

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\
 Data File : VX011890.D
 Acq On : 30 Aug 2019 00:25
 Operator : SY/SP
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX082919

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:20 AM

Quant Time: Aug 30 02:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	352531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	509933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	482835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	277111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	173575	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	5.48	113	161634	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	576894	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	235968	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99923	46.963	ug/l	99
3) Chloromethane	1.31	50	126875	51.439	ug/l	100
4) Vinyl Chloride	1.39	62	119061	50.551	ug/l	97
5) Bromomethane	1.62	94	87113	53.455	ug/l	100
6) Chloroethane	1.71	64	76651	52.291	ug/l	95
7) Trichlorofluoromethane	1.92	101	207445	50.715	ug/l	99
8) Diethyl Ether	2.17	74	75112	53.432	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134039	50.279	ug/l	99
10) Methyl Iodide	2.50	142	146596	50.339	ug/l	100
11) Tert butyl alcohol	3.03	59	86406	265.908	ug/l	99
12) 1,1-Dichloroethene	2.36	96	130283	52.619	ug/l	99
13) Acrolein	2.28	56	39388	243.537	ug/l	97
14) Allyl chloride	2.71	41	253761	54.636	ug/l	100
15) Acrylonitrile	3.13	53	214592	277.914	ug/l	99
16) Acetone	2.43	43	180827	248.827	ug/l	99
17) Carbon Disulfide	2.56	76	384246	54.104	ug/l	100
18) Methyl Acetate	2.76	43	106444	52.913	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	444498	55.415	ug/l	99
20) Methylene Chloride	2.84	84	170536	55.541	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	158511	54.348	ug/l	98
22) Diisopropyl ether	3.84	45	524810	55.349	ug/l	94
23) Vinyl Acetate	3.80	43	1725312	283.018	ug/l	99
24) 1,1-Dichloroethane	3.68	63	287181	54.924	ug/l	99
25) 2-Butanone	4.65	43	291834	275.722	ug/l	99
26) 2,2-Dichloropropane	4.57	77	222632	50.766	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	192267	55.965	ug/l	99
28) Bromochloromethane	5.00	49	121241	51.675	ug/l	100
29) Tetrahydrofuran	5.11	42	185801	281.245	ug/l	100
30) Chloroform	5.20	83	306231	54.775	ug/l	97
31) Cyclohexane	5.57	56	209274	49.621	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	265403	53.442	ug/l	100
36) 1,1-Dichloropropene	5.79	75	207694	51.411	ug/l	100
37) Ethyl Acetate	4.81	43	131858	55.139	ug/l	99
38) Carbon Tetrachloride	5.77	117	239149	51.042	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	229389	47.670	ug/l	98
40) Benzene	6.13	78	638931	52.984	ug/l	99
41) Methacrylonitrile	5.03	41	77229	54.849	ug/l	99
42) 1,2-Dichloroethane	6.18	62	221106	53.917	ug/l	100
43) Isopropyl Acetate	6.43	43	262140	54.067	ug/l	99
44) Trichloroethene	7.20	130	196386	52.635	ug/l	94
45) 1,2-Dichloropropane	7.51	63	168153	53.309	ug/l	100
46) Dibromomethane	7.65	93	101242	54.082	ug/l	99
47) Bromodichloromethane	7.89	83	248606	53.555	ug/l	99
48) Methyl methacrylate	7.76	41	129295	54.808	ug/l	99
49) 1,4-Dioxane	7.73	88	34037	1049.233	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	661883	268.728	ug/l	100
52) Toluene	8.78	92	422058	52.904	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254862	53.599	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	284552	53.310	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146579	53.485	ug/l	99
56) Ethyl methacrylate	9.17	69	205727	54.087	ug/l	99
57) 1,3-Dichloropropane	9.37	76	243383	53.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	477962	263.831	ug/l	99
59) 2-Hexanone	9.49	43	463365	264.844	ug/l	100
60) Dibromochloromethane	9.58	129	201119	54.639	ug/l	99
61) 1,2-Dibromoethane	9.66	107	147329	54.222	ug/l	99
64) Tetrachloroethene	9.33	164	201077	51.772	ug/l	99
65) Chlorobenzene	10.13	112	495595	52.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	201216	53.179	ug/l	99
67) Ethyl Benzene	10.25	91	826097	51.904	ug/l	99
68) m/p-Xylenes	10.35	106	637146	103.675	ug/l	100
69) o-Xylene	10.69	106	314011	52.434	ug/l	100
70) Styrene	10.71	104	560965	53.143	ug/l	100
71) Bromoform	10.85	173	145559	54.405	ug/l #	99
73) Isopropylbenzene	11.01	105	828419	52.029	ug/l	100
74) N-amyl acetate	10.89	43	255899	54.157	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	174650	53.597	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148739m	54.564	ug/l	
77) Bromobenzene	11.25	156	246161	53.307	ug/l	99
78) n-propylbenzene	11.35	91	935199	51.797	ug/l	99
79) 2-Chlorotoluene	11.41	91	575199	52.927	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	717602	52.215	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56037	51.642	ug/l	98
82) 4-Chlorotoluene	11.51	91	684489	52.208	ug/l	100
83) tert-Butylbenzene	11.77	119	724798	51.975	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	738074	52.403	ug/l	100
85) sec-Butylbenzene	11.94	105	828852	51.171	ug/l	100
86) p-Isopropyltoluene	12.06	119	806173	51.328	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	455368	53.059	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	456704	52.640	ug/l	100
89) n-Butylbenzene	12.38	91	701945	50.515	ug/l	99
90) Hexachloroethane	12.59	117	162094	53.346	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	422286	52.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34645	53.374	ug/l	98

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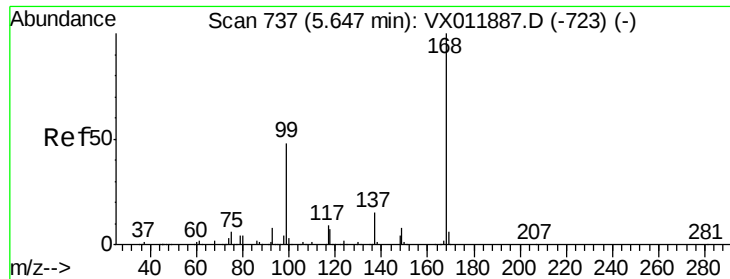
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	353820	52.663	ug/l	100
94) Hexachlorobutadiene	13.78	225	221034	49.262	ug/l	98
95) Naphthalene	13.83	128	621391	53.890	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	319484	52.585	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion:168 Resp: 352531

Ion Ratio Lower Upper

168 100

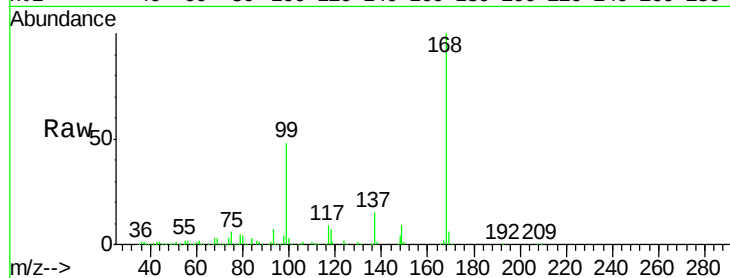
99 47.4 38.4 57.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

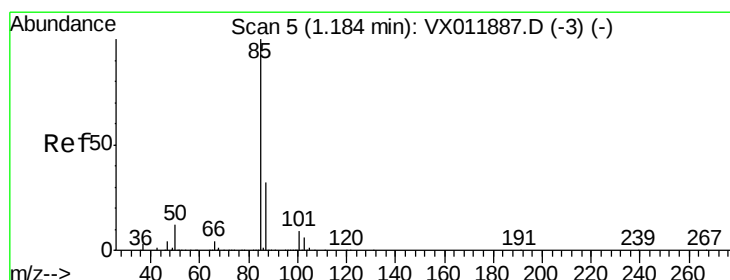
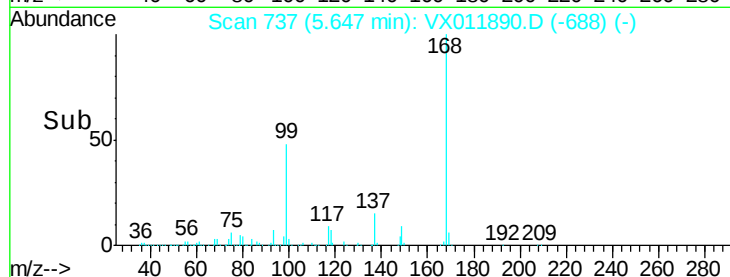
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.963 ug/l

RT: 1.18 min Scan# 5

Delta R.T. 0.00 min

Lab File: VX011890.D

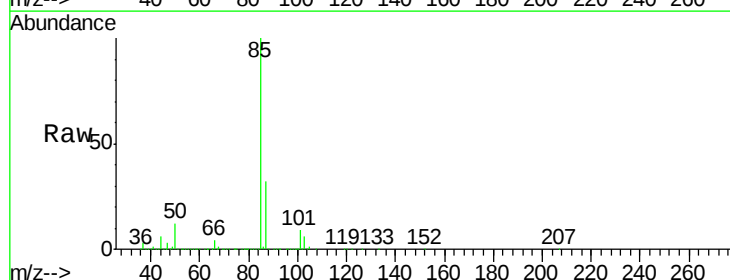
Acq: 30 Aug 2019 00:25

Tgt Ion: 85 Resp: 99923

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

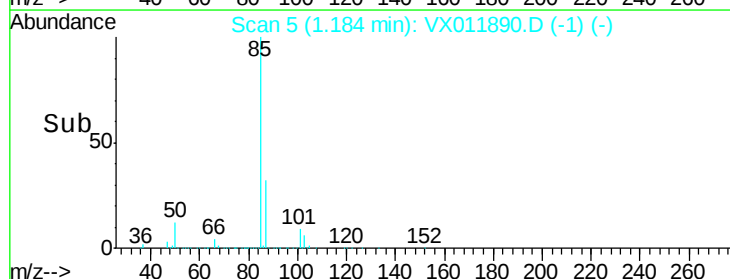
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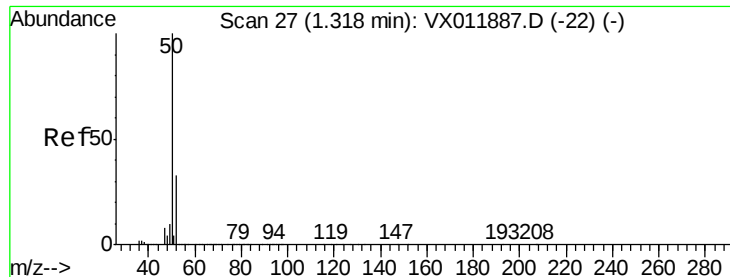
40000

20000

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Time-->





#3

Chloromethane

Concen: 51.439 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 50 Resp: 126875

Ion Ratio Lower Upper

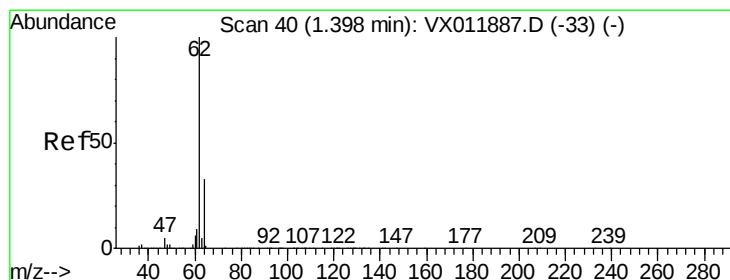
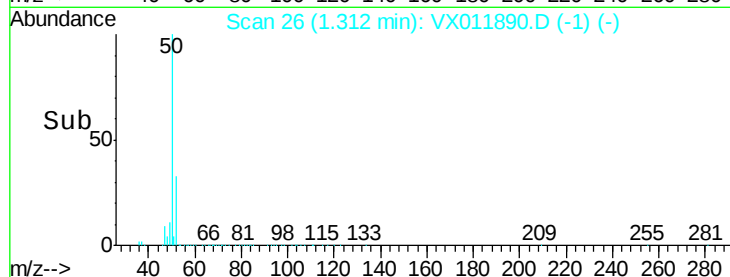
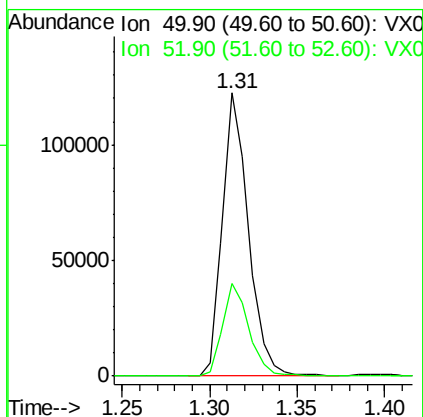
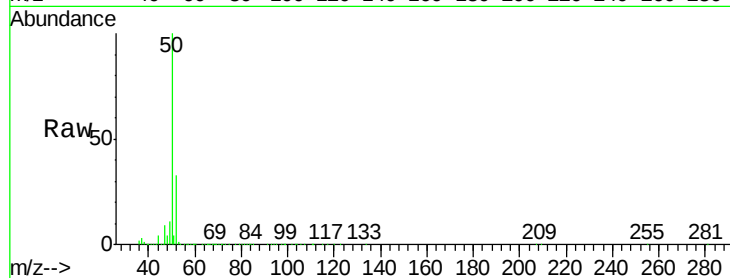
50 100

52 32.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 50.551 ug/l

RT: 1.39 min Scan# 39

Delta R.T. -0.01 min

Lab File: VX011890.D

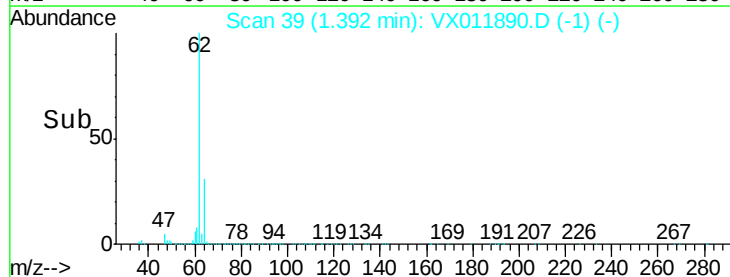
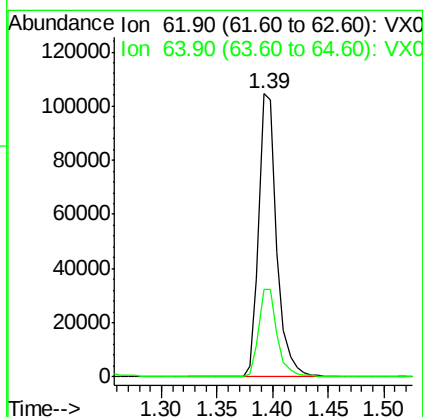
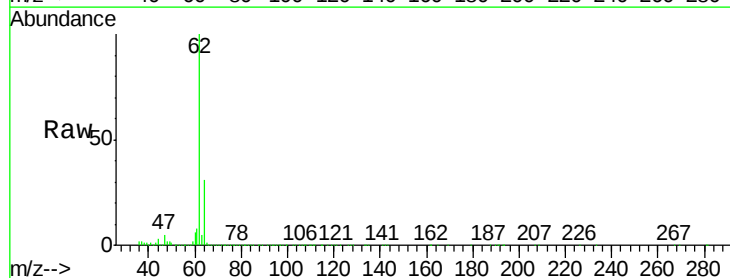
Acq: 30 Aug 2019 00:25

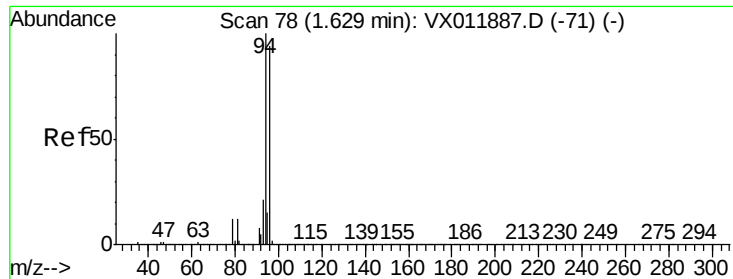
Tgt Ion: 62 Resp: 119061

Ion Ratio Lower Upper

62 100

64 30.7 26.0 39.0





#5

Bromomethane

Concen: 53.455 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 94 Resp: 87113

Ion Ratio Lower Upper

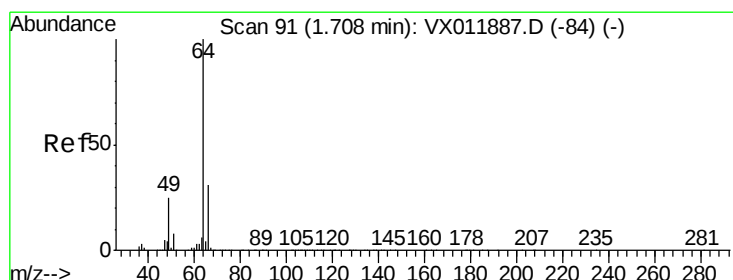
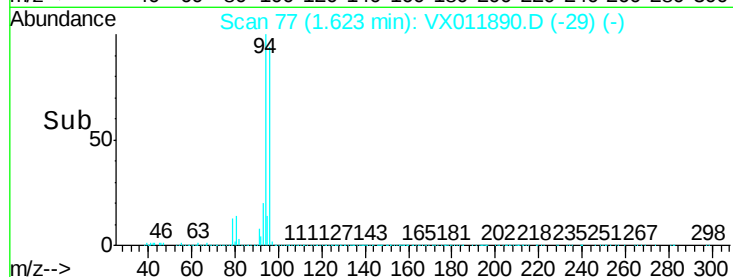
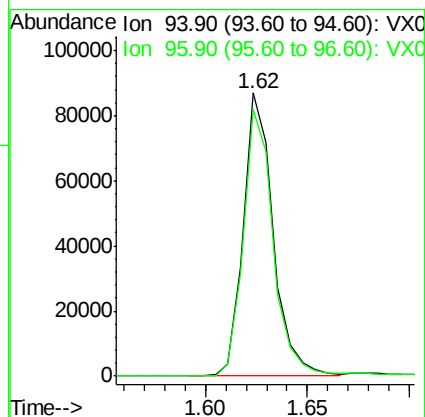
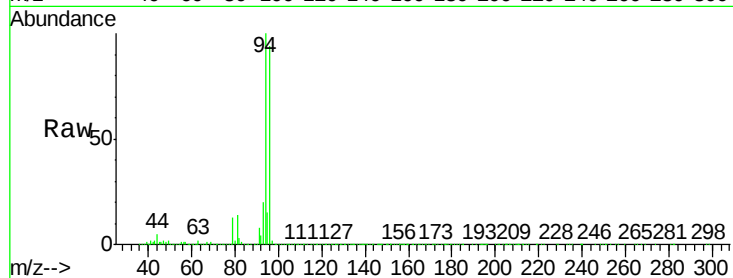
94 100

96 94.2 75.0 112.6

Manual Integrations
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#6

Chloroethane

Concen: 52.291 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX011890.D

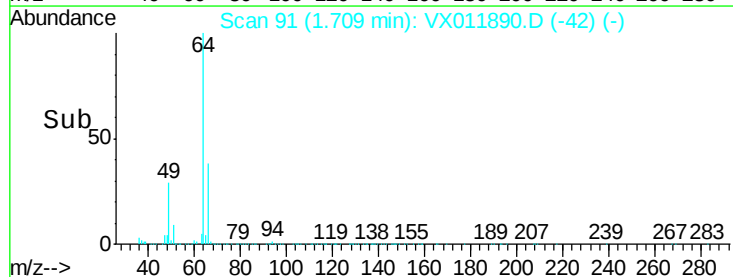
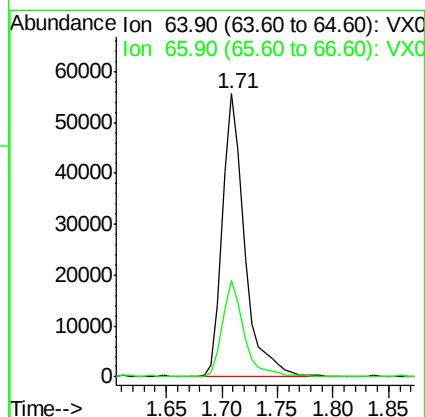
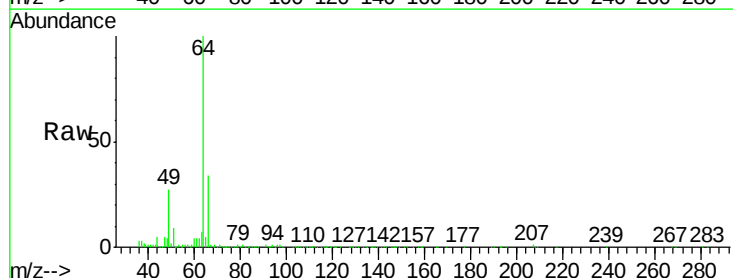
Acq: 30 Aug 2019 00:25

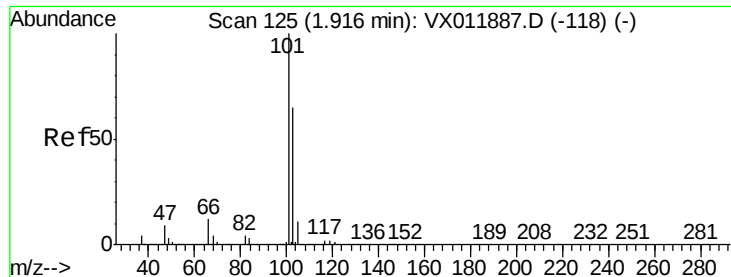
Tgt Ion: 64 Resp: 76651

Ion Ratio Lower Upper

64 100

66 33.8 25.0 37.4





#7

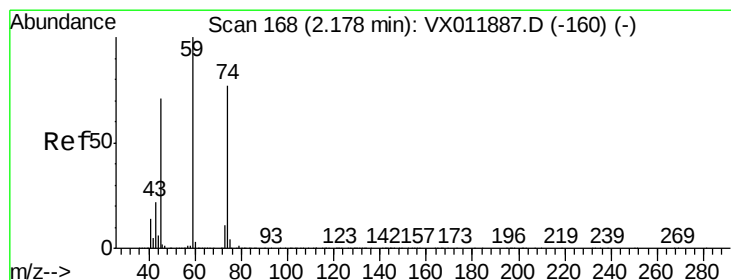
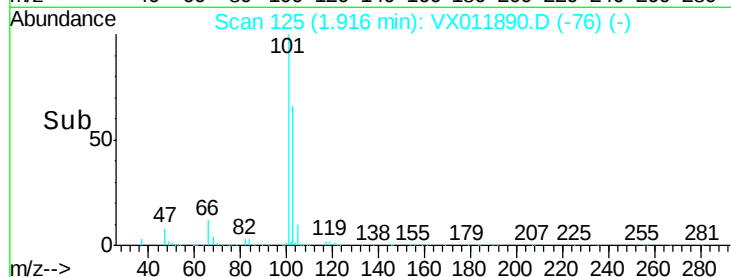
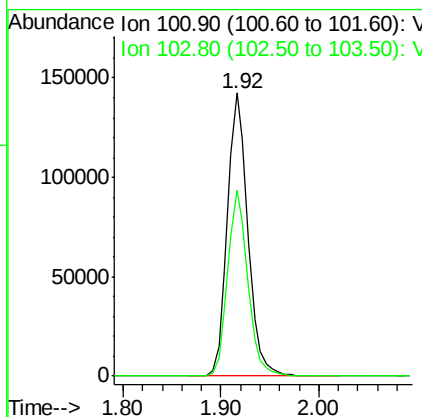
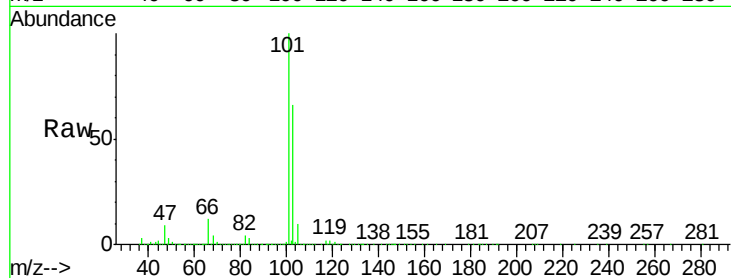
Trichlorofluoromethane
Concen: 50.715 ug/l
RT: 1.92 min Scan# 125
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	207445		
103	65.6	51.6	77.4	

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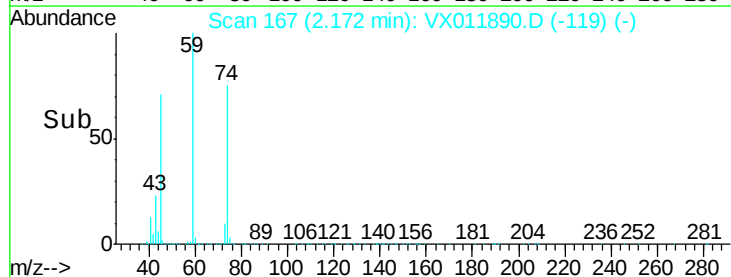
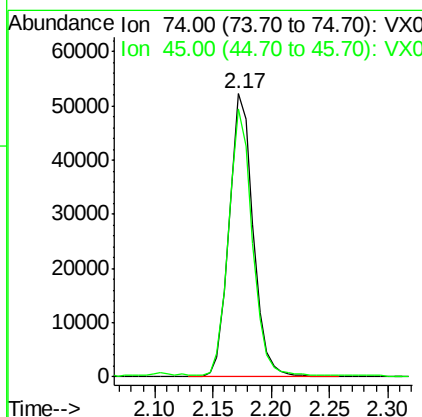
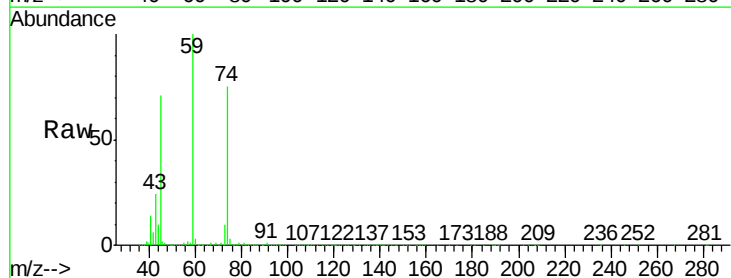
MMDadoda
9/3/2019 2:39:20 AM

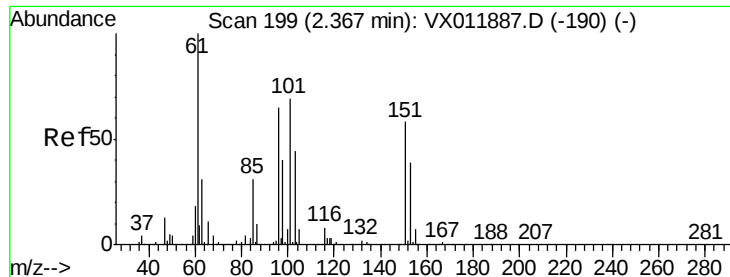


#8

Diethyl Ether
Concen: 53.432 ug/l
RT: 2.17 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75112		
45	92.4	46.7	140.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.279 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

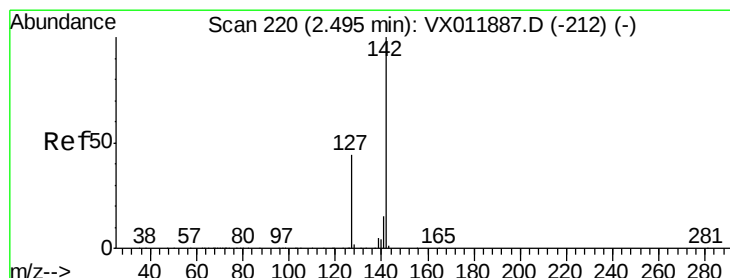
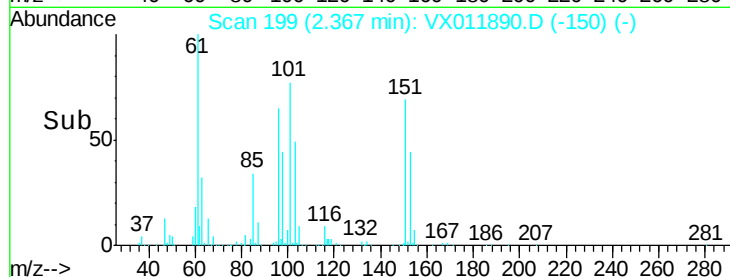
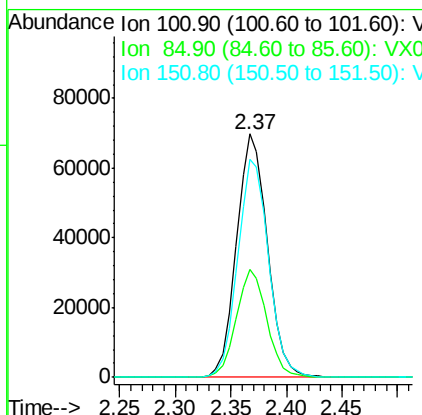
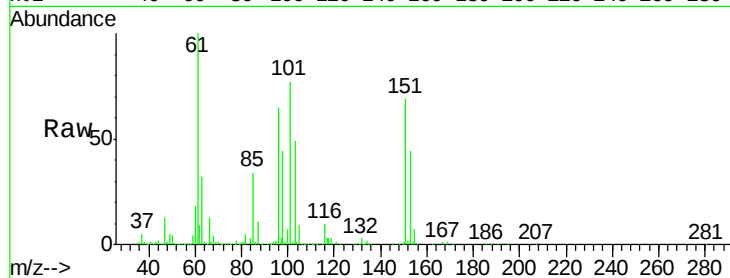
ClientSampleId :

ICVVX082919

Tot Ion:	101	Resp:	134039
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.9	52.3
151	89.9	70.9	106.3

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#10

Methyl Iodide

Concen: 50.339 ug/l

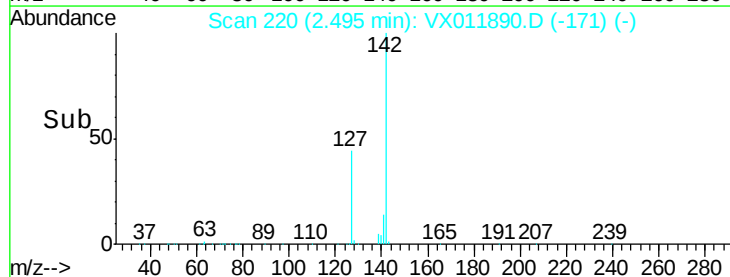
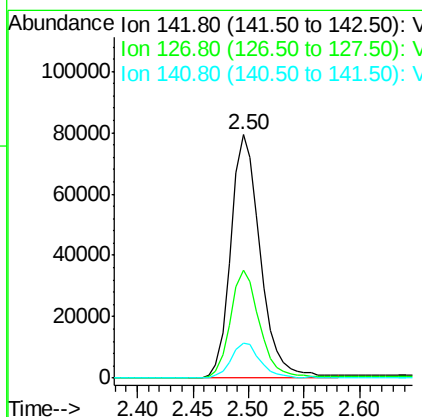
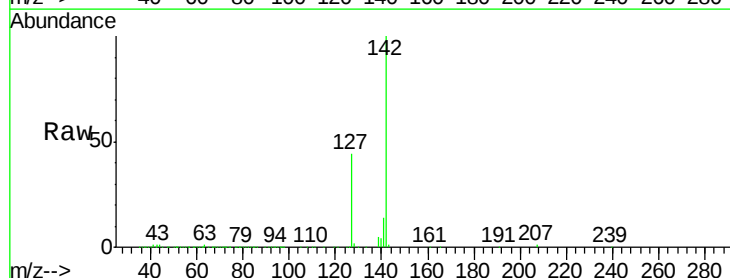
RT: 2.50 min Scan# 220

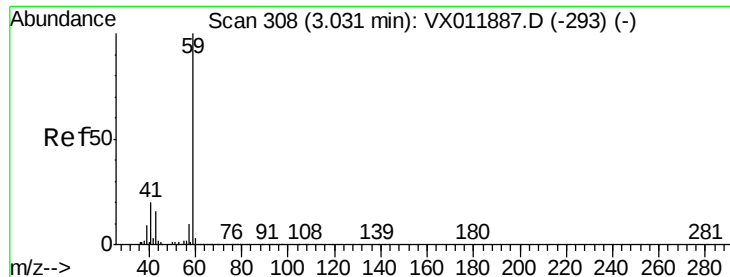
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion:	142	Resp:	146596
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.7	53.5
141	14.4	11.8	17.6





