

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011990.D
 Acq On : 01 Sep 2019 14:15
 Operator : SY/SP
 Sample : VX0901SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 2:05:10 AM

Quant Time: Sep 02 04:11:46 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	5.64	168	377634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	488532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	452788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	156790	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
35) Dibromofluoromethane	5.48	113	148578	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	8.71	98	551182	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	229792	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	51809	22.731	ug/l	100
3) Chloromethane	1.31	50	48048	18.185	ug/l	97
4) Vinyl Chloride	1.39	62	49414	19.585	ug/l	100
5) Bromomethane	1.62	94	32015	18.339	ug/l	100
6) Chloroethane	1.70	64	30204	19.235	ug/l	100
7) Trichlorofluoromethane	1.91	101	91602	20.906	ug/l	99
8) Diethyl Ether	2.17	74	27228	18.082	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60608	21.223	ug/l	98
10) Methyl Iodide	2.50	142	46079	17.368	ug/l	98
11) Tert butyl alcohol	3.03	59	31541	90.613	ug/l	99
12) 1,1-Dichloroethene	2.36	96	50988	19.224	ug/l	99
13) Acrolein	2.28	56	13641	78.736	ug/l	99
14) Allyl chloride	2.71	41	88788	17.846	ug/l	97
15) Acrylonitrile	3.13	53	74310	89.840	ug/l	99
16) Acetone	2.43	43	76564	98.353	ug/l	100
17) Carbon Disulfide	2.55	76	131620	17.301	ug/l	99
18) Methyl Acetate	2.76	43	37719	17.504	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	159725	18.589	ug/l	99
20) Methylene Chloride	2.84	84	61535	15.098	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	58805	18.822	ug/l	99
22) Diisopropyl ether	3.84	45	183294	18.046	ug/l	93
23) Vinyl Acetate	3.80	43	579767	88.782	ug/l	99
24) 1,1-Dichloroethane	3.68	63	105791	18.888	ug/l	99
25) 2-Butanone	4.65	43	104723	92.364	ug/l	96
26) 2,2-Dichloropropane	4.56	77	100636	21.422	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	70623	19.190	ug/l	99
28) Bromochloromethane	5.00	49	43458	17.291	ug/l	92
29) Tetrahydrofuran	5.12	42	62500	88.317	ug/l	98
30) Chloroform	5.19	83	115084	19.216	ug/l	98
31) Cyclohexane	5.56	56	89620	19.837	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	109077	20.504	ug/l	99
36) 1,1-Dichloropropene	5.78	75	82182	21.234	ug/l	99
37) Ethyl Acetate	4.81	43	42488	18.546	ug/l	99
38) Carbon Tetrachloride	5.77	117	99621	22.194	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	100974	21.903	ug/l	96
40) Benzene	6.13	78	234426	20.292	ug/l	100
41) Methacrylonitrile	5.03	41	24903	18.461	ug/l	94
42) 1,2-Dichloroethane	6.18	62	78557	19.995	ug/l	98
43) Isopropyl Acetate	6.43	43	88219	18.993	ug/l	99
44) Trichloroethene	7.20	130	75675	21.171	ug/l	97
45) 1,2-Dichloropropane	7.50	63	58690	19.421	ug/l	99
46) Dibromomethane	7.65	93	34760	19.382	ug/l	95
47) Bromodichloromethane	7.89	83	90404	20.328	ug/l	98
48) Methyl methacrylate	7.76	41	42041	18.602	ug/l	97
49) 1,4-Dioxane	7.73	88	12653	407.131	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	224036	94.944	ug/l	100
52) Toluene	8.78	92	156965	20.537	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	90143	19.788	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	101567	19.862	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	52069	19.832	ug/l	98
56) Ethyl methacrylate	9.17	69	69718	19.132	ug/l	99
57) 1,3-Dichloropropane	9.37	76	85877	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	164837	94.974	ug/l	97
59) 2-Hexanone	9.48	43	165640	98.822	ug/l	100
60) Dibromochloromethane	9.57	129	71468	20.267	ug/l	99
61) 1,2-Dibromoethane	9.67	107	51921	19.946	ug/l	100
64) Tetrachloroethene	9.33	164	79008	21.692	ug/l	98
65) Chlorobenzene	10.14	112	184904	21.073	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	75708	21.337	ug/l	99
67) Ethyl Benzene	10.25	91	320038	21.443	ug/l	97
68) m/p-Xylenes	10.35	106	249457	43.285	ug/l	99
69) o-Xylene	10.70	106	119889	21.348	ug/l	99
70) Styrene	10.71	104	208920	21.106	ug/l	100
71) Bromoform	10.85	173	51673	20.595	ug/l #	100
73) Isopropylbenzene	11.01	105	334169	21.117	ug/l	100
74) N-amyl acetate	10.89	43	86295	18.375	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	63052	19.469	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54752m	20.209	ug/l	
77) Bromobenzene	11.25	156	94497	20.590	ug/l	97
78) n-propylbenzene	11.35	91	382645	21.324	ug/l	99
79) 2-Chlorotoluene	11.42	91	222173	20.569	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	288970	21.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20029	18.572	ug/l	97
82) 4-Chlorotoluene	11.51	91	269152	20.655	ug/l	99
83) tert-Butylbenzene	11.76	119	299675	21.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	290352	20.742	ug/l	99
85) sec-Butylbenzene	11.94	105	350340	21.762	ug/l	98
86) p-Isopropyltoluene	12.06	119	340462	21.810	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	180847	21.202	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	180129	20.889	ug/l	99
89) n-Butylbenzene	12.39	91	296015	21.434	ug/l	99
90) Hexachloroethane	12.59	117	62560	20.716	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	165563	20.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12768	19.791	ug/l	98

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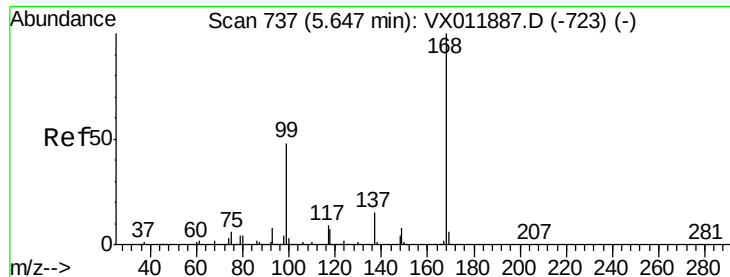
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142996	21.415	ug/l	99
94) Hexachlorobutadiene	13.78	225	104461	23.425	ug/l	99
95) Naphthalene	13.83	128	228579	19.946	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126930	21.021	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion:168 Resp: 377634

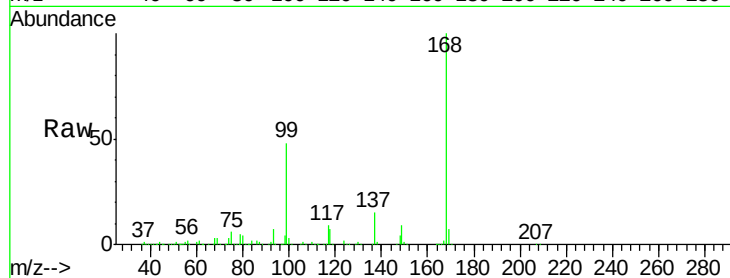
Ion Ratio Lower Upper

168 100

99 47.5 38.4 57.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

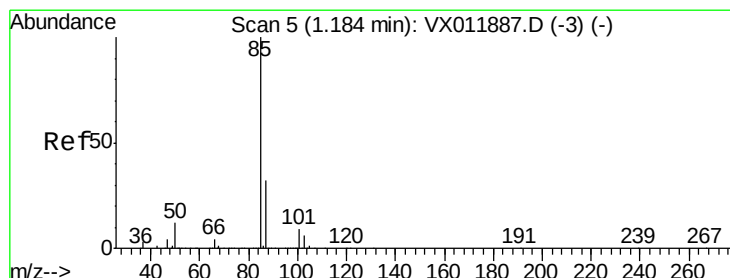
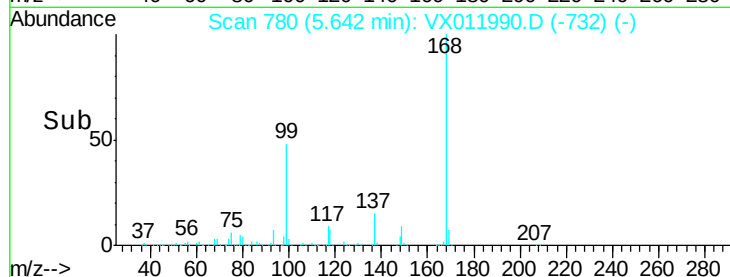
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.731 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011990.D

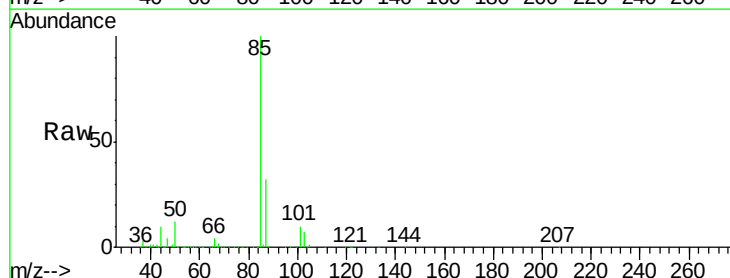
Acq: 01 Sep 2019 14:15

Tgt Ion: 85 Resp: 51809

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

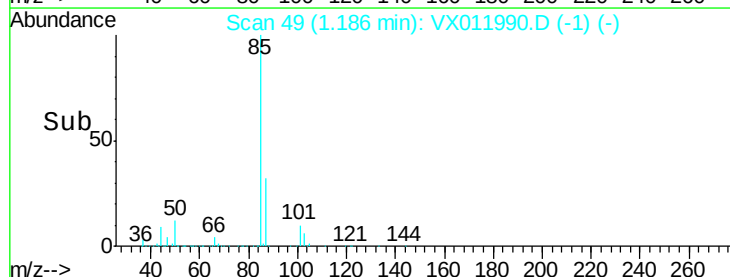
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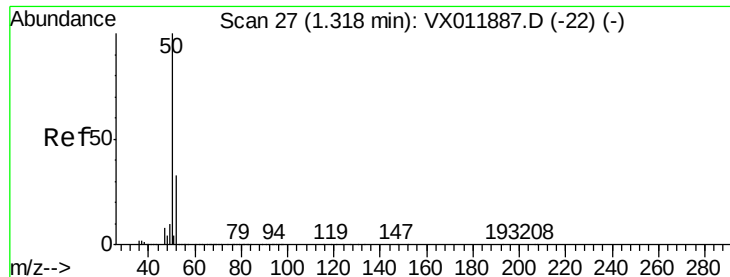
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.185 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 50 Resp: 48048

