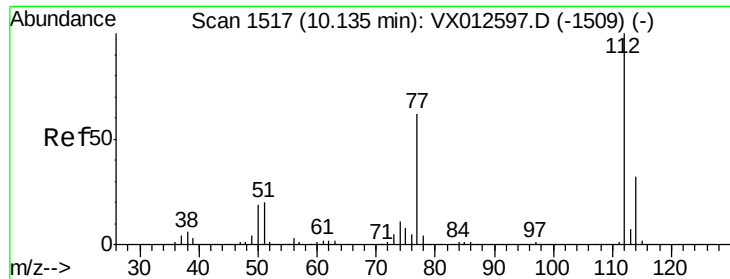
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#64
Tetrachloroethene
Concen: 58.873 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108831		
166	129.1	107.8	161.6	
129	98.2	86.2	129.2	
131	97.1	80.4	120.6	





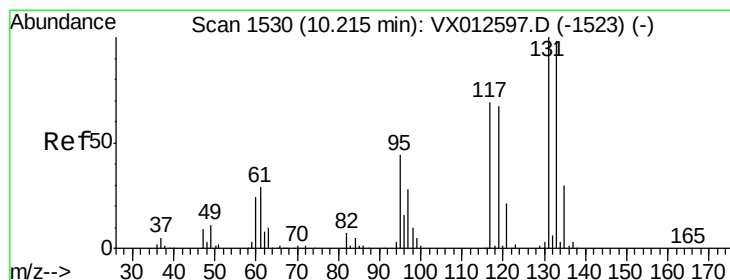
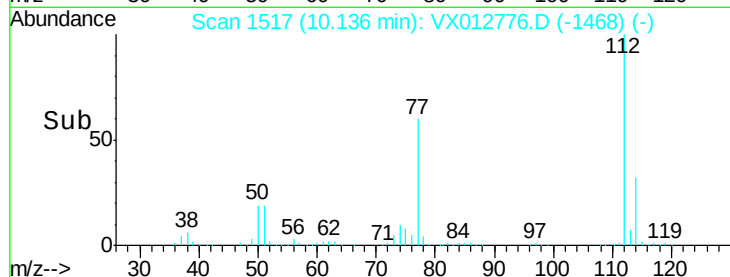
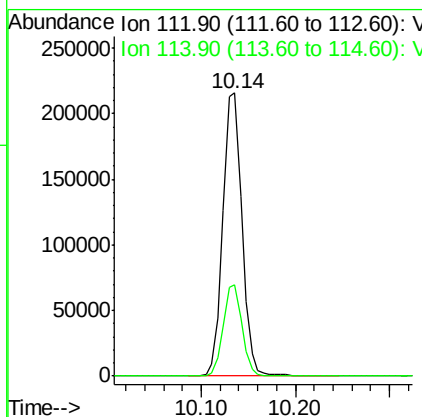
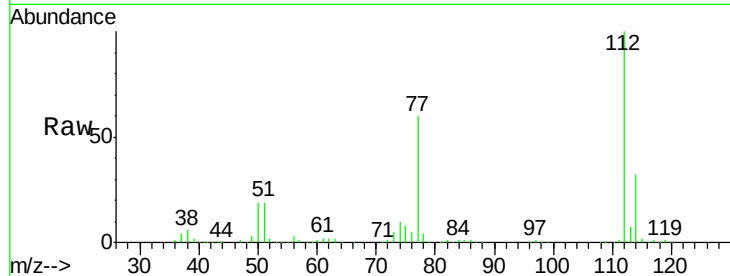
#65
Chlorobenzene
Concen: 54.626 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 304988
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

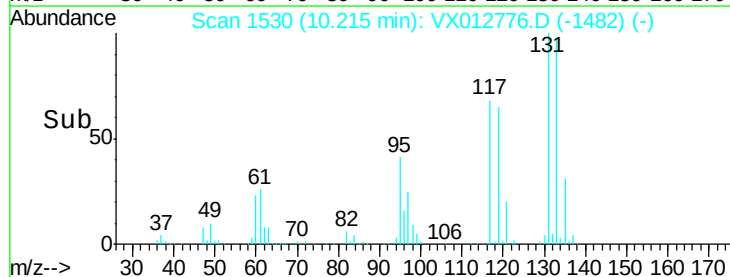
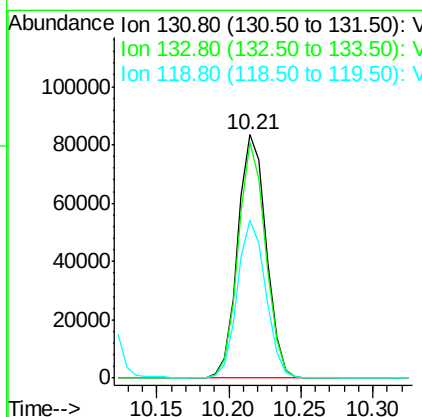
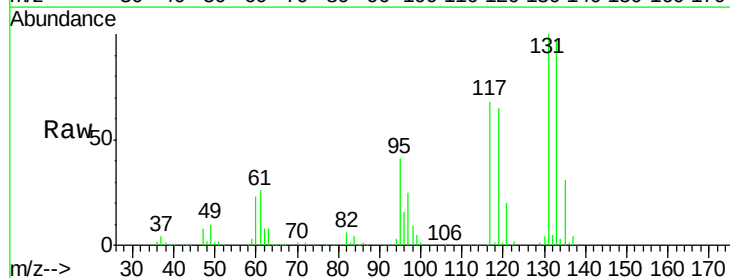
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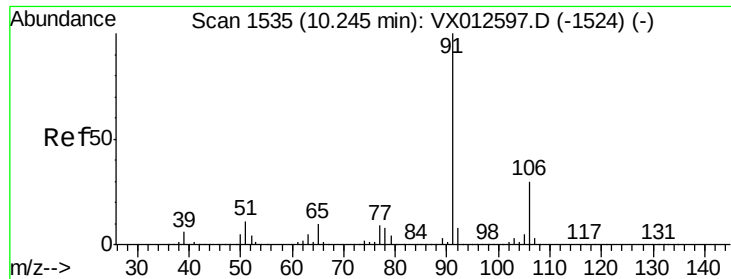
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.756 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion:131 Resp: 114814
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.9
119 64.6 31.3 93.8





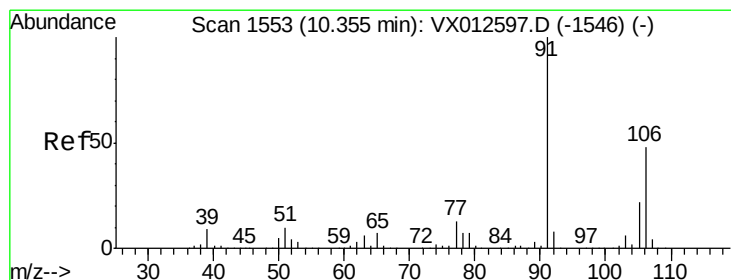
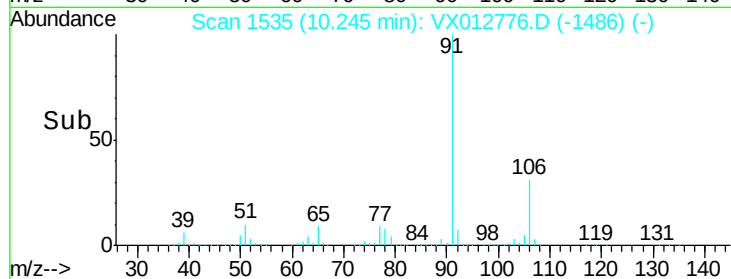
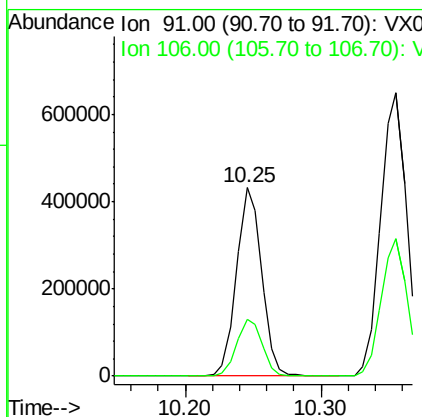
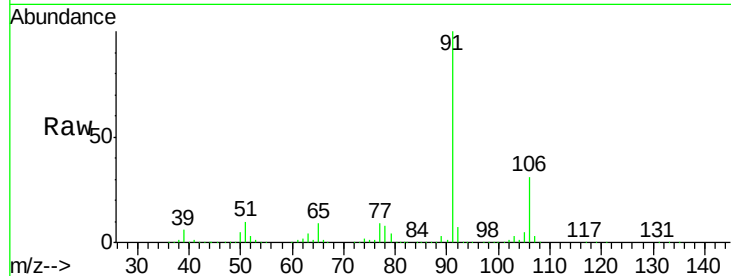
#67
Ethyl Benzene
Concen: 54.963 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 556580
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

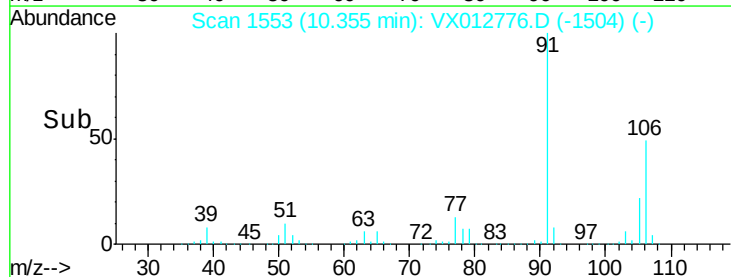
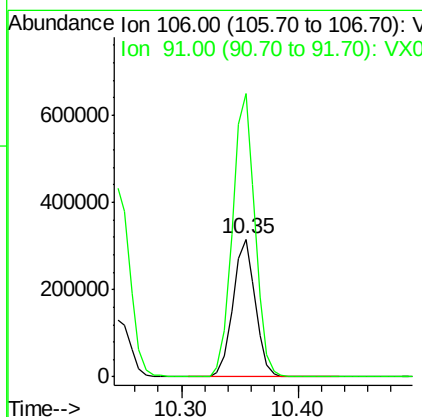
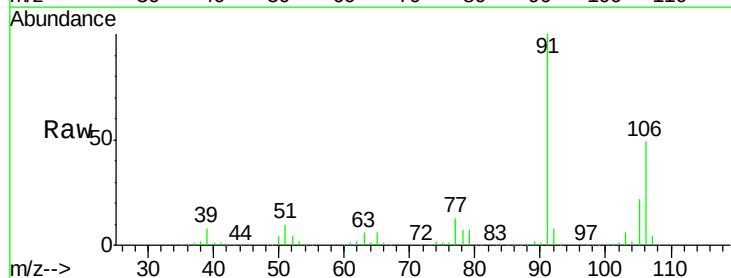
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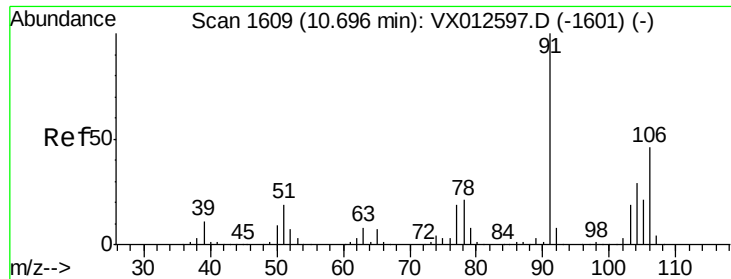
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#68
m/p-Xylenes
Concen: 111.307 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 106 Resp: 422230
Ion Ratio Lower Upper
106 100
91 206.8 166.6 250.0