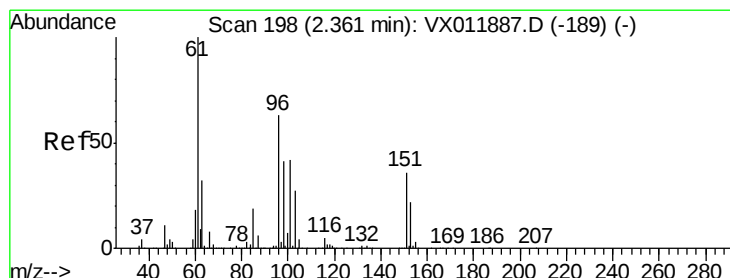
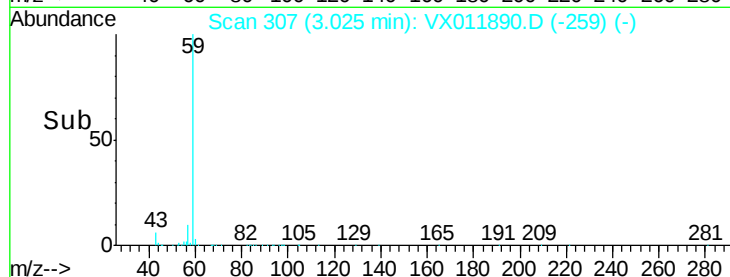
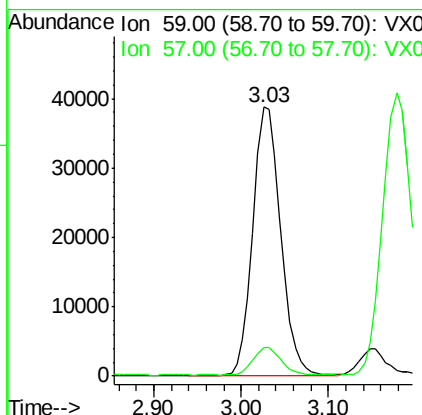
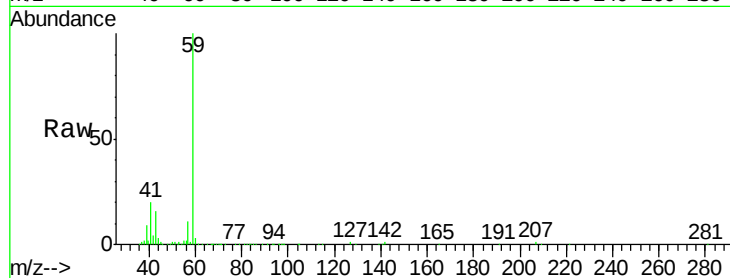
#11
Tert butyl alcohol
Concen: 265.908 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	59	Resp	86406
Ion Ratio	100	Lower	Upper
57	10.3	8.6	12.8

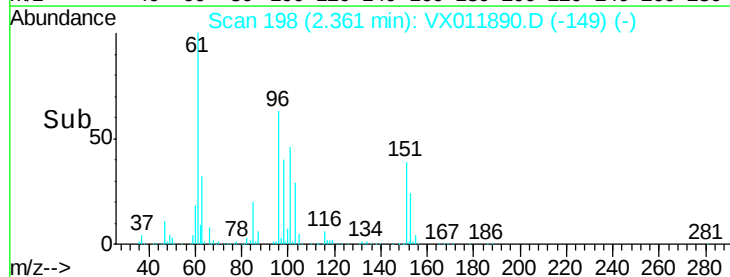
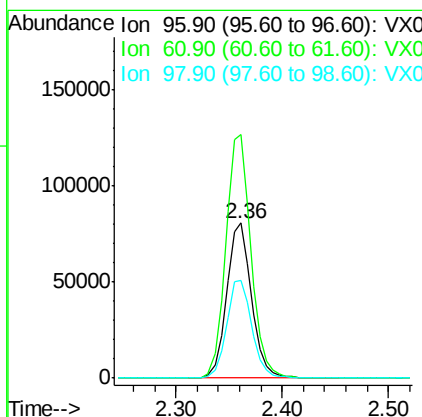
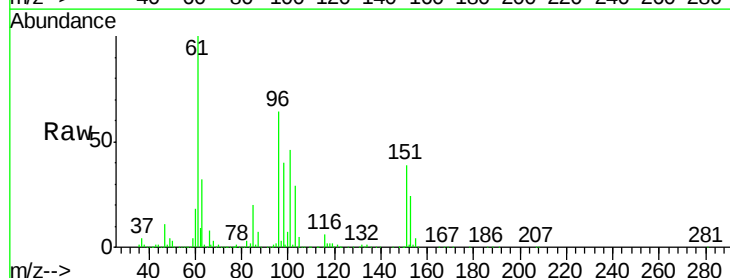
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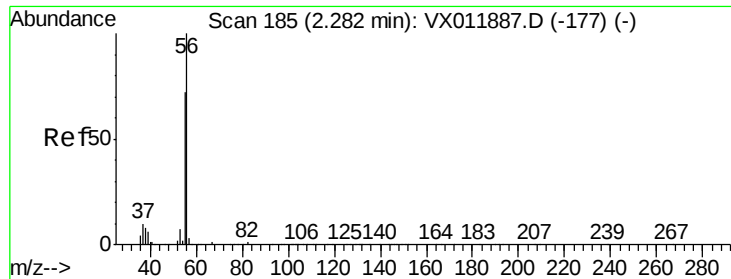
MMDadoda
9/3/2019 2:39:20 AM



#12
1,1-Dichloroethene
Concen: 52.619 ug/l
RT: 2.36 min Scan# 198
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	96	Resp	130283
Ion Ratio	100	Lower	Upper
61	157.5	126.6	190.0
98	62.7	51.6	77.4





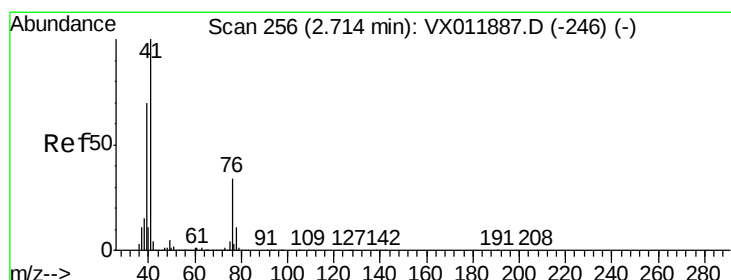
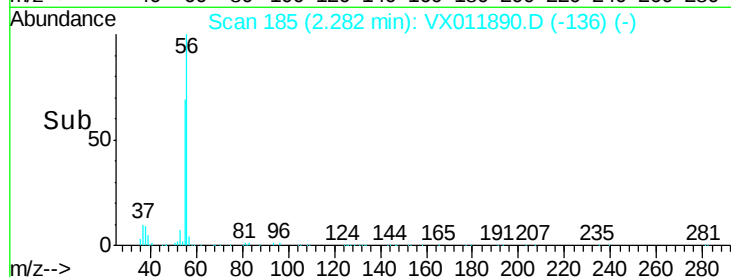
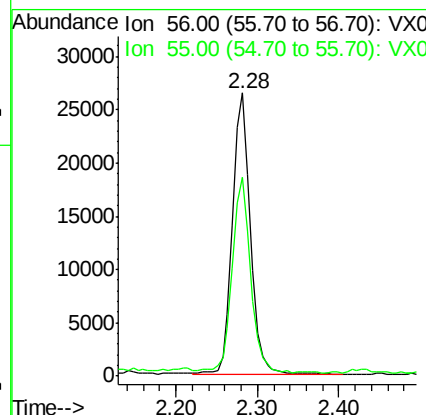
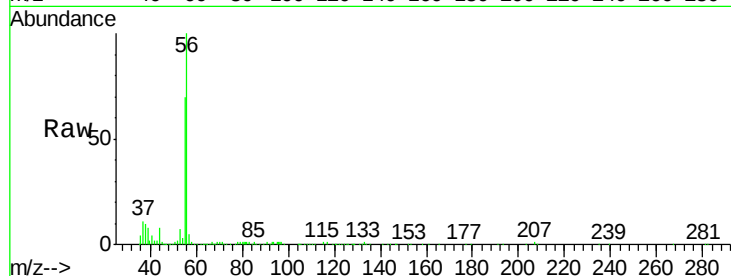
#13
Acrolein
Concen: 243.537 ug/l
RT: 2.28 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	58.6	88.0

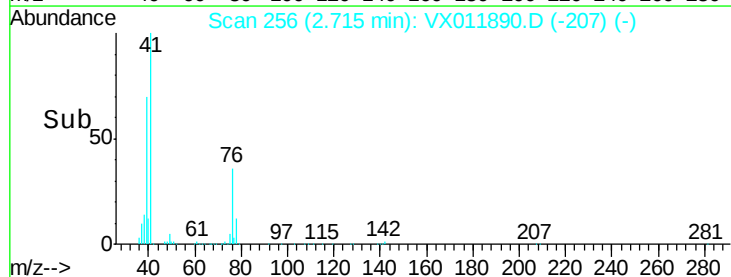
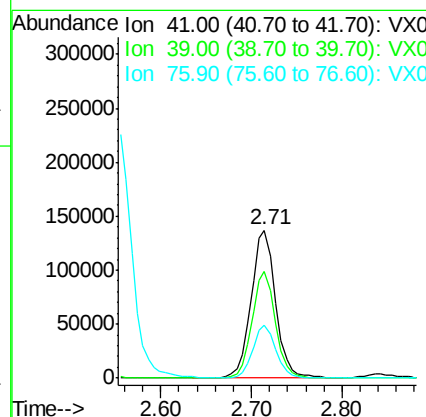
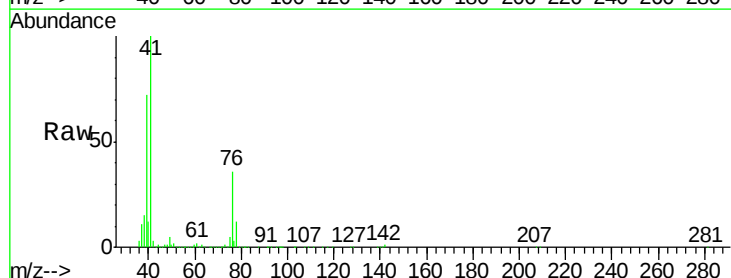
Manual Integrations
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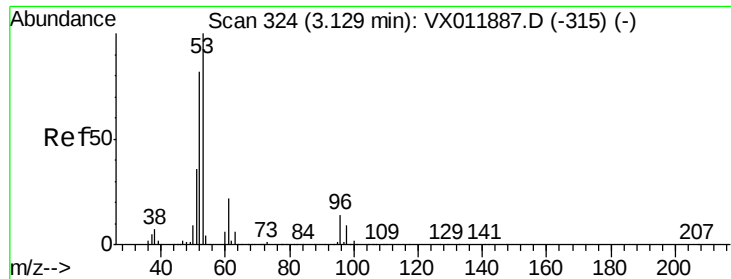
MMDadoda
9/3/2019 2:39:20 AM



#14
Allyl chloride
Concen: 54.636 ug/l
RT: 2.71 min Scan# 256
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.5	55.0	82.6
76	34.0	27.0	40.4





#15

Acrylonitrile

Concen: 277.914 ug/l

RT: 3.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

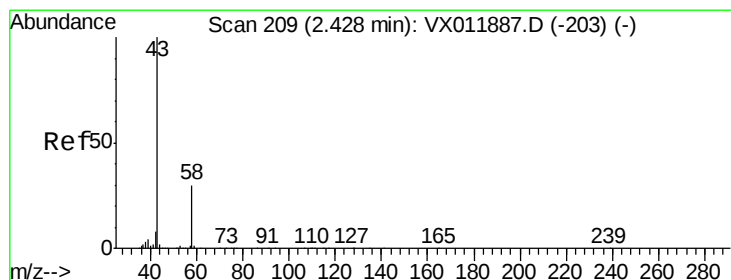
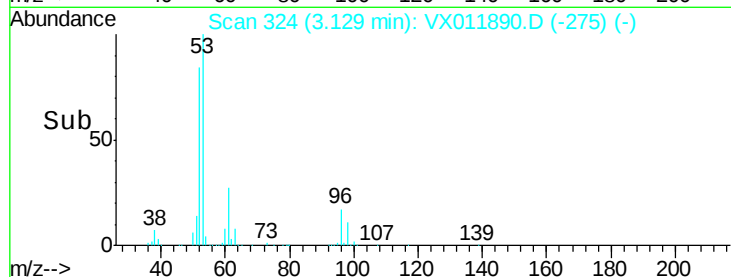
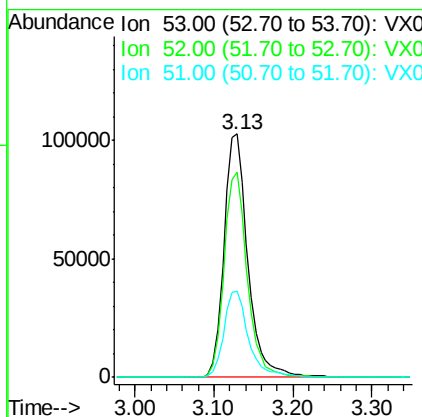
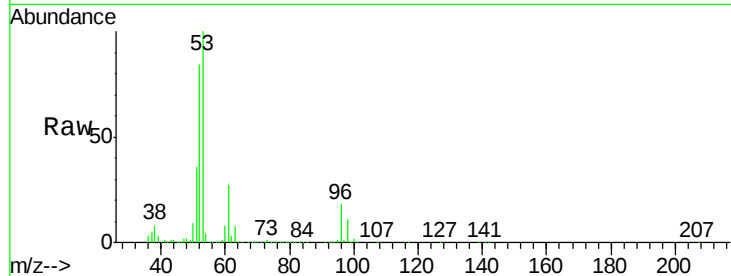
ClientSampleId :

ICVVX082919

Tot Ion	53	Resp	214592
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.3	97.9
51	36.6	29.4	44.2

Manual Integrations
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MMDadoda
9/3/2019 2:39:20 AM



#16

Acetone

Concen: 248.827 ug/l

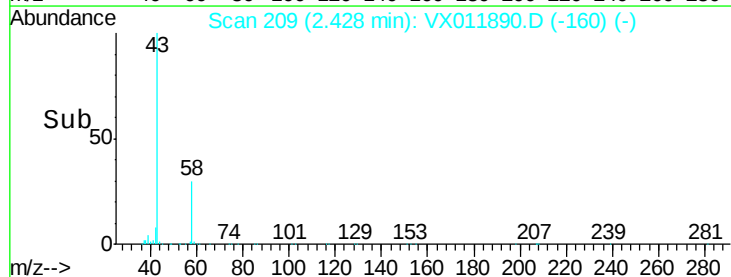
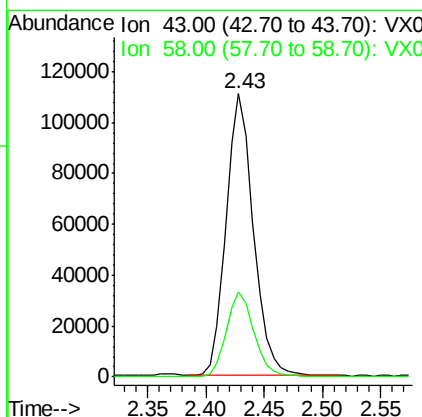
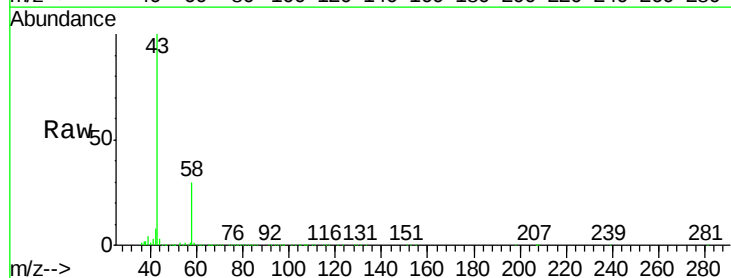
RT: 2.43 min Scan# 209

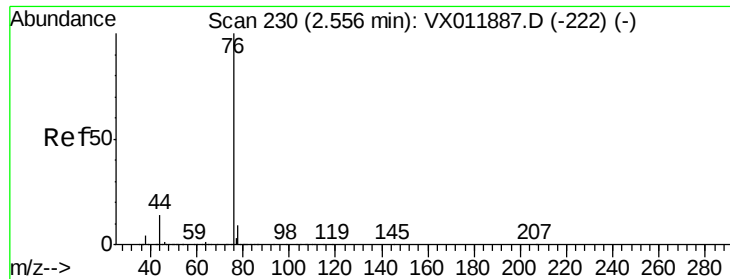
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion	43	Resp	180827
Ion Ratio	Lower	Upper	
43	100		
58	30.2	23.8	35.8





#17

Carbon Disulfide

Concen: 54.104 ug/l

RT: 2.56 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 76 Resp: 384246

Ion Ratio Lower Upper

76 100

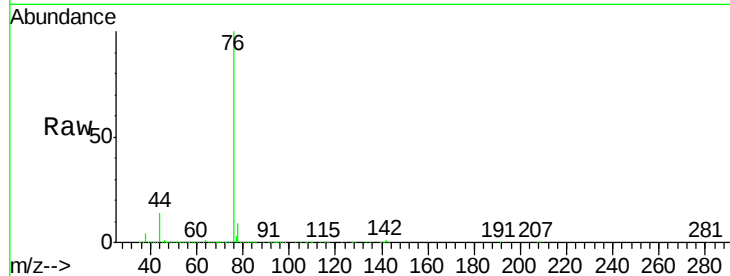
78 9.0 7.3 10.9

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

250000

200000

150000

100000

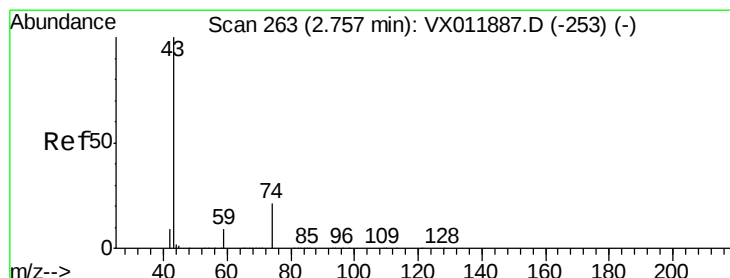
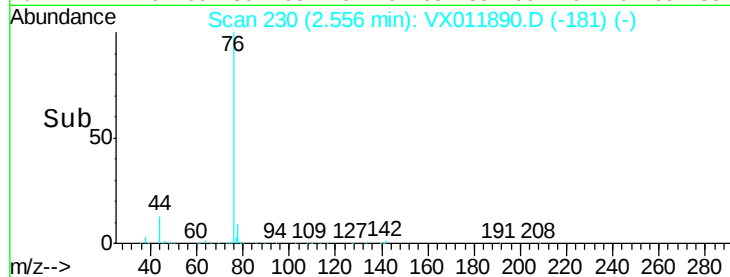
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 52.913 ug/l

RT: 2.76 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX011890.D

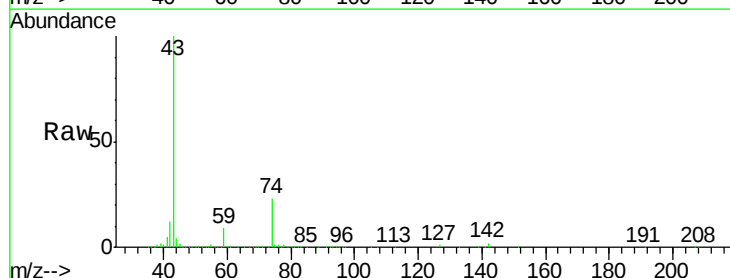
Acq: 30 Aug 2019 00:25

Tgt Ion: 43 Resp: 106444

Ion Ratio Lower Upper

43 100

74 24.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

60000

40000

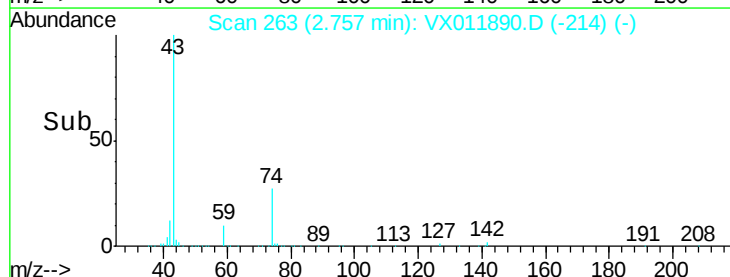
20000

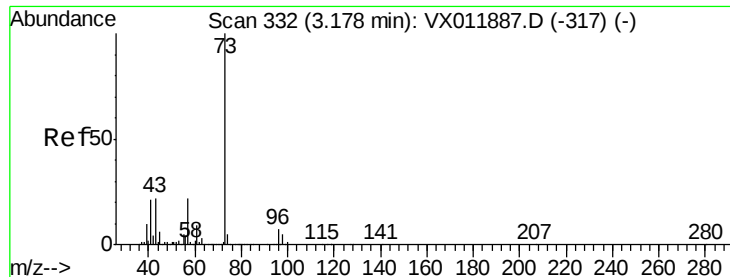
0

2.76

2.70 2.80

Time-->





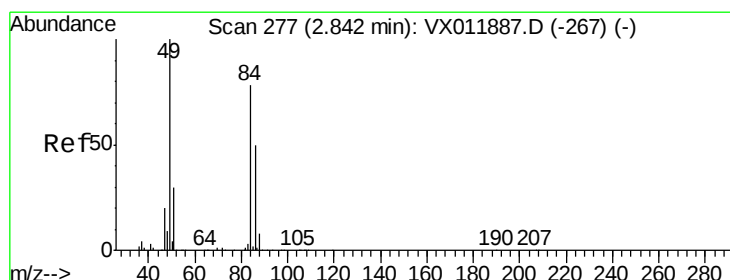
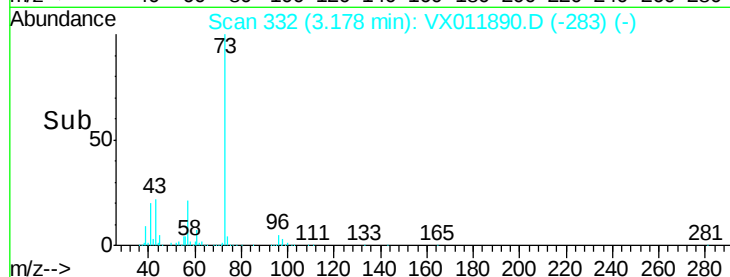
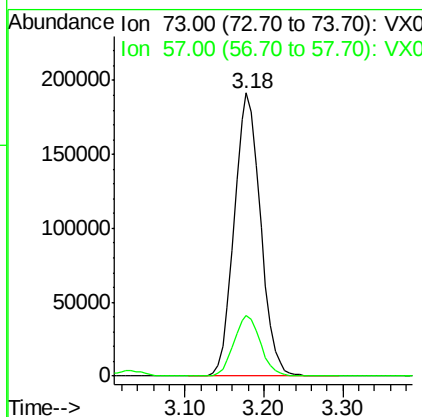
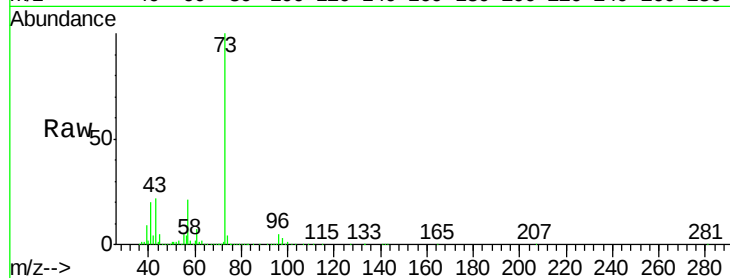
#19
Methvl tert-butvl Ether
Concen: 55.415 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.4	26.0

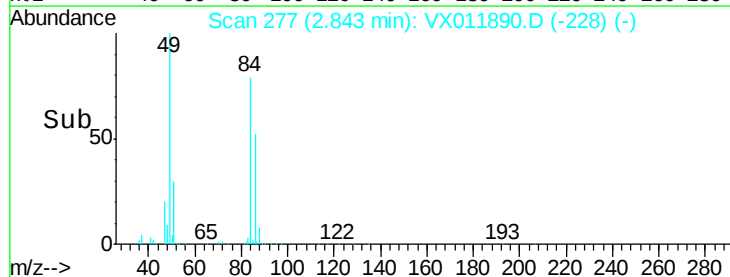
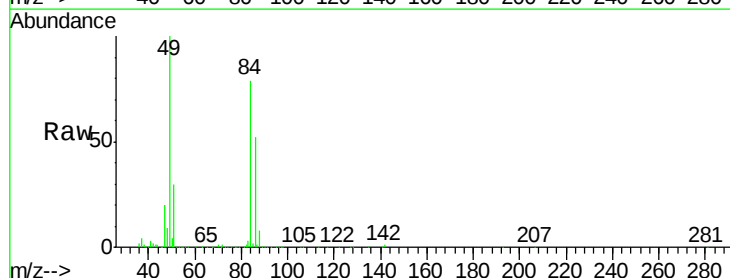
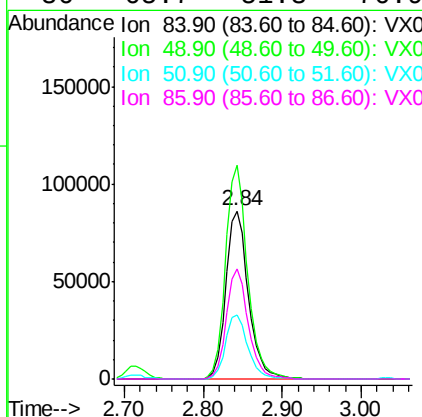
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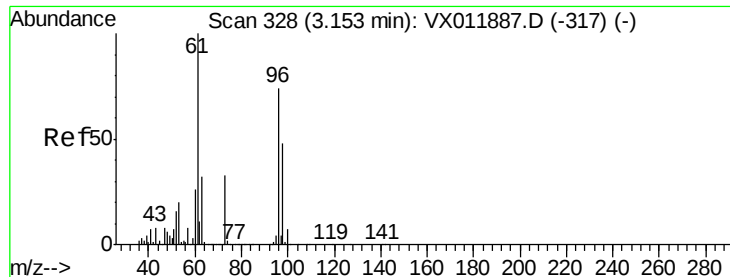
MMDadoda
9/3/2019 2:39:20 AM



#20
Methylene Chloride
Concen: 55.541 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	103.0	154.4
51	37.9	30.8	46.2
86	65.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 54.348 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

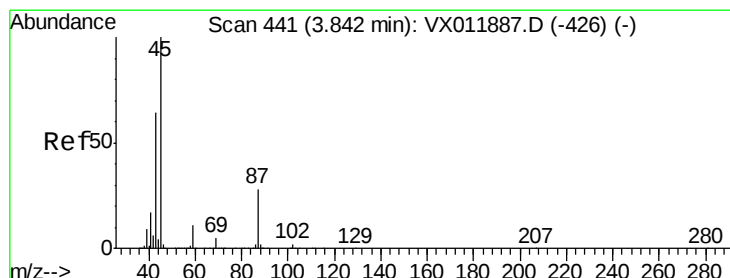
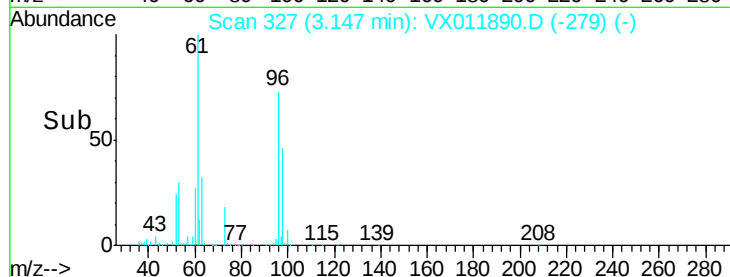
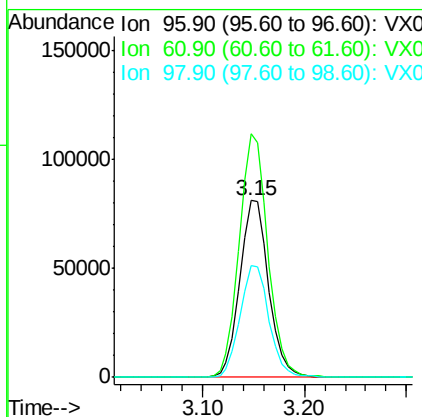
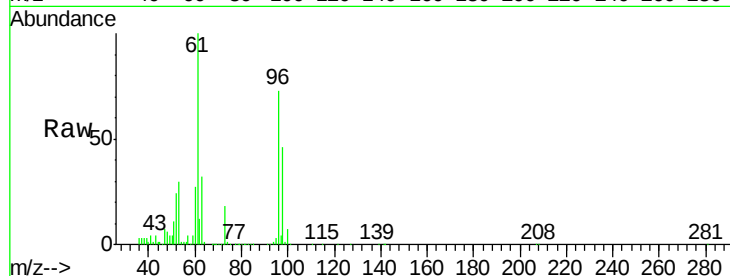
ClientSampleId :

ICVVX082919

Tot Ion:	96	Resp:	158511
Ion	Ratio	Lower	Upper
96	100		
61	138.0	107.4	161.2
98	63.5	51.4	77.2

Manual Integrations
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9/3/2019 2:39:20 AM



#22

Diisopropyl ether

Concen: 55.349 ug/l

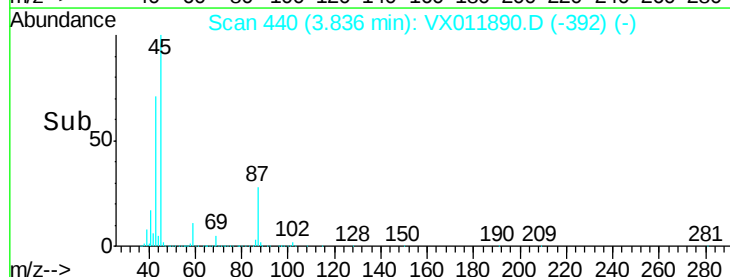
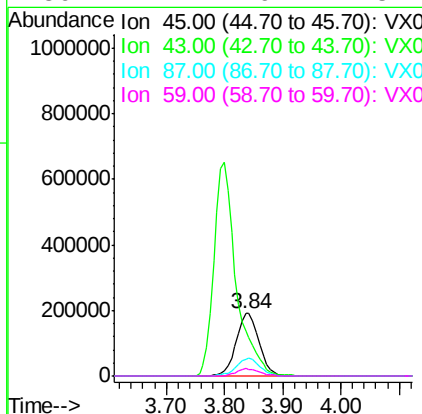
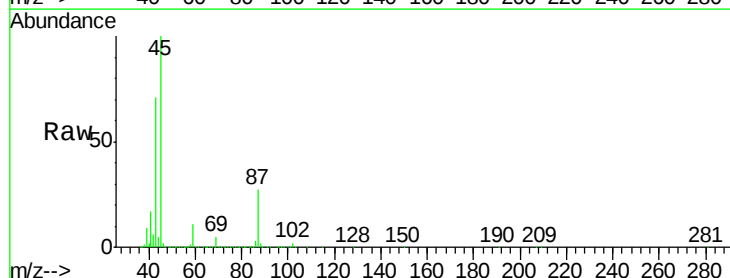
RT: 3.84 min Scan# 440

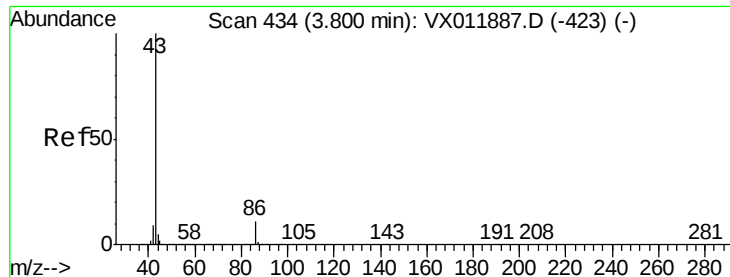
Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion:	45	Resp:	524810
Ion	Ratio	Lower	Upper
45	100		
43	70.9	51.0	76.6
87	27.5	22.0	33.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 283.018 ug/l