Ion Ratio Lower Upper

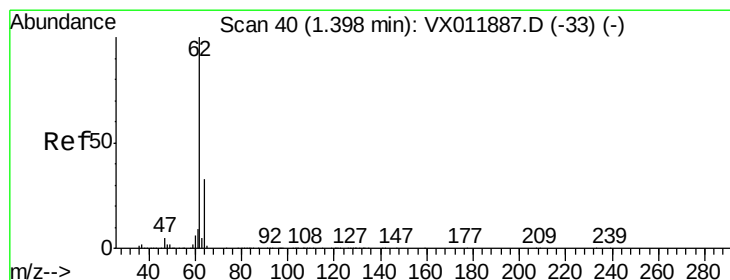
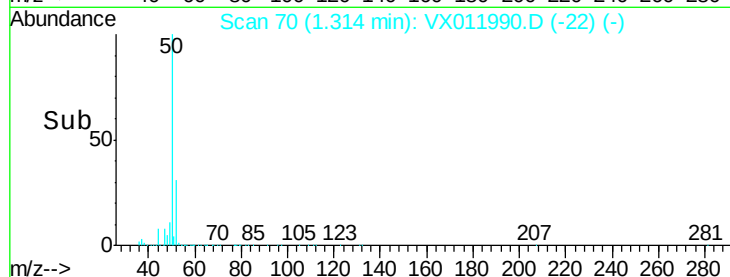
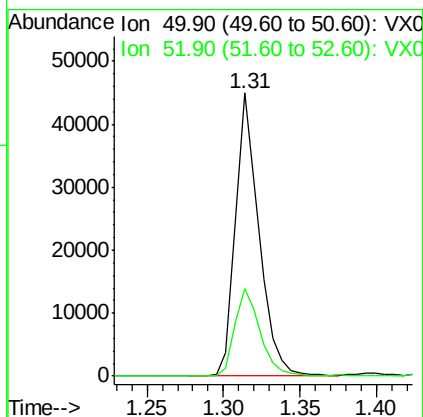
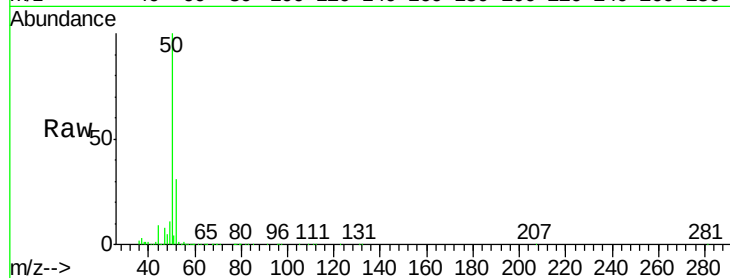
50 100

52 31.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.585 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011990.D

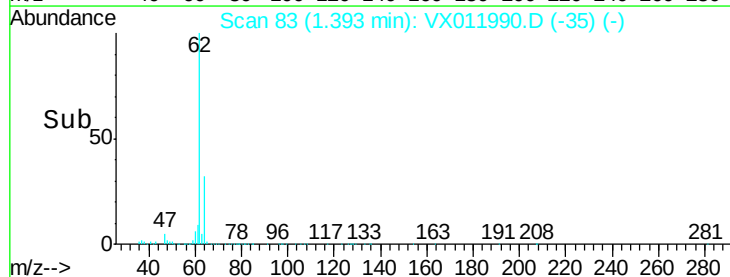
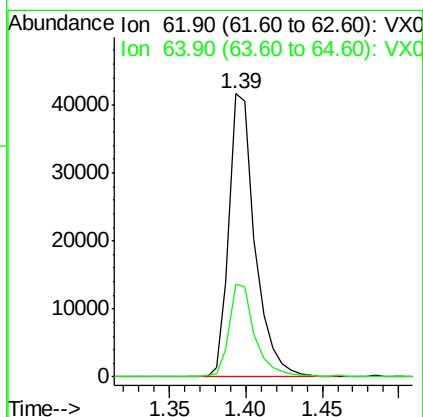
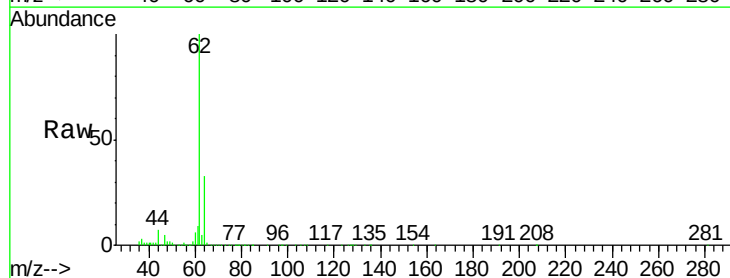
Acq: 01 Sep 2019 14:15

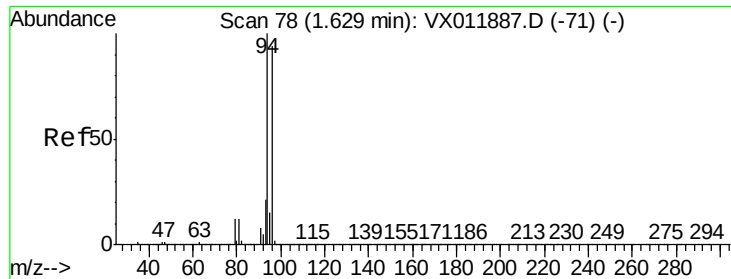
Tgt Ion: 62 Resp: 49414

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 18.339 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 94 Resp: 32015

Ion Ratio Lower Upper

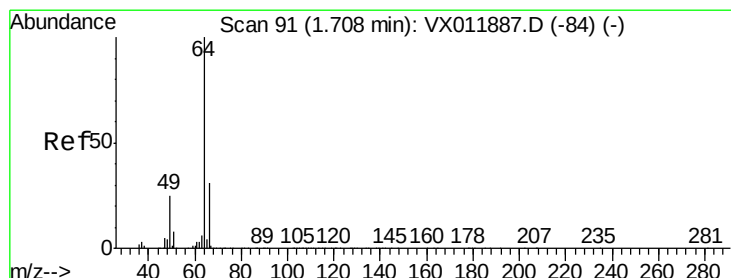
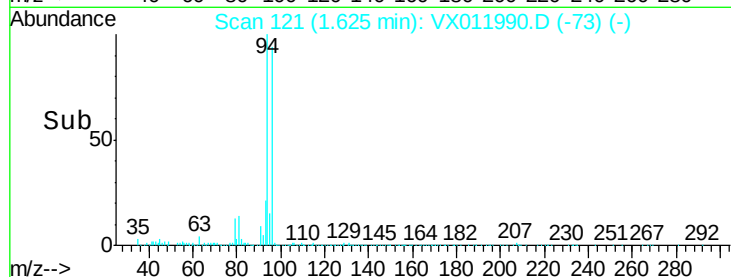
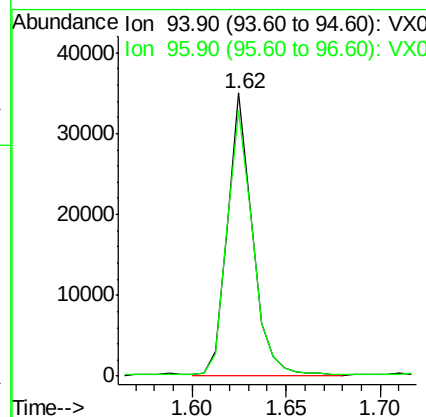
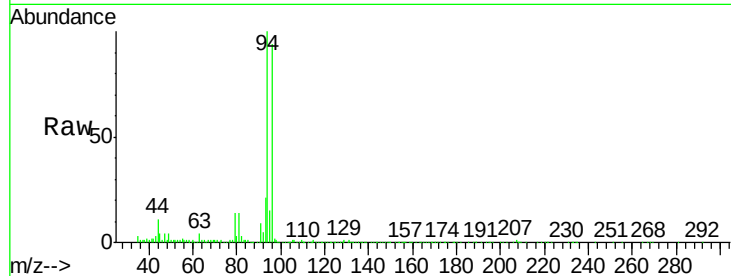
94 100

96 93.8 75.0 112.6

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#6

Chloroethane

Concen: 19.235 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX011990.D

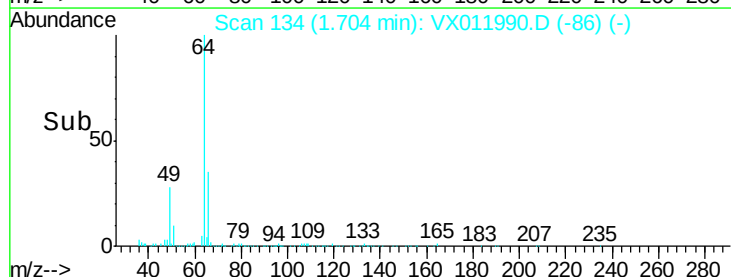
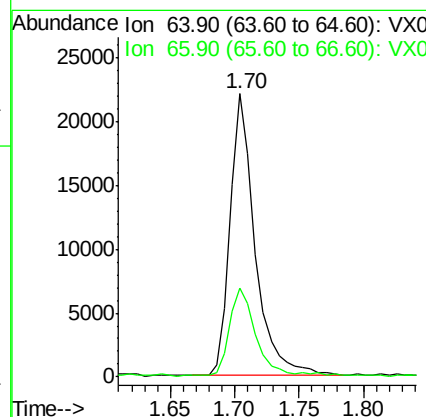
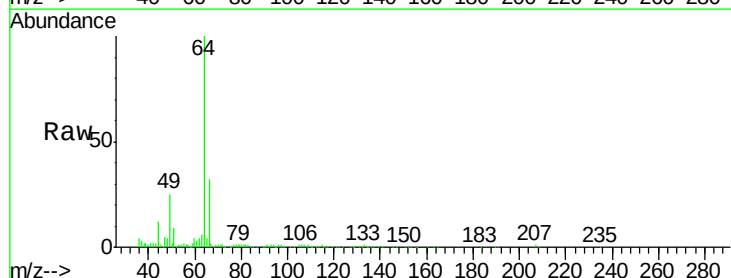
Acq: 01 Sep 2019 14:15

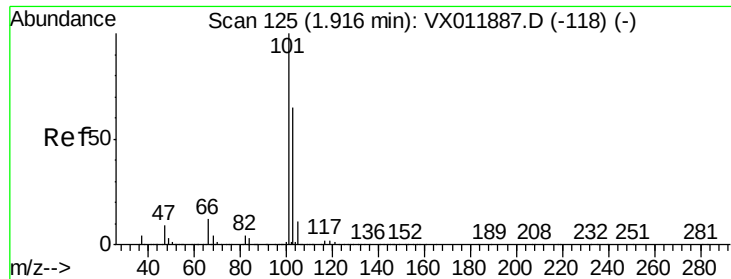
Tgt Ion: 64 Resp: 30204

Ion Ratio Lower Upper

64 100

66 31.1 25.0 37.4





#7

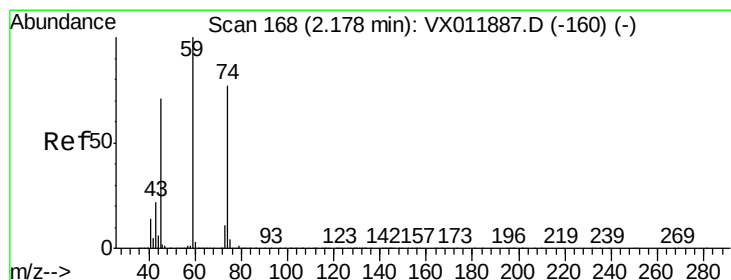
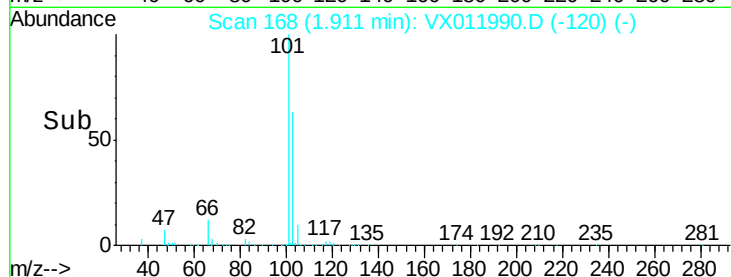
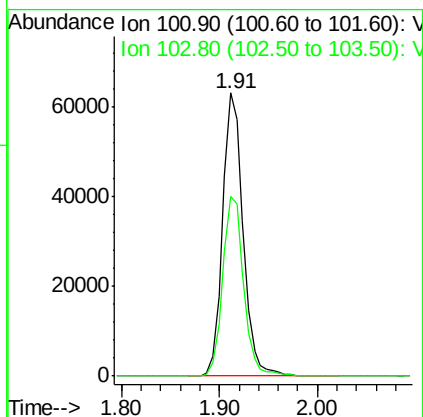
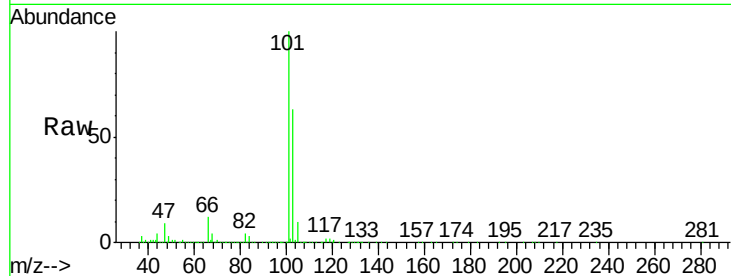
Trichlorofluoromethane
 Concen: 20.906 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
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 VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	91602		
103	63.4	51.6	77.4	