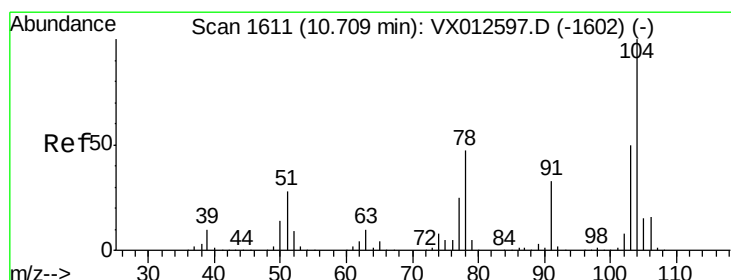
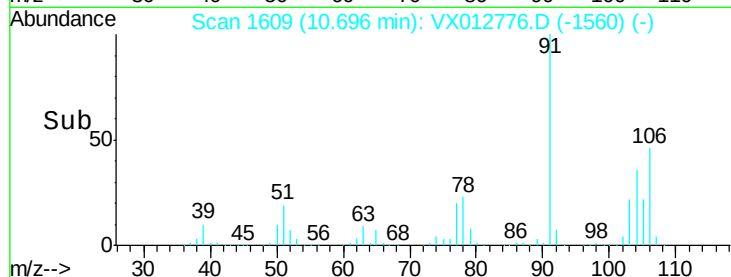
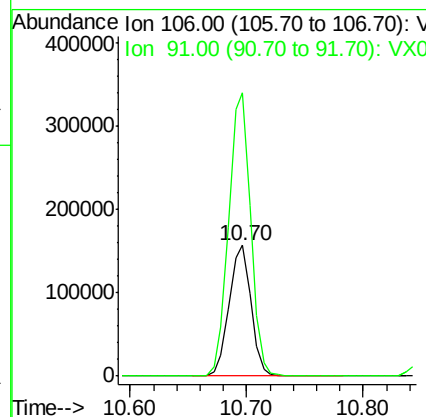
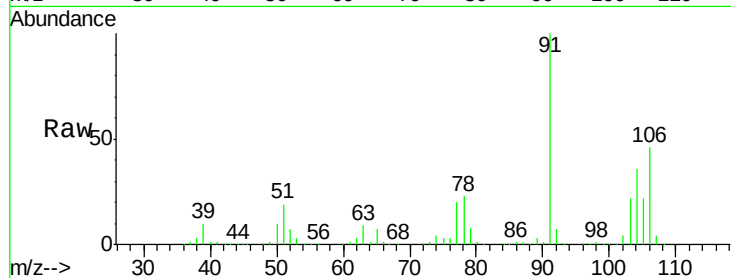
#69
o-Xylene
Concen: 55.653 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.3	109.4	328.2

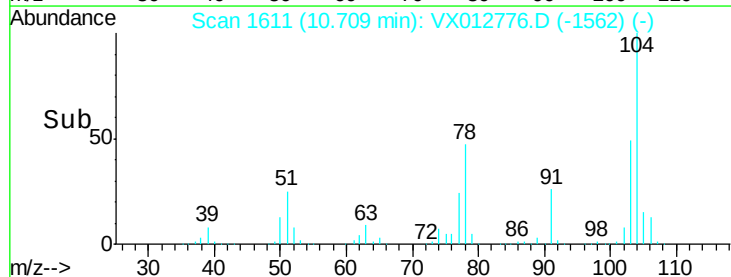
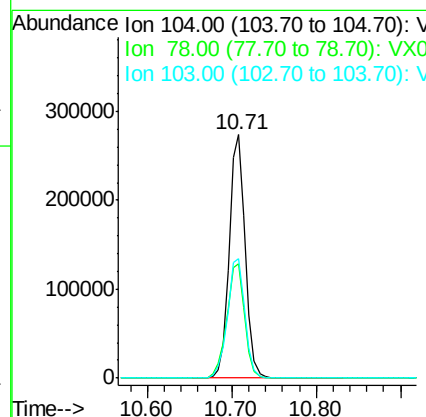
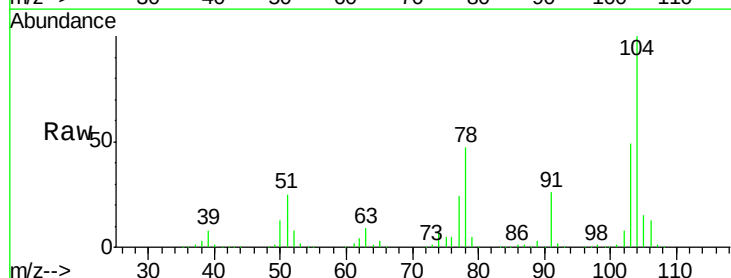
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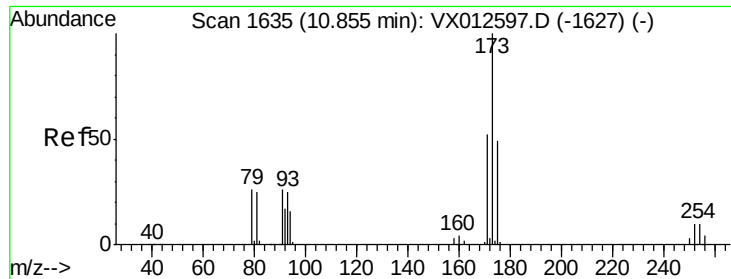
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#70
Styrene
Concen: 57.994 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.7	43.4	65.2
103	53.8	43.3	64.9





#71

Bromoform

Concen: 58.375 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 82226

Ion Ratio Lower Upper

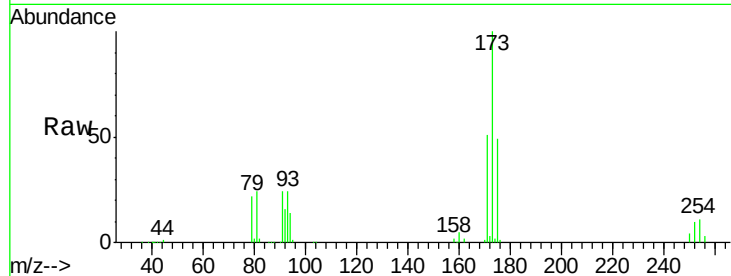
173 100

175 48.2 23.7 71.1

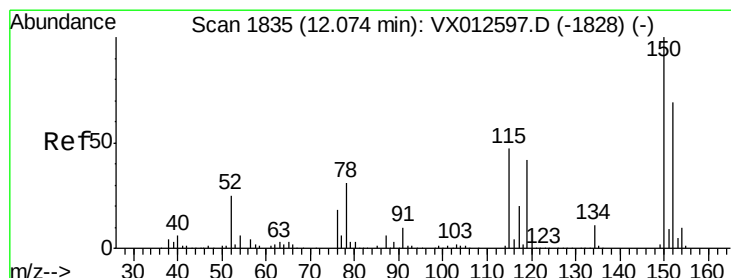
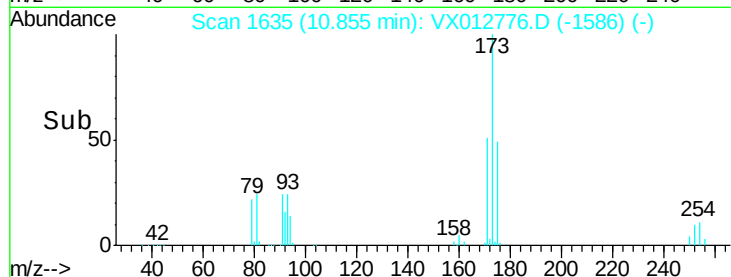
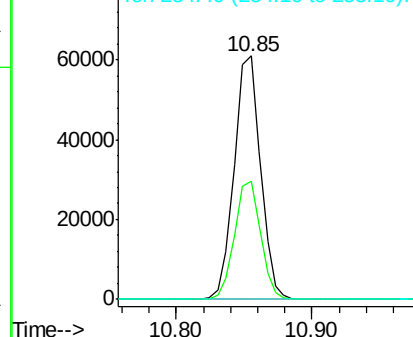
254 0.0 0.1 0.1#

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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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

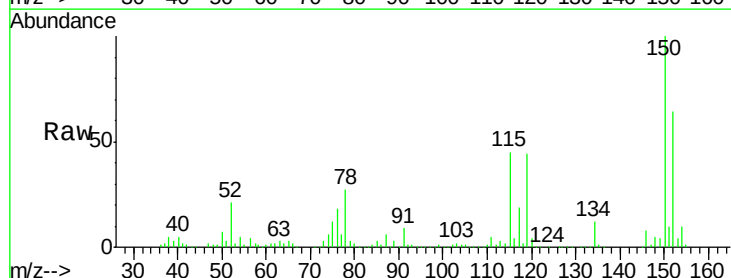
Tgt Ion:152 Resp: 127766

Ion Ratio Lower Upper

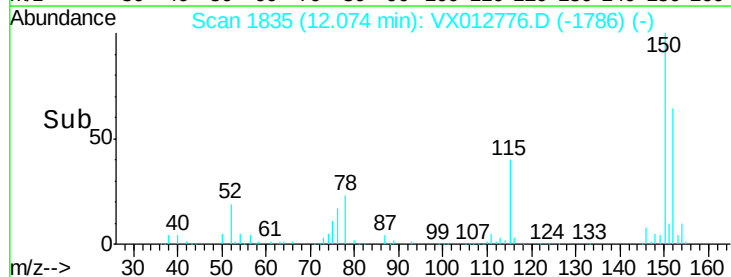
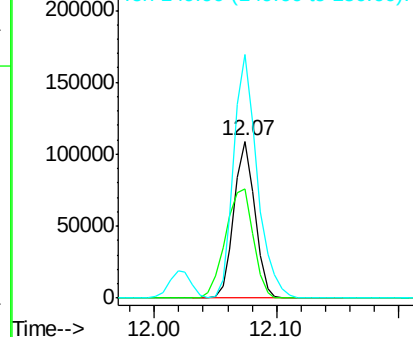
152 100