RT: 3.80 min Scan# 434

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 43 Resp: 1725312

Ion Ratio Lower Upper

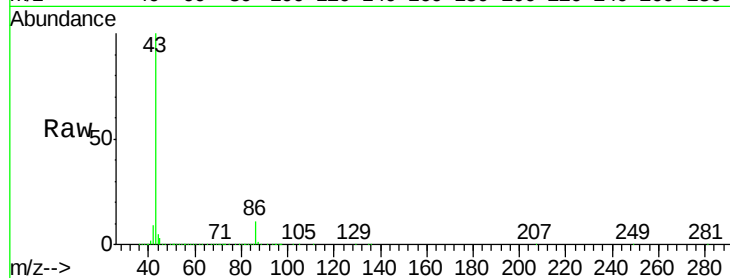
43 100

86 10.9 8.6 12.8

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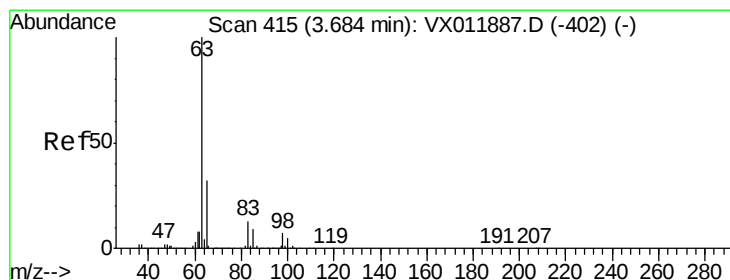
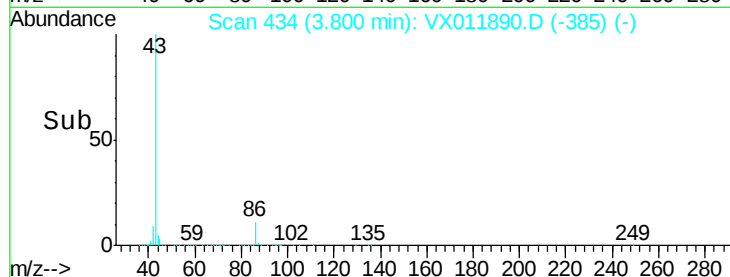
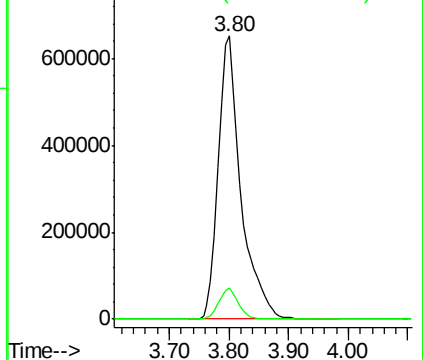
MMDadoda

9/3/2019 2:39:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.924 ug/l

RT: 3.68 min Scan# 414

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

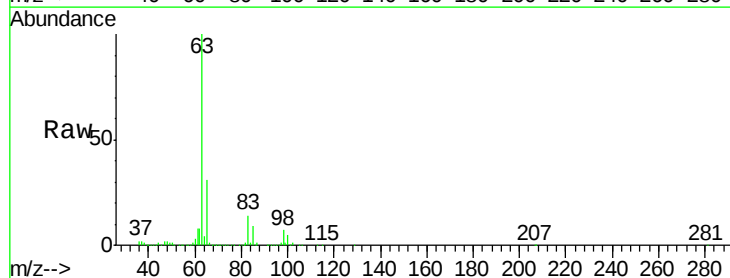
Tgt Ion: 63 Resp: 287181

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

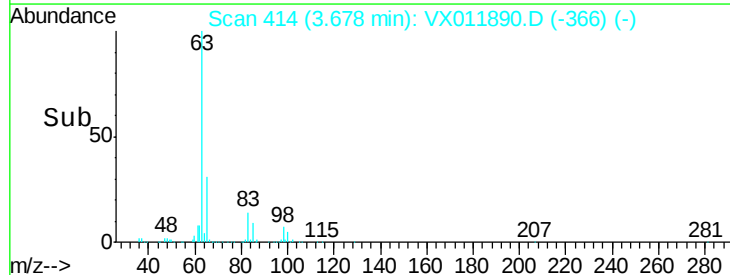
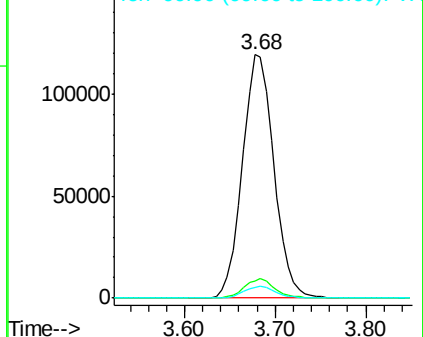
100 4.5 2.4 7.2

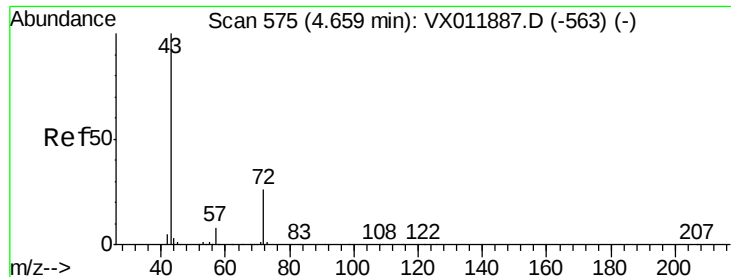


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 275.722 ug/l

RT: 4.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 43 Resp: 291834

Ion Ratio Lower Upper

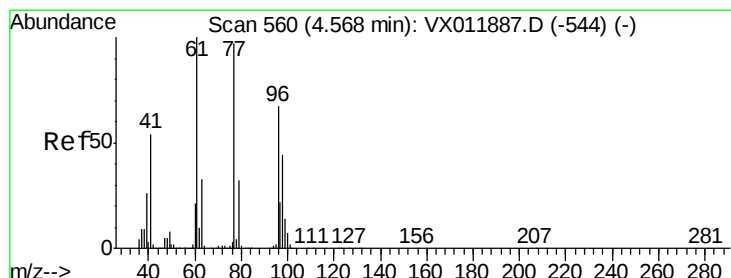
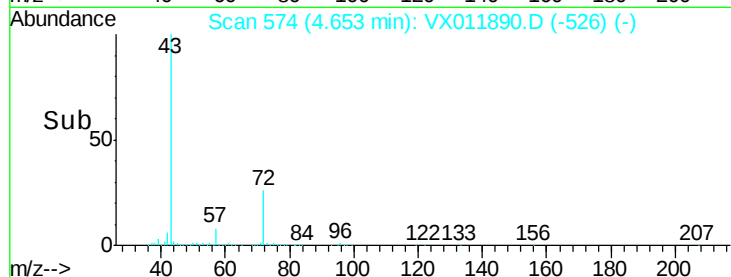
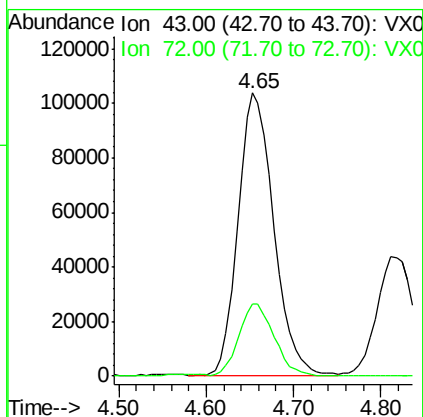
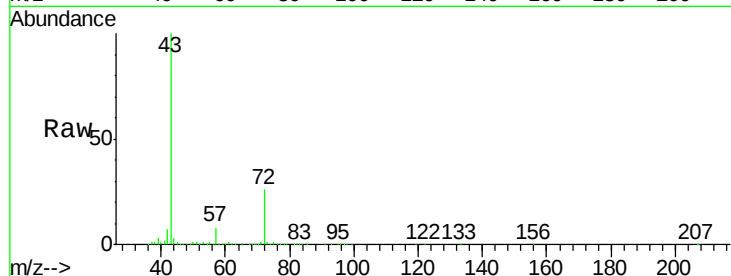
43 100

72 25.5 21.0 31.4

Manual Integrations
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MMDadoda

9/3/2019 2:39:20 AM



#26

2,2-Dichloropropane

Concen: 50.766 ug/l

RT: 4.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VX011890.D

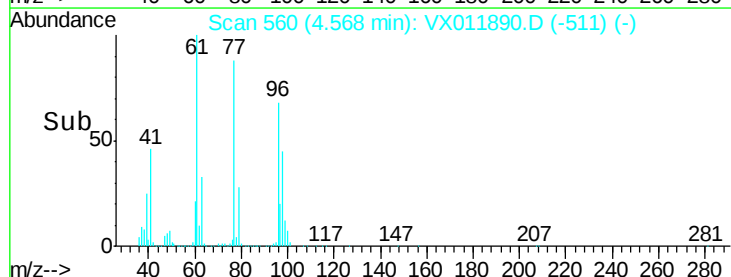
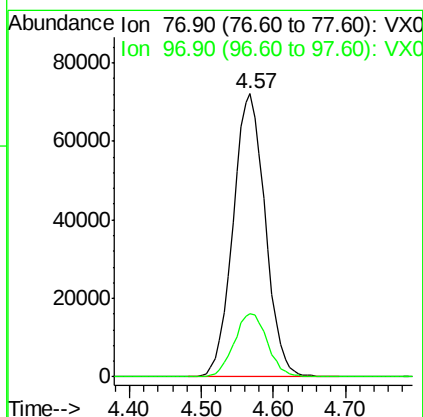
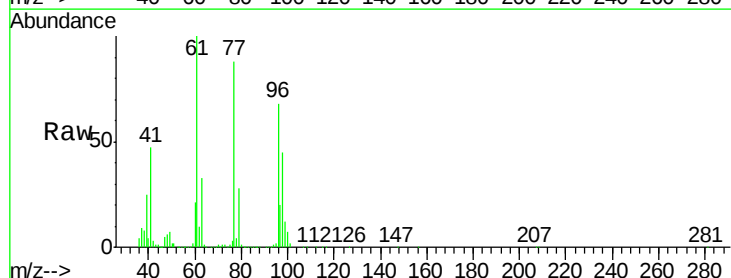
Acq: 30 Aug 2019 00:25

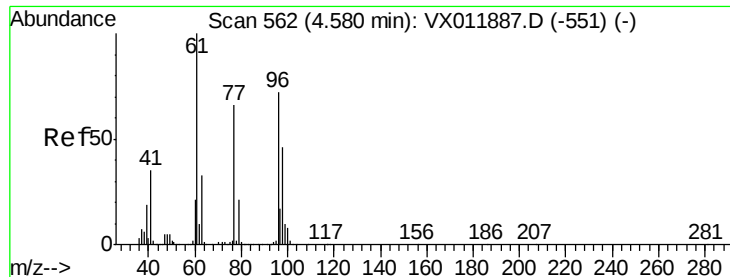
Tgt Ion: 77 Resp: 222632

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1





#27

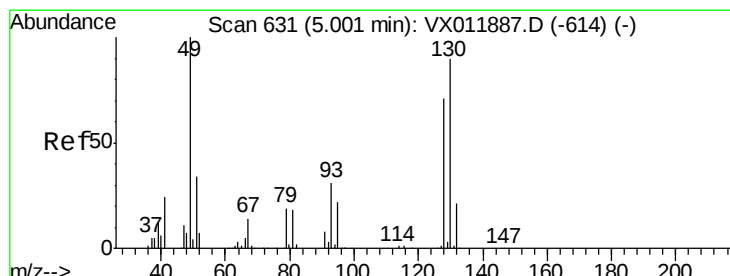
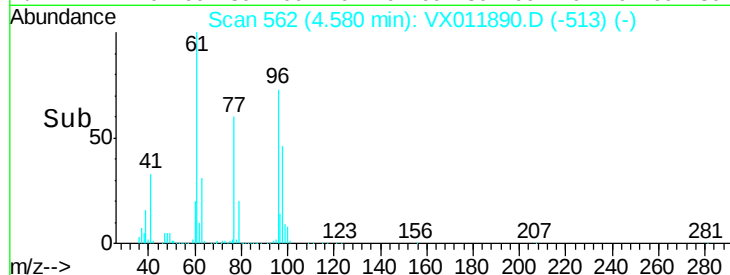
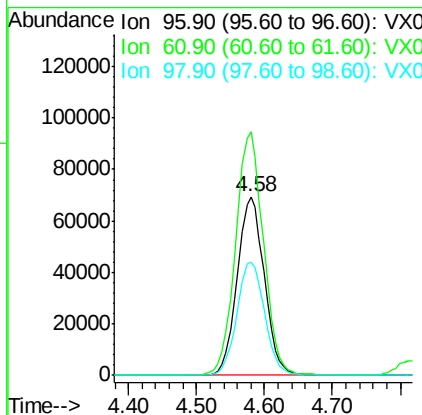
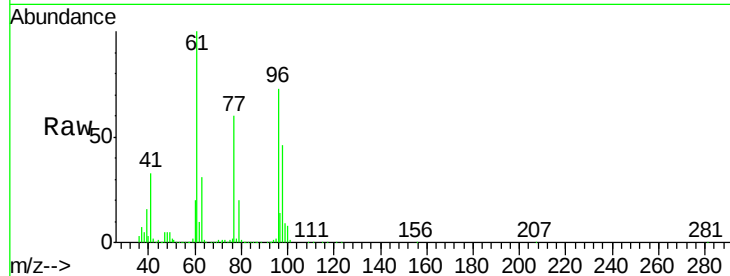
cis-1,2-Dichloroethene
Concen: 55.965 ug/l
RT: 4.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192267		
61	140.5	0.0	283.8	
98	64.4	0.0	131.2	

Manual Integrations
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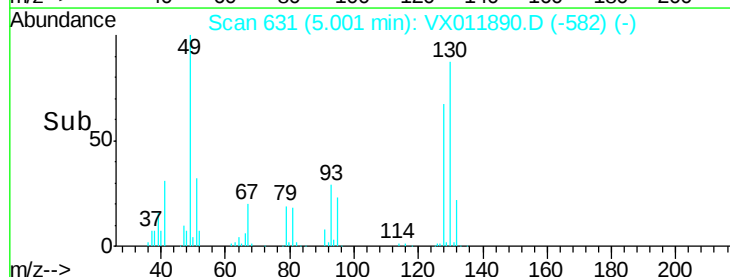
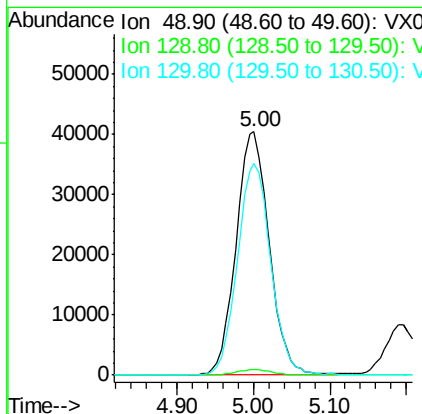
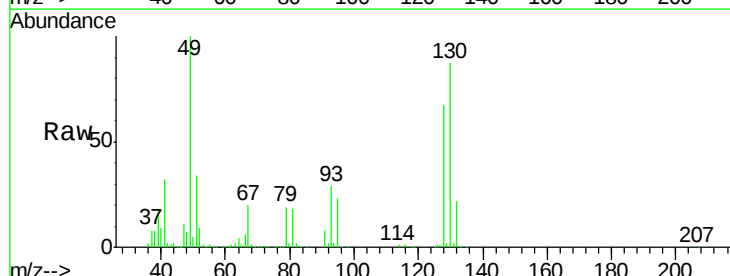
MMDadoda
9/3/2019 2:39:20 AM

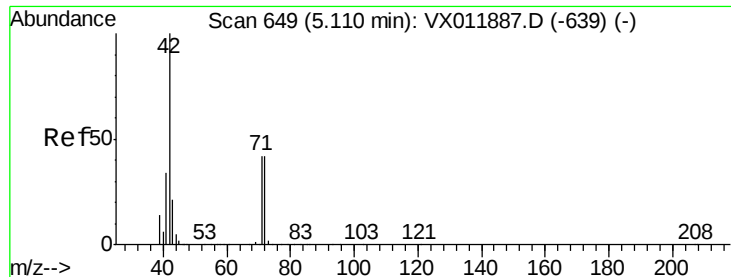


#28

Bromochloromethane
Concen: 51.675 ug/l
RT: 5.00 min Scan# 631
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	121241		
129	2.6	0.0	4.8	
130	87.8	70.6	105.8	





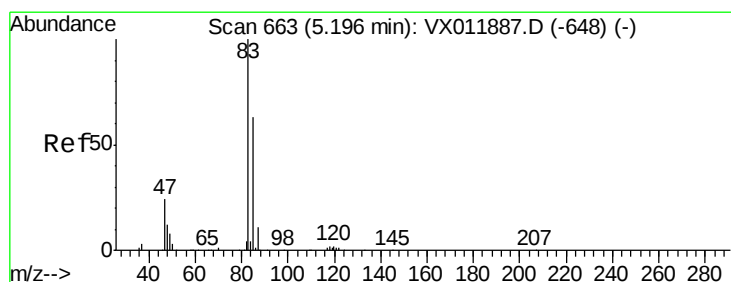
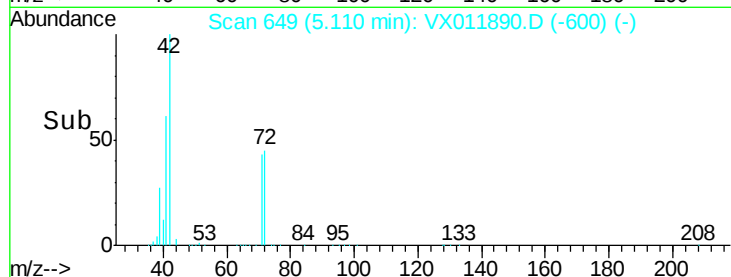
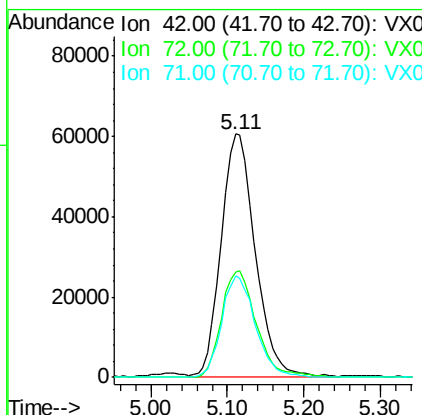
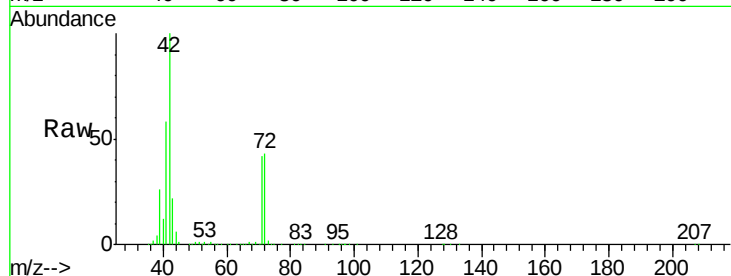
#29
Tetrahydrofuran
Concen: 281.245 ug/l
RT: 5.11 min Scan# 649
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	45.4	36.2	54.4
71	41.8	33.1	49.7

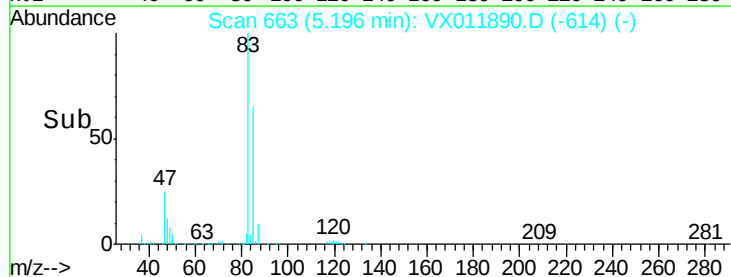
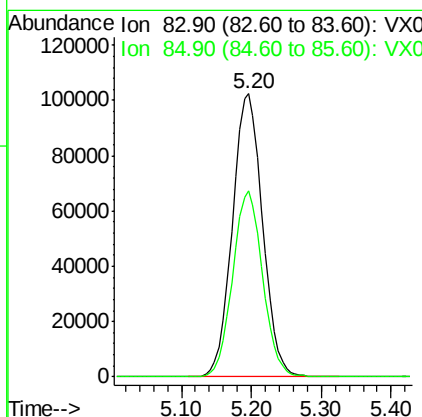
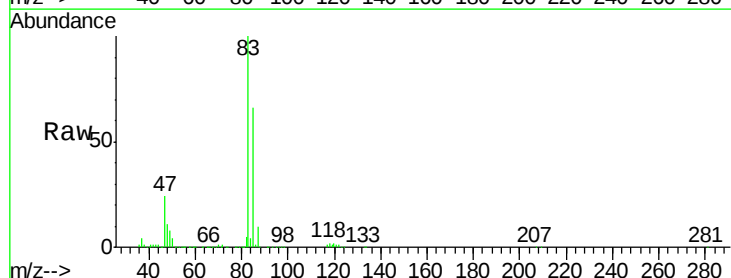
Manual Integrations
APPROVED

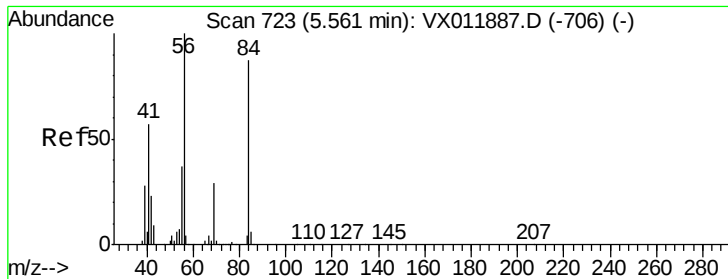
MMDadoda
9/3/2019 2:39:20 AM



#30
Chloroform
Concen: 54.775 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.8	50.6	75.8





#31

Cyclohexane

Concen: 49.621 ug/l

RT: 5.57 min Scan# 724

Delta R.T. 0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

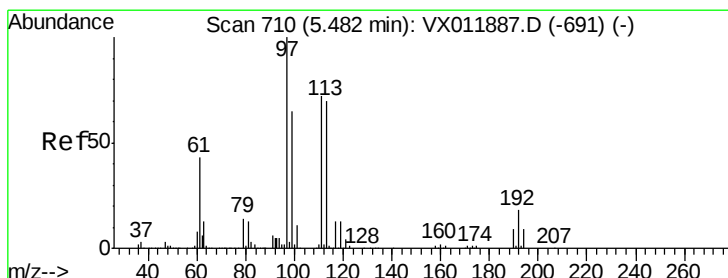
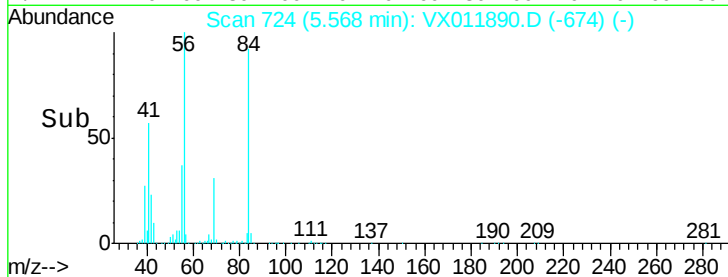
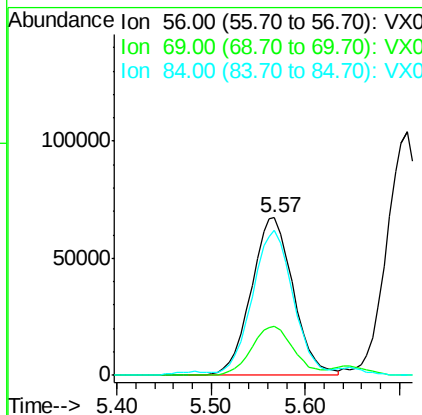
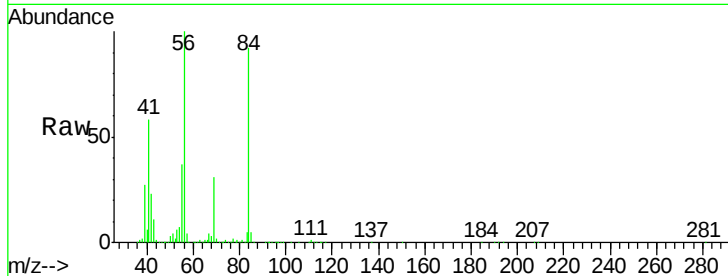
ClientSampleId :

ICVVX082919

Tot Ion:	56	Resp:	209274
Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.1	34.7
84	90.1	69.6	104.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.442 ug/l

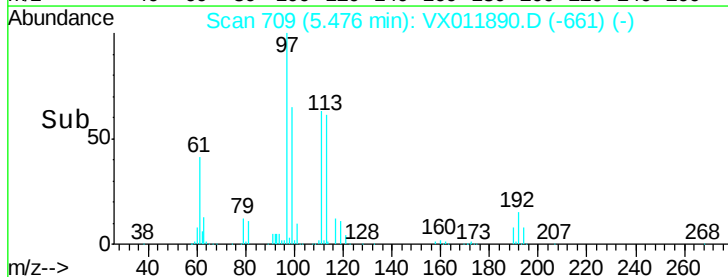
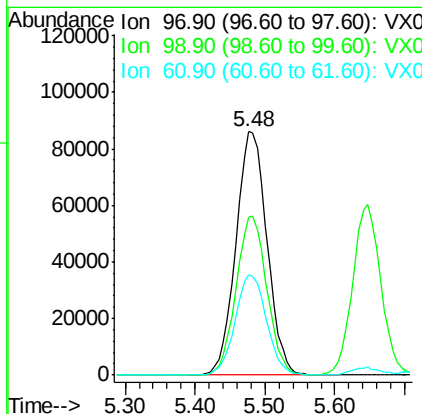
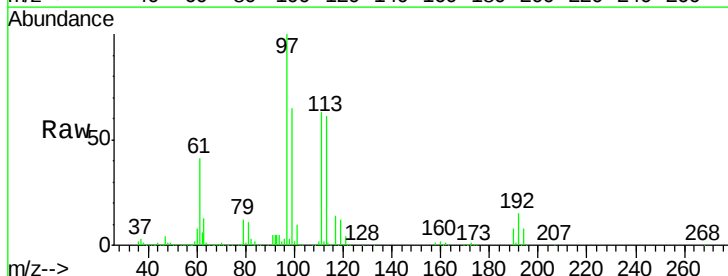
RT: 5.48 min Scan# 709

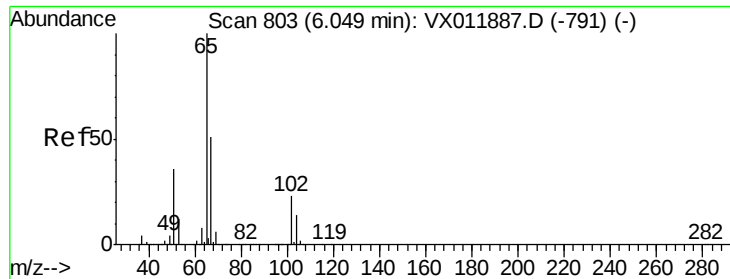
Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion:	97	Resp:	265403
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	41.6	33.8	50.6





#33

1,2-Dichloroethane-d4

Concen: 51.390 ug/l

RT: 6.05 min Scan# 803

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 65 Resp: 173575

Ion Ratio Lower Upper

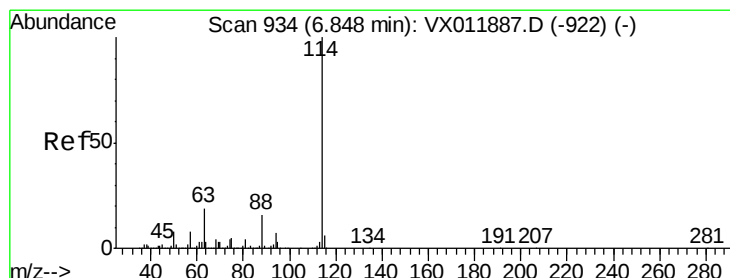
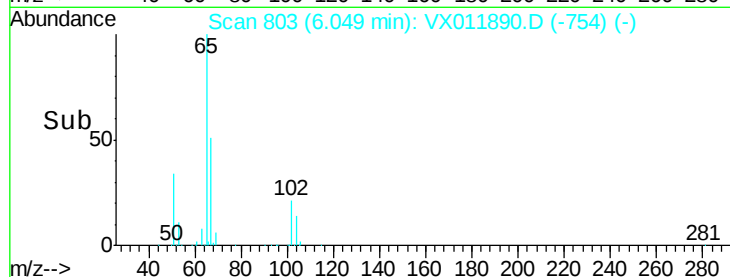
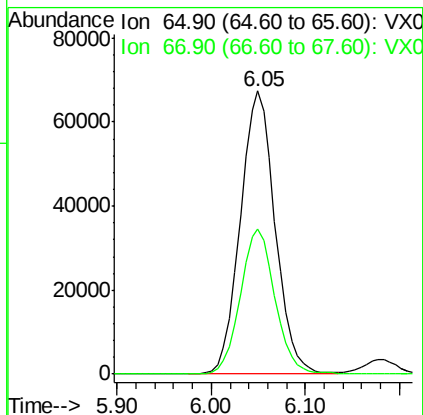
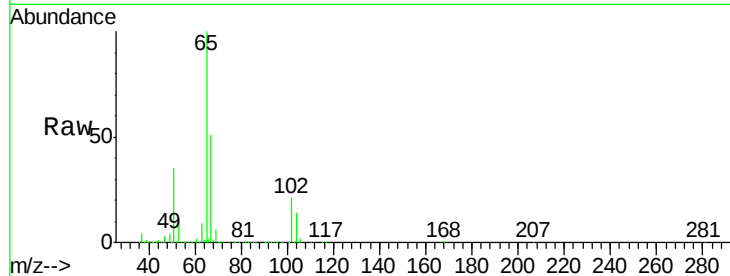
65 100

67 51.0 0.0 102.2

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

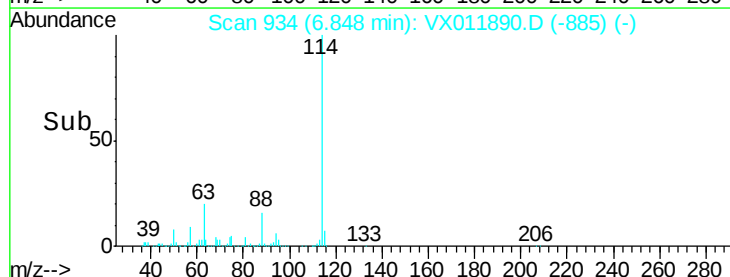
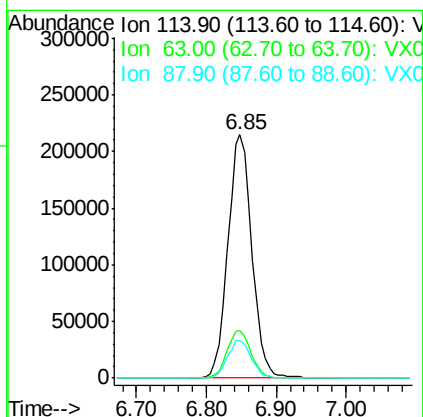
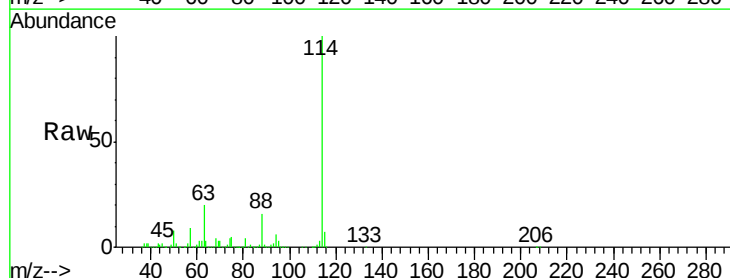
Tgt Ion: 114 Resp: 509933

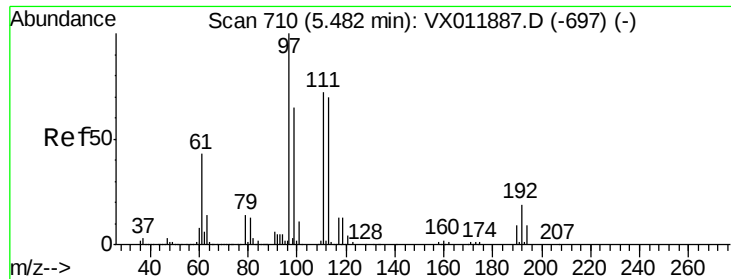
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 15.6 0.0 31.2