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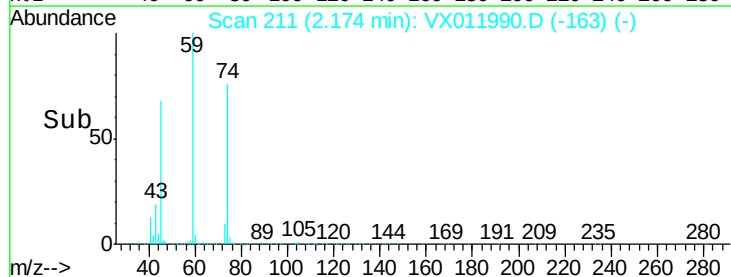
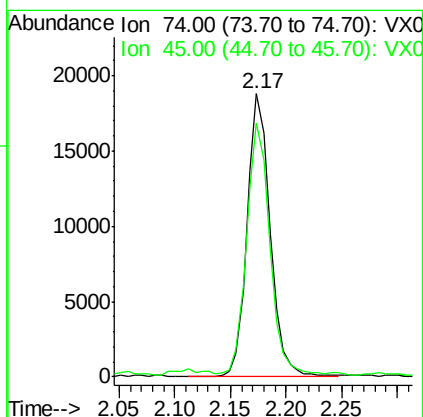
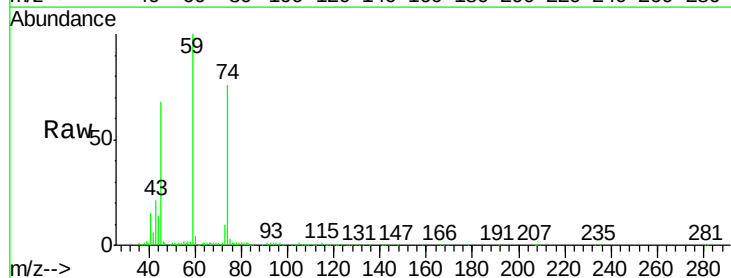
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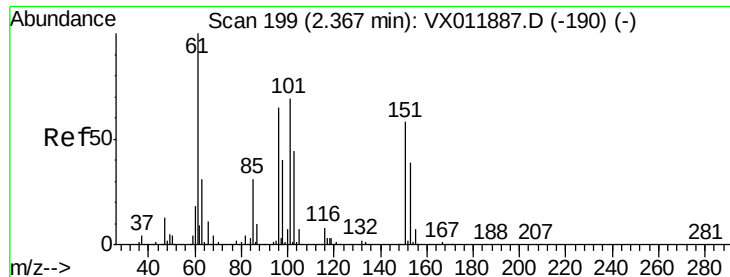


#8

Diethyl Ether
 Concen: 18.082 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	27228		
45	88.2	46.7	140.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.223 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

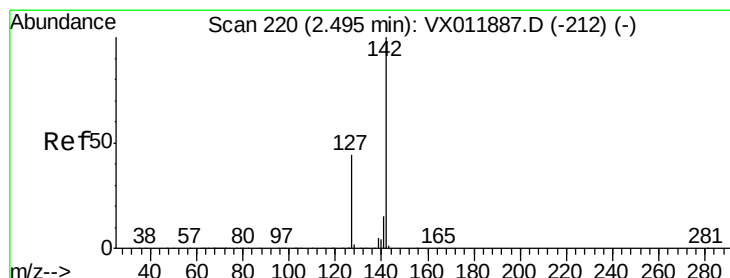
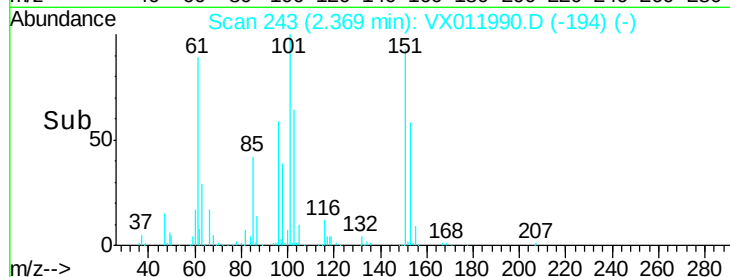
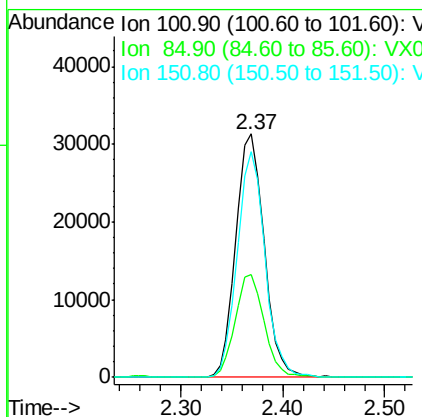
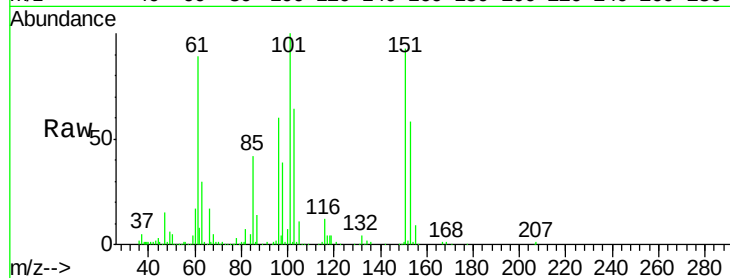
ClientSampleId :

VX0901SBS02

Tot Ion:	101	Resp:	60608
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.9	52.3
151	90.7	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.368 ug/l

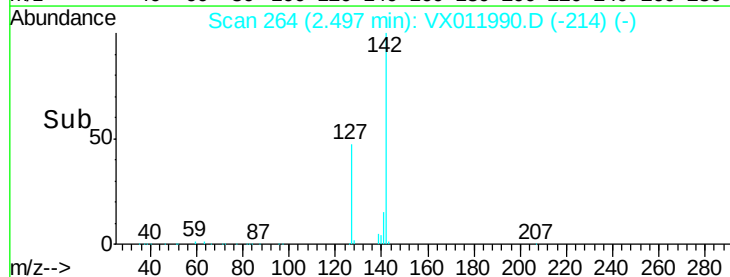
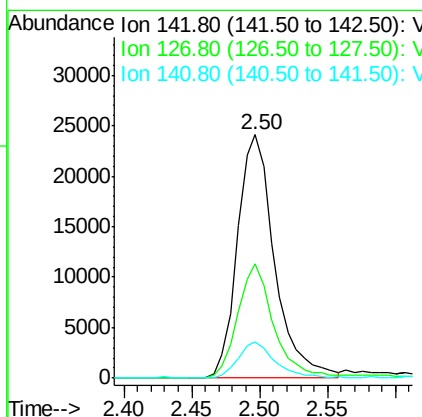
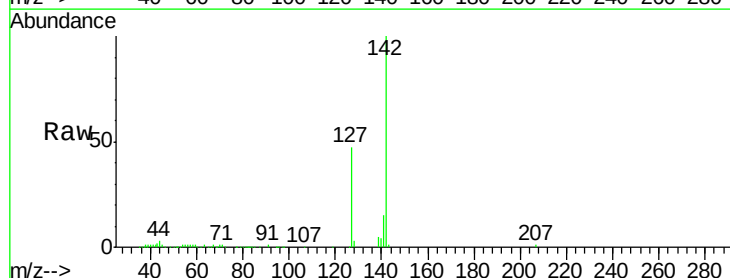
RT: 2.50 min Scan# 264

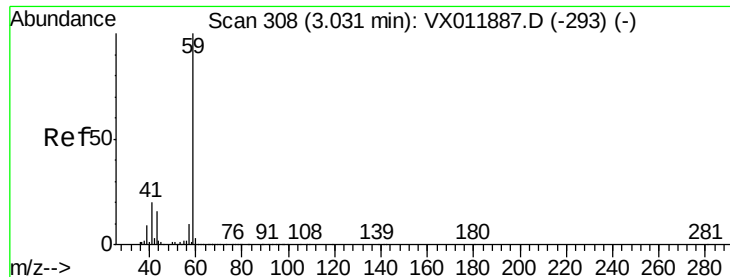
Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	142	Resp:	46079
Ion Ratio	Lower	Upper	
142	100		
127	46.7	35.7	53.5
141	14.6	11.8	17.6





#11

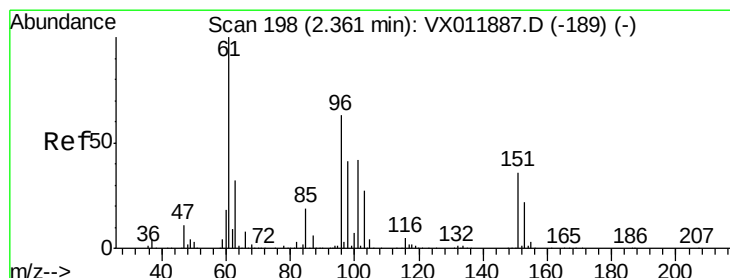
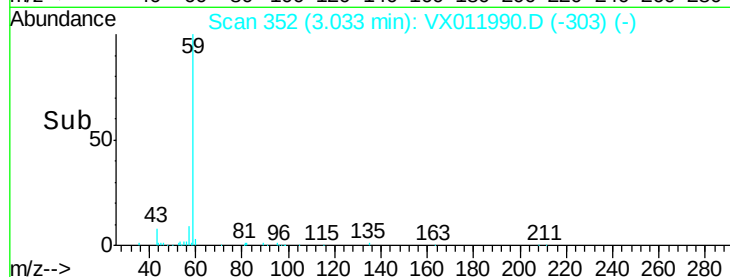
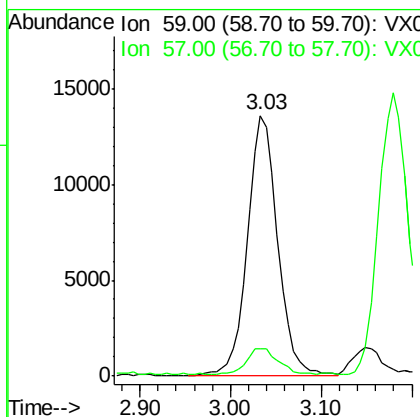
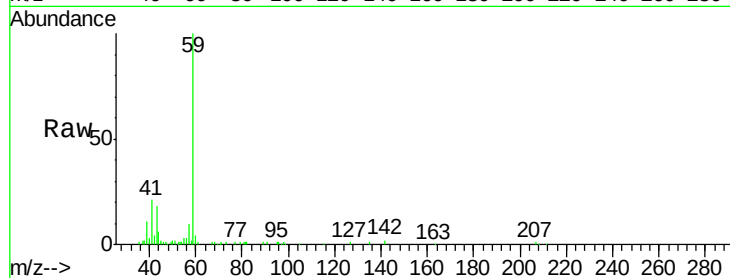
Tert butyl alcohol
Concen: 90.613 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	31541
Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