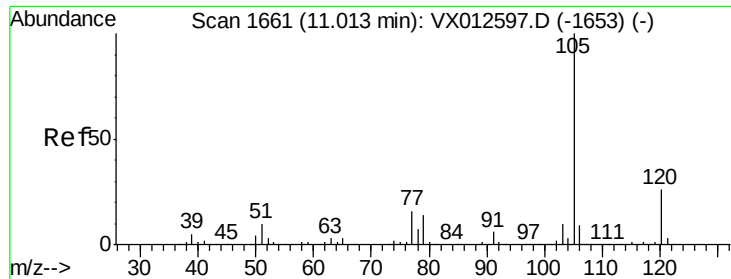
115 93.3 44.1 132.3

150 176.0 0.0 343.8



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





#73

Isopropylbenzene

Concen: 53.227 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 553882

Ion Ratio Lower Upper

105 100

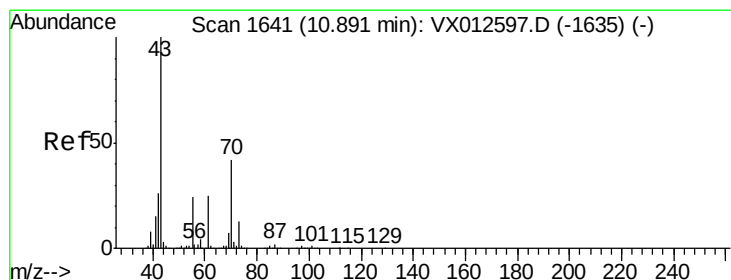
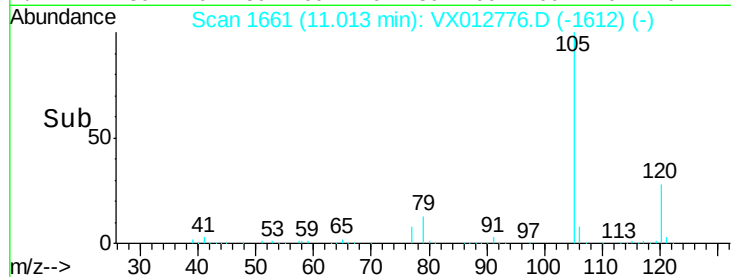
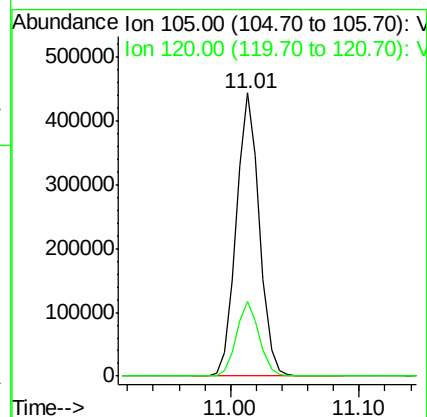
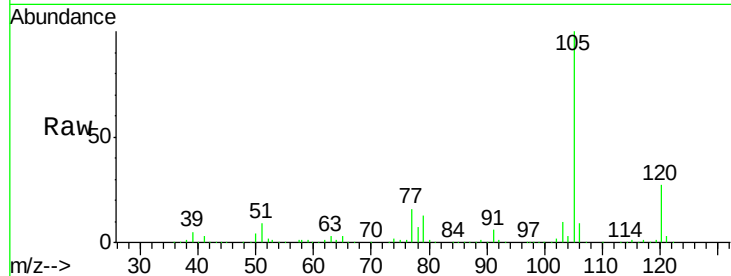
120 26.1 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.432 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion: 43 Resp: 245401

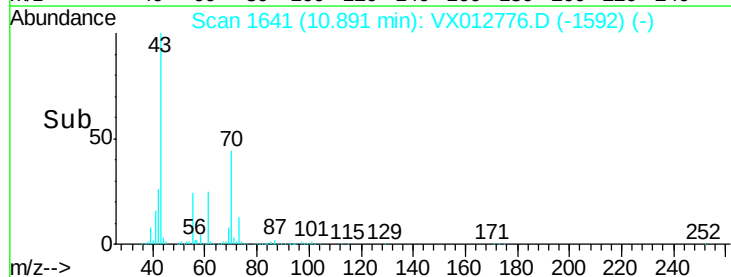
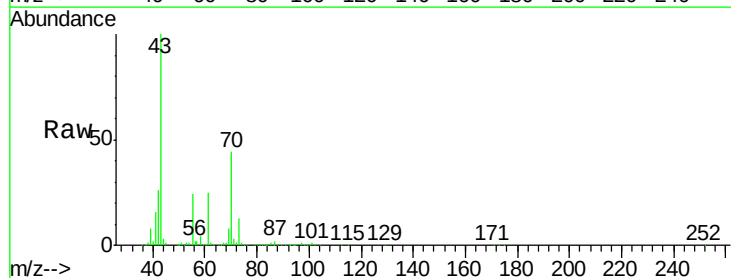
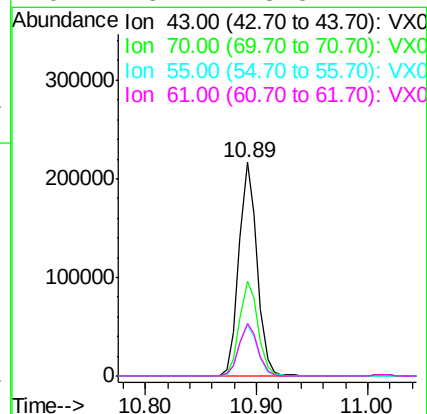
Ion Ratio Lower Upper

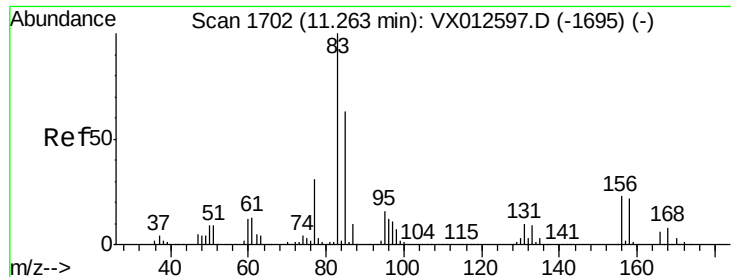
43 100

70 45.0 32.4 48.6

55 24.4 18.2 27.4

61 25.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.244 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

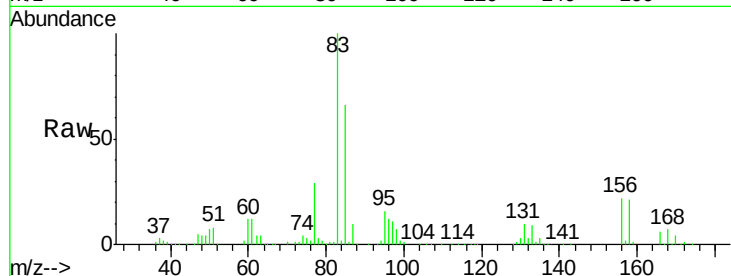
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183497
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	63.5	32.0	96.0

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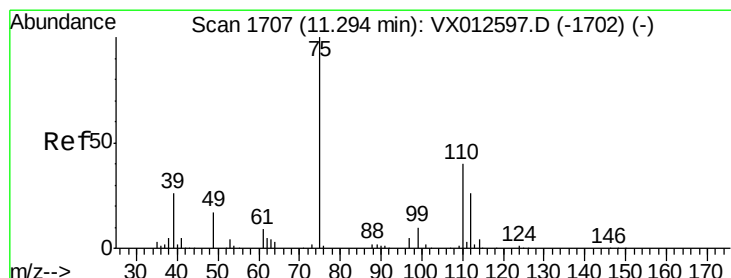
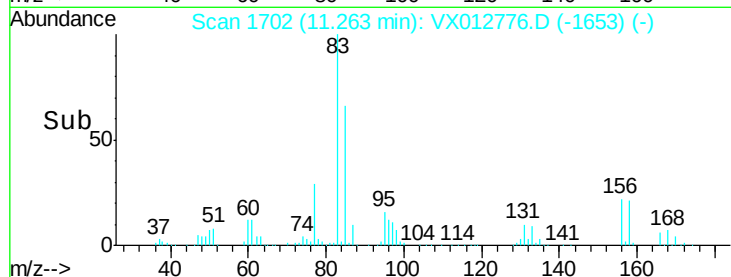
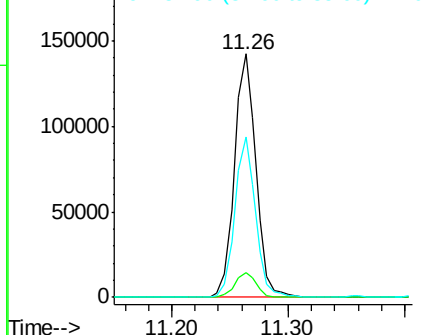
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.265 ug/l m

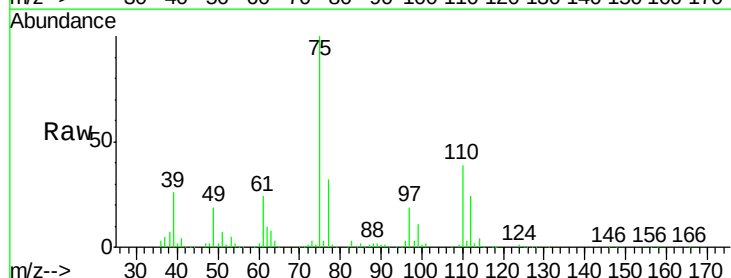
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012776.D