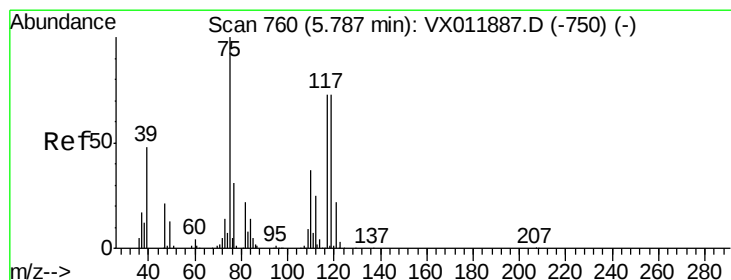
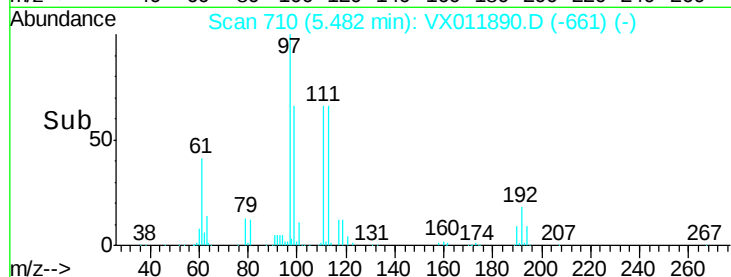
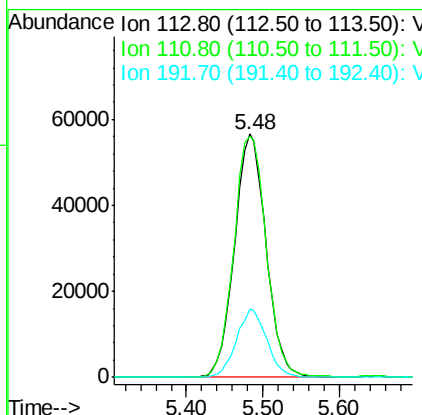
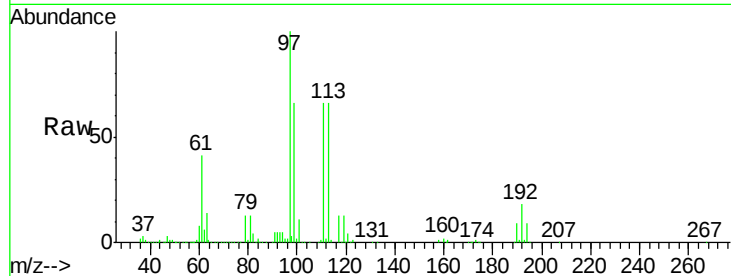
#35
Dibromofluoromethane
Concen: 49.431 ug/l
RT: 5.48 min Scan# 710
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161634		
111	102.2	82.1	123.1	
192	27.1	21.5	32.3	

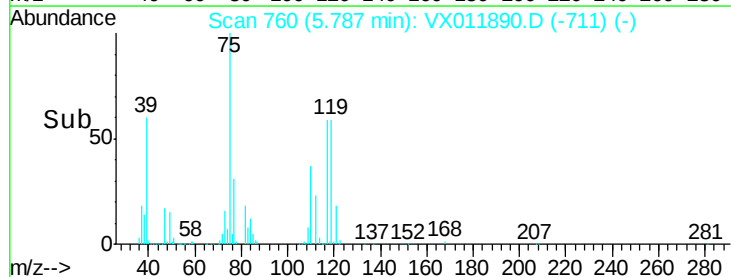
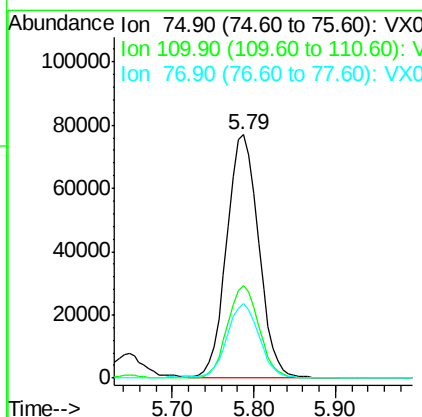
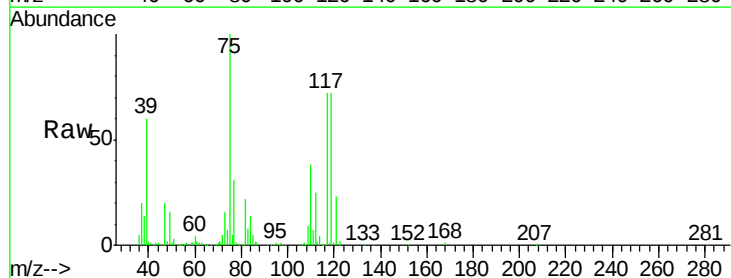
Manual Integrations
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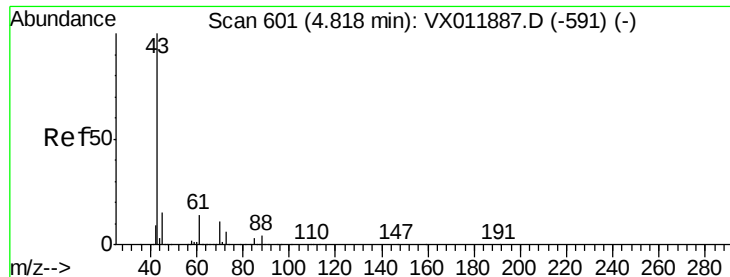
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#36
1,1-Dichloropropene
Concen: 51.411 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	207694		
110	38.0	19.1	57.3	
77	30.2	24.4	36.6	





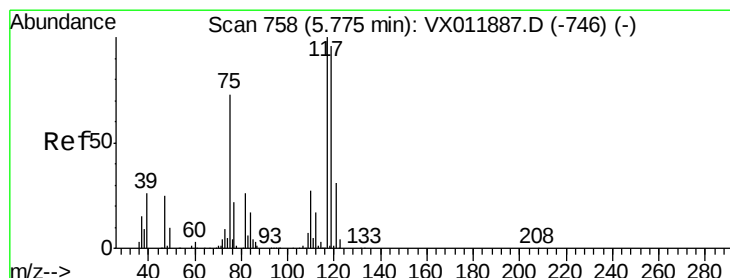
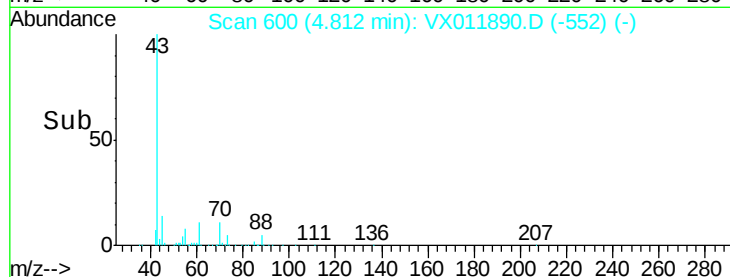
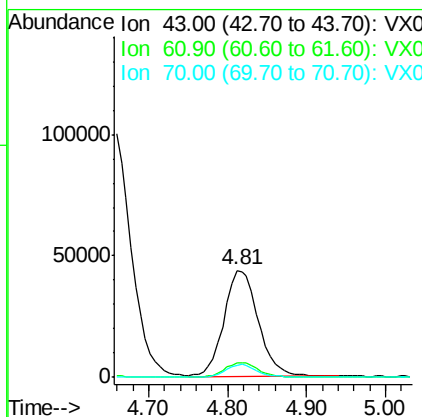
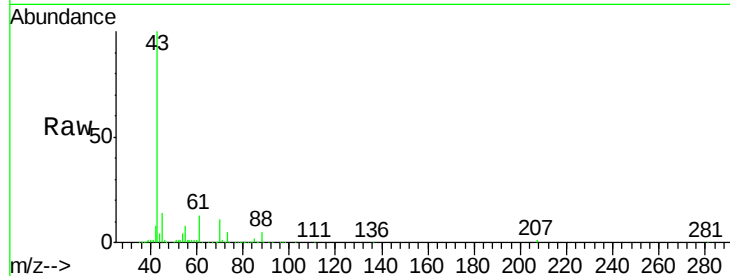
#37
Ethyl Acetate
Concen: 55.139 ug/l
RT: 4.81 min Scan# 600
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.0	16.4
70	11.2	9.2	13.8

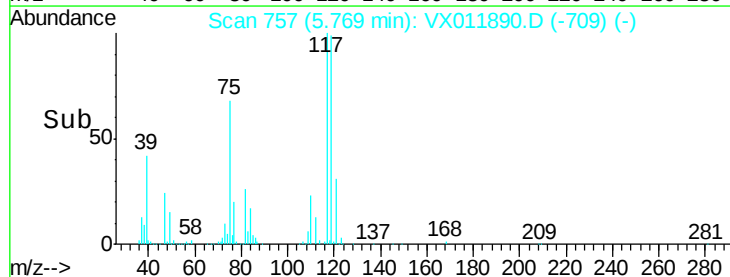
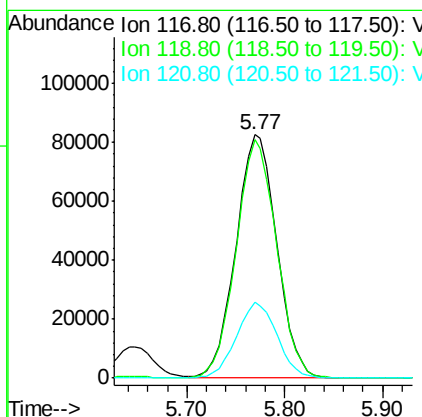
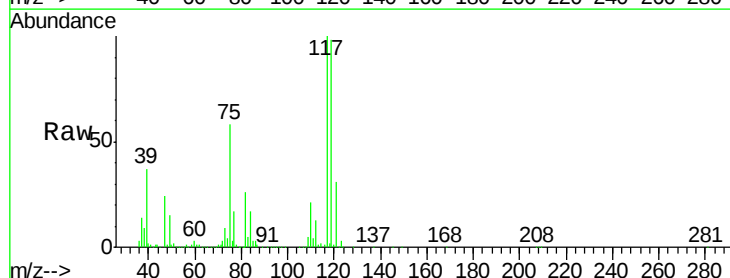
Manual Integrations
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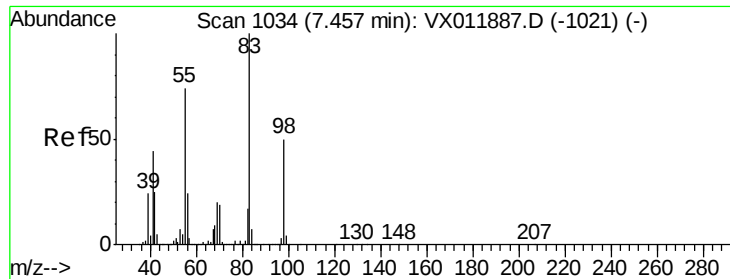
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#38
Carbon Tetrachloride
Concen: 51.042 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
121	31.3	24.7	37.1





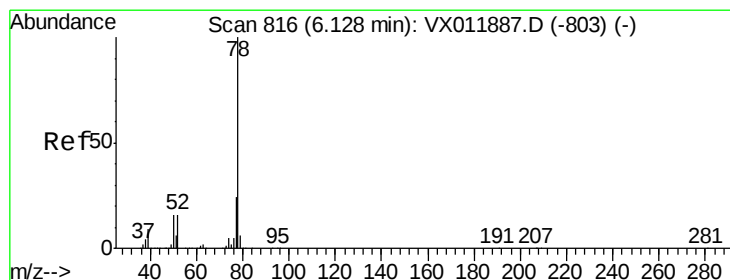
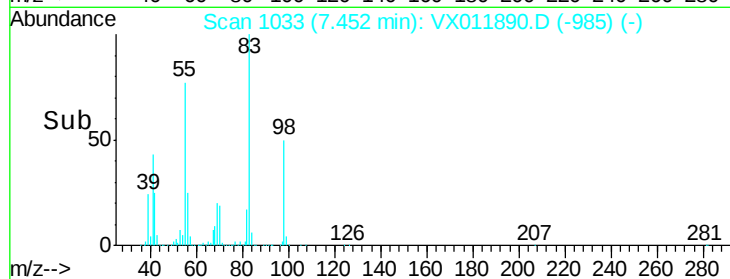
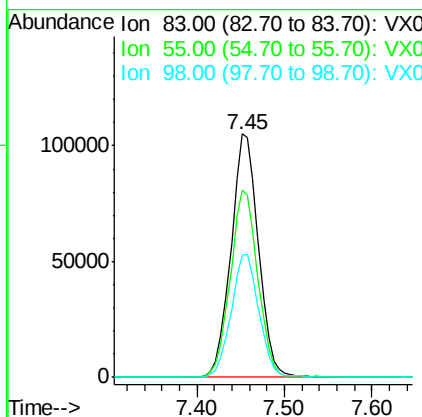
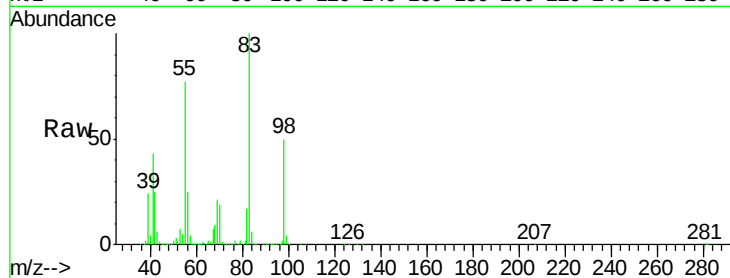
#39
Methvlcvclohexane
Concen: 47.670 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.4	89.0
98	50.3	40.3	60.5

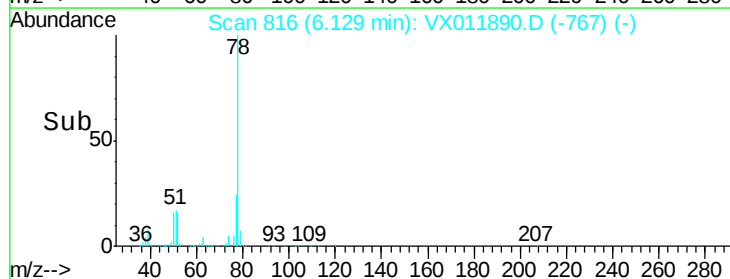
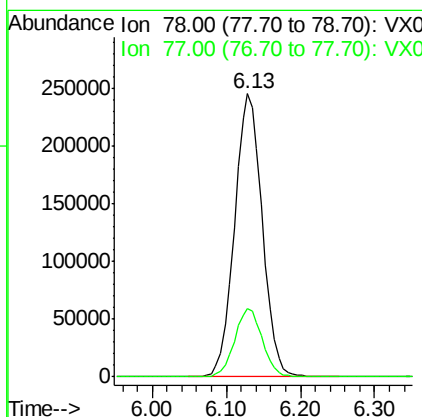
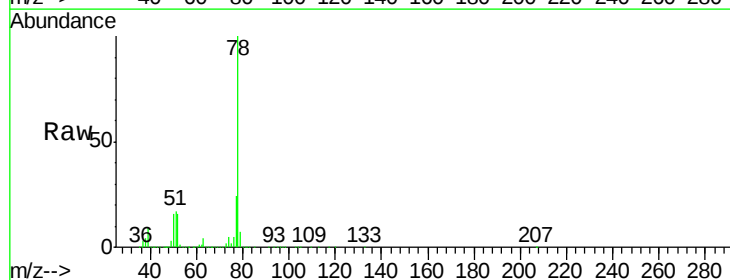
Manual Integrations
APPROVED

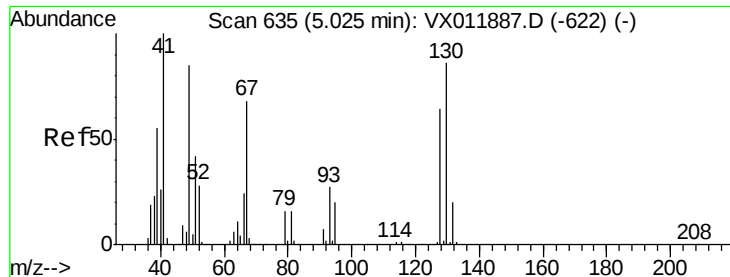
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#40
Benzene
Concen: 52.984 ug/l
RT: 6.13 min Scan# 816
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





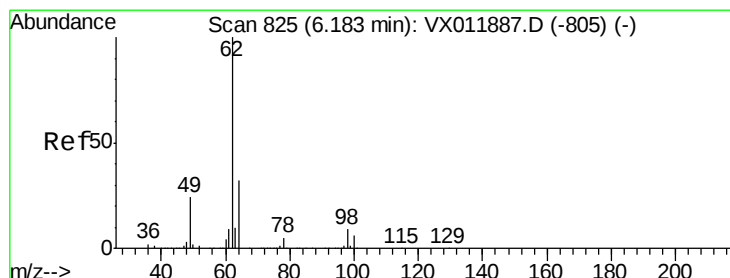
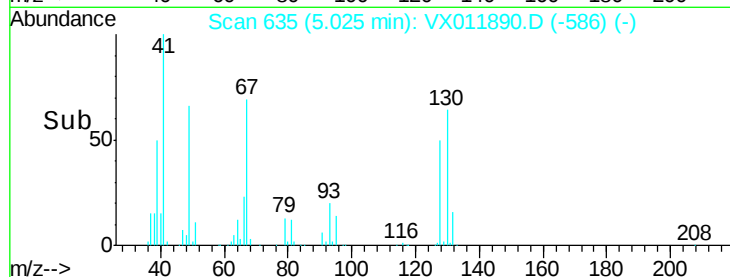
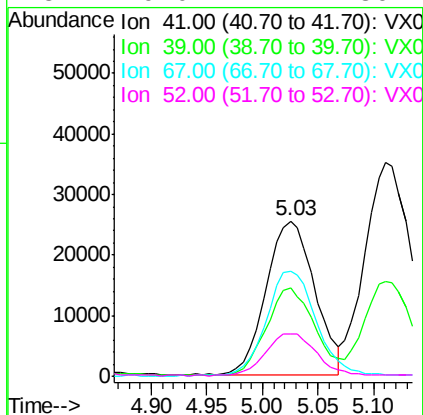
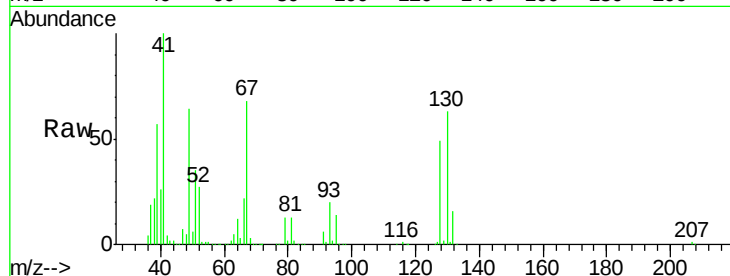
#41
Methacrylonitrile
Concen: 54.849 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.0	45.0	67.6	
67	69.9	55.0	82.4	
52	29.0	24.1	36.1	

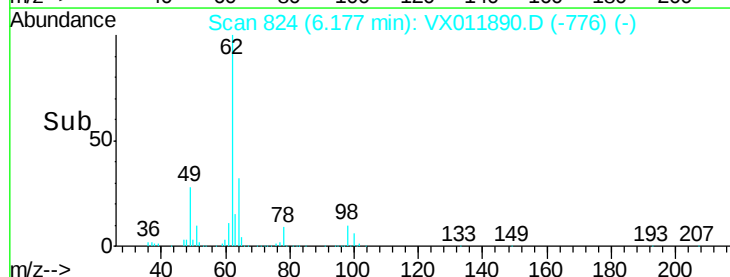
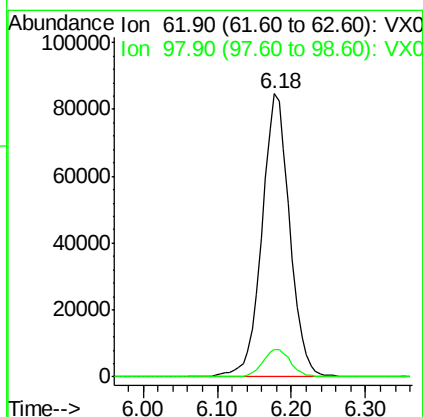
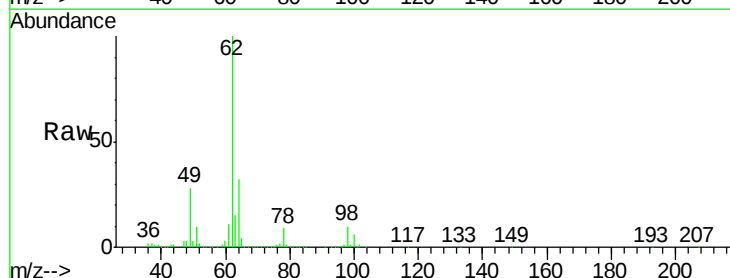
Manual Integrations
APPROVED

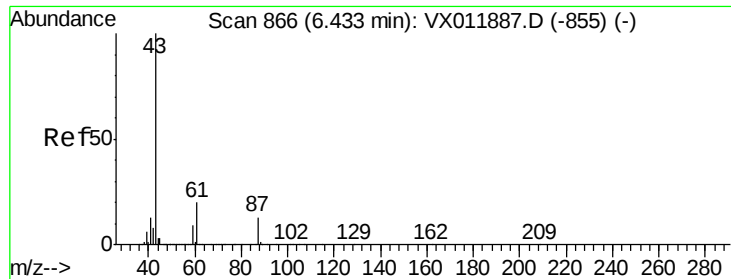
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.917 ug/l
RT: 6.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.2	





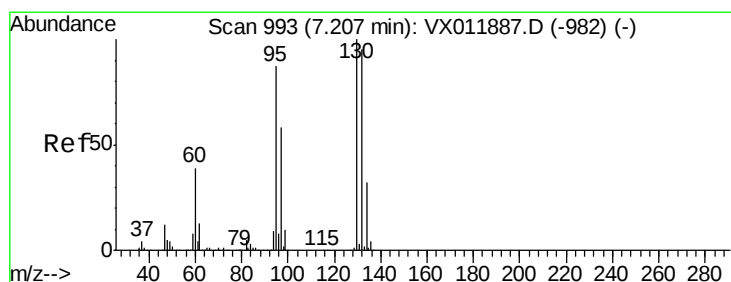
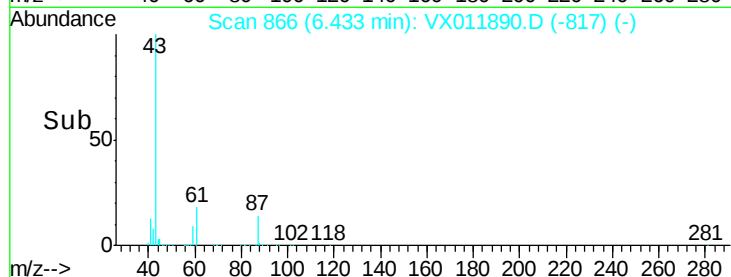
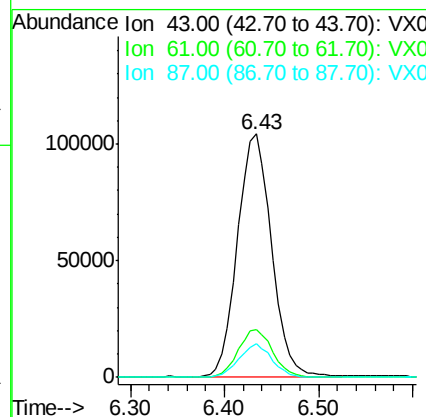
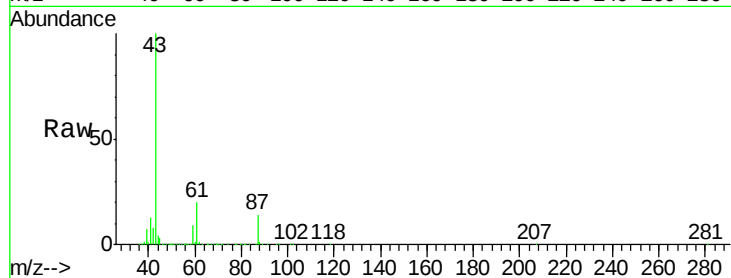
#43
Isopropyl Acetate
Concen: 54.067 ug/l
RT: 6.43 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	13.6	10.6	16.0

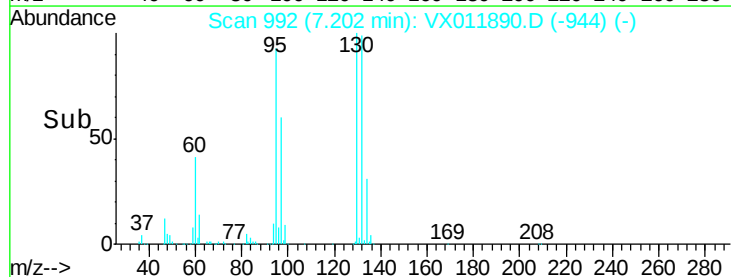
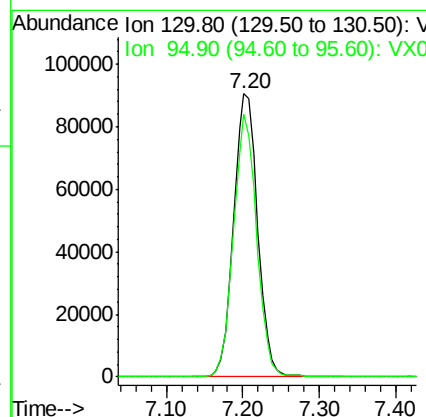
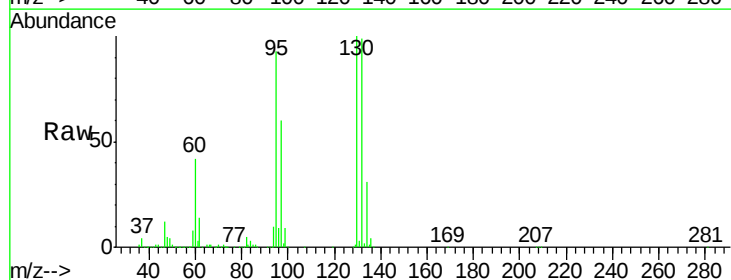
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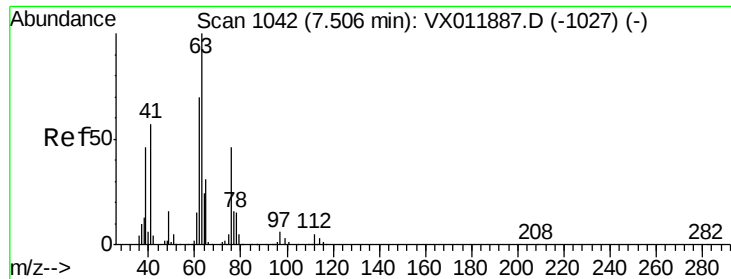
MMDadoda
9/3/2019 2:39:20 AM



#44
Trichloroethene
Concen: 52.635 ug/l
RT: 7.20 min Scan# 992
Delta R.T. -0.01 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	174.6





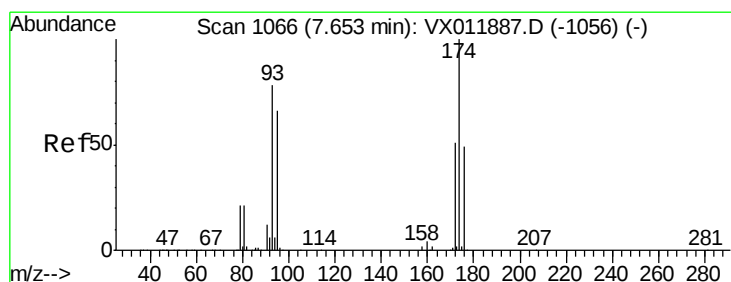
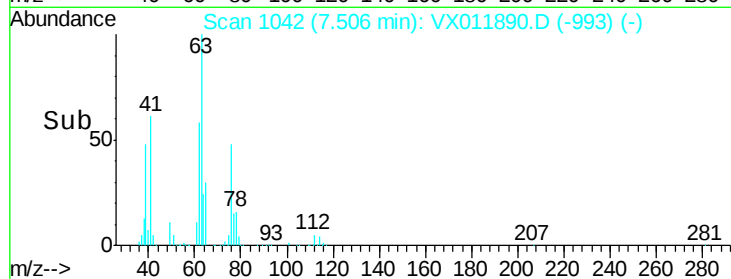
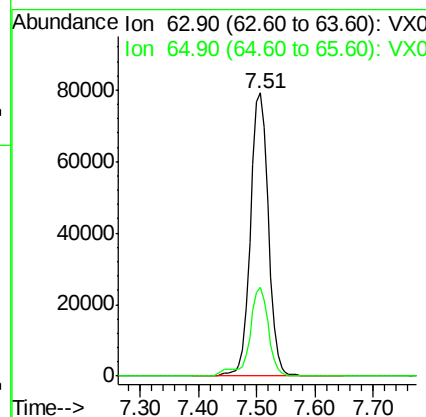
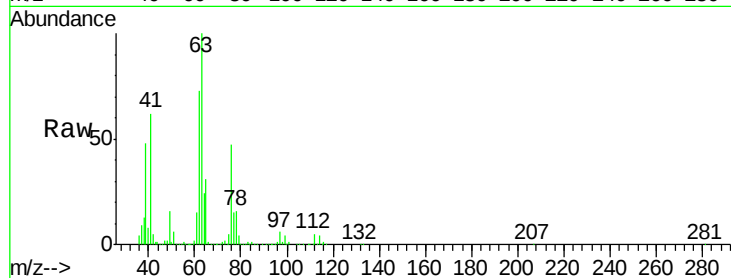
#45
 1,2-Dichloropropane
 Concen: 53.309 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.1	37.7

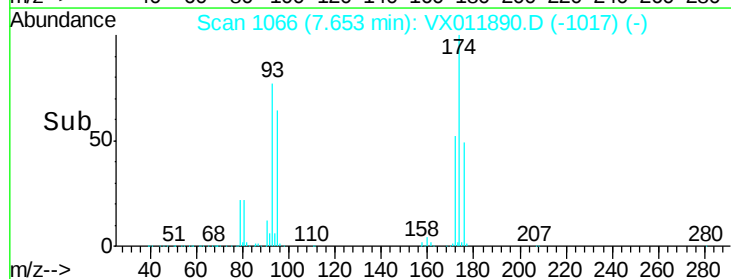
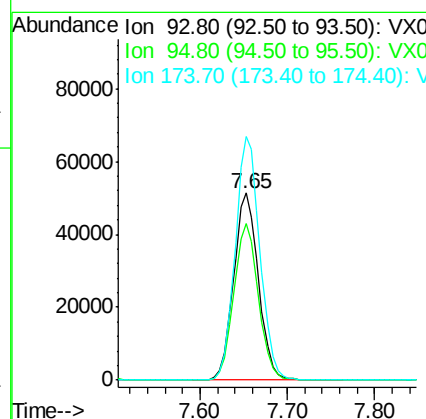
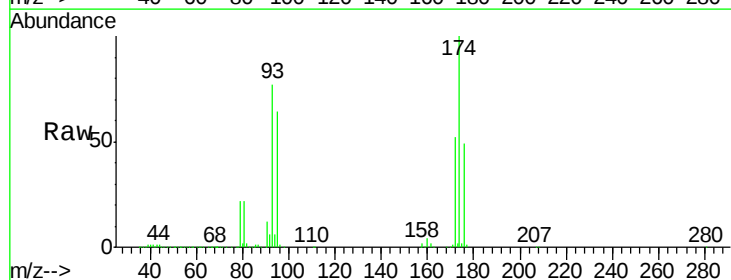
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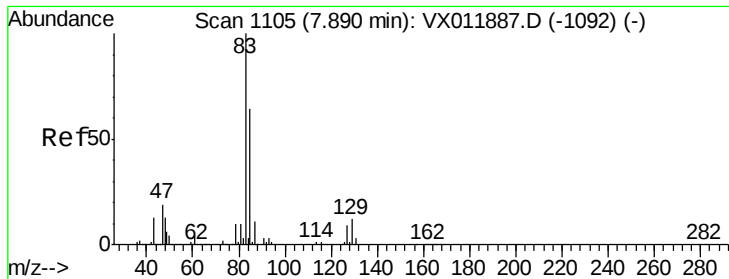
MMDadoda
 9/3/2019 2:39:20 AM