Manual Integrations
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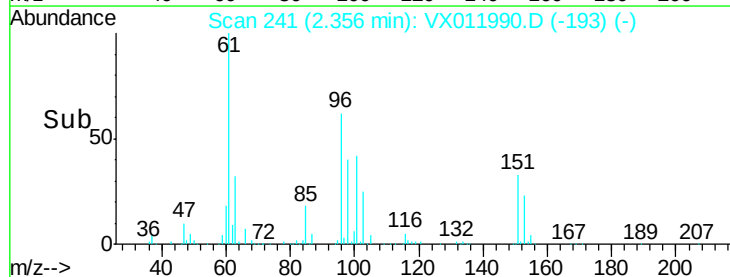
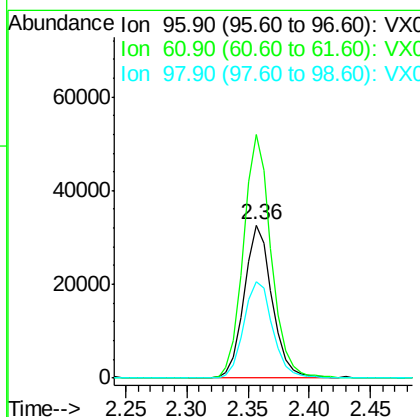
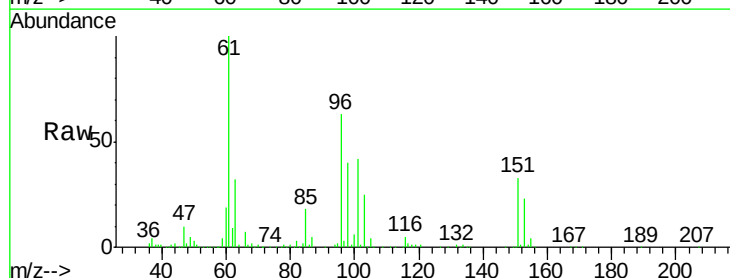
MMDadoda
9/5/2019 2:05:10 AM

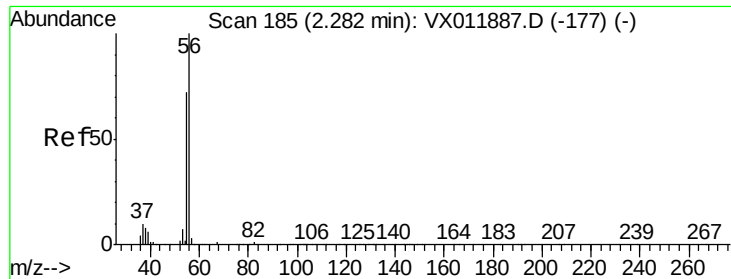


#12

1,1-Dichloroethene
Concen: 19.224 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	96	Resp	50988
Ion	Ratio	Lower	Upper
96	100		
61	159.8	126.6	190.0
98	63.5	51.6	77.4





#13

Acrolein

Concen: 78.736 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 56 Resp: 13641

Ion Ratio Lower Upper

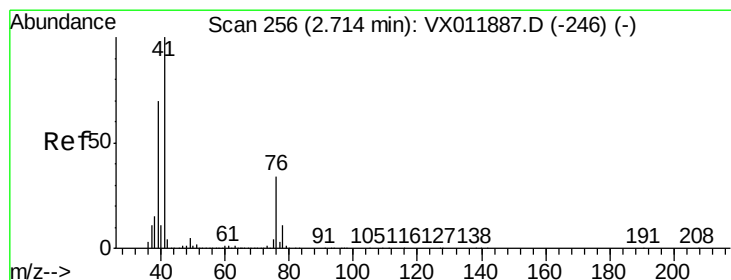
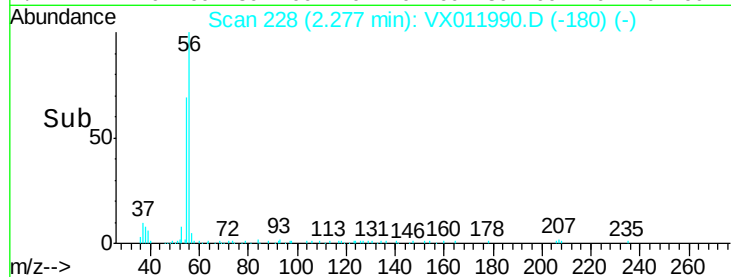
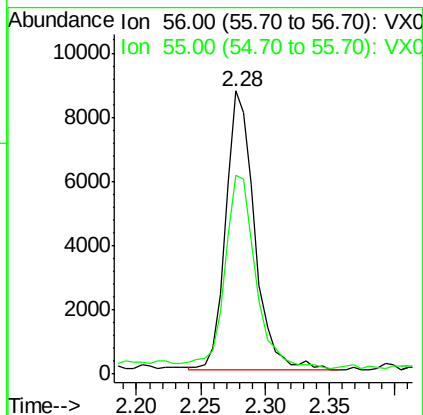
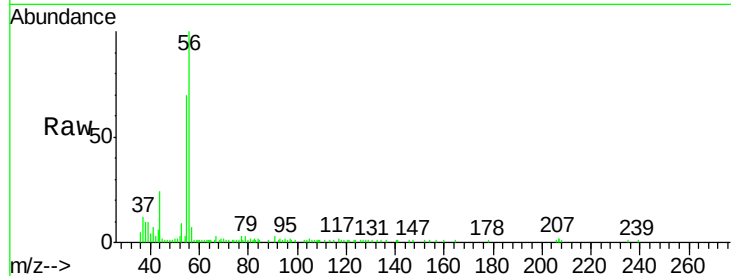
56 100

55 74.2 58.6 88.0

Manual Integrations
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#14

Allyl chloride

Concen: 17.846 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

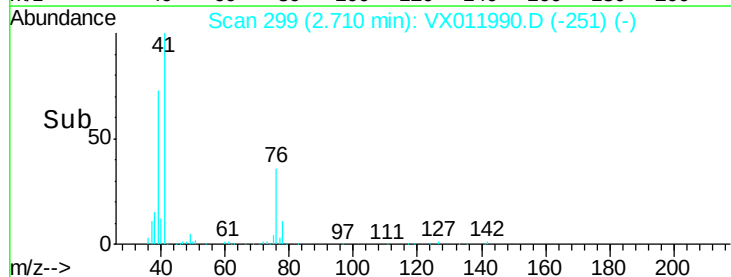
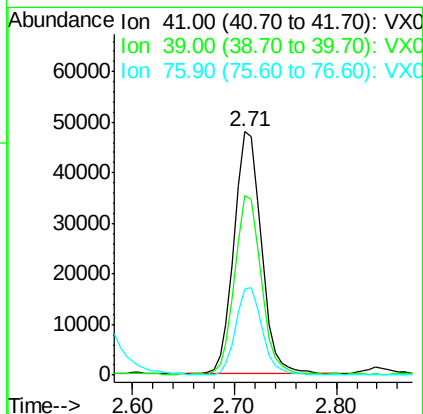
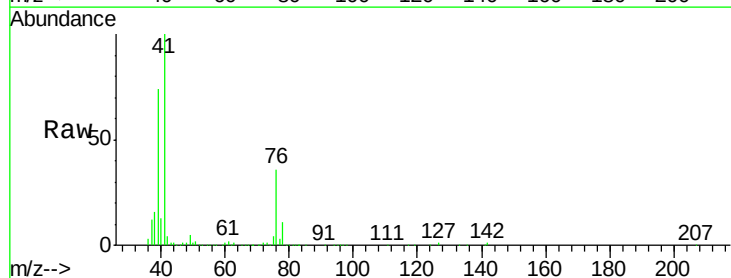
Tgt Ion: 41 Resp: 88788

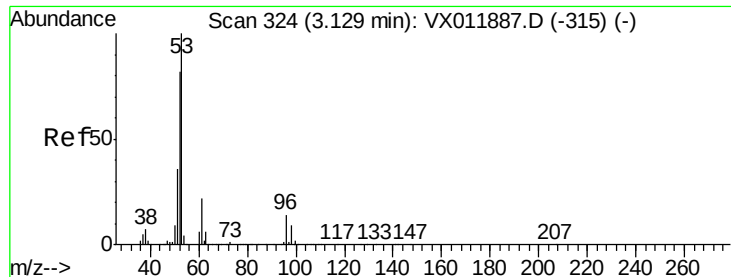
Ion Ratio Lower Upper

41 100

39 71.3 55.0 82.6

76 34.7 27.0 40.4





#15

Acrylonitrile

Concen: 89.840 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

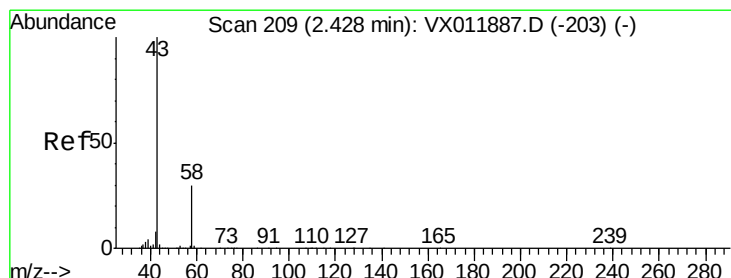
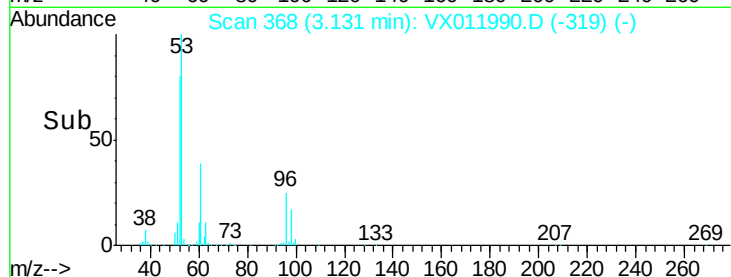
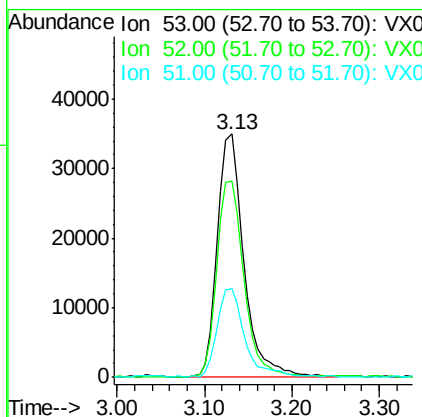
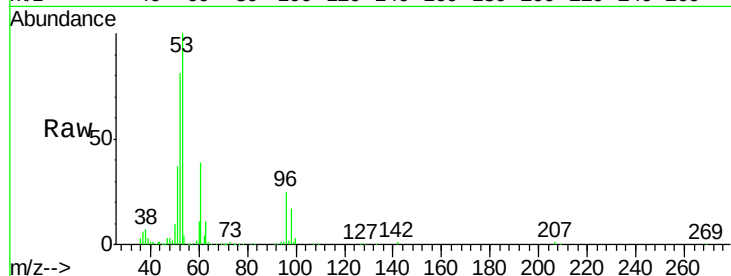
ClientSampleId :

VX0901SBS02

Tot Ion:	53	Resp:	74310
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.3	97.9
51	37.0	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 98.353 ug/l