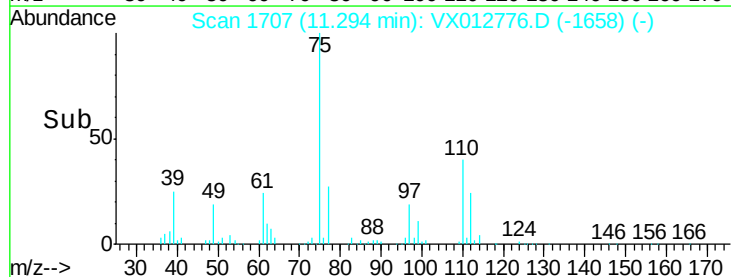
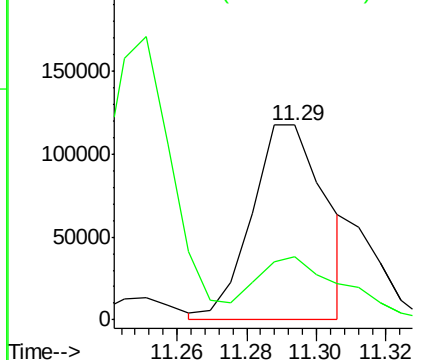
Acq: 03 Oct 2019 11:10

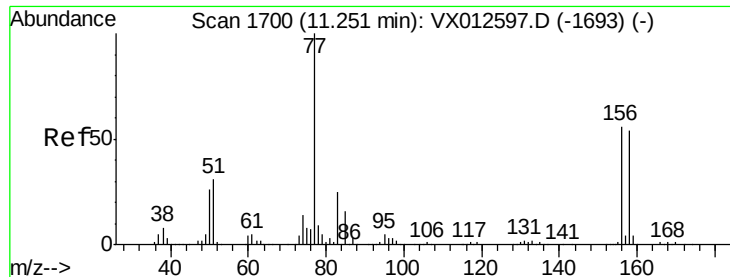
Tgt Ion:	75	Resp:	173262
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.159 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

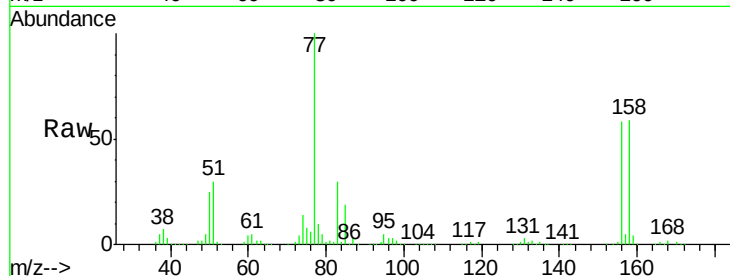
ClientSampled :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.0	87.3	261.8
158	99.4	48.5	145.6

Manual Integrations
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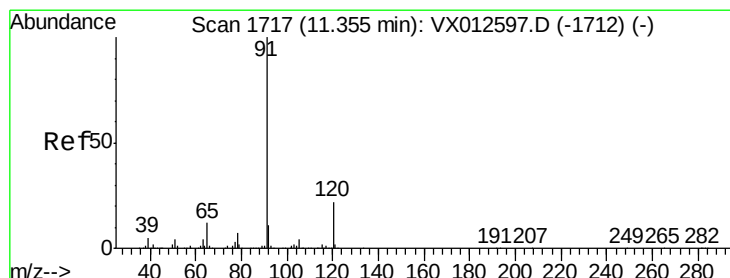
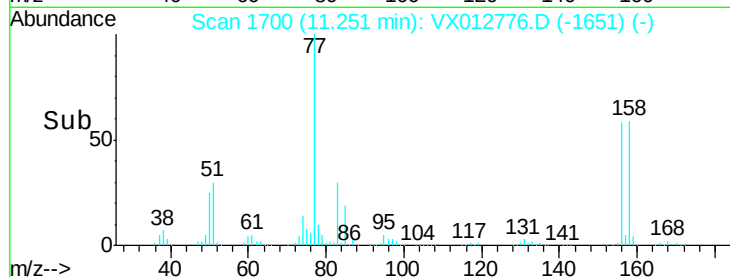
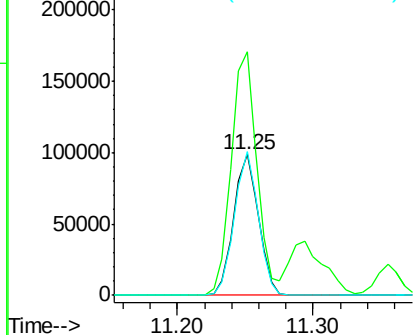
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.233 ug/l

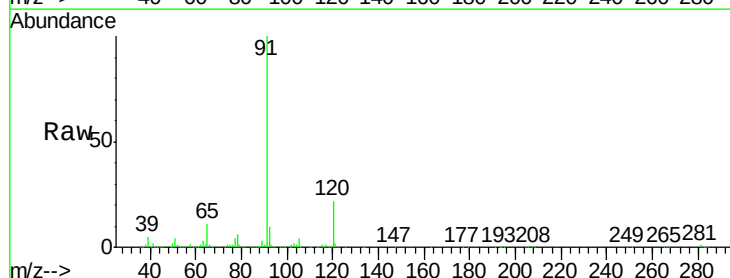
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012776.D

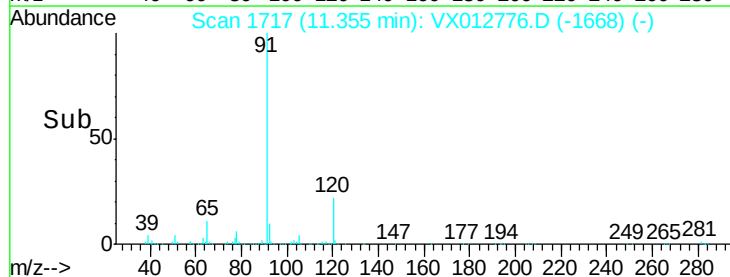
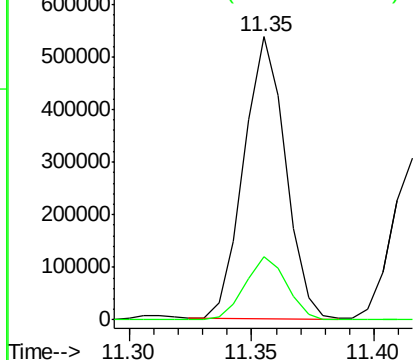
Acq: 03 Oct 2019 11:10

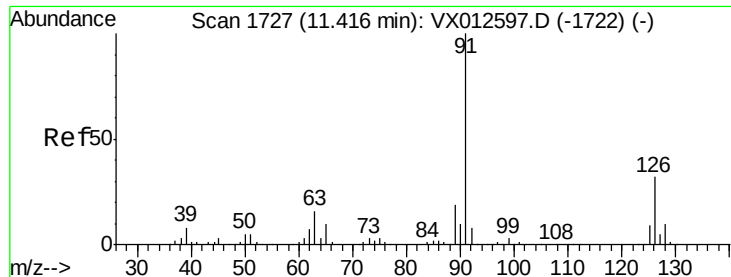
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.011 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 372806

Ion Ratio Lower Upper

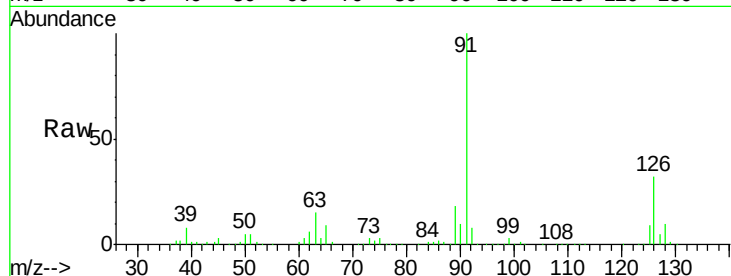
91 100

126 32.2 16.4 49.4

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Abundance Ion 91.00 (90.70 to 91.70): VX012597.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012597.D (-1722) (-)

600000

500000

400000

300000

200000

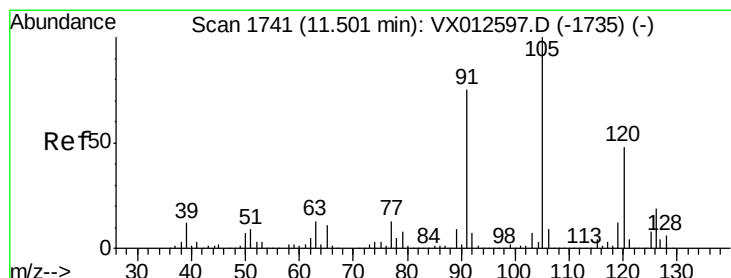
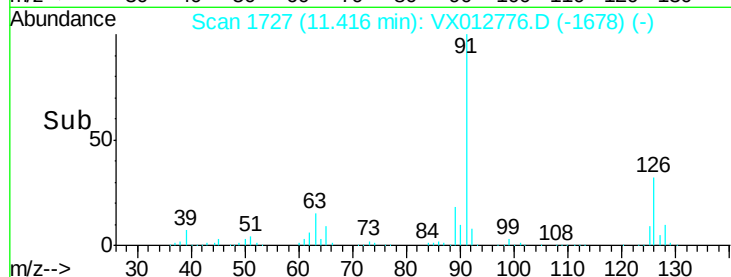
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.754 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012776.D

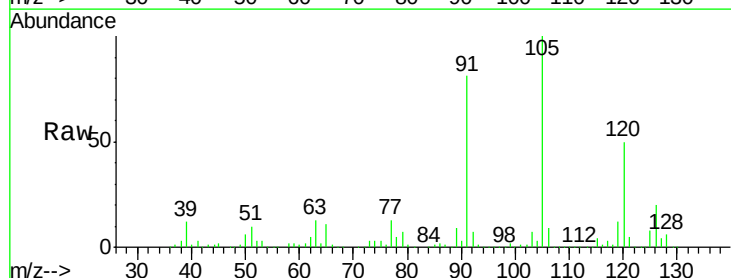
Acq: 03 Oct 2019 11:10

Tgt Ion: 105 Resp: 460348

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012597.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012597.D (-1735) (-)