#46
 Dibromomethane
 Concen: 54.082 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.7	98.5
174	129.6	104.2	156.4





#47

Bromodichloromethane

Concen: 53.555 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

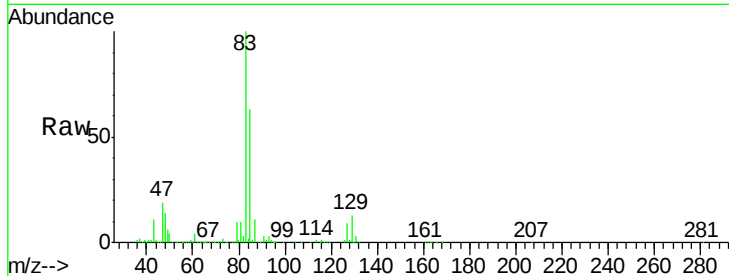
ClientSampleId :

ICVVX082919

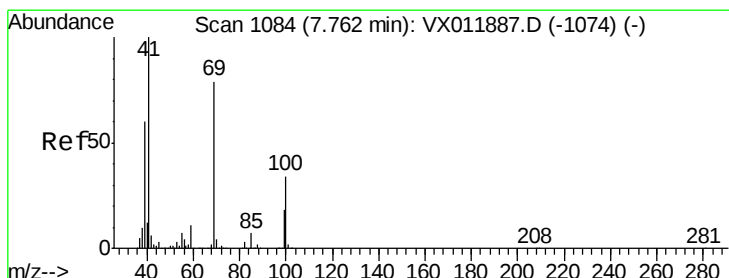
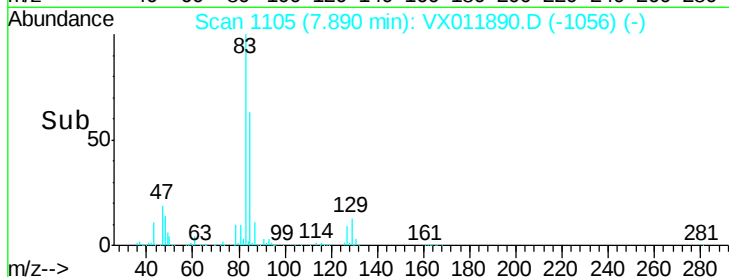
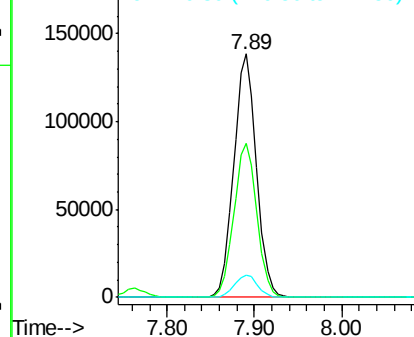
Tot Ion:	83	Resp:	248606
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.1	76.7
127	9.3	7.4	11.2

Manual Integrations
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9/3/2019 2:39:20 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.808 ug/l

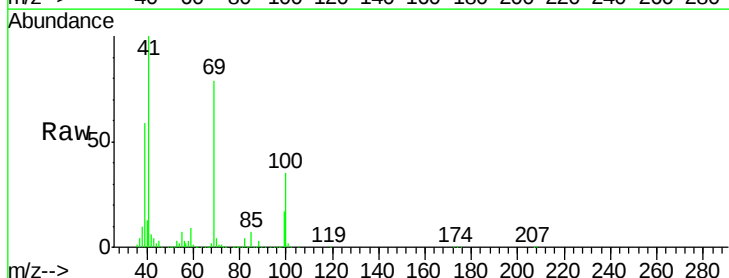
RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

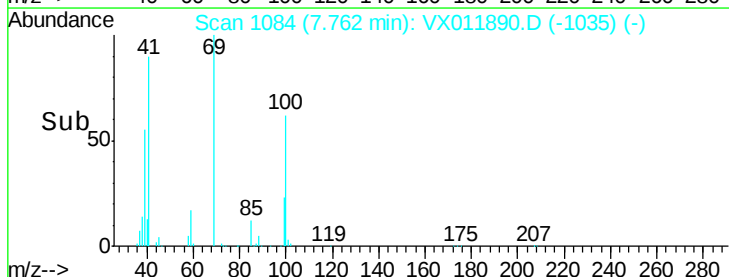
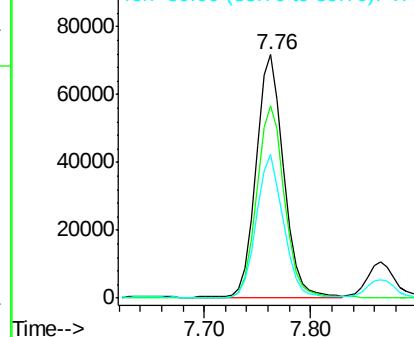
Lab File: VX011890.D

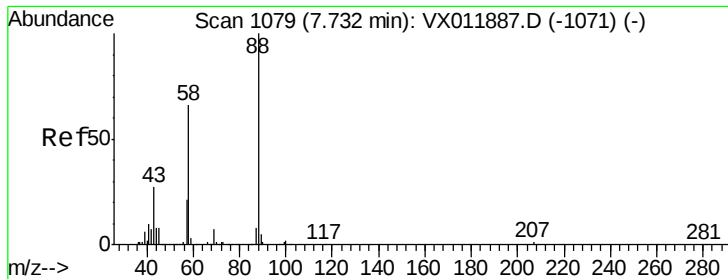
Acq: 30 Aug 2019 00:25

Tgt Ion:	41	Resp:	129295
Ion	Ratio	Lower	Upper
41	100		
69	79.9	64.4	96.6
39	57.8	47.2	70.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





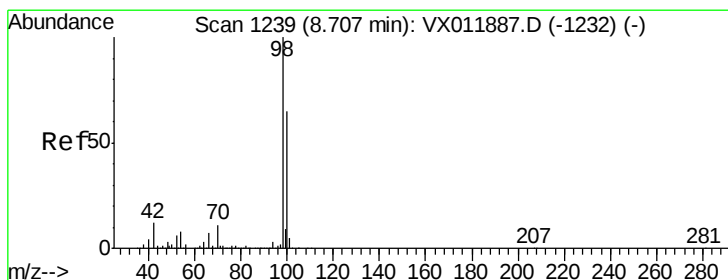
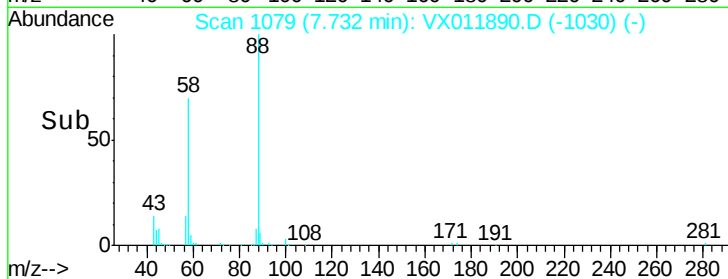
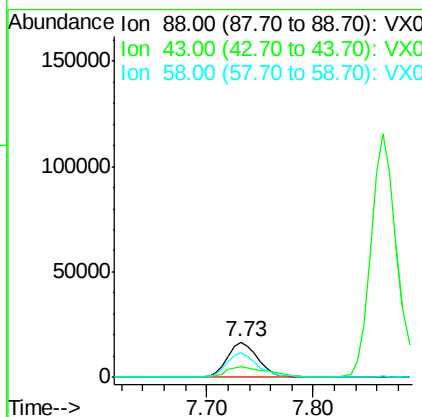
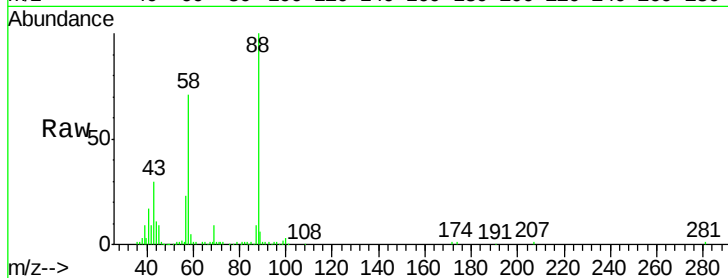
#49
1,4-Dioxane
Concen: 1049.233 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	27.3	40.9
58	68.8	53.9	80.9

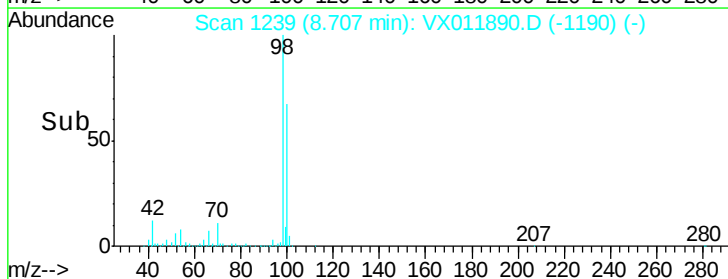
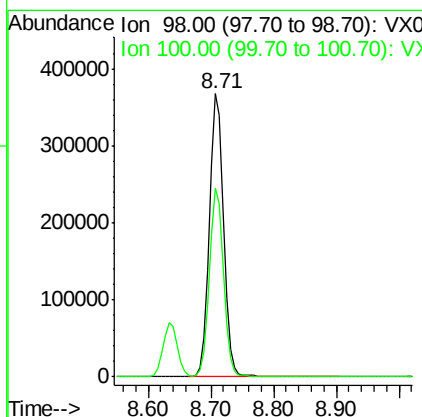
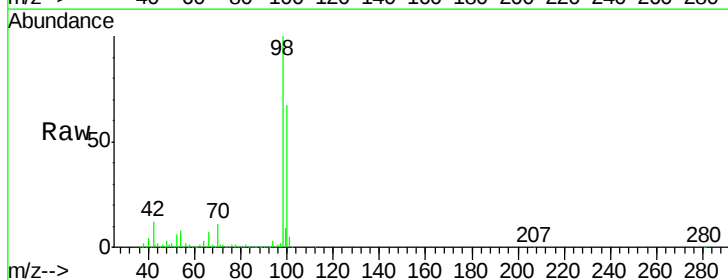
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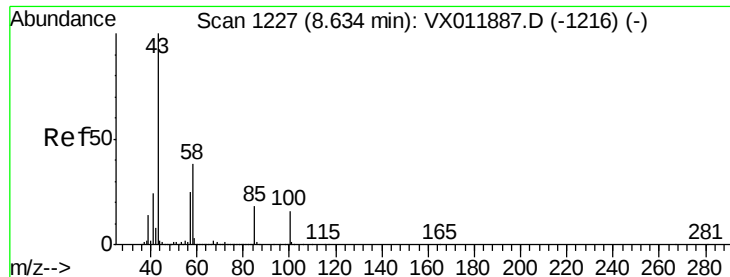
MMDadoda
9/3/2019 2:39:20 AM



#50
Toluene-d8
Concen: 49.354 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 268.728 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 43 Resp: 661883

Ion Ratio Lower Upper

43 100

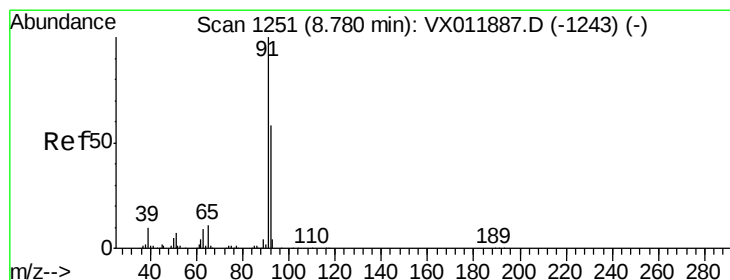
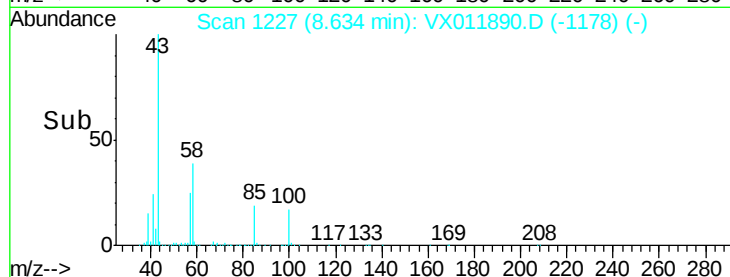
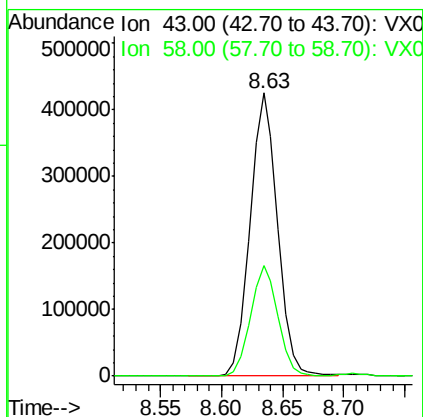
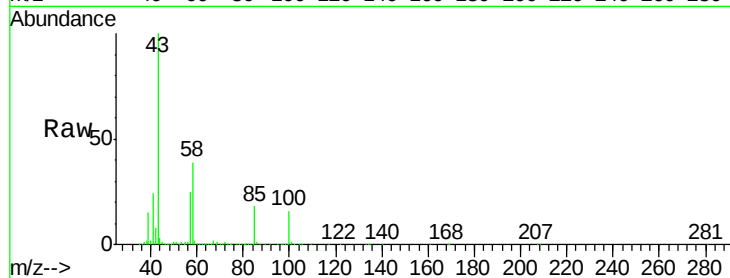
58 38.9 30.9 46.3

Manual Integrations

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MMDadoda

9/3/2019 2:39:20 AM



#52

Toluene

Concen: 52.904 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011890.D

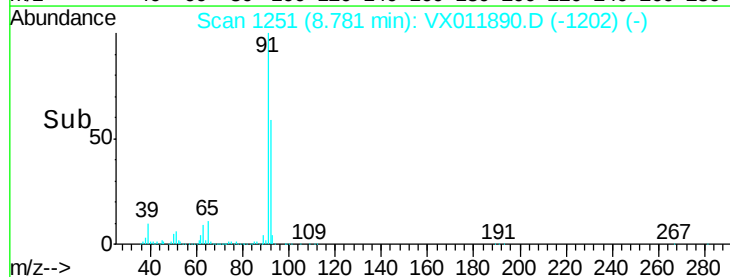
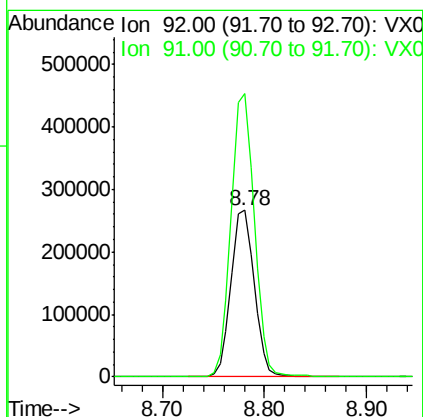
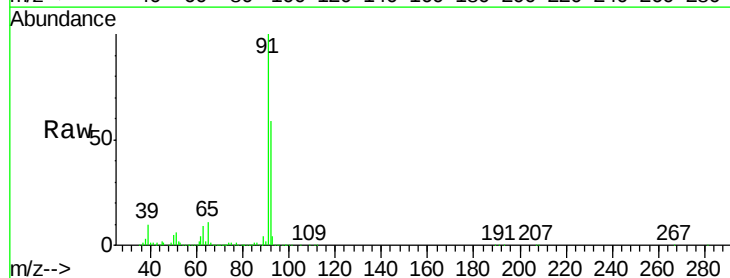
Acq: 30 Aug 2019 00:25

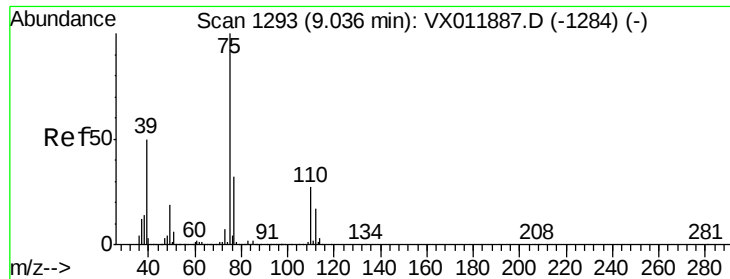
Tgt Ion: 92 Resp: 422058

Ion Ratio Lower Upper

92 100

91 170.4 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 53.599 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 75 Resp: 254862

Ion Ratio Lower Upper

75 100

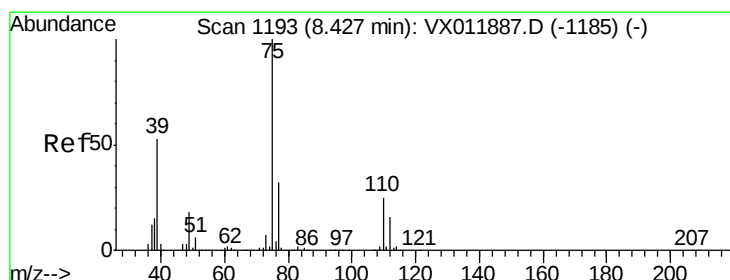
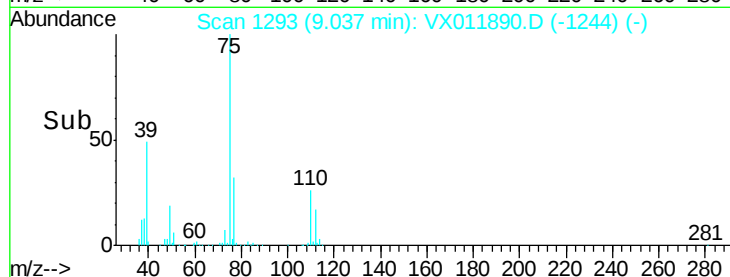
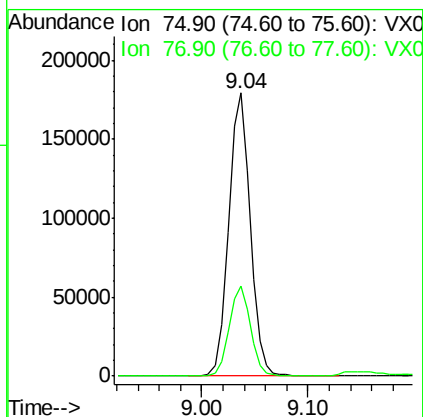
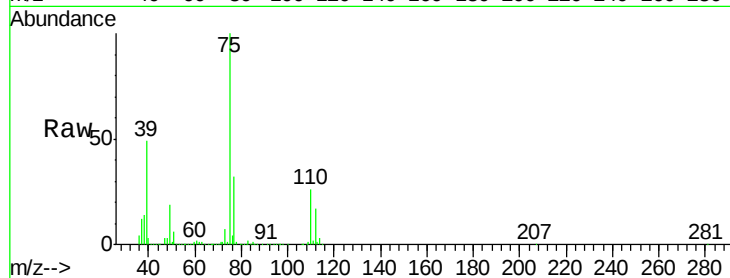
77 31.6 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 53.310 ug/l

RT: 8.43 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

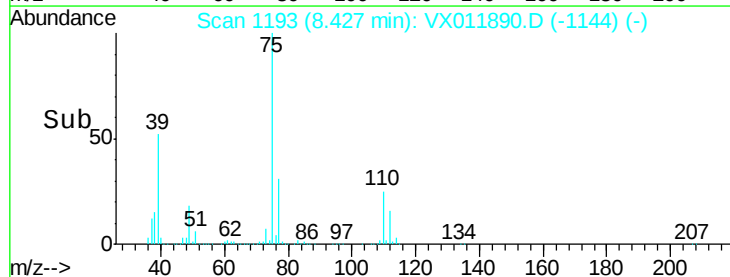
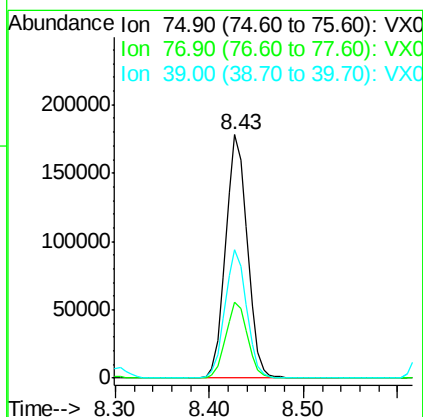
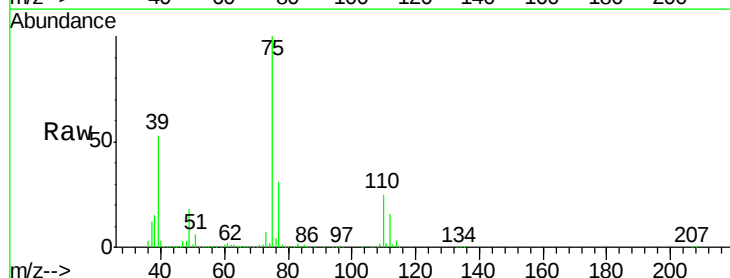
Tgt Ion: 75 Resp: 284552

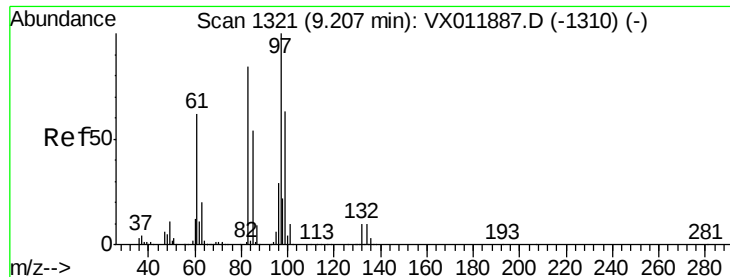
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 52.5 42.6 64.0





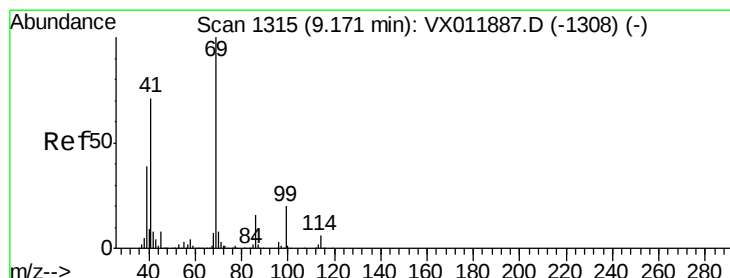
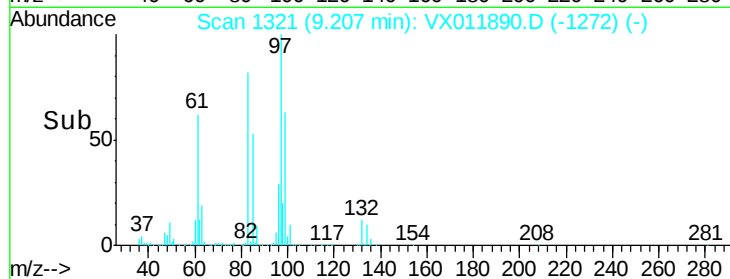
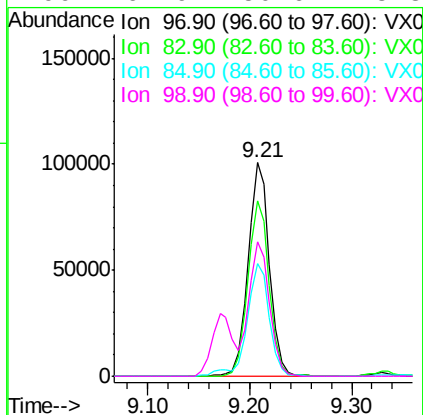
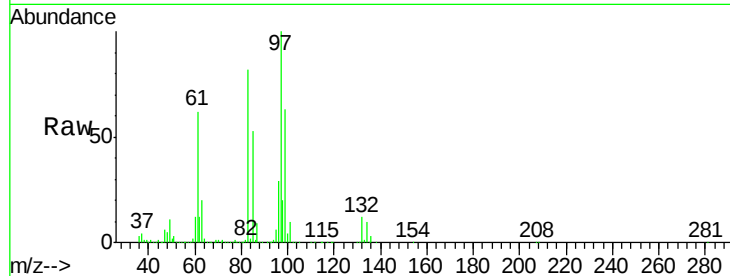
#55
 1,1,2-Trichloroethane
 Concen: 53.485 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		146579		
83	82.0	66.8	100.2		
85	52.8	43.5	65.3		
99	62.9	50.6	75.8		

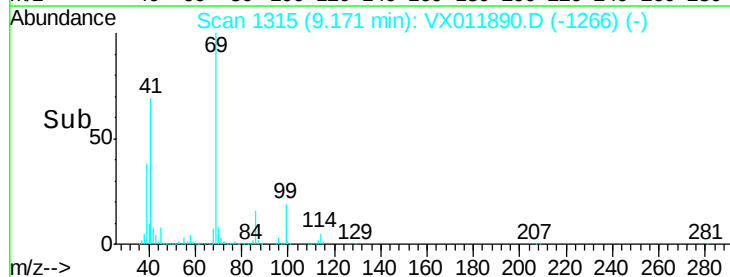
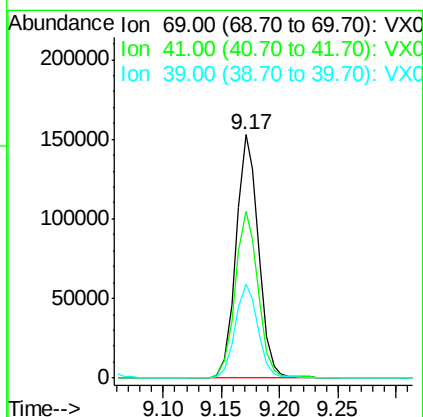
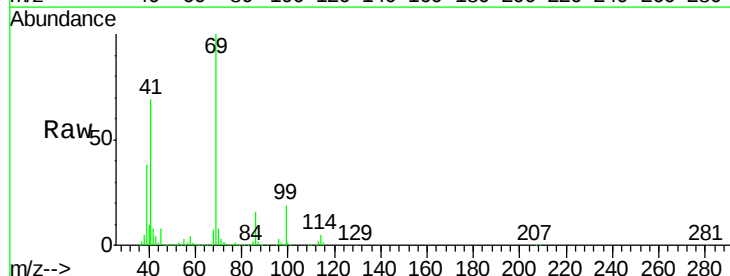
Manual Integrations
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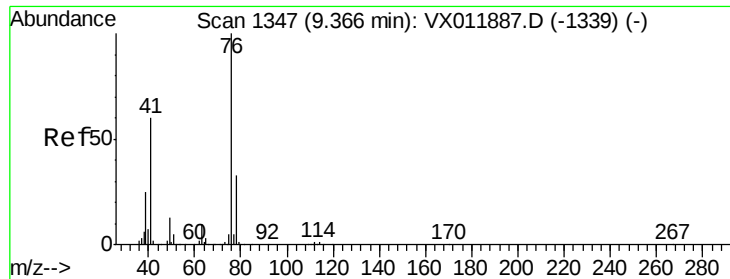
MMDadoda
 9/3/2019 2:39:20 AM



#56
 Ethyl methacrylate
 Concen: 54.087 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		205727		
41	69.1	55.8	83.8		
39	39.1	31.1	46.7		





#57

1,3-Dichloropropane

Concen: 53.505 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 76 Resp: 243383

Ion Ratio Lower Upper

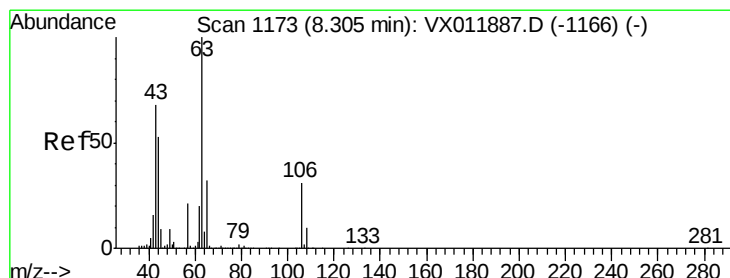
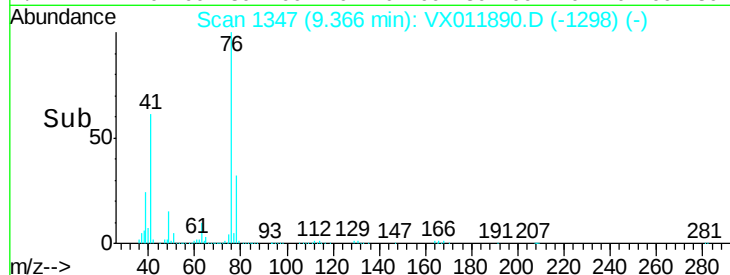
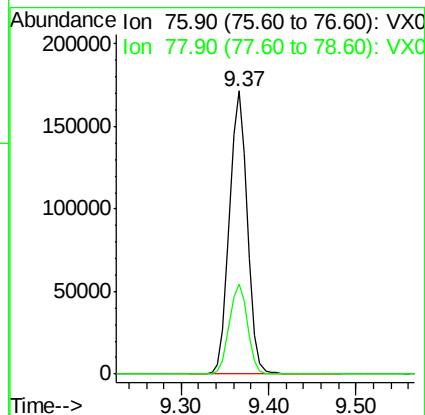
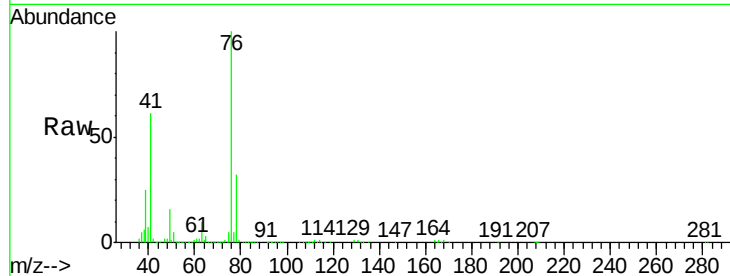
76 100

78 32.5 26.4 39.6

Manual Integrations
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MMDadoda

9/3/2019 2:39:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 263.831 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011890.D

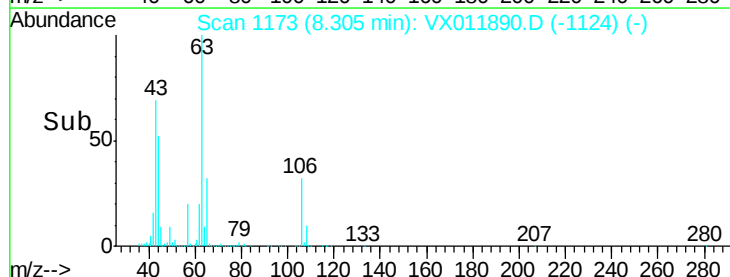
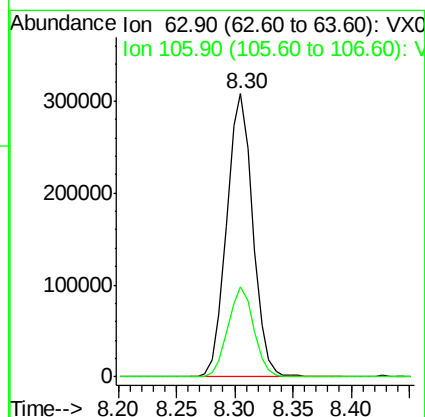
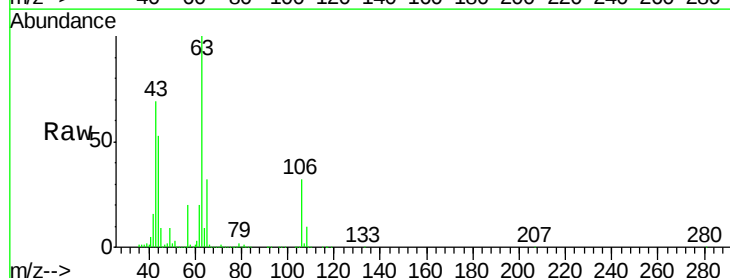
Acq: 30 Aug 2019 00:25