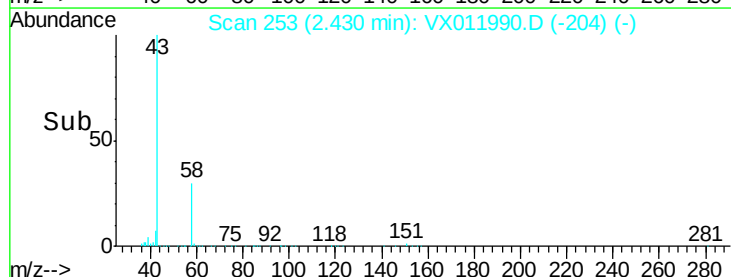
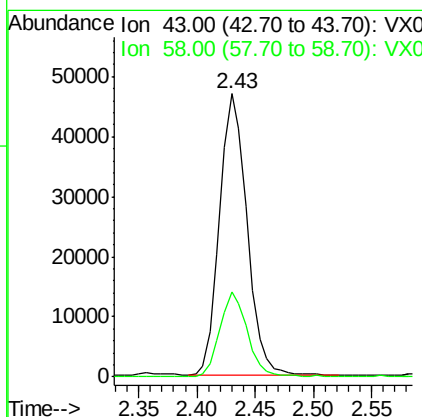
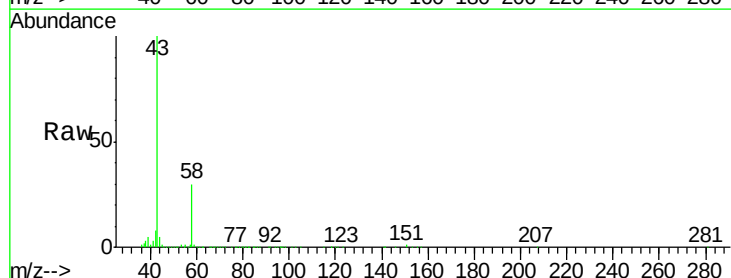
RT: 2.43 min Scan# 253

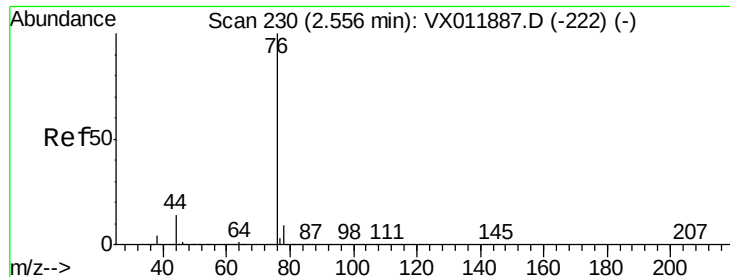
Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	43	Resp:	76564
Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.8	35.8





#17

Carbon Disulfide

Concen: 17.301 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tot Ion: 76 Resp: 131620

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

Instrument :

MSVOA_X

ClientSampleId :

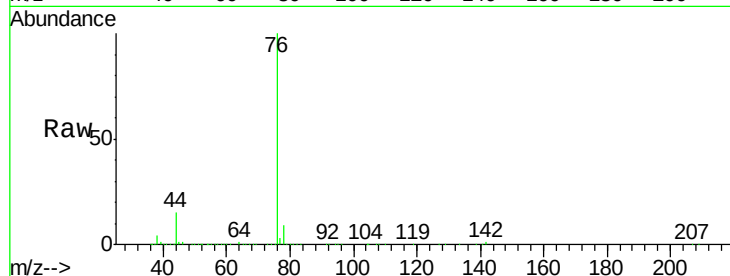
VX0901SBS02

Manual Integrations

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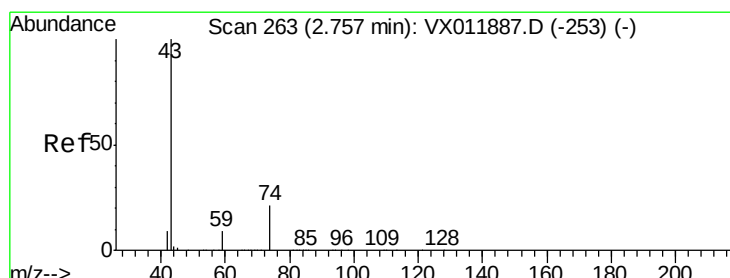
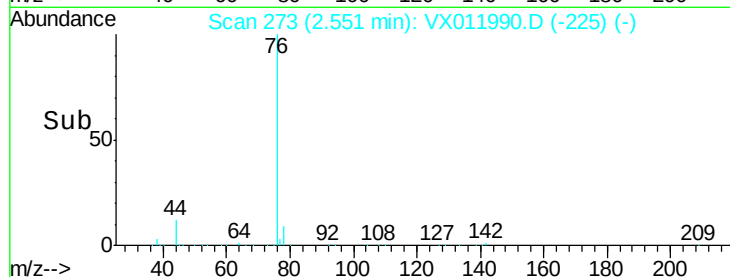
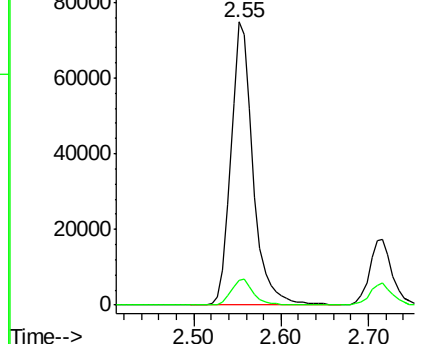
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9/5/2019 2:05:10 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.504 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX011990.D

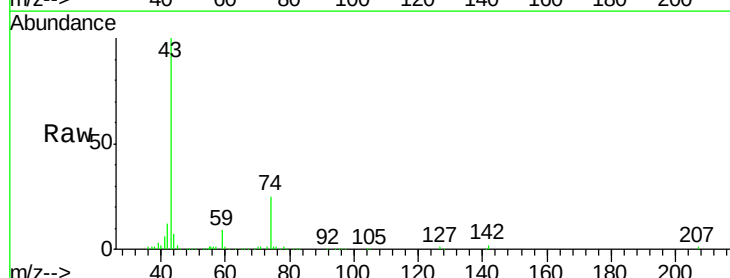
Acq: 01 Sep 2019 14:15

Tgt Ion: 43 Resp: 37719

Ion Ratio Lower Upper

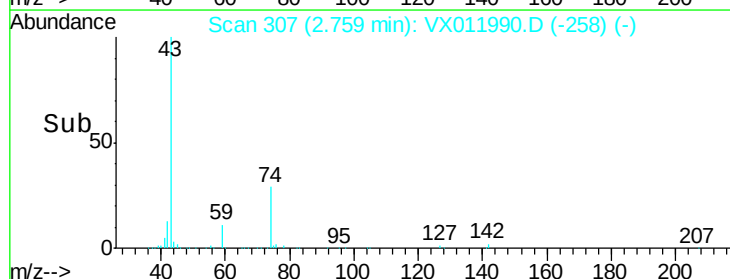
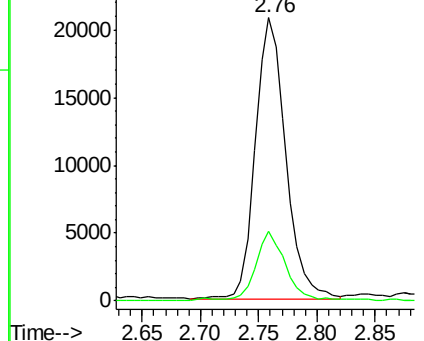
43 100

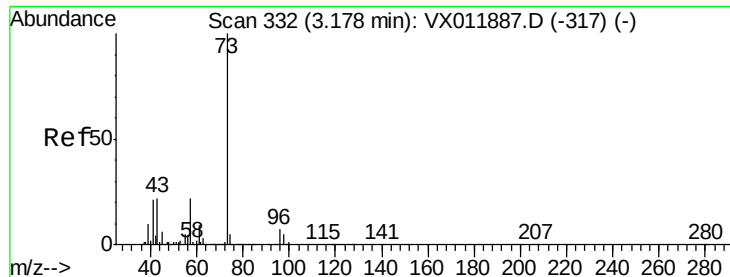
74 24.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





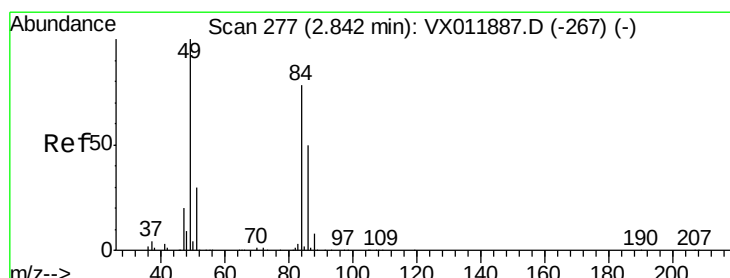
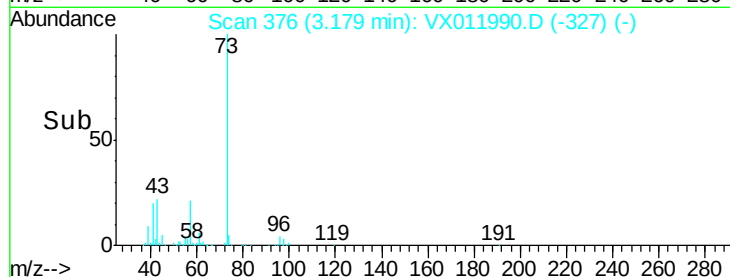
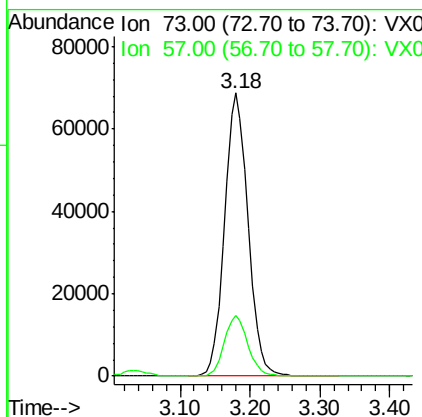
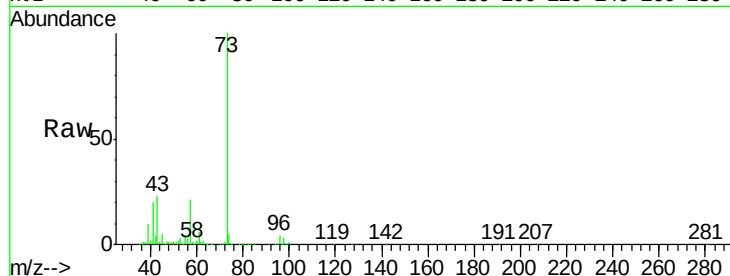
#19
Methyl tert-butyl Ether
Concen: 18.589 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion: 73 Resp: 159725
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

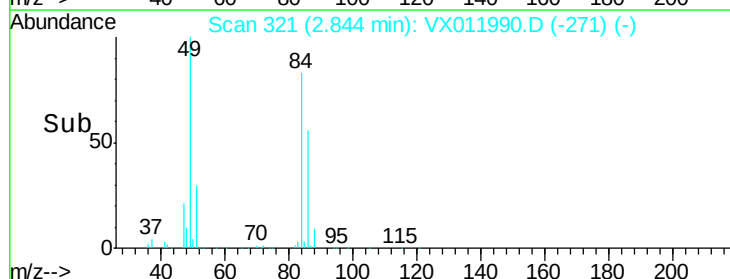
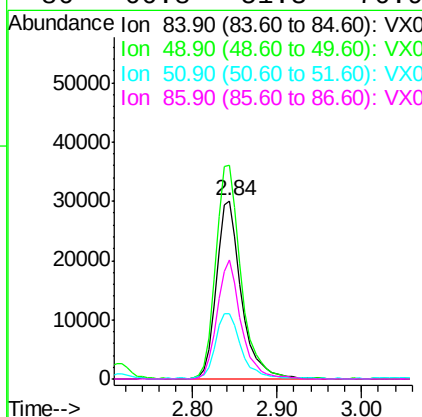
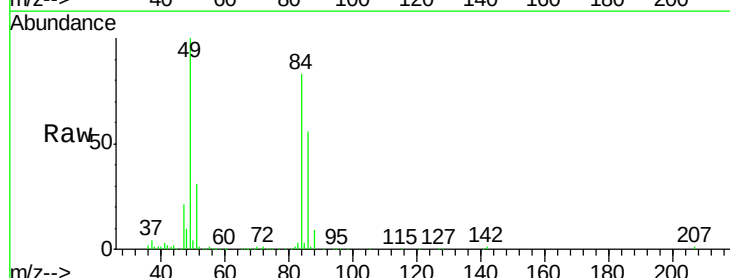
Manual Integrations
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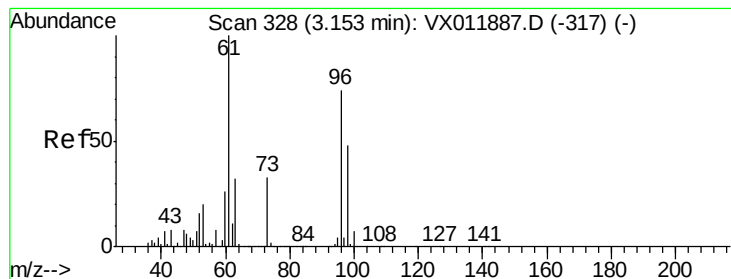
MMDadoda
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#20
Methylene Chloride
Concen: 15.098 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion: 84 Resp: 61535
Ion Ratio Lower Upper
84 100
49 119.8 103.0 154.4
51 36.5 30.8 46.2
86 66.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.822 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