400000

300000

200000

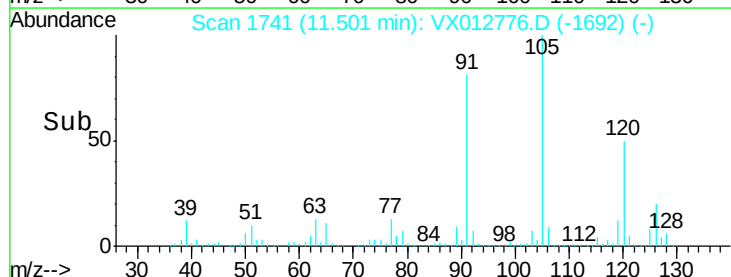
100000

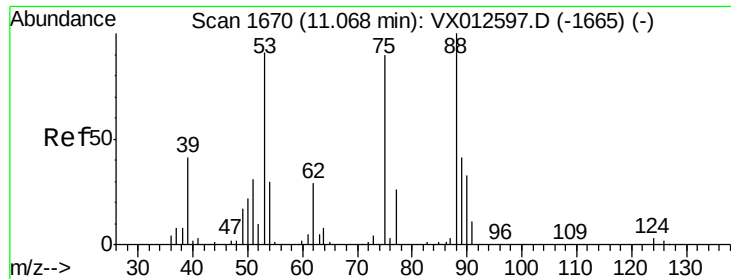
0

11.50

11.60

Time-->





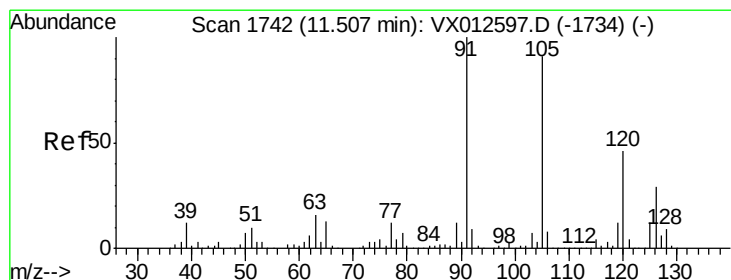
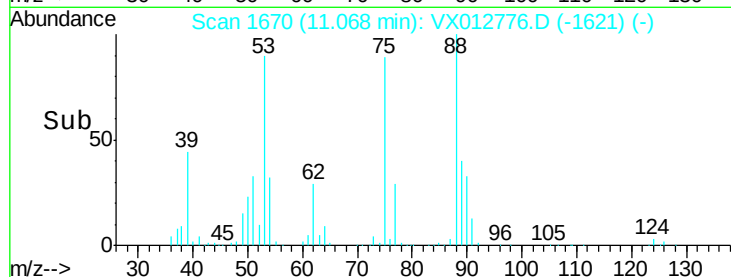
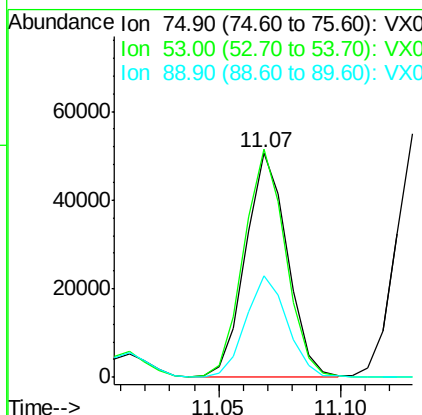
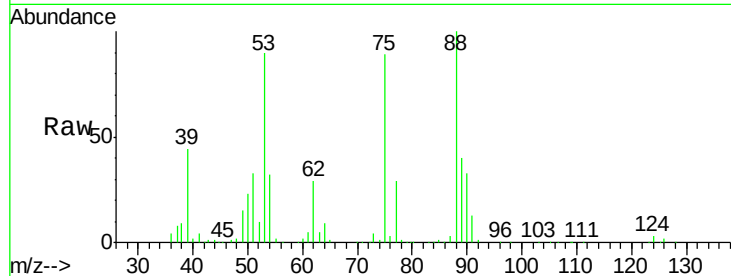
#81
trans-1,4-Dichloro-2-butene
Concen: 50.664 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.6	83.6	125.4
89	45.2	36.3	54.5

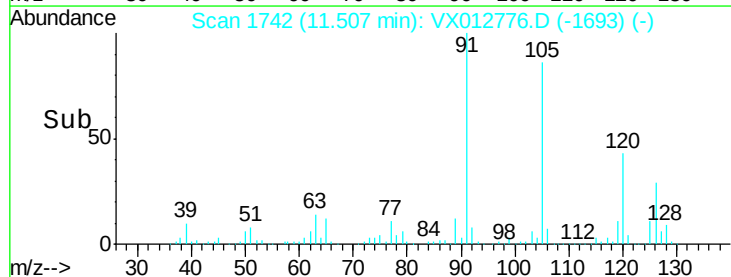
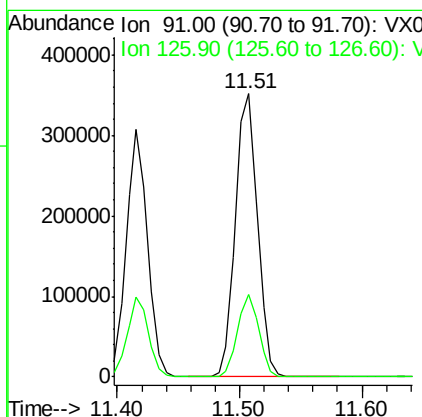
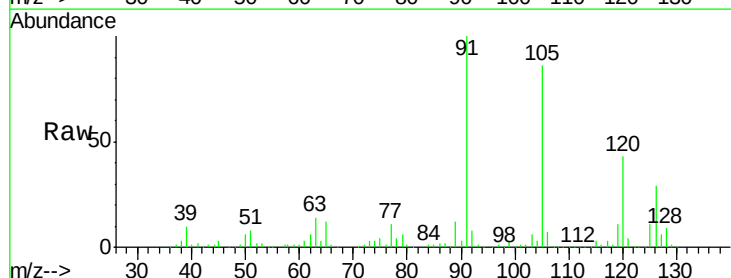
Manual Integrations
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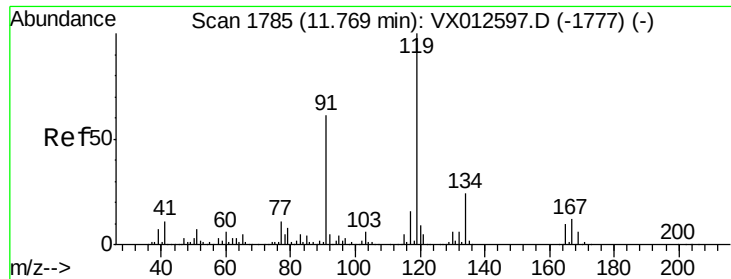
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.385 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	14.4	43.0





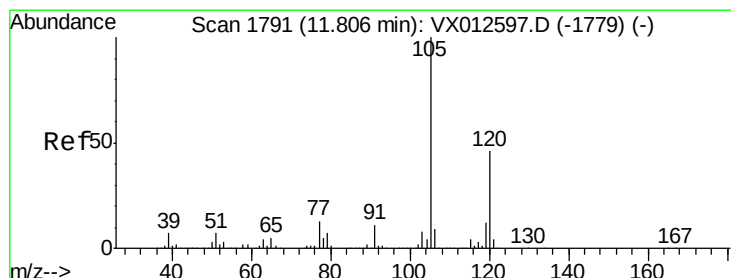
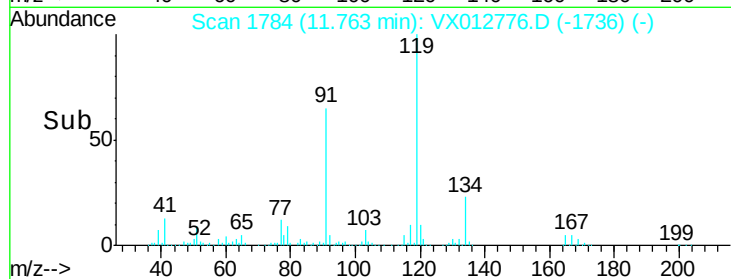
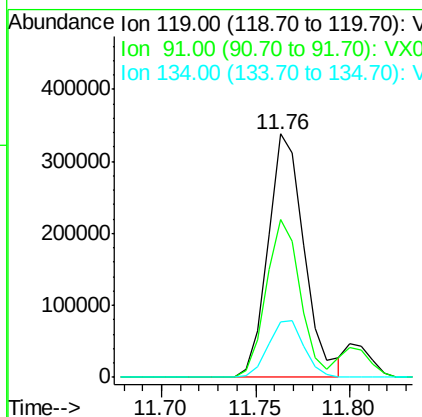
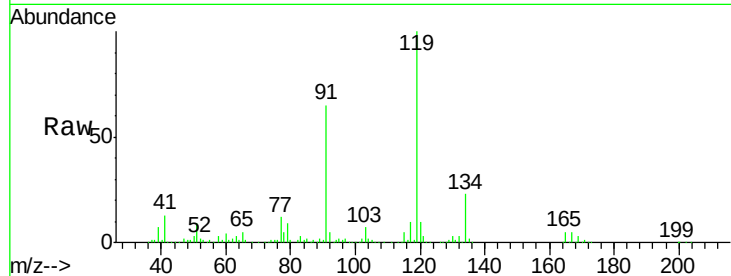
#83
 tert-Butylbenzene
 Concen: 53.378 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	449326		
91	61.1	30.0	90.0	
134	23.2	11.3	33.9	