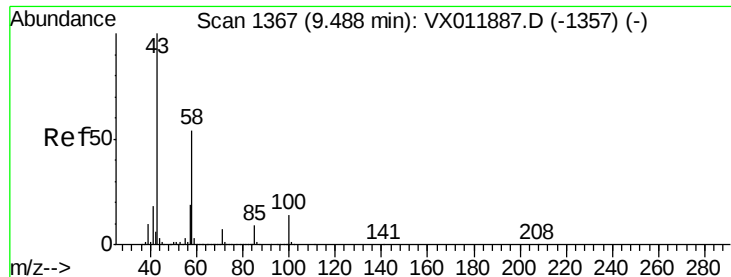
Tgt Ion: 63 Resp: 477962

Ion Ratio Lower Upper

63 100

106 31.5 24.8 37.2





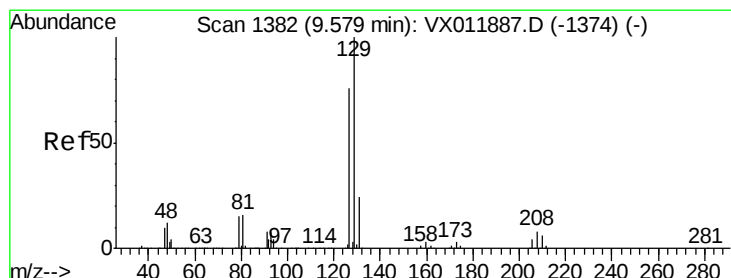
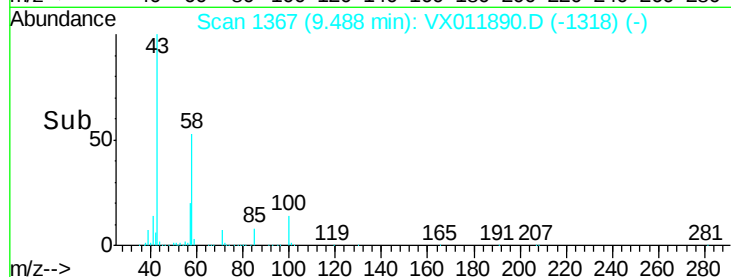
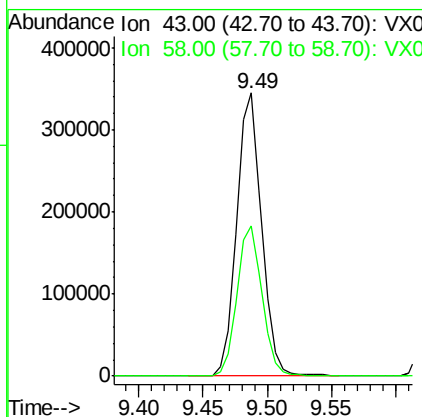
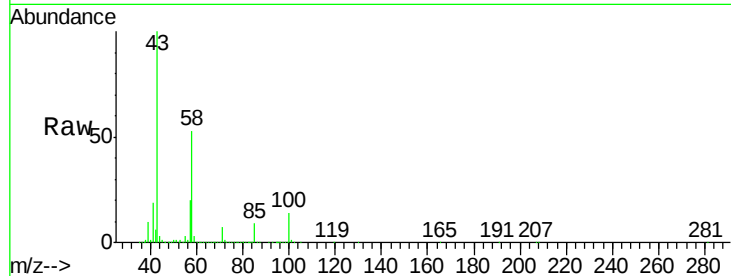
#59
2-Hexanone
Concen: 264.844 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	26.8	80.4

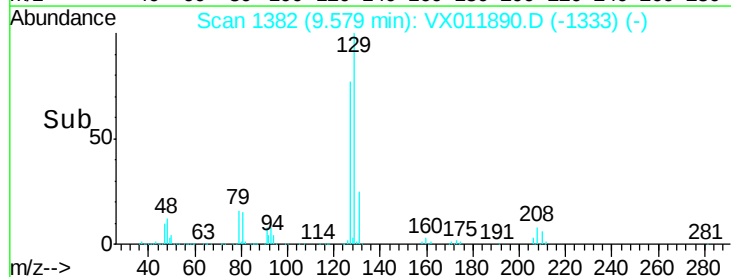
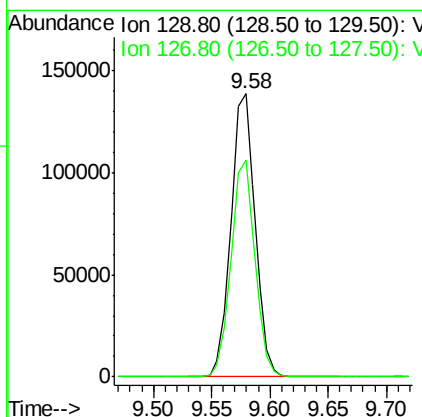
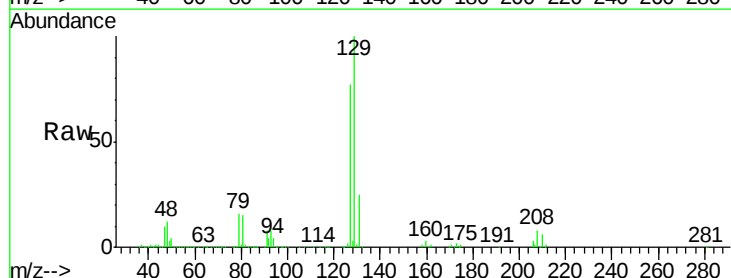
Manual Integrations
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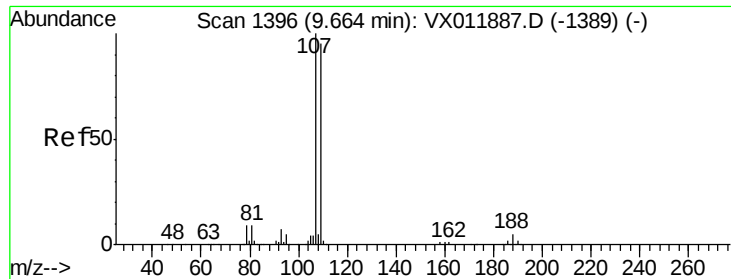
MMDadoda
9/3/2019 2:39:20 AM



#60
Dibromochloromethane
Concen: 54.639 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.7





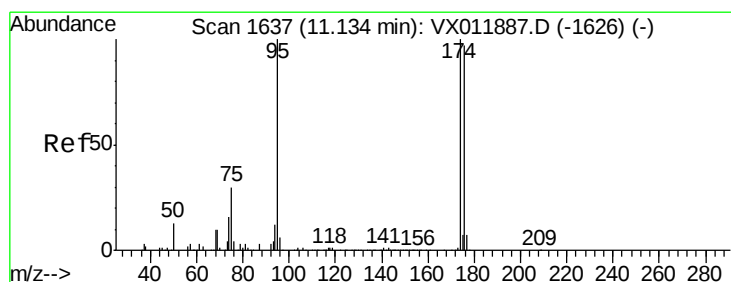
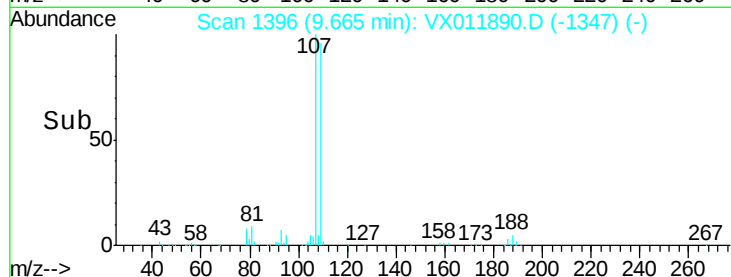
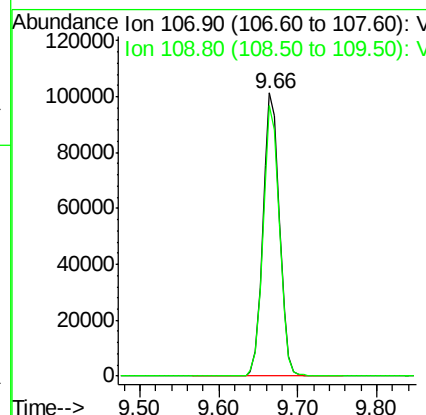
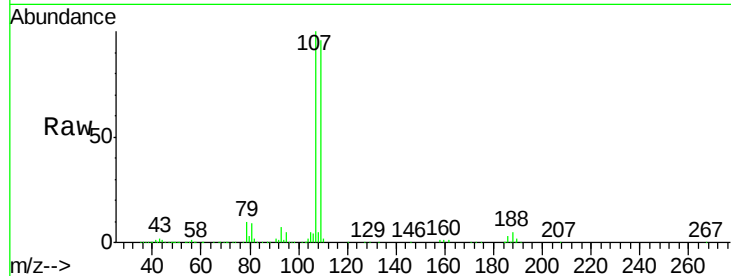
#61
 1,2-Dibromoethane
 Concen: 54.222 ug/l
 RT: 9.66 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.3	112.9

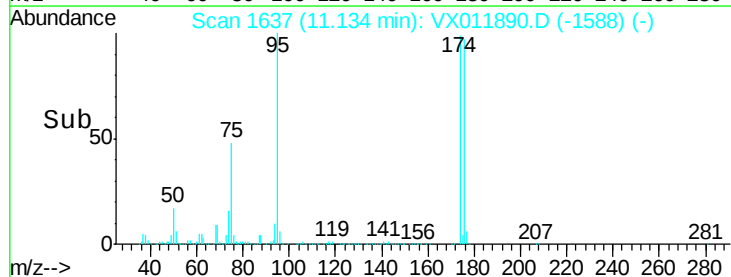
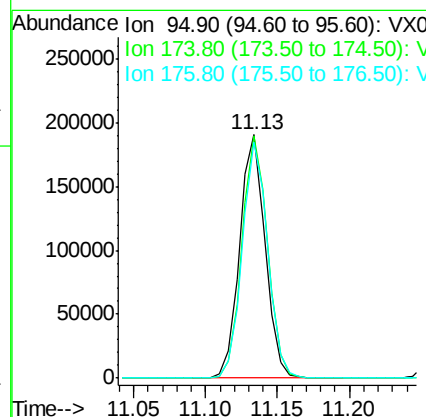
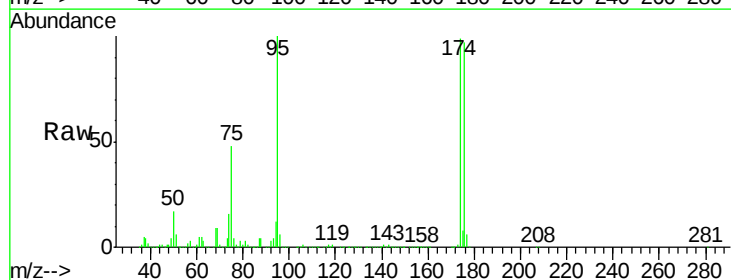
Manual Integrations
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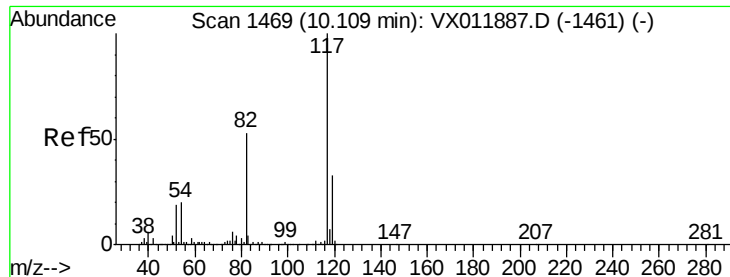
MMDadoda
 9/3/2019 2:39:20 AM



#62
 4-Bromofluorobenzene
 Concen: 46.020 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	0.0	196.0
176	96.3	0.0	191.4





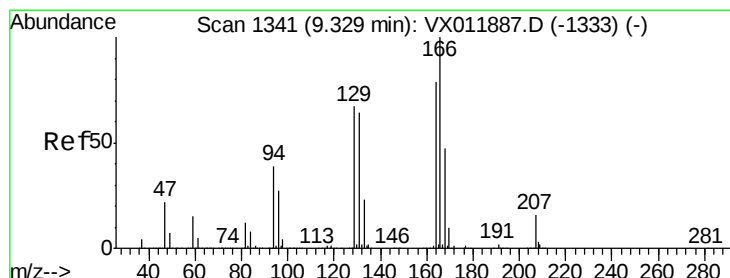
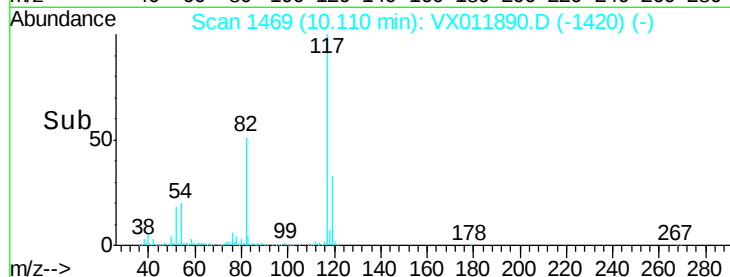
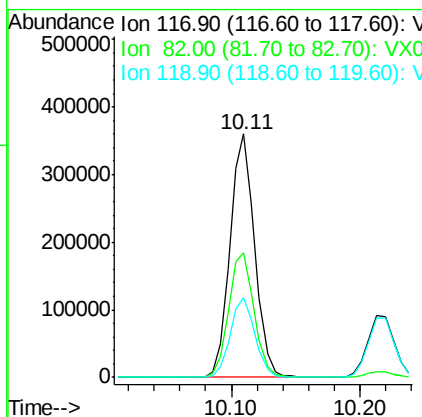
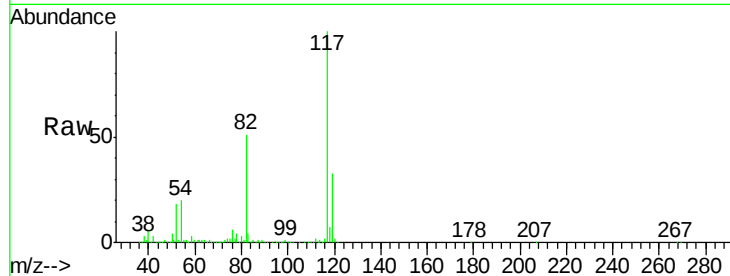
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Resp	Lower	Upper
117	100	482835		
82	50.9	42.0	63.0	
119	32.6	26.2	39.4	

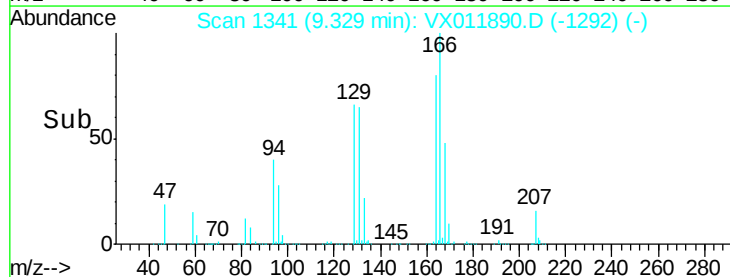
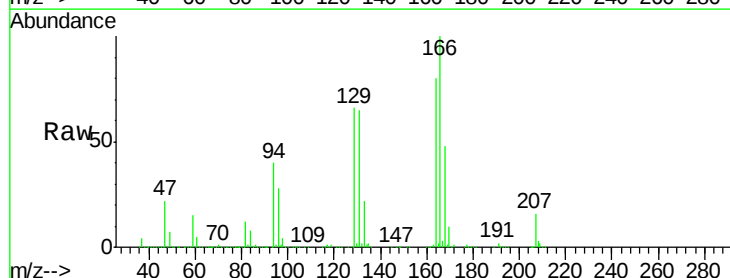
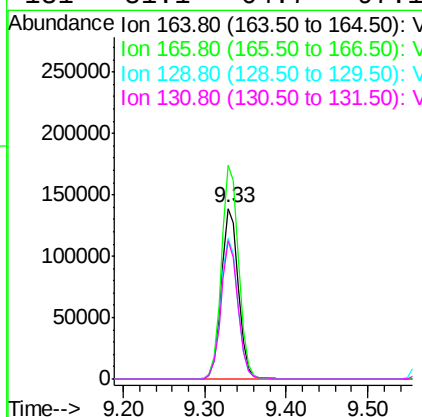
Manual Integrations
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#64
Tetrachloroethene
Concen: 51.772 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201077		
166	125.4	101.4	152.0	
129	82.5	68.0	102.0	
131	81.1	64.7	97.1	





#65

Chlorobenzene

Concen: 52.967 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion:112 Resp: 495595

Ion Ratio Lower Upper

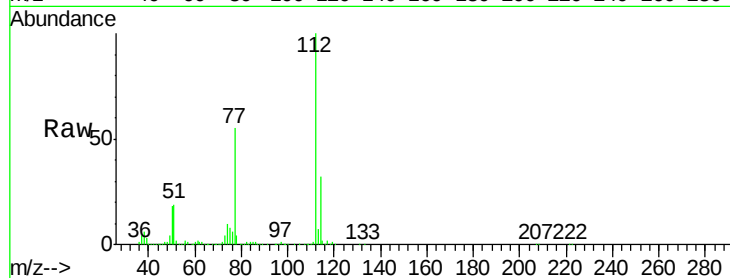
112 100

114 31.8 25.9 38.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

400000

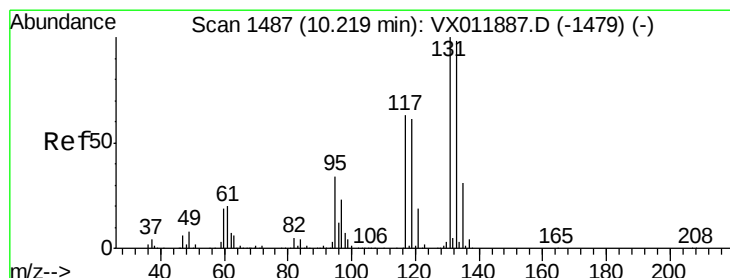
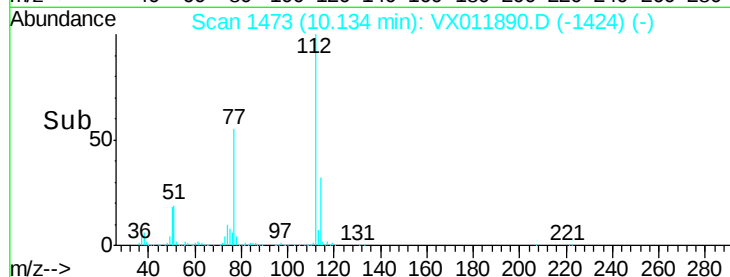
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 53.179 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

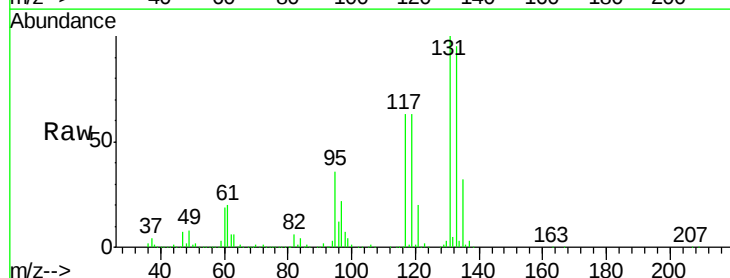
Tgt Ion:131 Resp: 201216

Ion Ratio Lower Upper

131 100

133 95.6 48.4 145.0

119 62.6 30.6 92.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

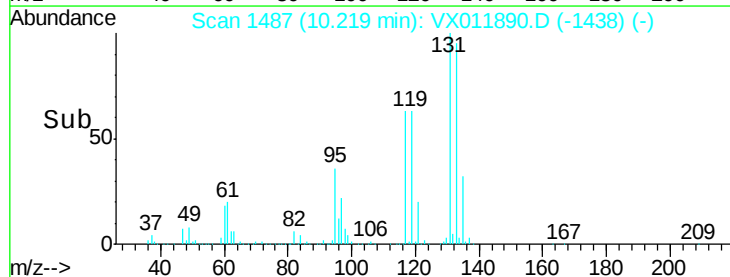
150000

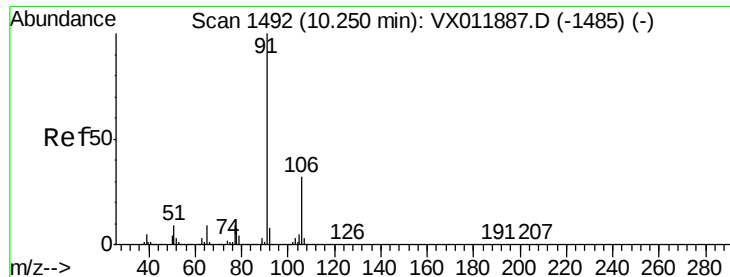
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 51.904 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 91 Resp: 826097

Ion Ratio Lower Upper

91 100

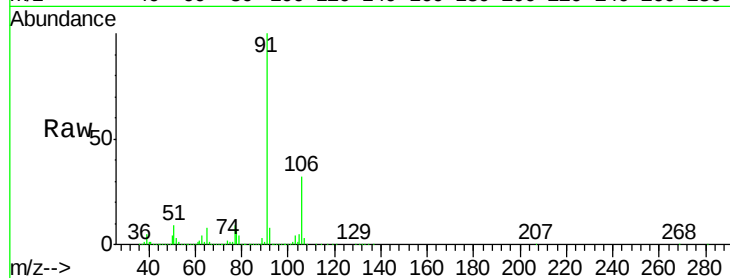
106 32.0 25.8 38.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX011887.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX011887.D (-1485) (-)

1000000

800000

600000

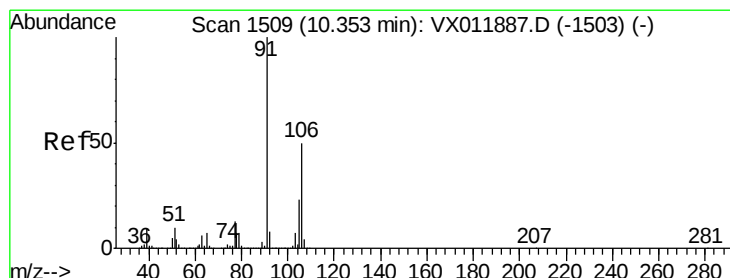
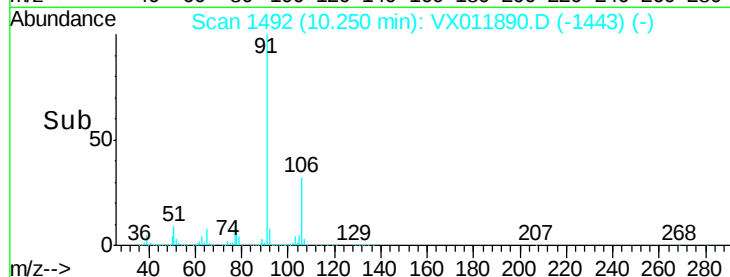
400000

200000

0

10.10 10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 103.675 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011890.D

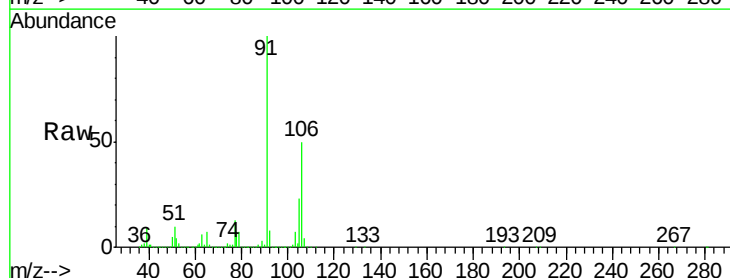
Acq: 30 Aug 2019 00:25

Tgt Ion: 106 Resp: 637146

Ion Ratio Lower Upper

106 100

91 198.8 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): VX011887.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX011887.D (-1503) (-)

1000000

800000

600000

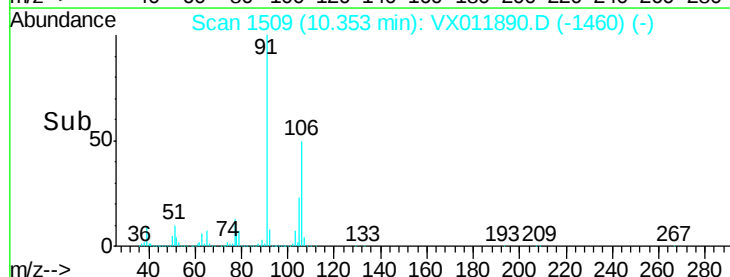
400000

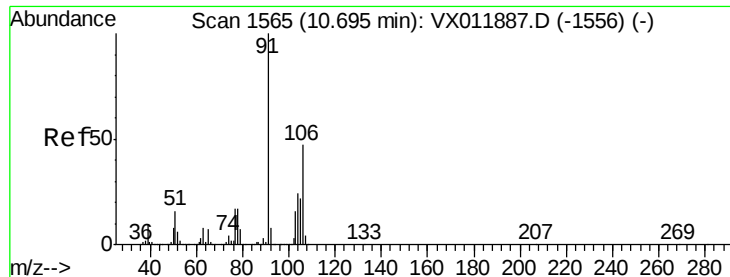
200000

0

10.30 10.40

Time-->





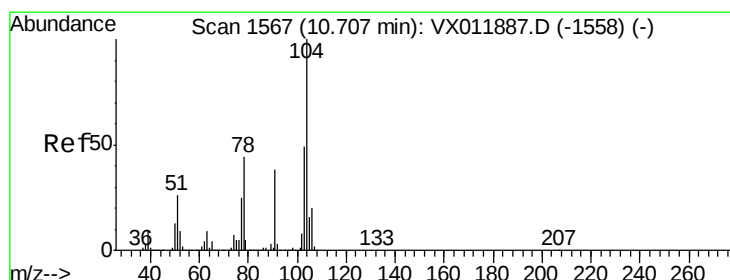
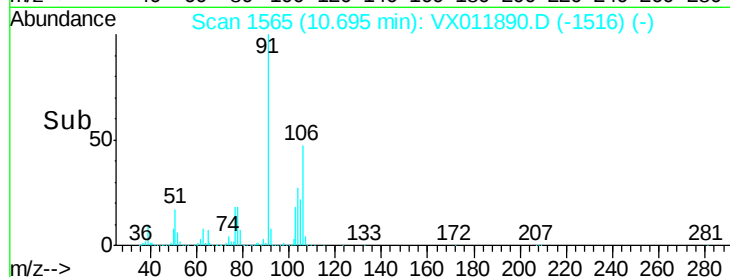
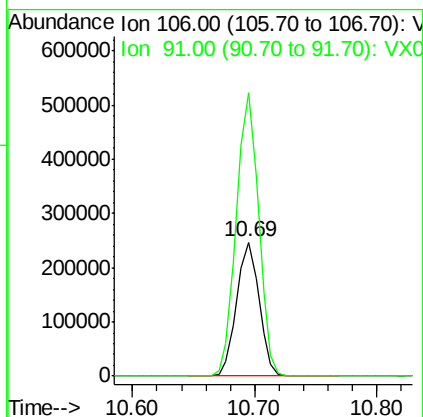
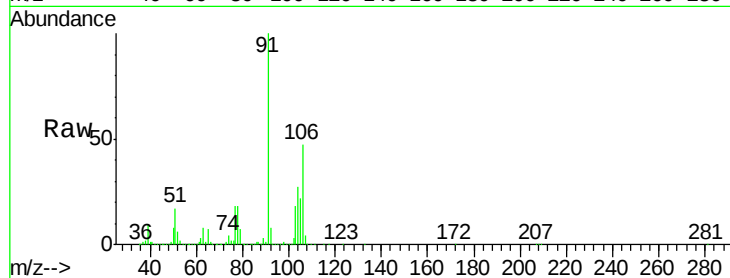
#69
o-Xylene
Concen: 52.434 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.3	104.8	314.6		

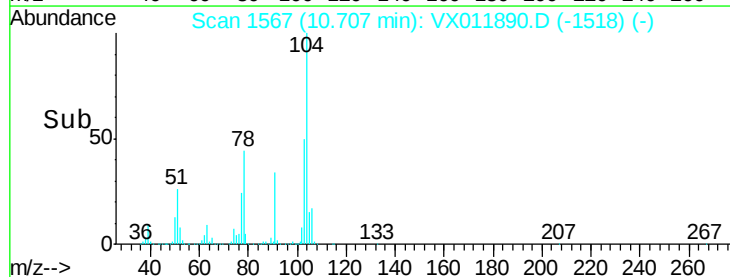
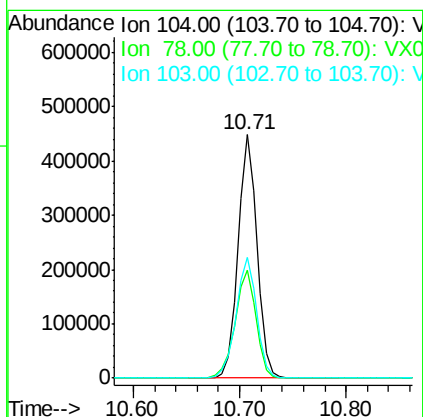
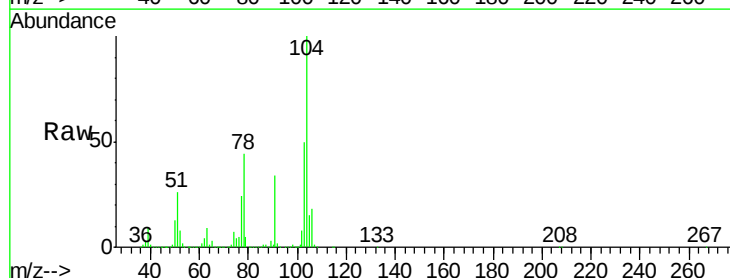
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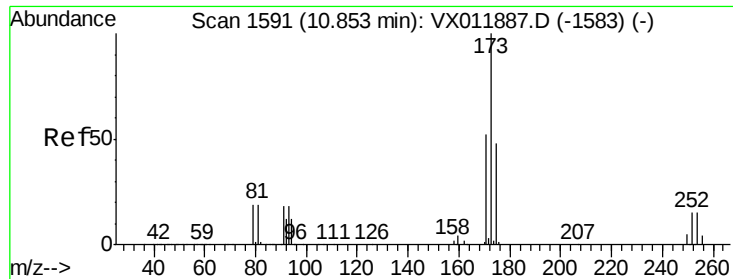
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#70
Styrene
Concen: 53.143 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.1	39.2	58.8		
103	53.8	43.0	64.6		





#71

Bromoform

Concen: 54.405 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

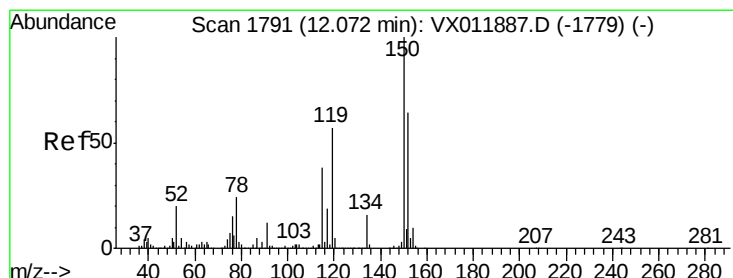
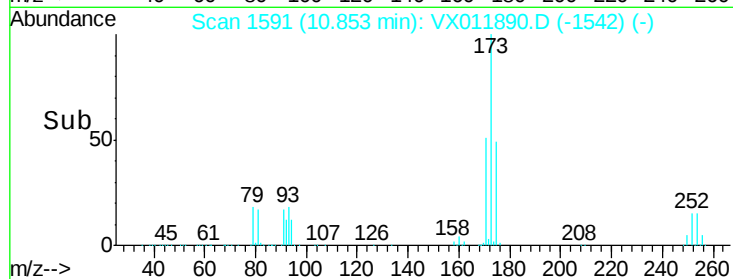
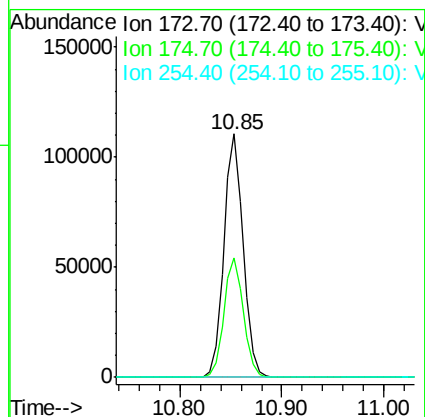
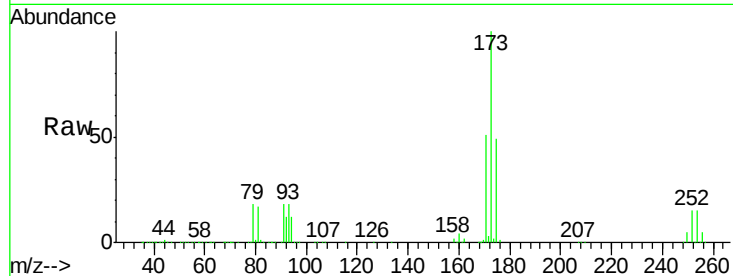
ClientSampled :