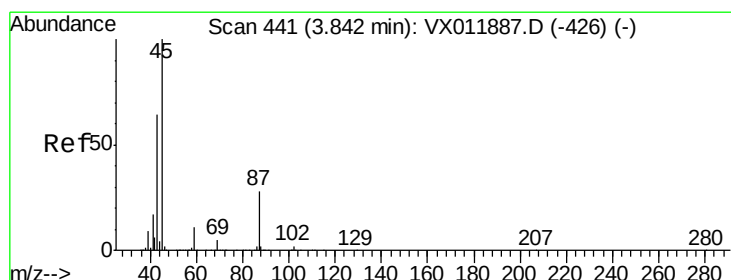
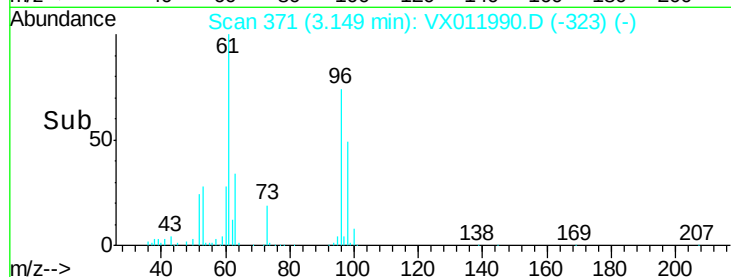
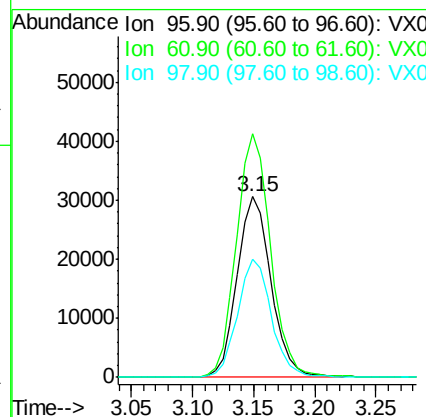
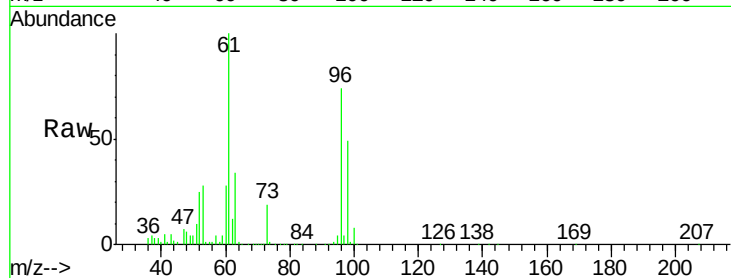
ClientSampleId :

VX0901SBS02

Tot Ion:	96	Resp:	58805
Ion	Ratio	Lower	Upper
96	100		
61	134.7	107.4	161.2
98	65.6	51.4	77.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.046 ug/l

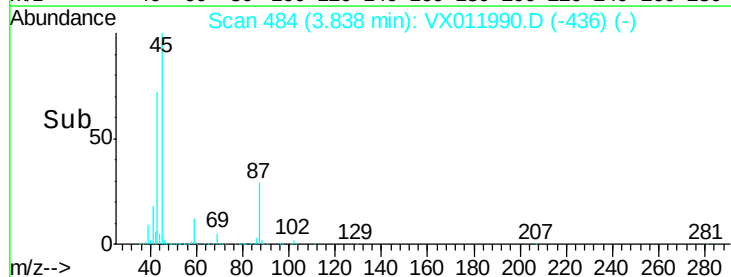
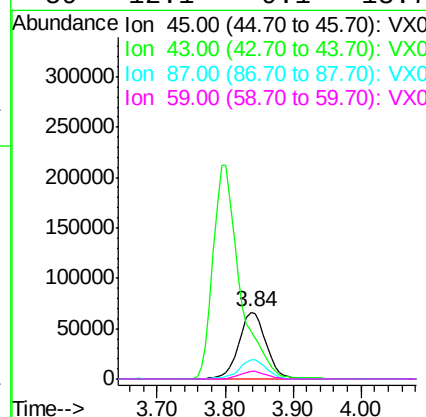
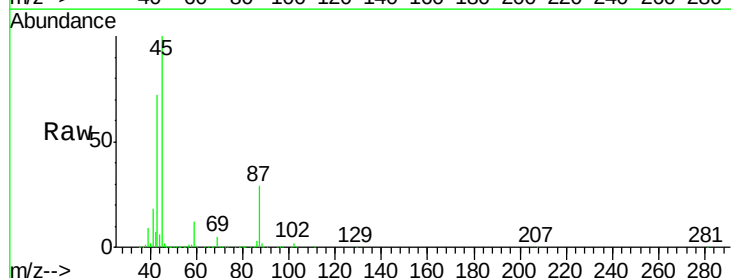
RT: 3.84 min Scan# 484

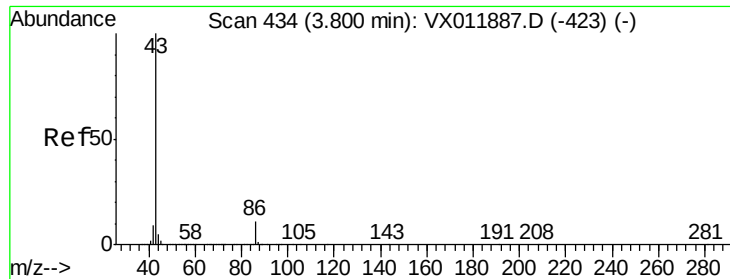
Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	45	Resp:	183294
Ion	Ratio	Lower	Upper
45	100		
43	71.4	51.0	76.6
87	28.9	22.0	33.0
59	12.1	9.1	13.7





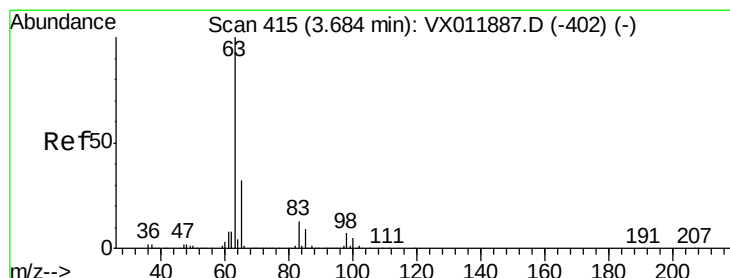
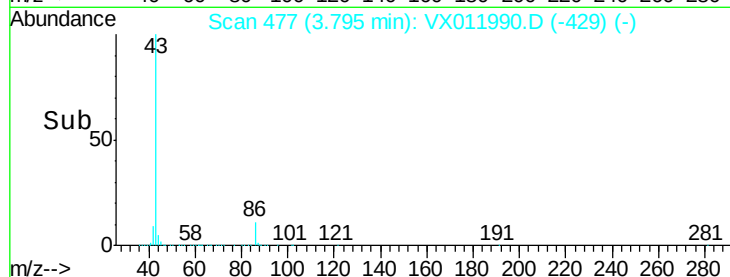
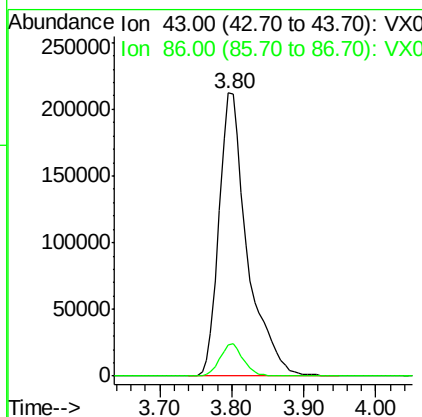
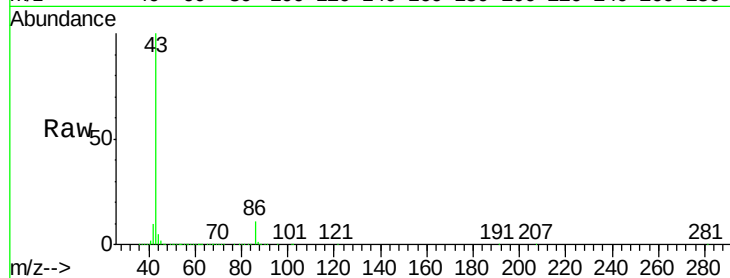
#23
 Vinyl Acetate
 Concen: 88.782 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	43	Resp	579767
Ion Ratio	100	Lower	Upper
43	100		
86	11.1	8.6	12.8

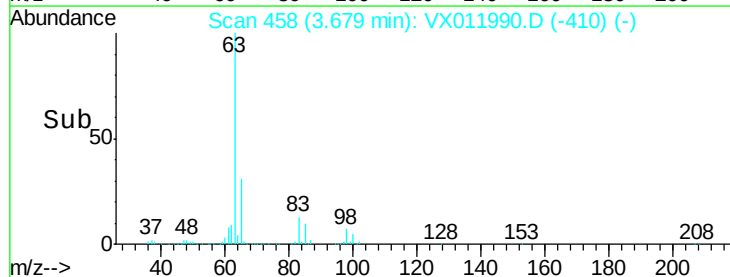
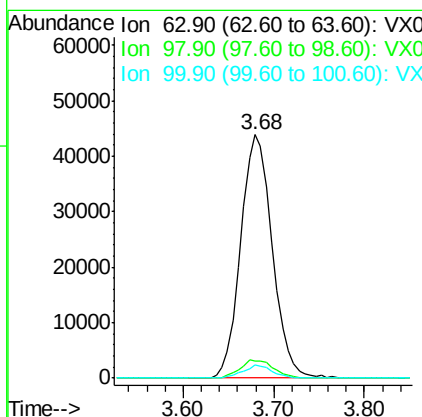
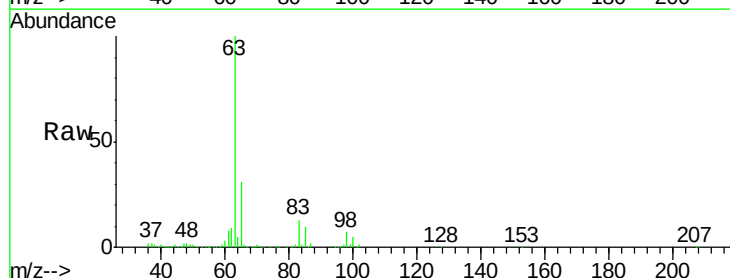
Manual Integrations
 APPROVED