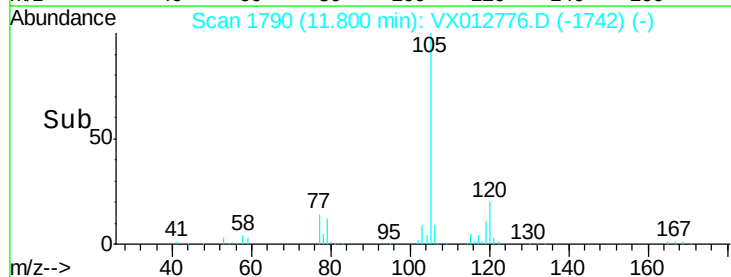
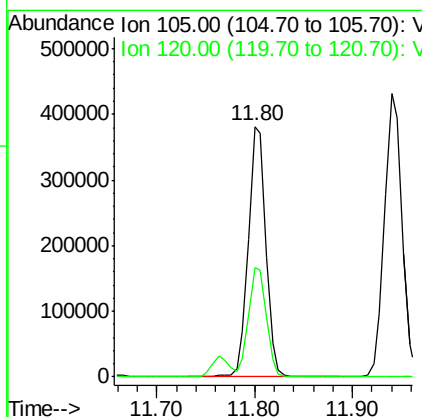
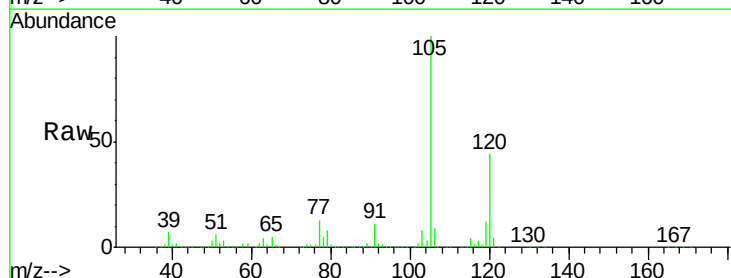
Manual Integrations
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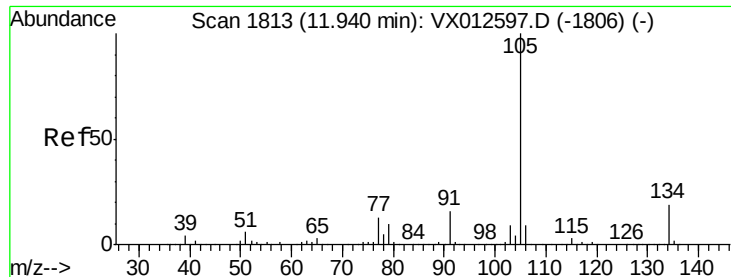
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.047 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	475777		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 55.026 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 538749

Ion Ratio Lower Upper

105 100

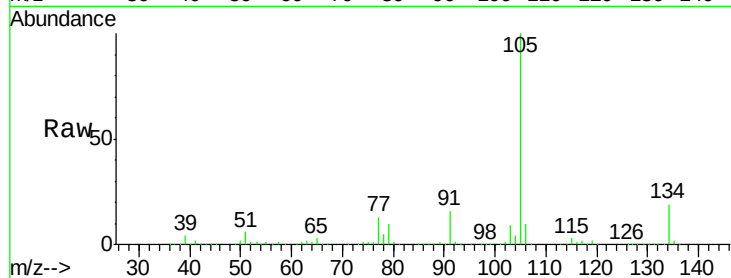
134 19.7 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

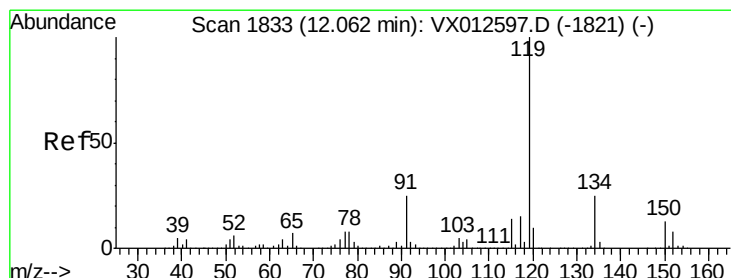
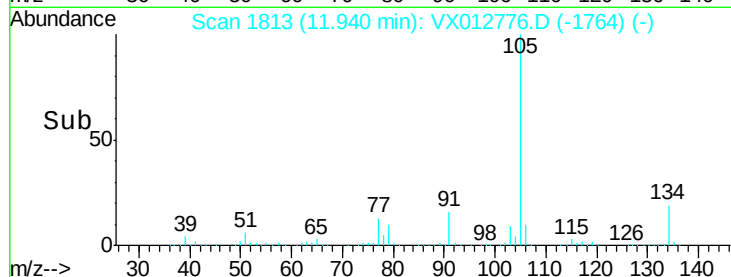
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 56.631 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

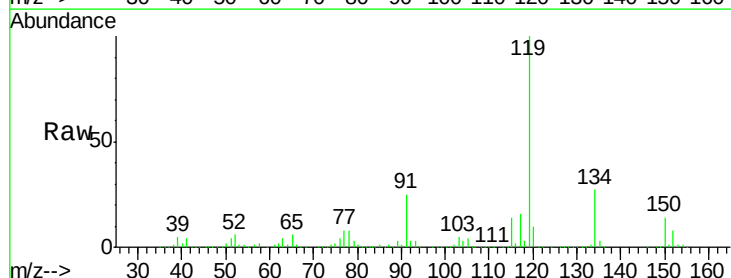
Tgt Ion:119 Resp: 500305

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 25.4 12.8 38.4



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

12.06

400000

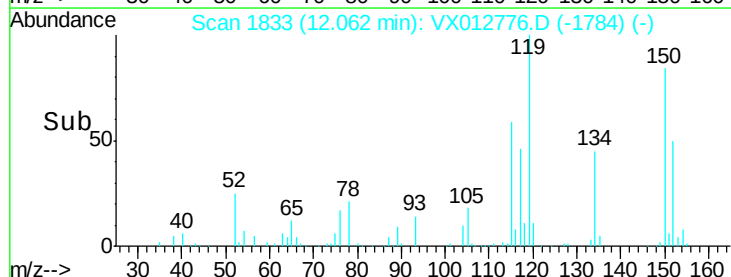
300000

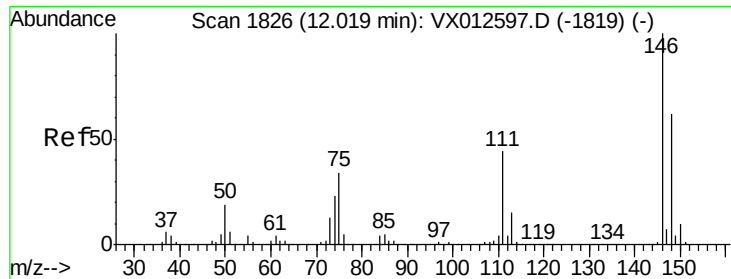
200000

100000

0

Time-->





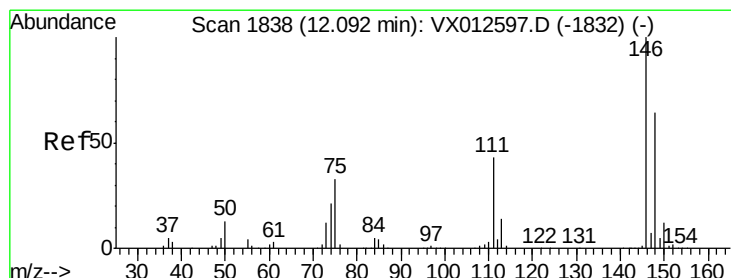
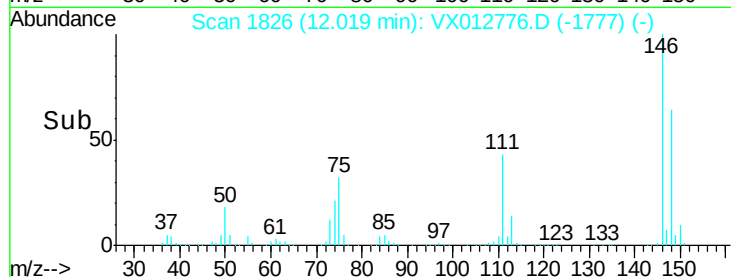
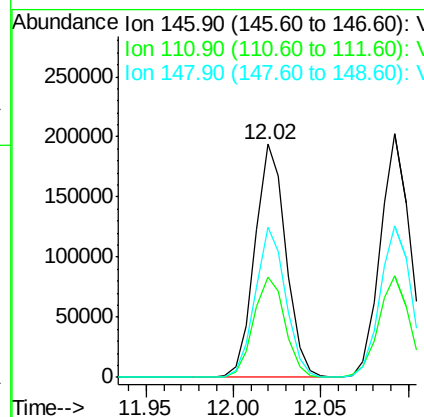
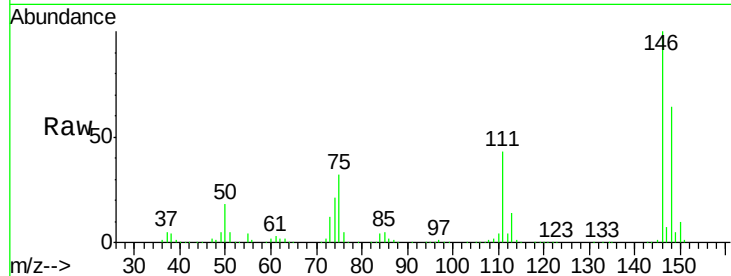
#87
 1,3-Dichlorobenzene
 Concen: 56.152 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.3	64.0
148	63.2	32.4	97.2

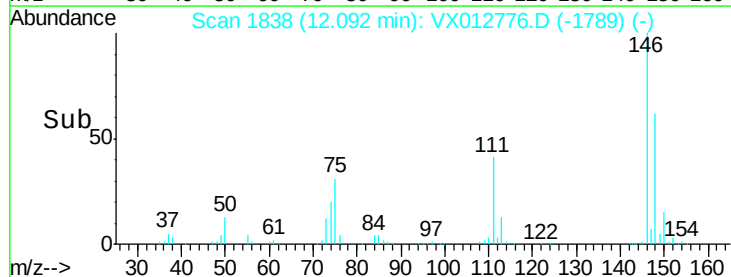
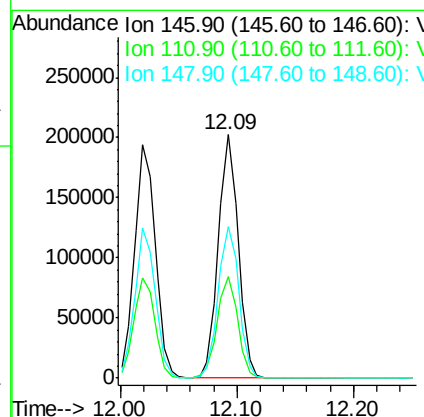
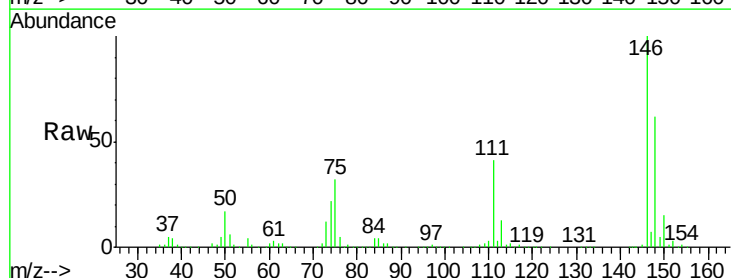
Manual Integrations
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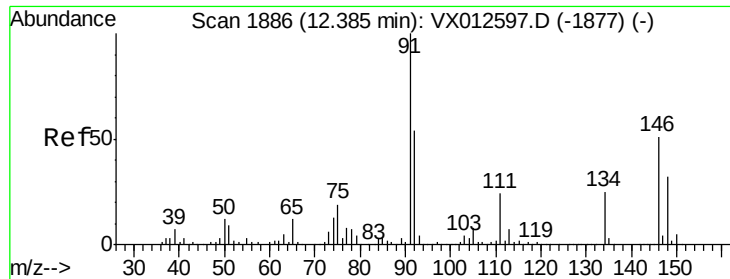
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#88
 1,4-Dichlorobenzene
 Concen: 55.733 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.3
148	64.8	32.1	96.5