ICVVX082919

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.2
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

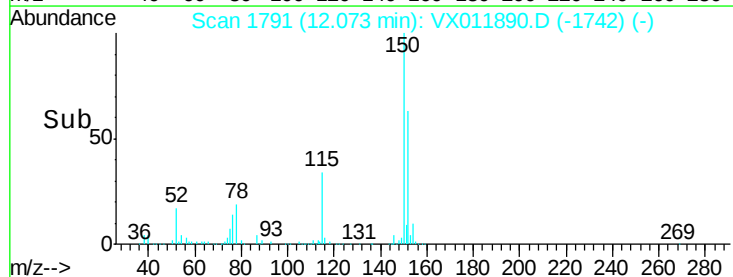
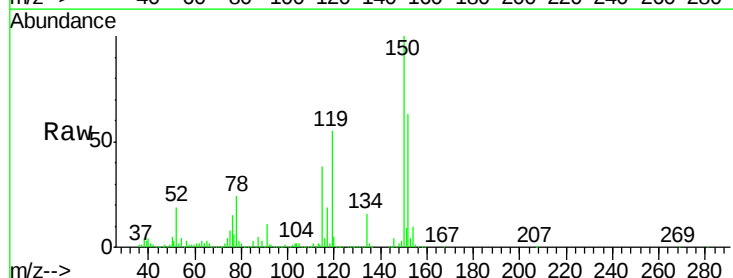
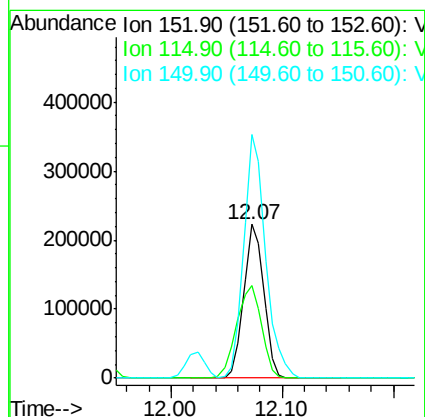
RT: 12.07 min Scan# 1791

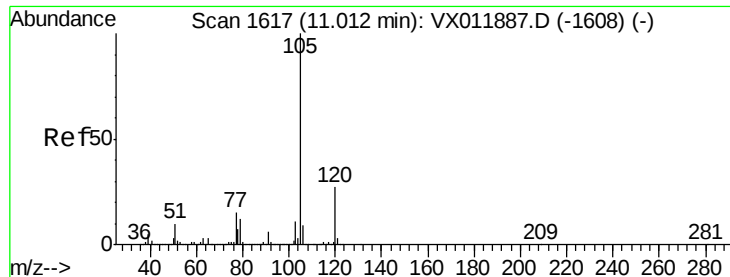
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.0	37.1	111.3
150	172.7	0.0	339.6





#73

Isopropylbenzene

Concen: 52.029 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion: 105 Resp: 828419

Ion Ratio Lower Upper

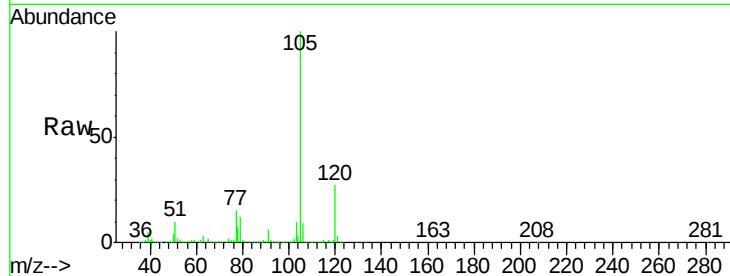
105 100

120 27.5 13.8 41.4

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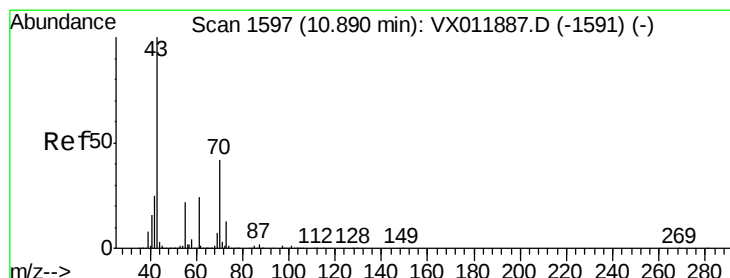
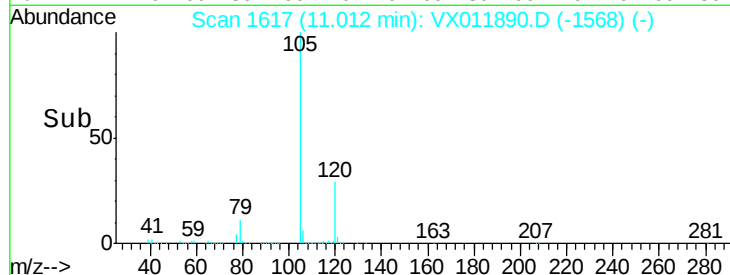
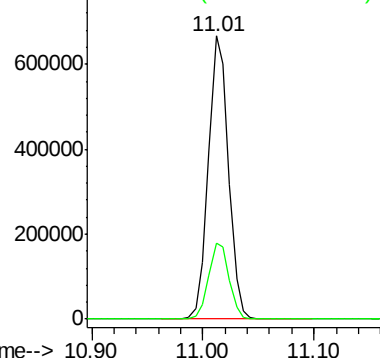
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.157 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion: 43 Resp: 255899

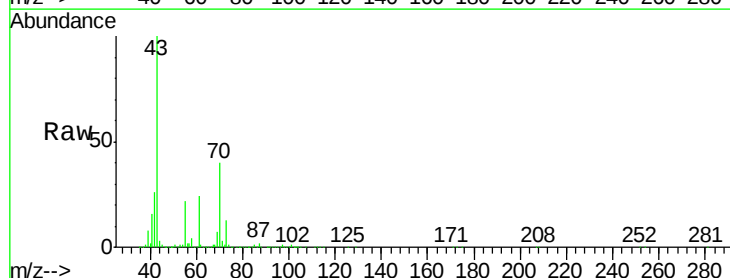
Ion Ratio Lower Upper

43 100

70 41.4 0.2 0.2#

55 22.7 0.1 0.1#

61 24.0 16.4 24.6

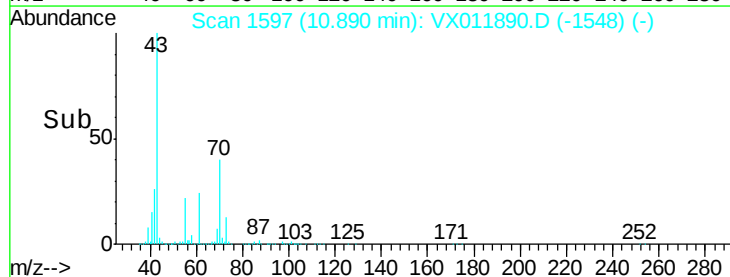
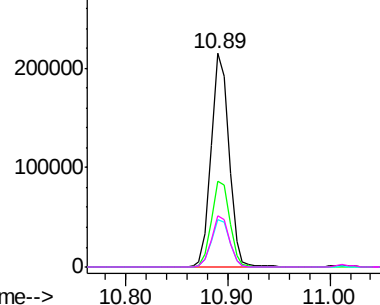


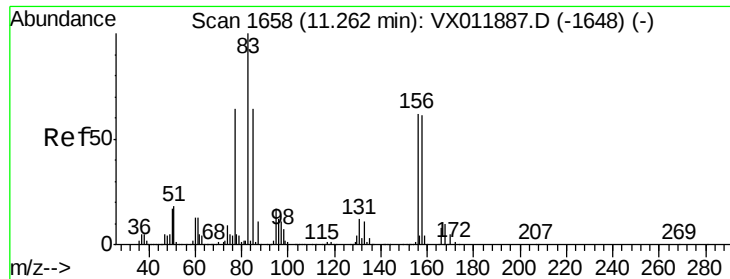
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.597 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

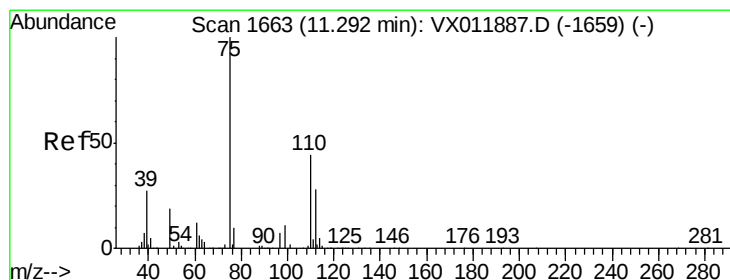
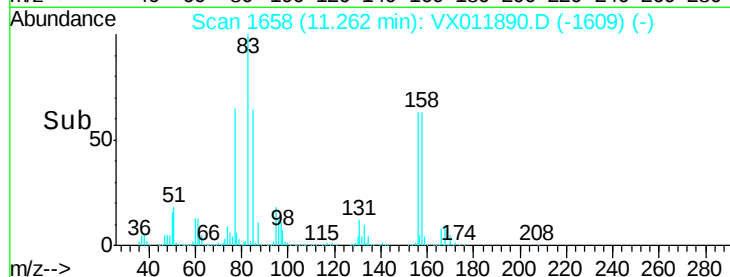
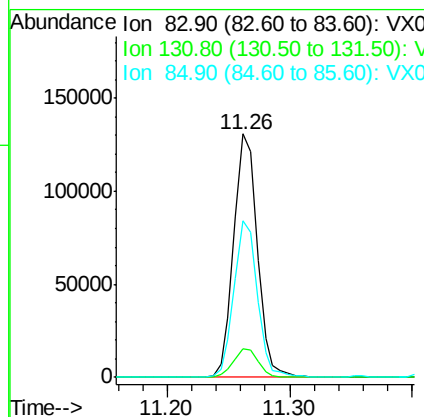
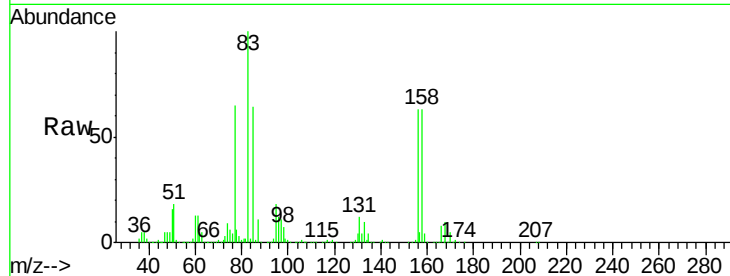
ClientSampleId :

ICVVX082919

Tot Ion:	83	Resp:	174650
Ion	Ratio	Lower	Upper
83	100		
131	12.3	6.0	18.0
85	63.8	31.9	95.9

Manual Integrations
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9/3/2019 2:39:20 AM



#76

1,2,3-Trichloropropane

Concen: 54.564 ug/l m

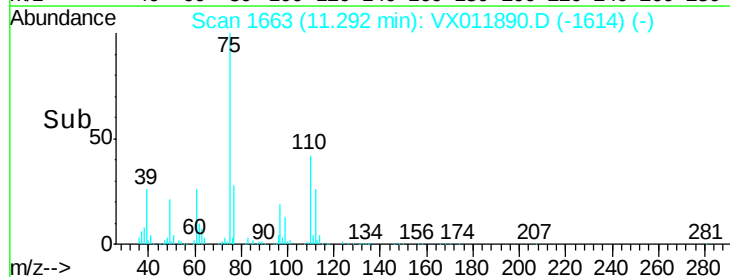
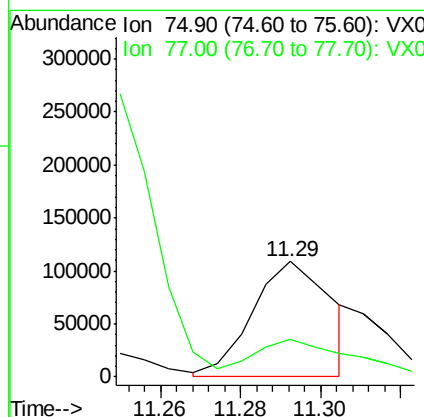
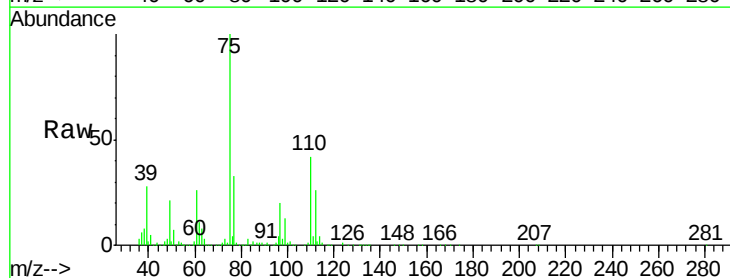
RT: 11.29 min Scan# 1663

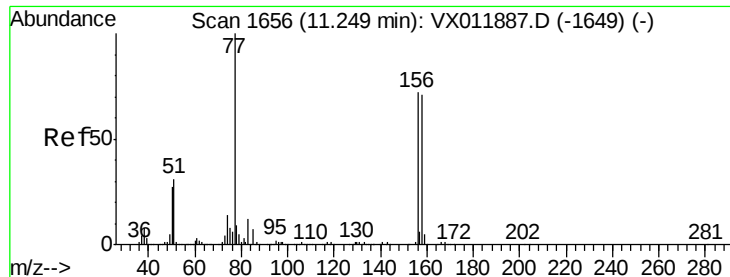
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion:	75	Resp:	148739
Ion	Ratio	Lower	Upper
75	100		
77	40.8	20.9	62.7





#77

Bromobenzene

Concen: 53.307 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

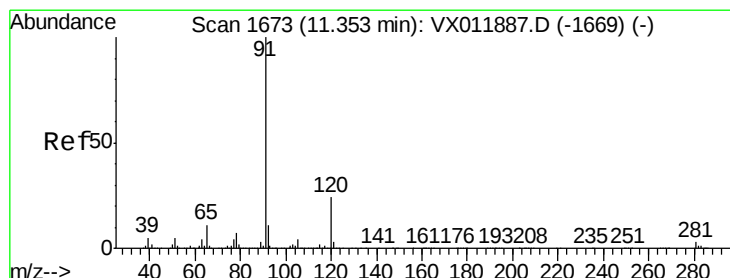
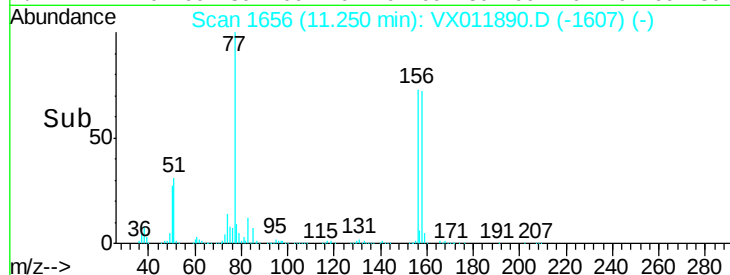
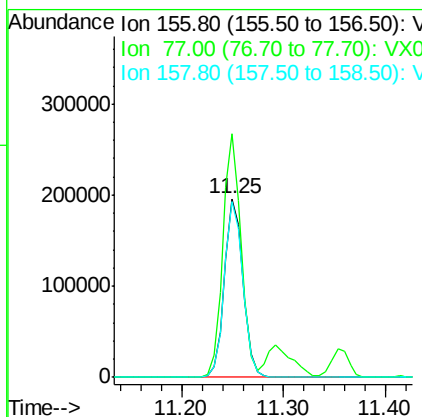
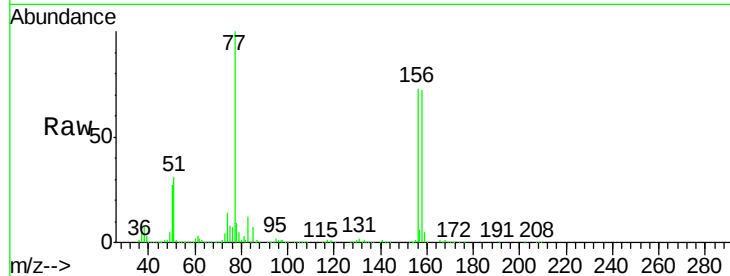
ClientSampleId :

ICVVX082919

Tot Ion:	156	Resp:	246161
Ion Ratio	Lower	Upper	
156	100		
77	134.6	68.1	204.3
158	98.9	48.9	146.8

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#78

n-propylbenzene

Concen: 51.797 ug/l

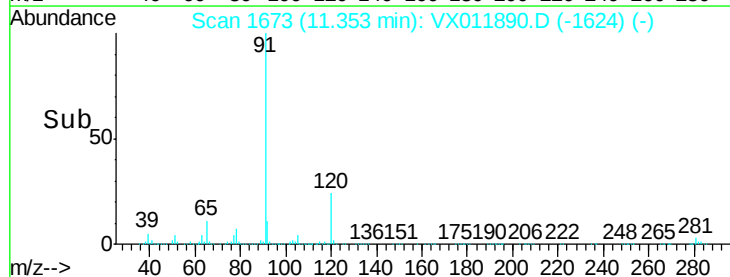
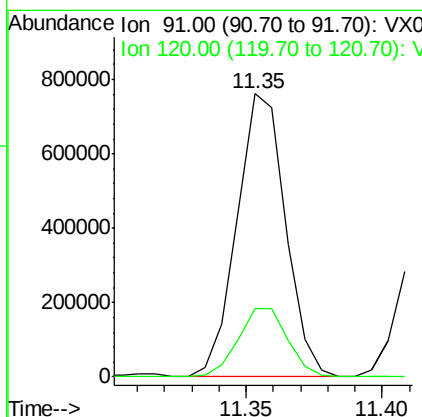
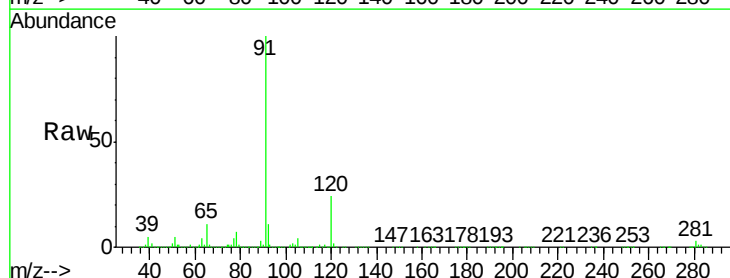
RT: 11.35 min Scan# 1673

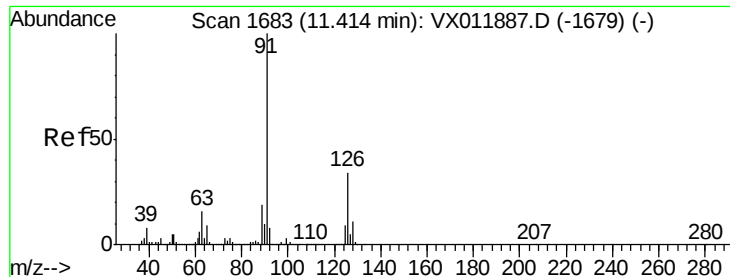
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion:	91	Resp:	935199
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.9





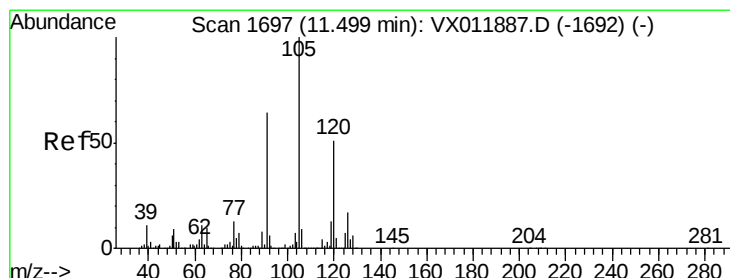
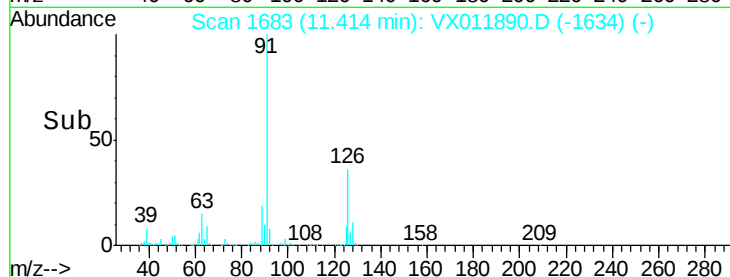
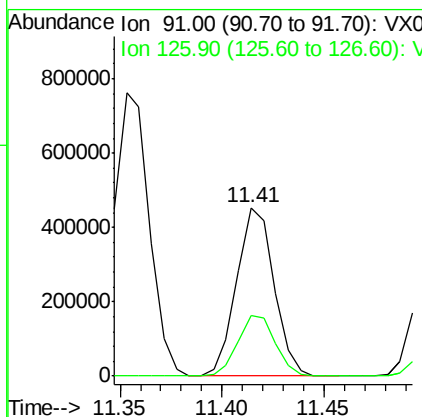
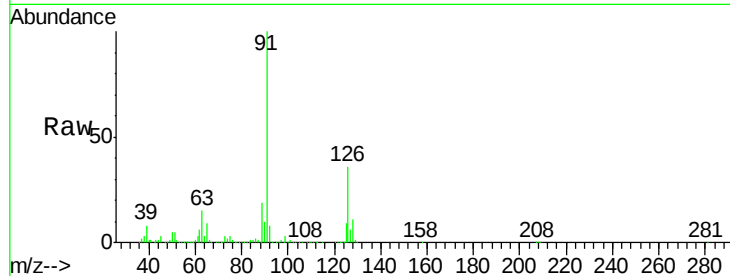
#79
 2-Chlorotoluene
 Concen: 52.927 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tot Ion: 91 Resp: 575199
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.9 53.8

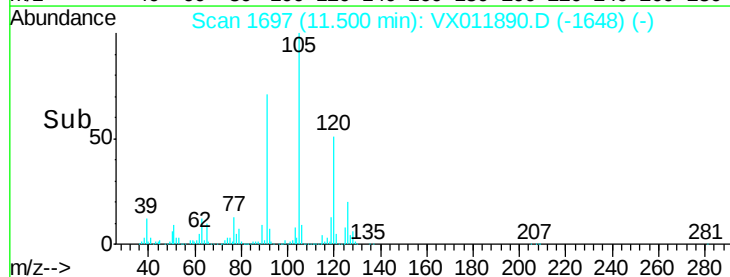
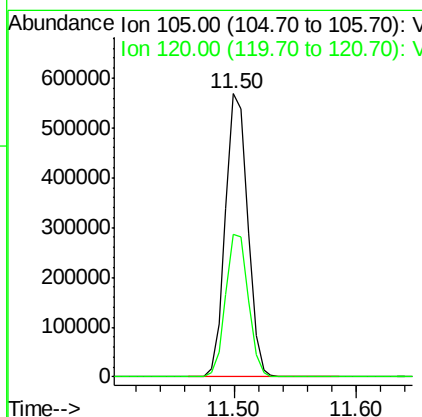
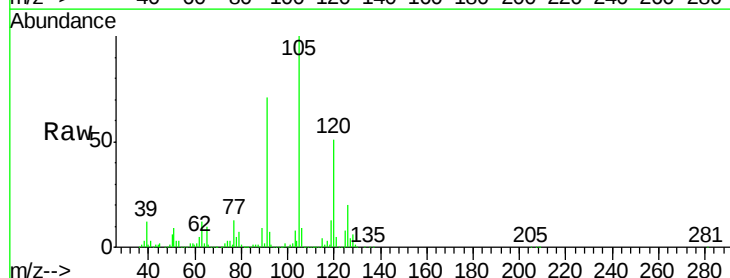
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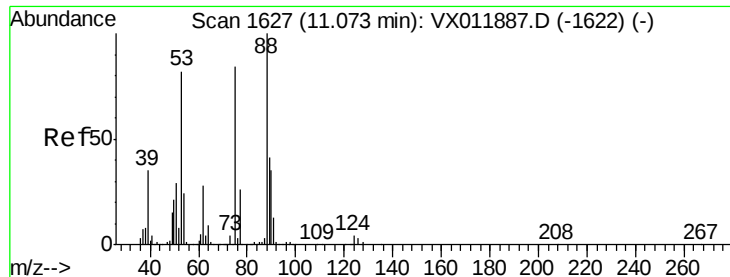
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.215 ug/l
 RT: 11.50 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion: 105 Resp: 717602
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.642 ug/l

RT: 11.07 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

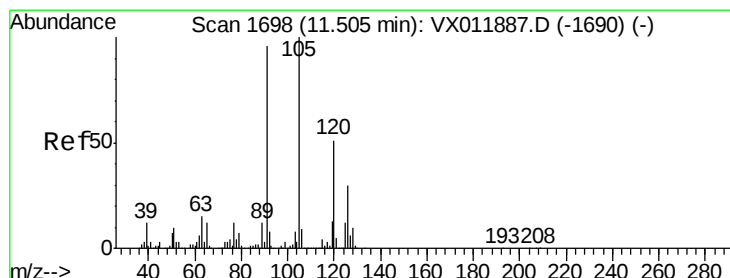
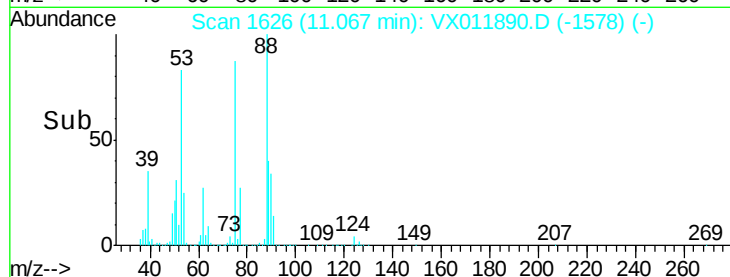
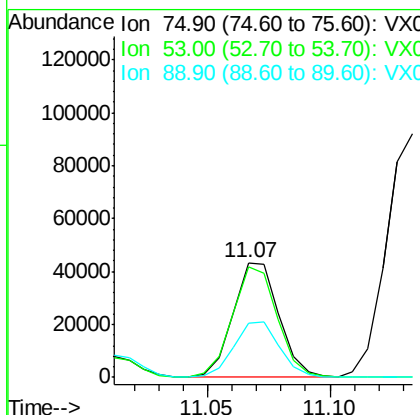
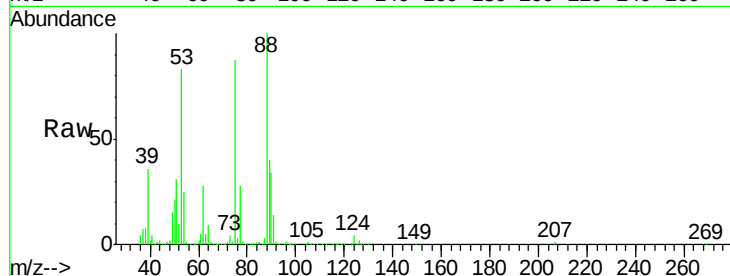
ClientSampleId :

ICVVX082919

Tot Ion:	75	Resp:	56037
Ion	Ratio	Lower	Upper
75	100		
53	94.5	77.1	115.7
89	48.4	38.2	57.2

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#82

4-Chlorotoluene

Concen: 52.208 ug/l

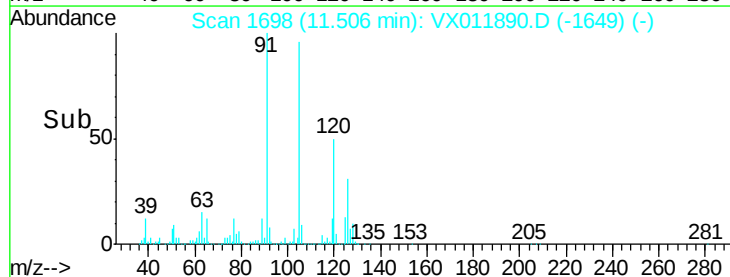
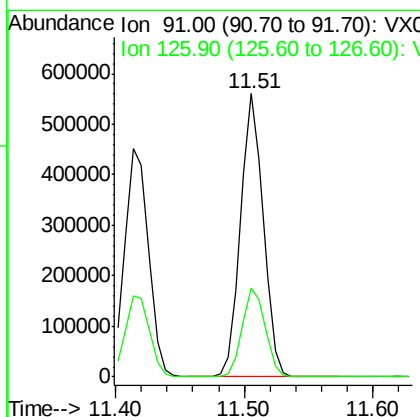
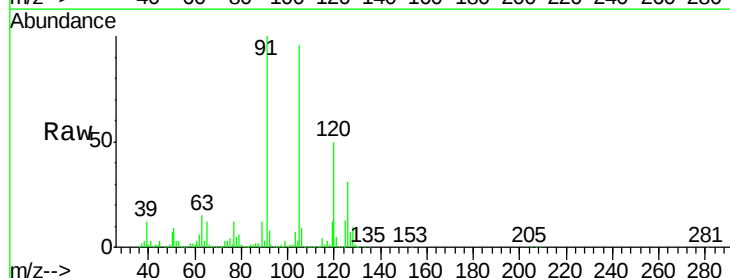
RT: 11.51 min Scan# 1698

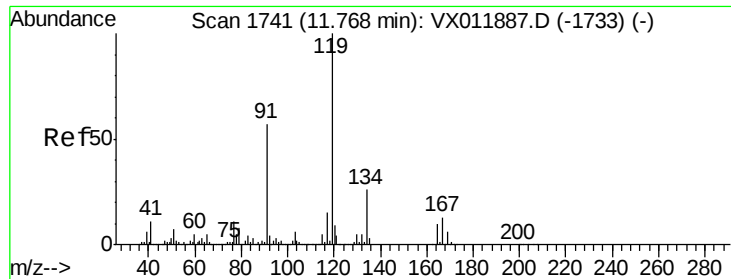
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion:	91	Resp:	684489
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.6





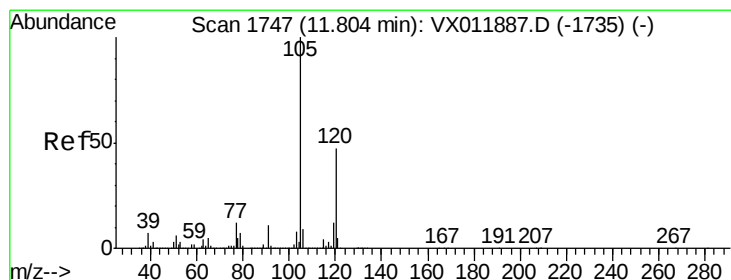
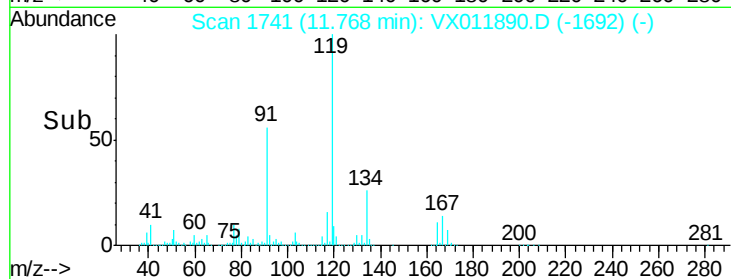
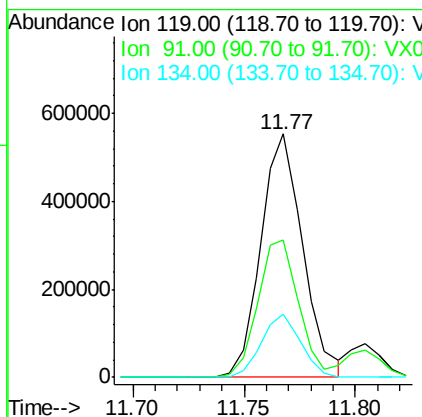
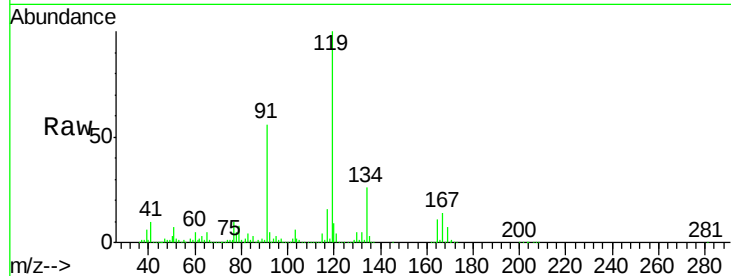
#83
tert-Butylbenzene
Concen: 51.975 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Resp	Lower	Upper
119	100	724798		
91	54.8	27.9	83.6	
134	24.3	12.3	36.8	