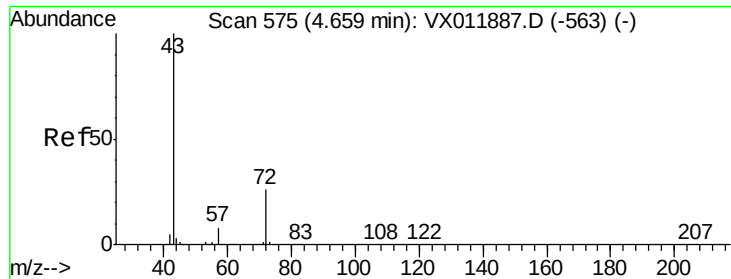
MMDadoda
 9/5/2019 2:05:10 AM



#24
 1,1-Dichloroethane
 Concen: 18.888 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	63	Resp	105791
Ion Ratio	100	Lower	Upper
63	100		
98	7.2	3.8	11.2
100	5.4	2.4	7.2





#25

2-Butanone

Concen: 92.364 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 43 Resp: 104723

Ion Ratio Lower Upper

43 100

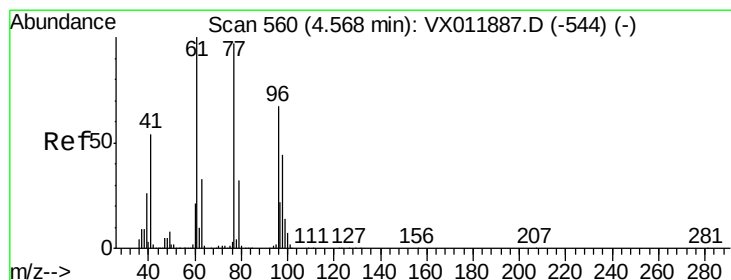
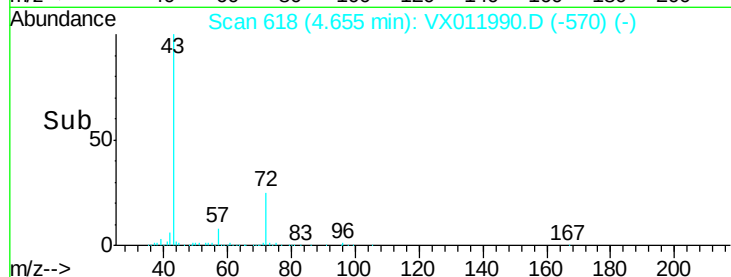
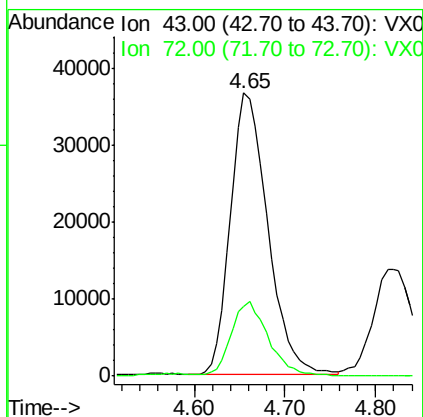
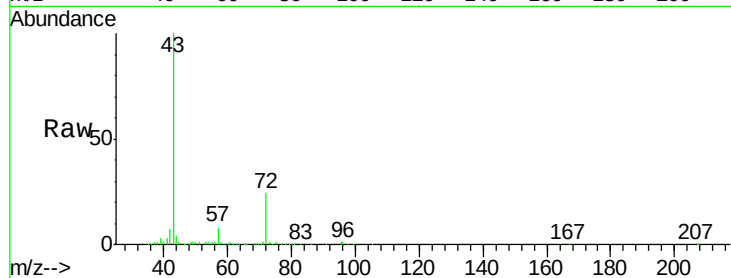
72 24.3 21.0 31.4

Manual Integrations

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MMDadoda

9/5/2019 2:05:10 AM



#26

2,2-Dichloropropane

Concen: 21.422 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011990.D

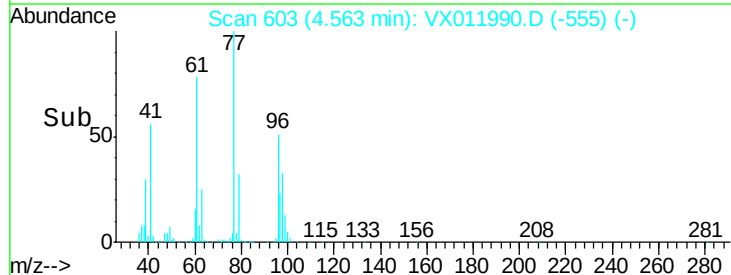
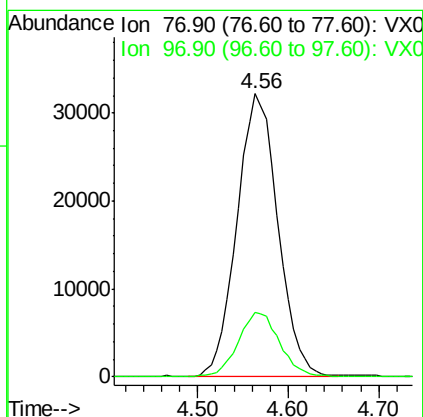
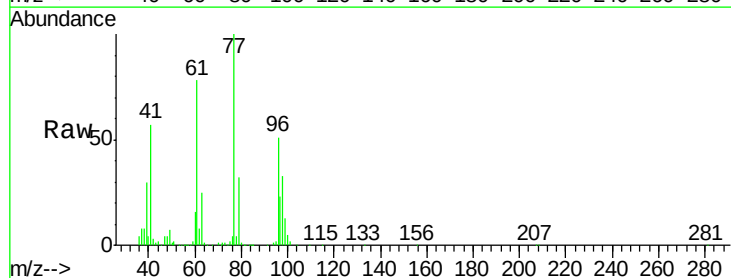
Acq: 01 Sep 2019 14:15

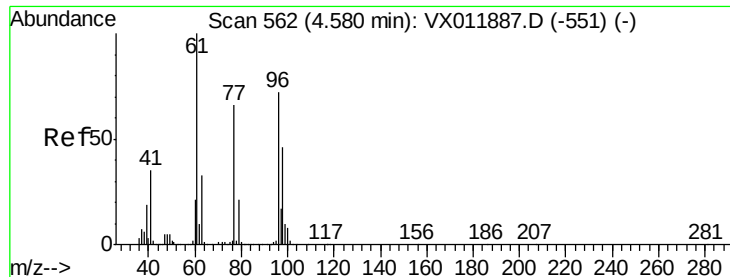
Tgt Ion: 77 Resp: 100636

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

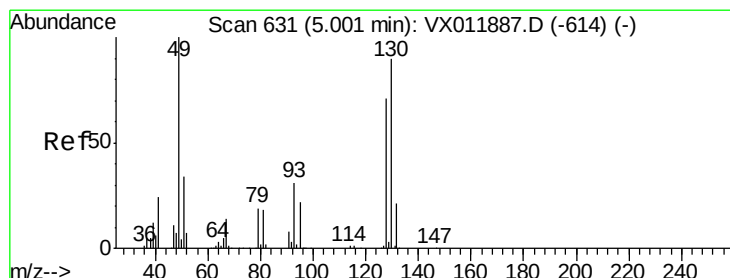
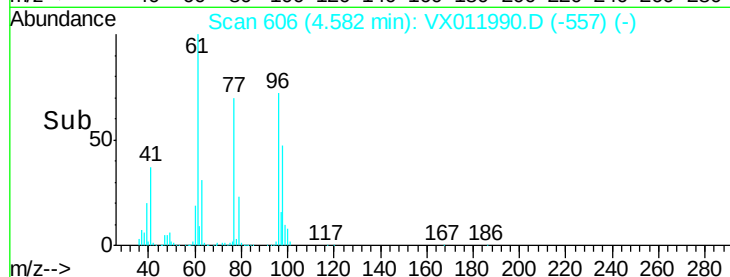
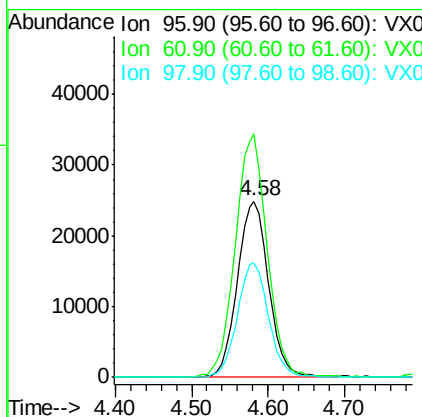
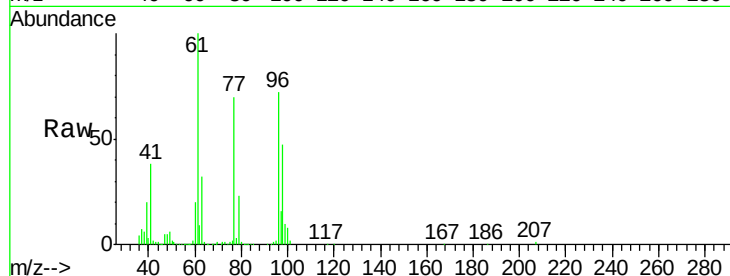
cis-1,2-Dichloroethene
Concen: 19.190 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	70623		
61	141.3		0.0	283.8
98	64.7		0.0	131.2

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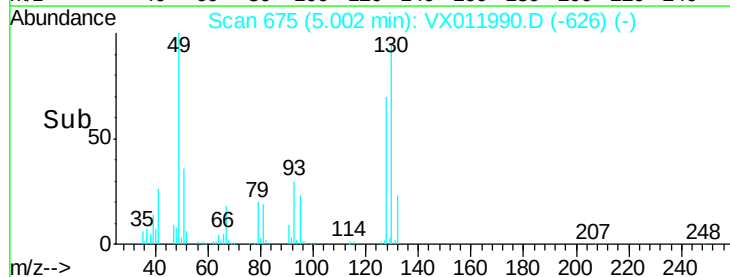
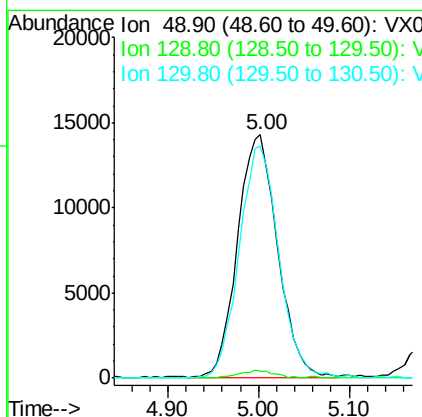
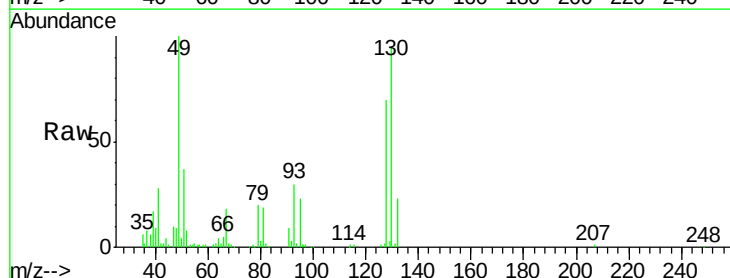
MMDadoda
9/5/2019 2:05:10 AM

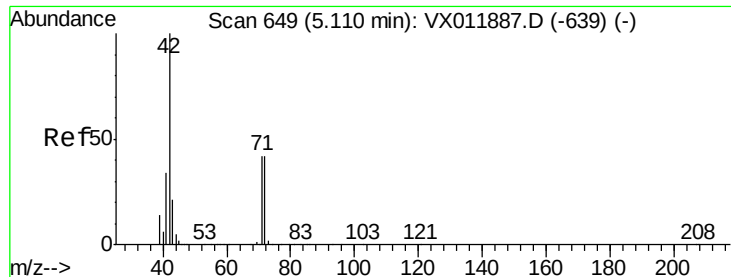


#28

Bromochloromethane
Concen: 17.291 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43458		
129	2.8		0.0	4.8
130	95.5		70.6	105.8