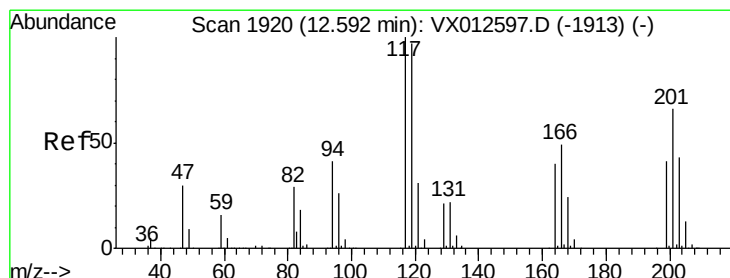
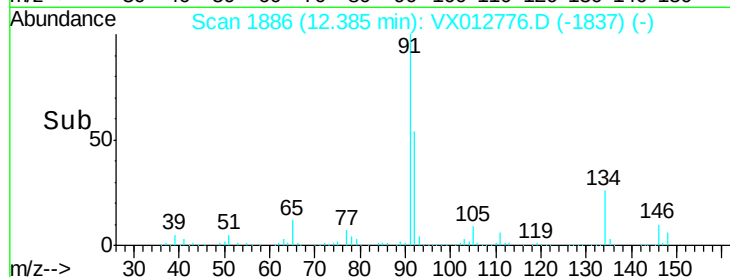
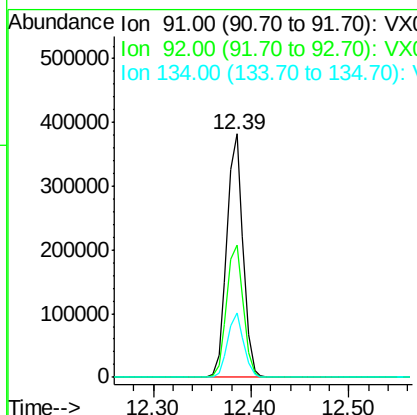
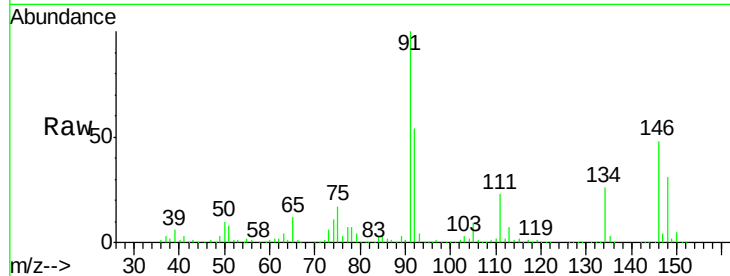
#89
n-Butylbenzene
Concen: 56.370 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 438833
Ion Ratio Lower Upper
91 100
92 56.2 27.7 83.0
134 26.1 12.9 38.6

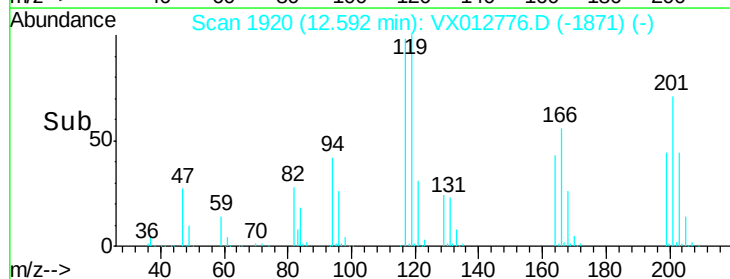
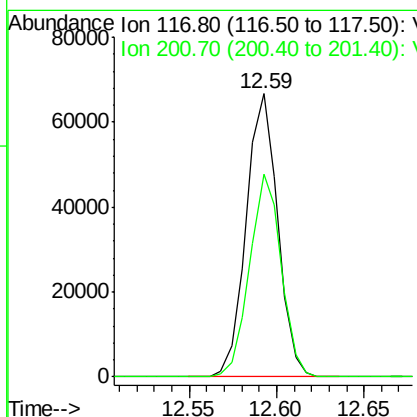
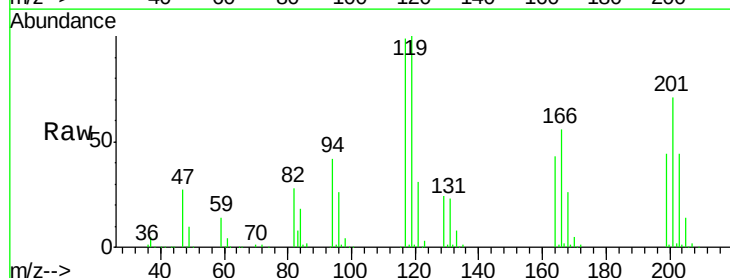
Manual Integrations
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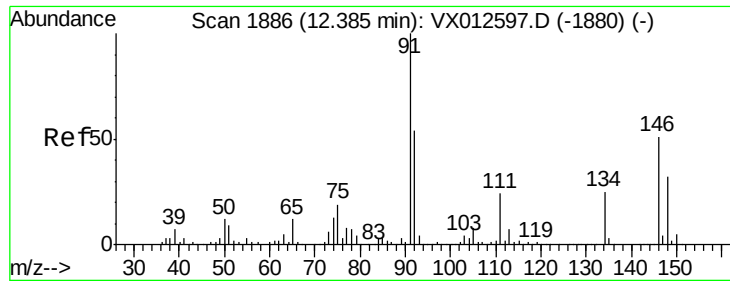
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#90
Hexachloroethane
Concen: 53.025 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012776.D
Acq: 03 Oct 2019 11:10

Tgt Ion: 117 Resp: 83514
Ion Ratio Lower Upper
117 100
201 71.8 33.3 99.8





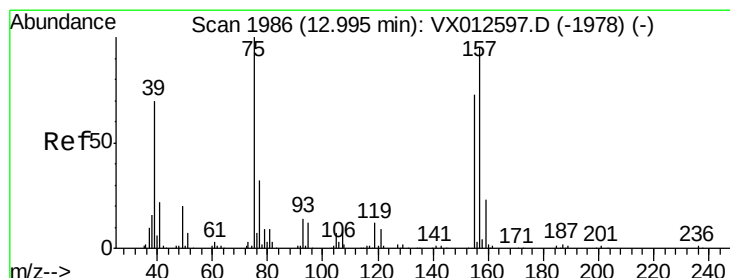
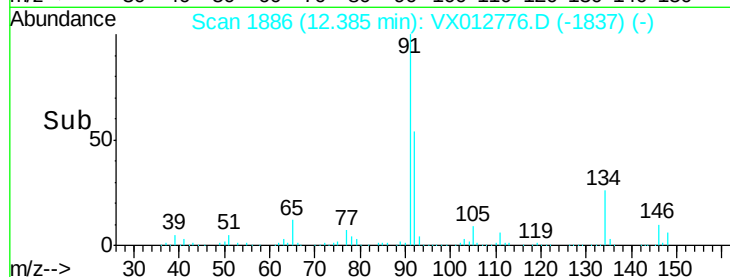
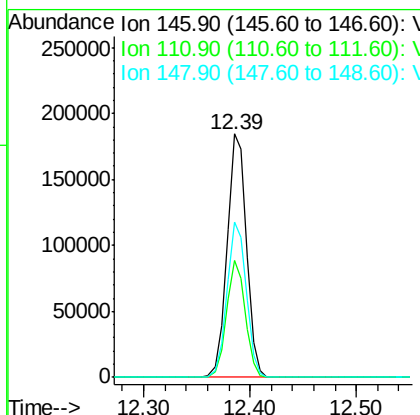
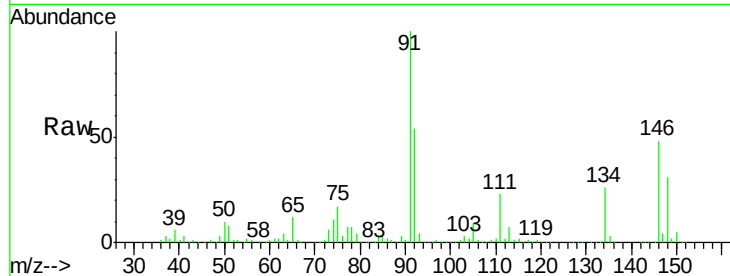
#91
 1,2-Dichlorobenzene
 Concen: 55.361 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.1	66.1
148	63.5	31.3	93.9