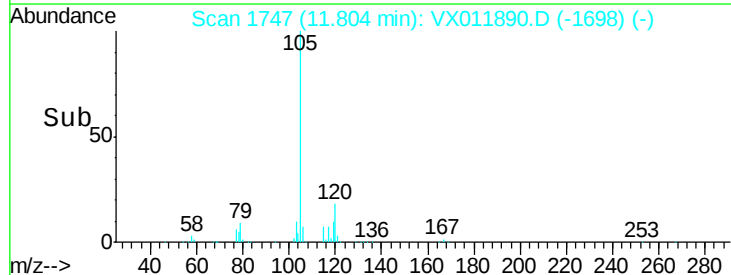
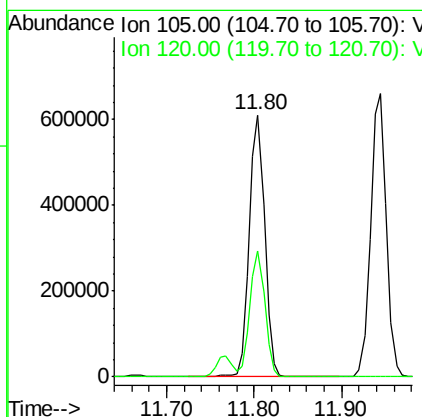
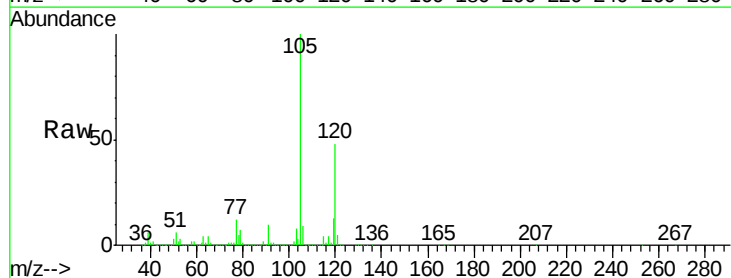
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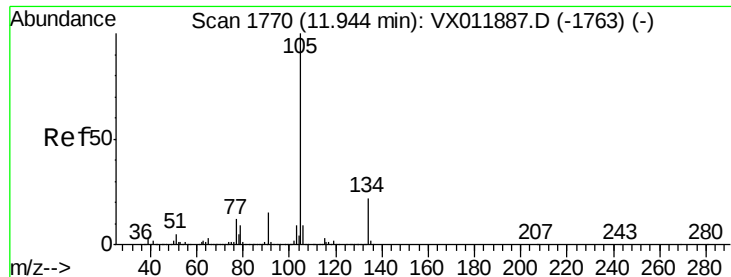
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#84
1,2,4-Trimethylbenzene
Concen: 52.403 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	738074		
120	46.9	23.4	70.3	





#85

sec-Butylbenzene

Concen: 51.171 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082919

Tot Ion:105 Resp: 828852

Ion Ratio Lower Upper

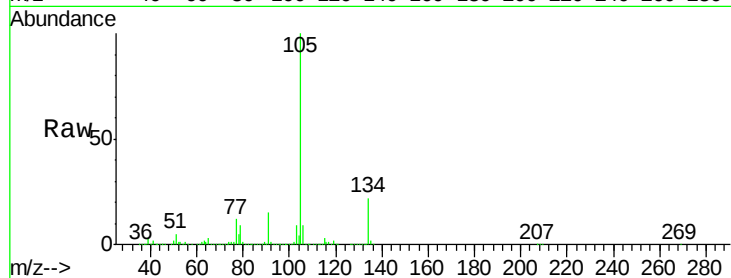
105 100

134 22.0 10.9 32.7

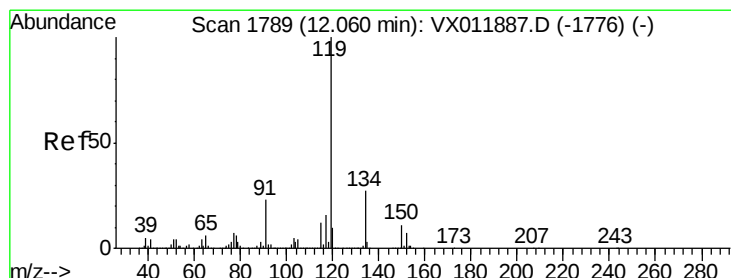
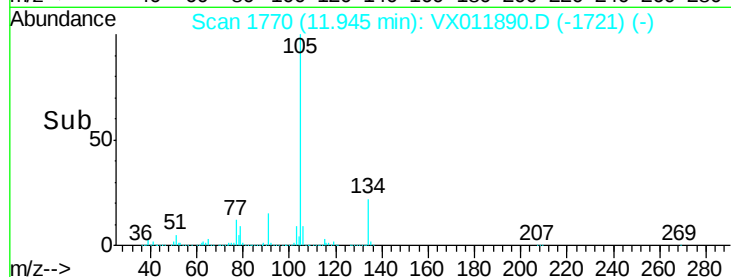
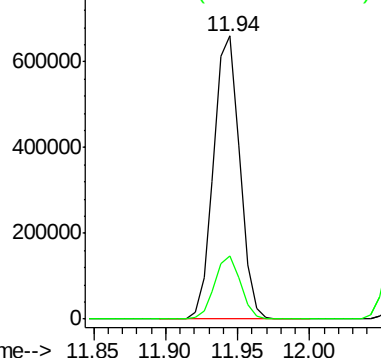
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.328 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

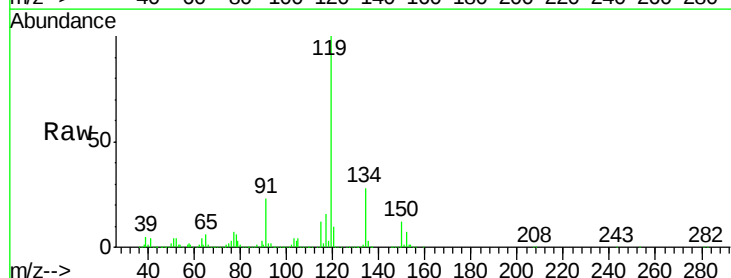
Tgt Ion:119 Resp: 806173

Ion Ratio Lower Upper

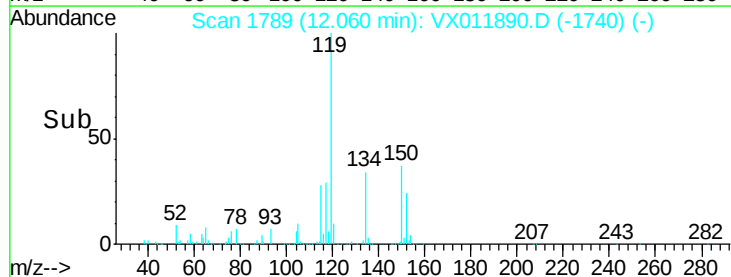
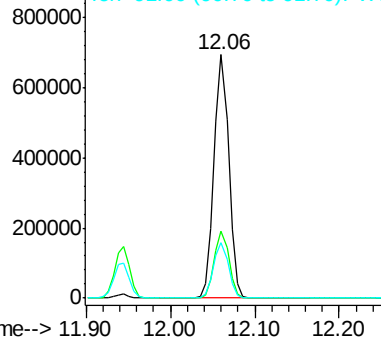
119 100

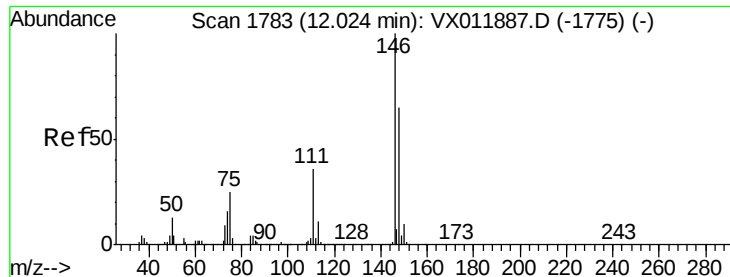
134 27.6 13.7 41.0

91 22.8 11.6 34.7



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





#87

1,3-Dichlorobenzene

Concen: 53.059 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011890.D

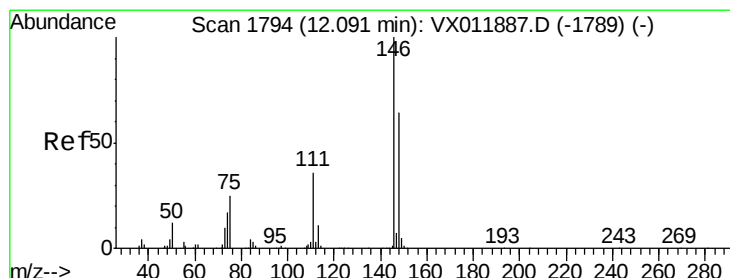
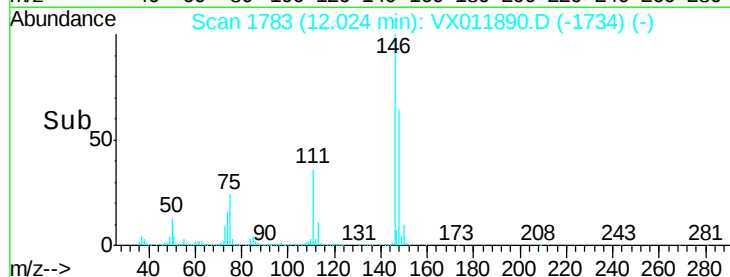
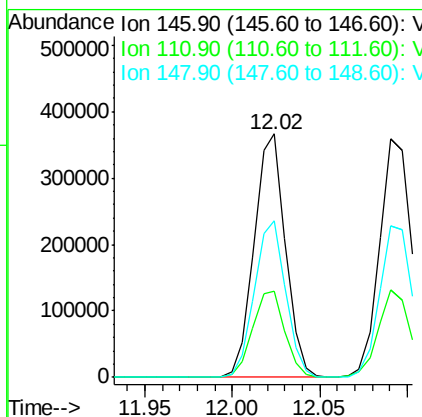
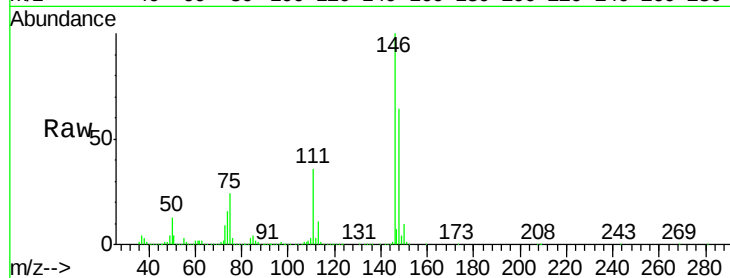
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.2	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 52.640 ug/l

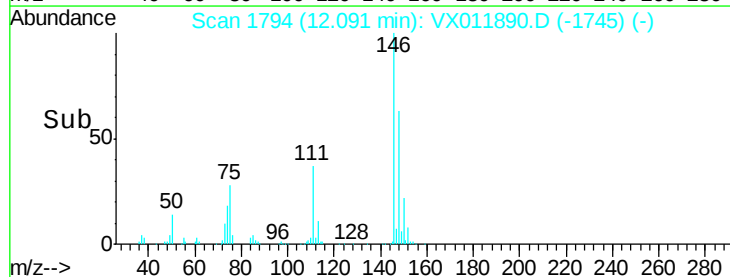
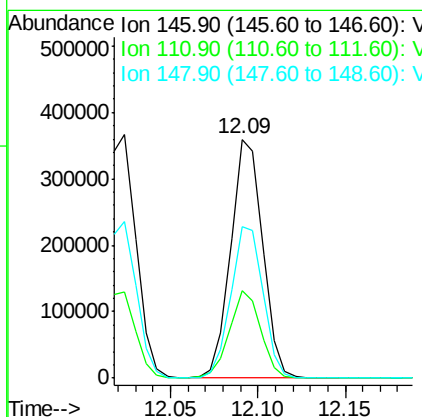
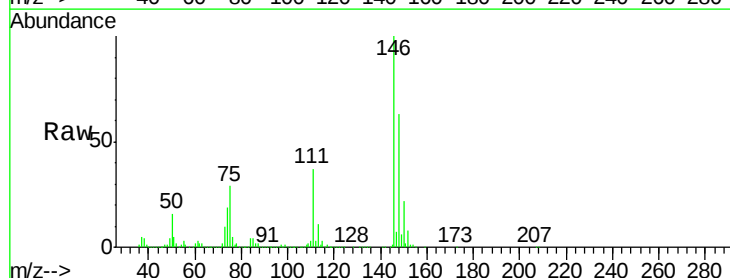
RT: 12.09 min Scan# 1794

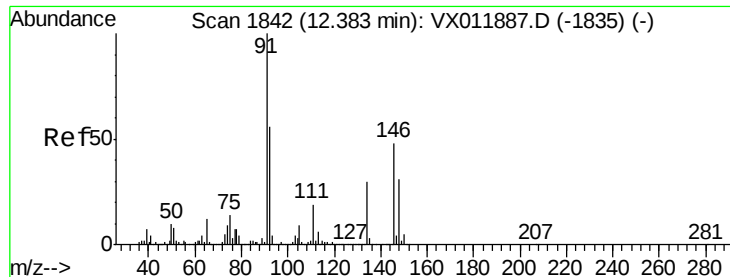
Delta R.T. 0.00 min

Lab File: VX011890.D

Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.7
148	64.3	32.4	97.0





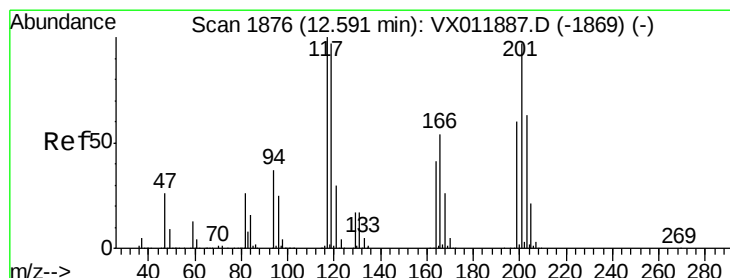
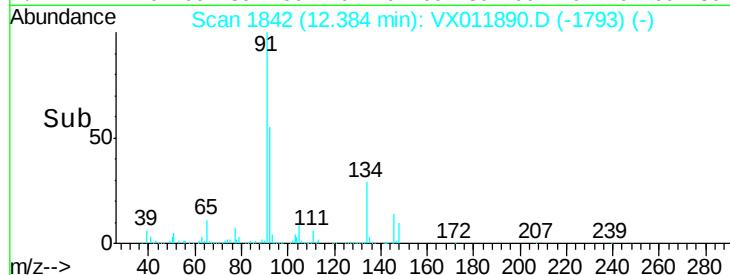
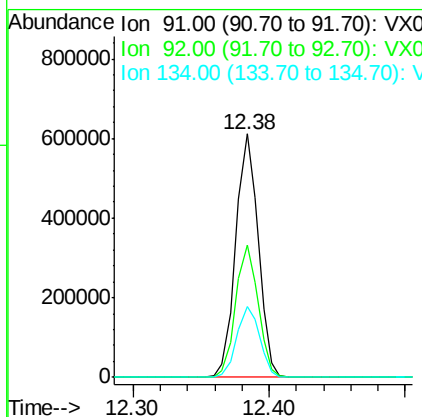
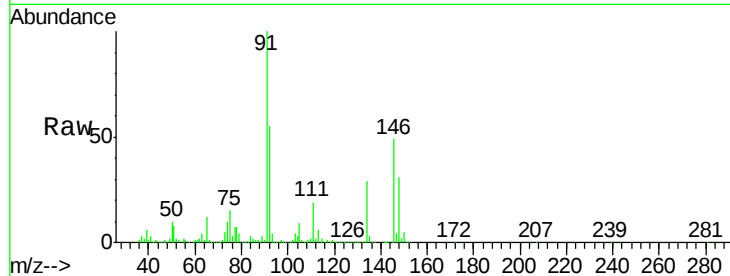
#89
n-Butylbenzene
Concen: 50.515 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.8
134	29.7	14.8	44.3

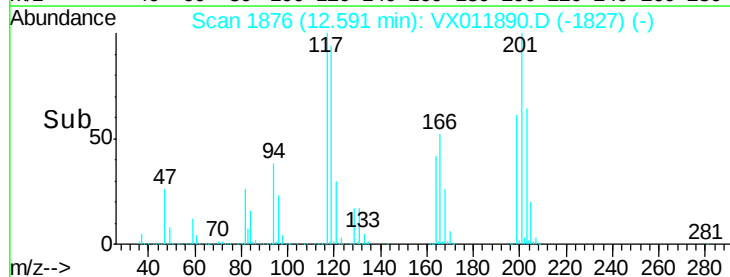
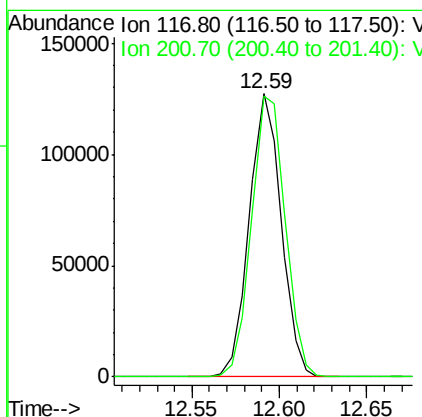
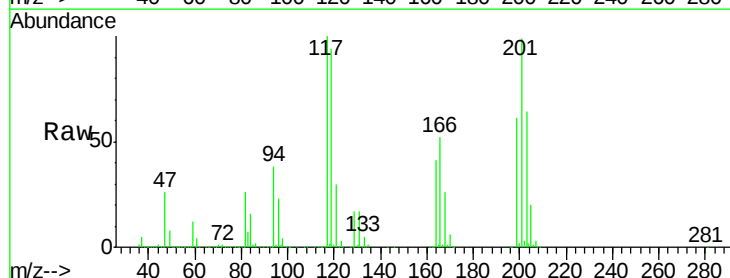
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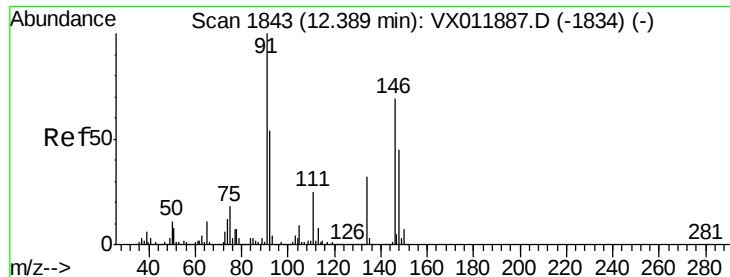
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#90
Hexachloroethane
Concen: 53.346 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.4	52.8	158.5





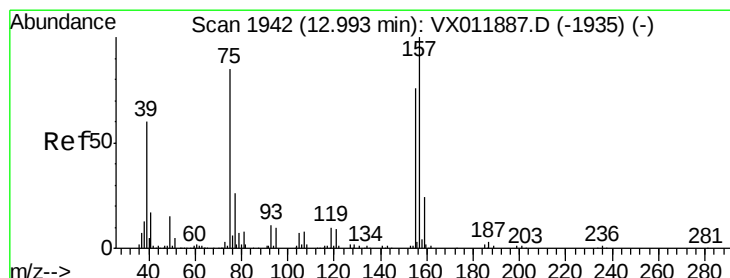
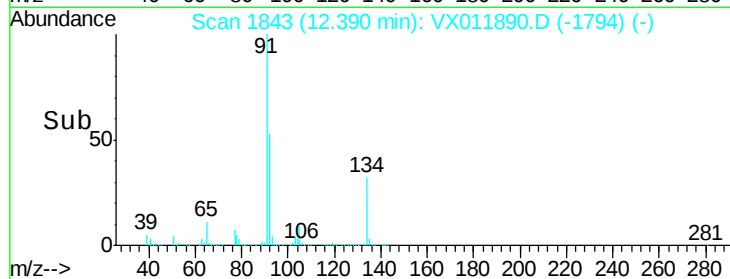
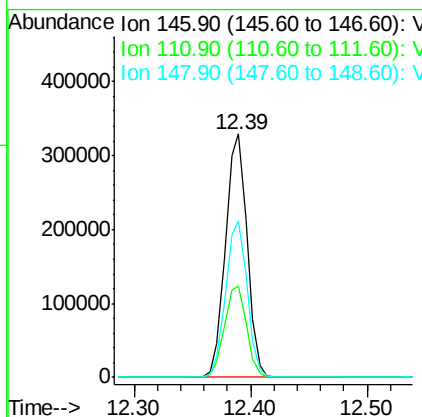
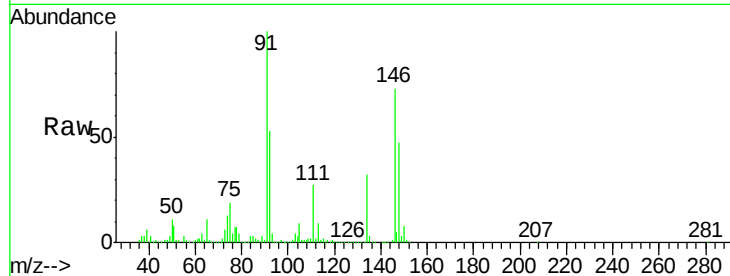
#91
 1,2-Dichlorobenzene
 Concen: 52.924 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tot Ion	Ratio	Resp	Lower	Upper
146	100	422286		
111	38.3	18.9	56.5	
148	64.3	32.1	96.3	

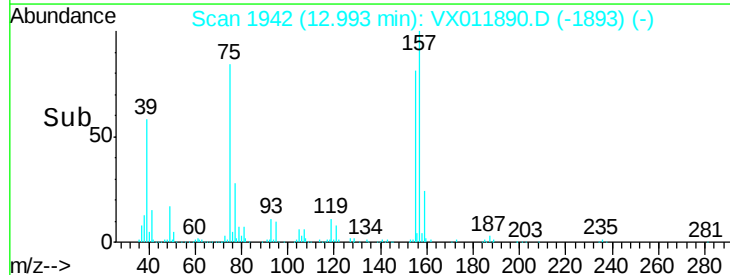
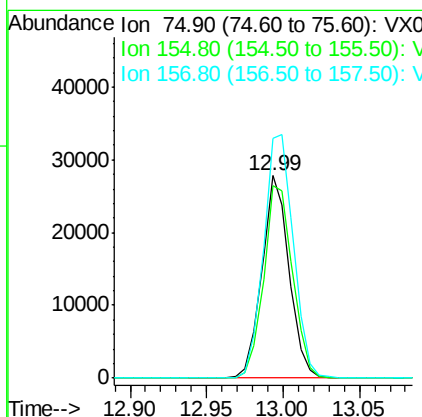
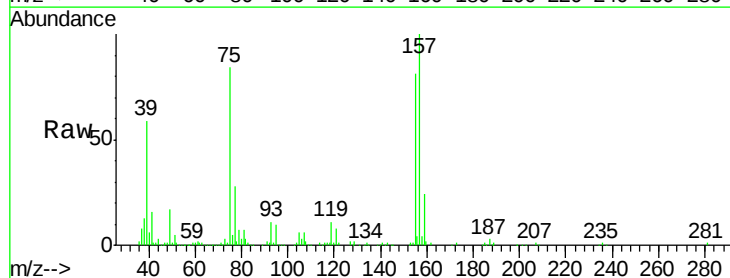
Manual Integrations
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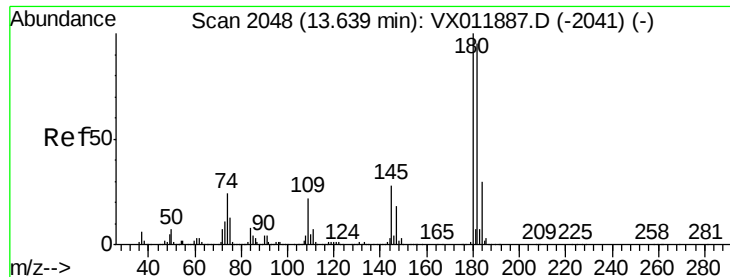
MMDadoda
 9/3/2019 2:39:20 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.374 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	34645		
155	101.3	50.1	150.4	
157	131.2	63.9	191.7	





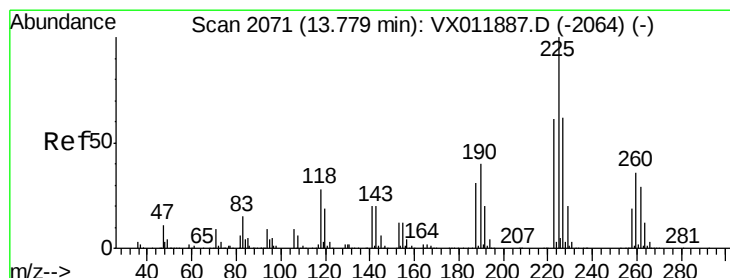
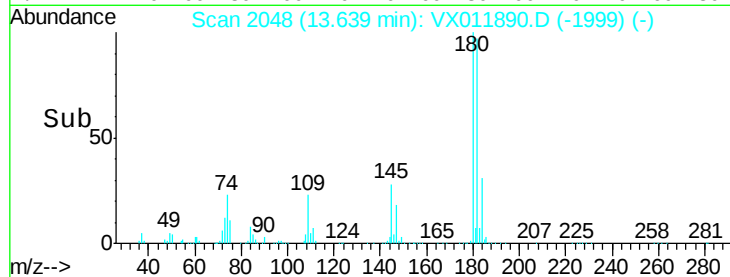
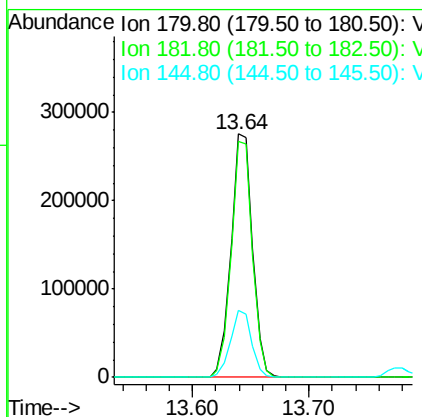
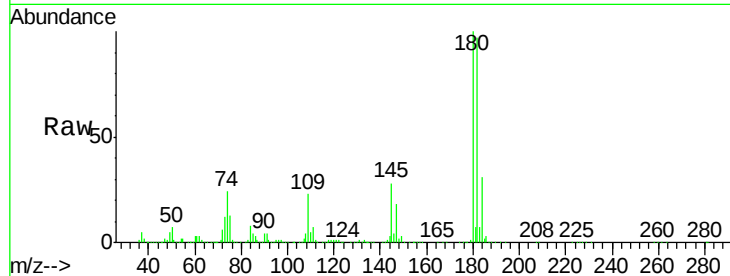
#93
 1,2,4-Trichlorobenzene
 Concen: 52.663 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082919

Tot Ion	Ratio	Resp	Lower	Upper
180	100	353820		
182	96.0	48.1	144.4	
145	27.0	13.8	41.3	

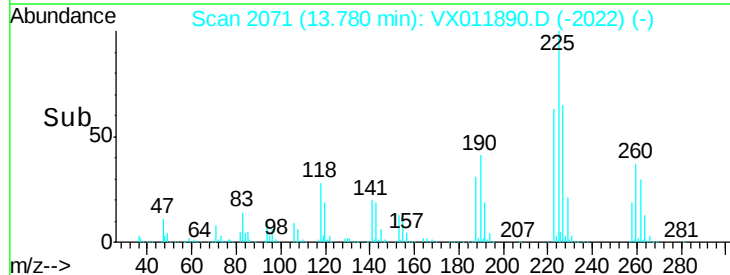
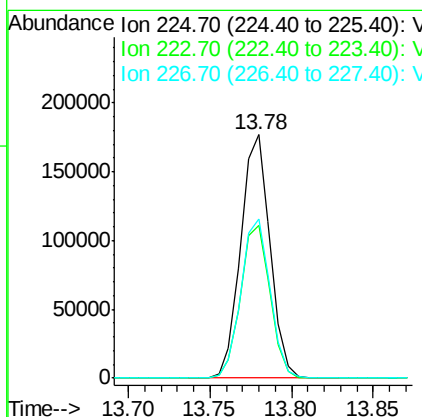
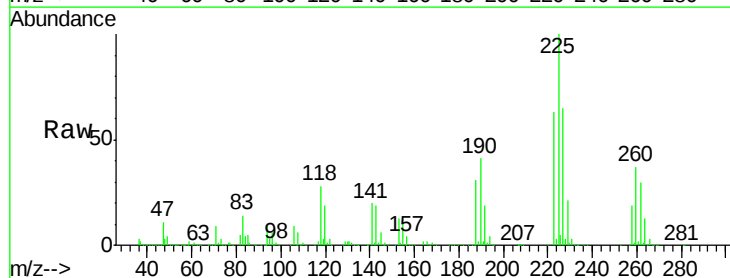
Manual Integrations
 APPROVED

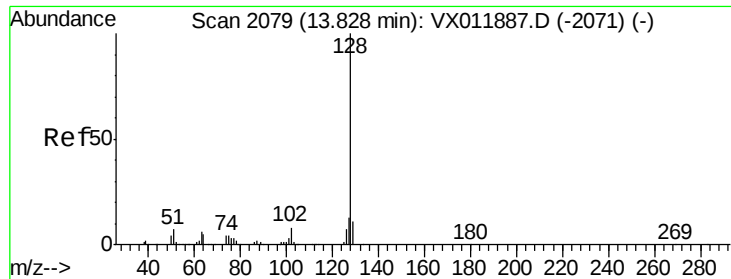
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#94
 Hexachlorobutadiene
 Concen: 49.262 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011890.D
 Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	221034		
223	63.3	30.8	92.3	
227	65.1	31.9	95.7	





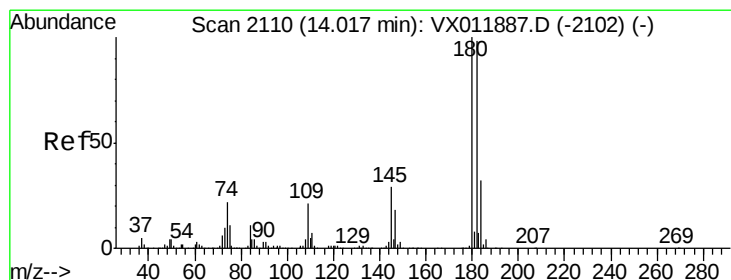
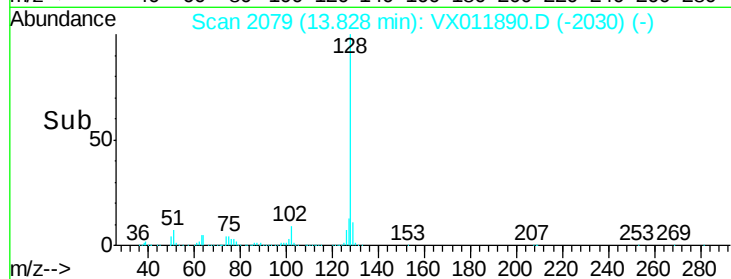
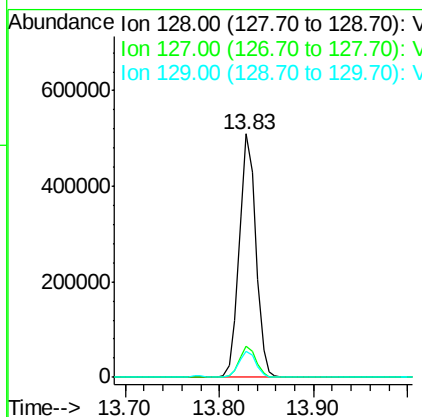
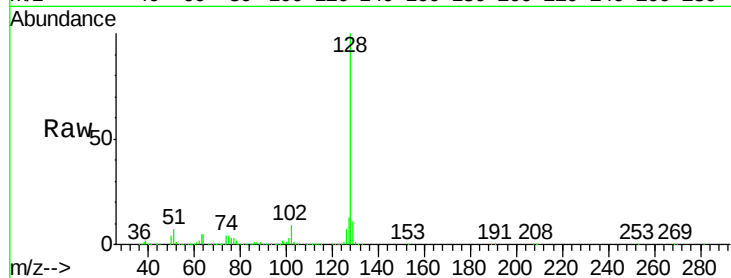
#95
Naphthalene
Concen: 53.890 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082919

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.585 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011890.D
Acq: 30 Aug 2019 00:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.8
145	29.3	14.6	43.8