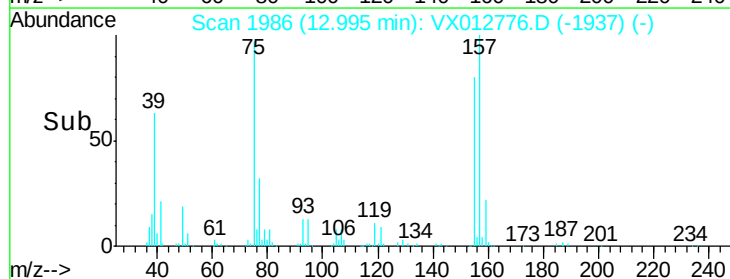
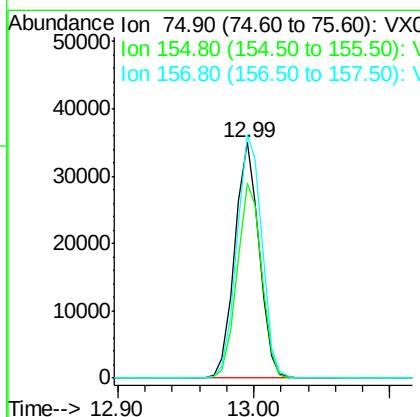
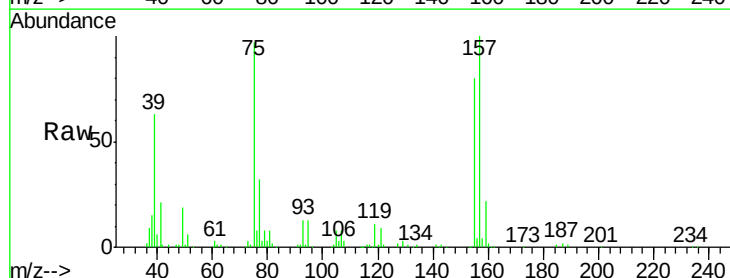
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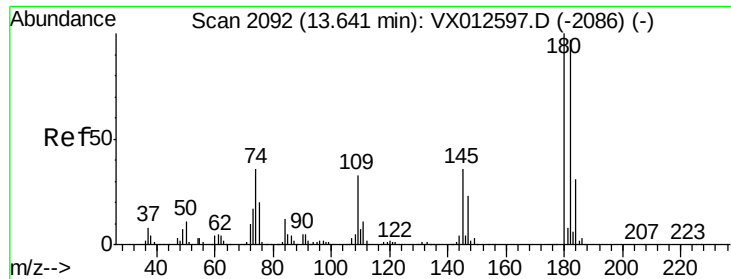
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 10/4/2019 9:18:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.638 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	38.6	115.8
157	105.6	50.6	151.9





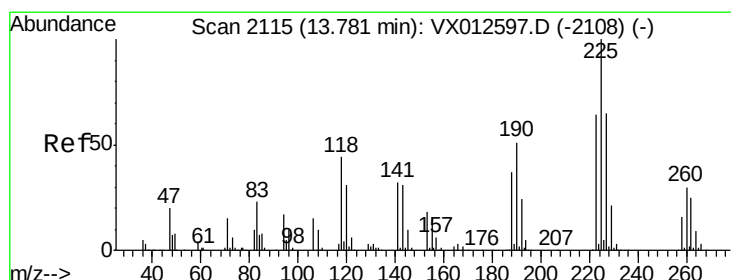
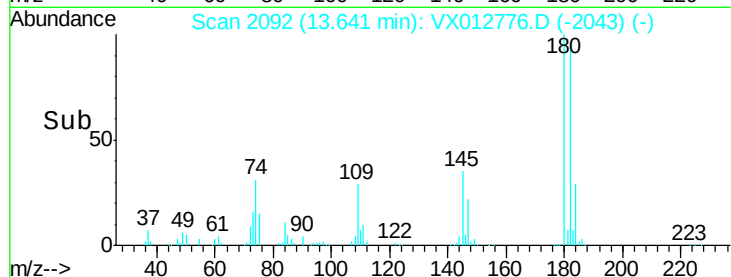
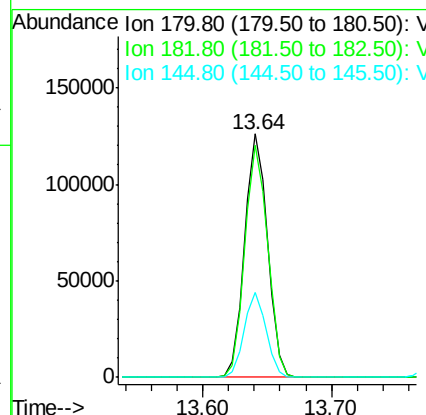
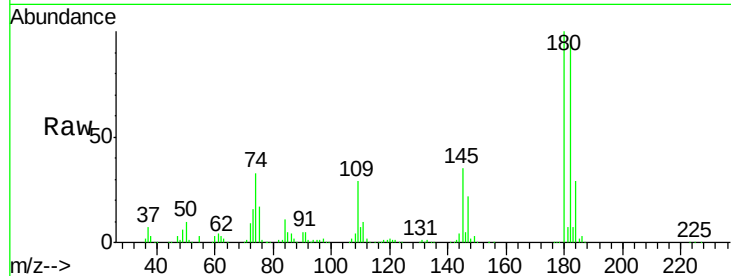
#93
 1,2,4-Trichlorobenzene
 Concen: 59.719 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	154541		
182	95.6	47.0	141.0	
145	33.6	16.8	50.4	

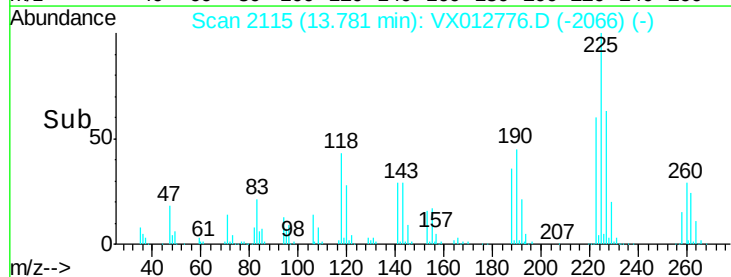
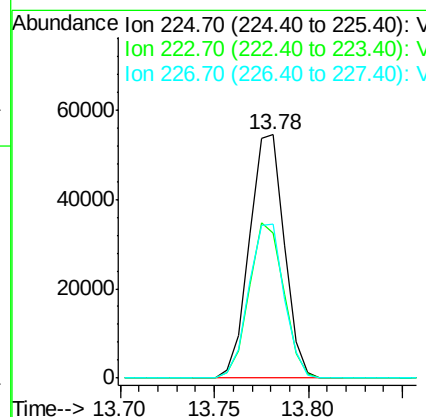
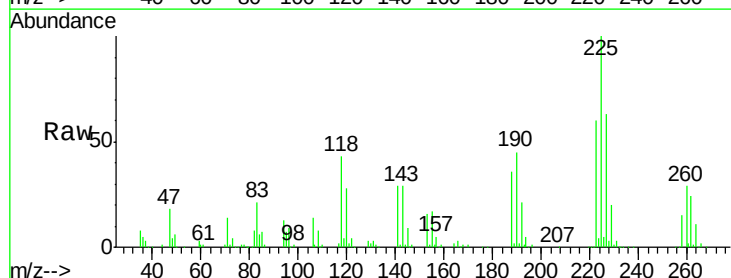
Manual Integrations
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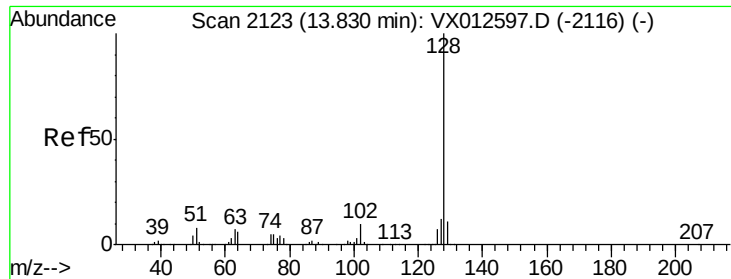
MMDadoda
 10/4/2019 9:18:11 AM



#94
 Hexachlorobutadiene
 Concen: 62.752 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012776.D
 Acq: 03 Oct 2019 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69860		
223	63.3	32.0	96.2	
227	64.2	31.9	95.5	





#95

Naphthalene

Concen: 56.550 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Instrument :

MSVOA_X

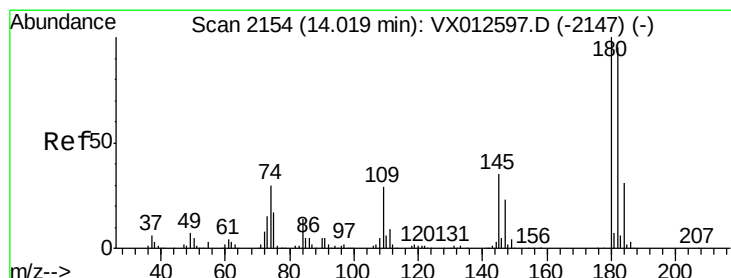
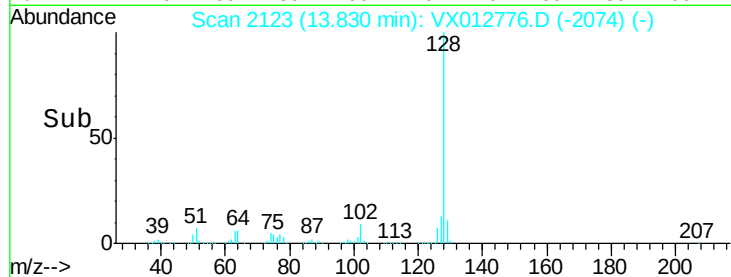
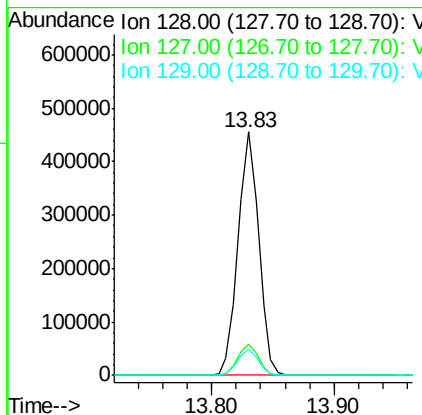
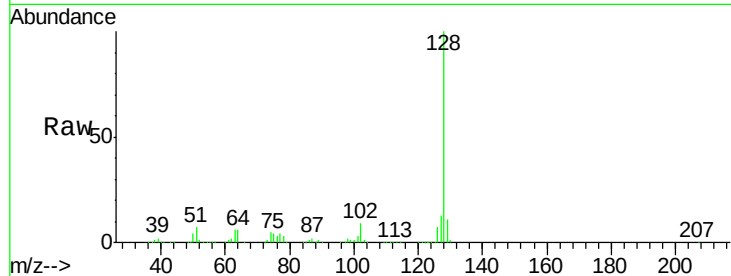
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	529463
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/4/2019 9:18:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 58.785 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012776.D

Acq: 03 Oct 2019 11:10

Tgt Ion:	180	Resp:	152386
Ion Ratio		Lower	Upper
180	100		
182	95.1	47.1	141.3
145	36.6	18.0	54.0