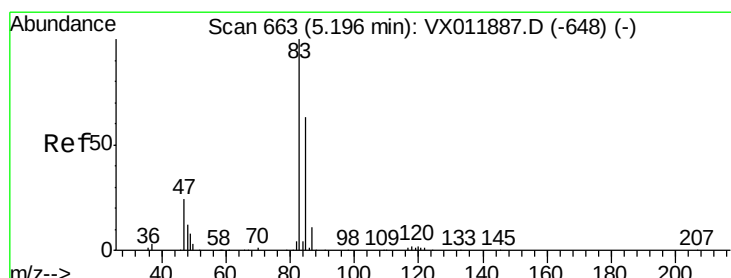
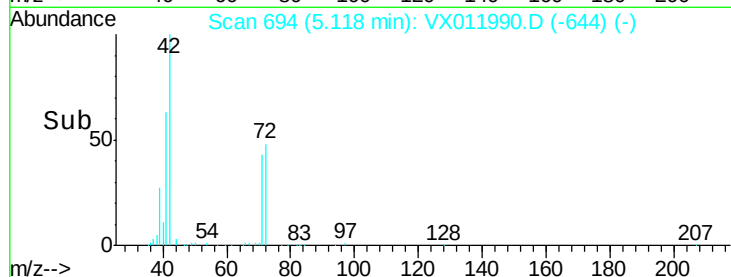
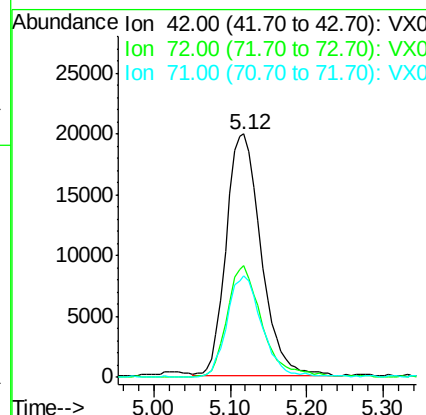
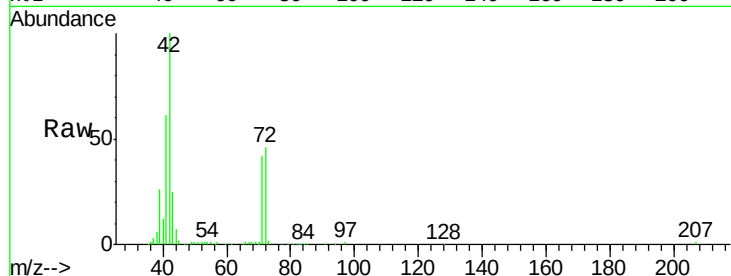
#29
Tetrahydrofuran
Concen: 88.317 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.2	54.4
71	42.2	33.1	49.7

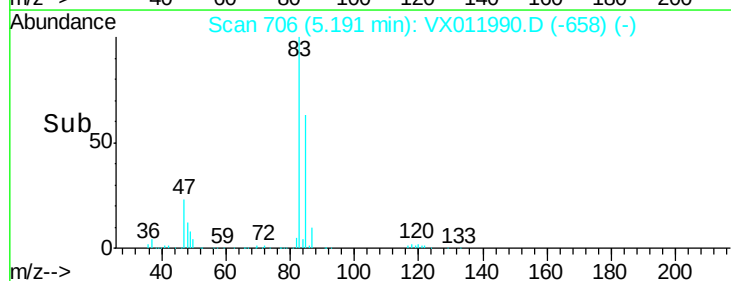
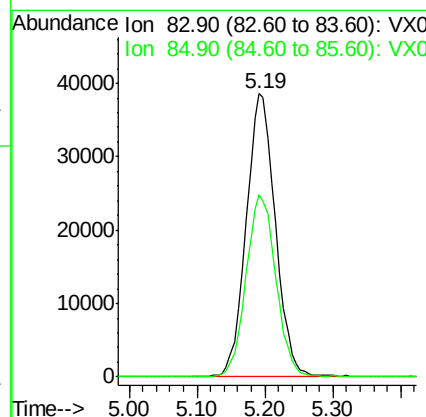
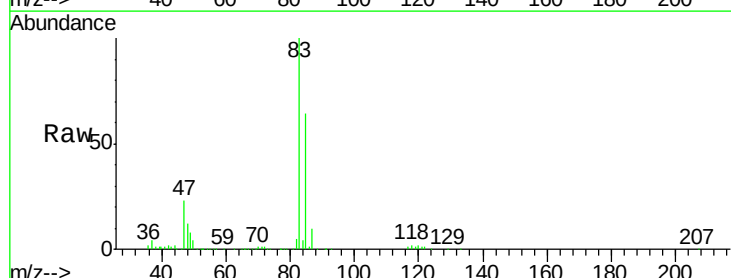
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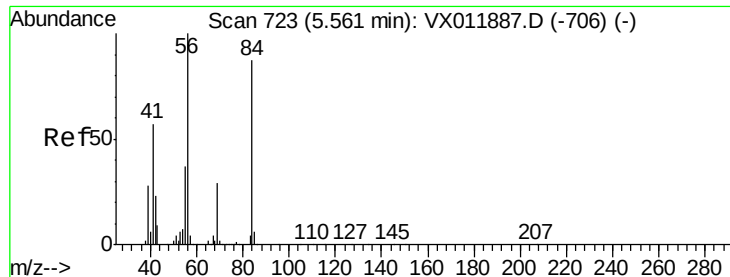
MMDadoda
9/5/2019 2:05:10 AM



#30
Chloroform
Concen: 19.216 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	75.8





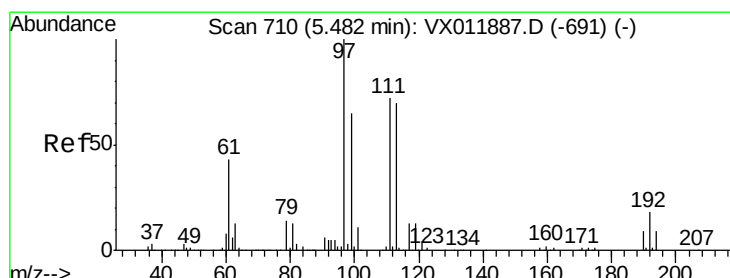
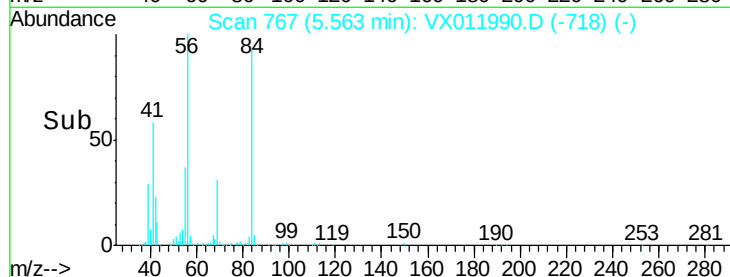
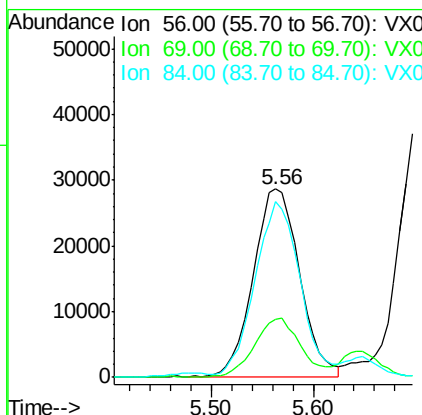
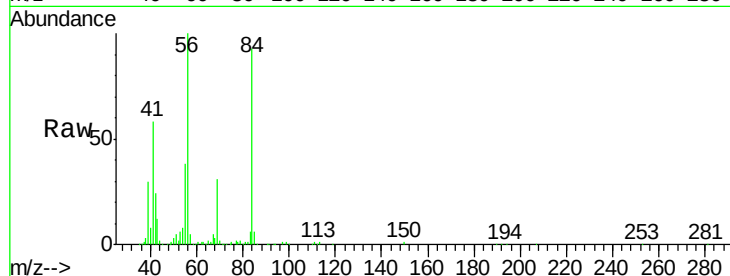
#31
Cyclohexane
Concen: 19.837 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		89620		
69	30.9	23.1	34.7		
84	91.5	69.6	104.4		

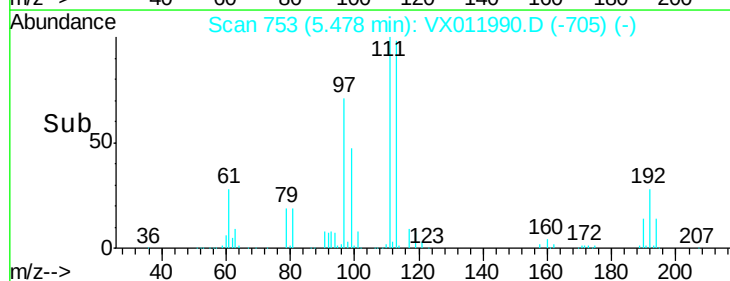
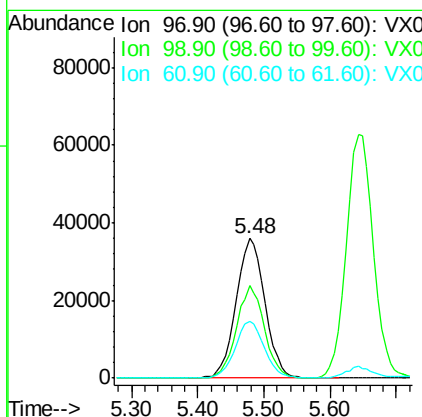
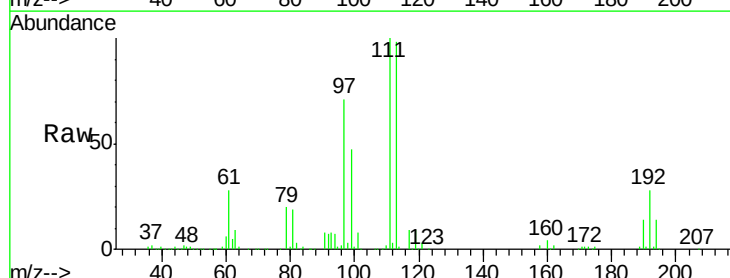
Manual Integrations
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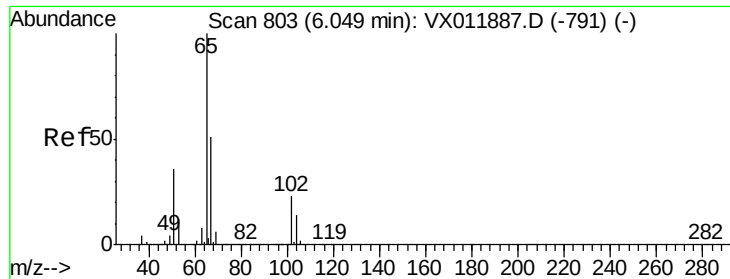
MMDadoda
9/5/2019 2:05:10 AM



#32
1,1,1-Trichloroethane
Concen: 20.504 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109077		
99	64.2	51.8	77.8		
61	40.9	33.8	50.6		





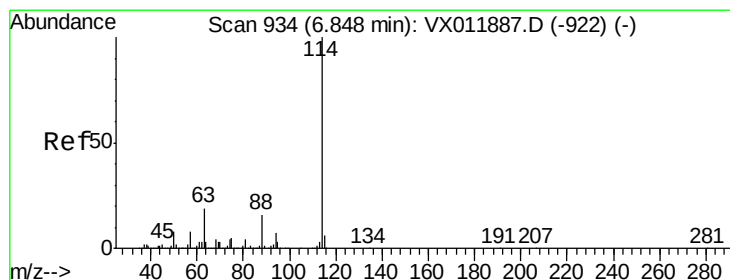
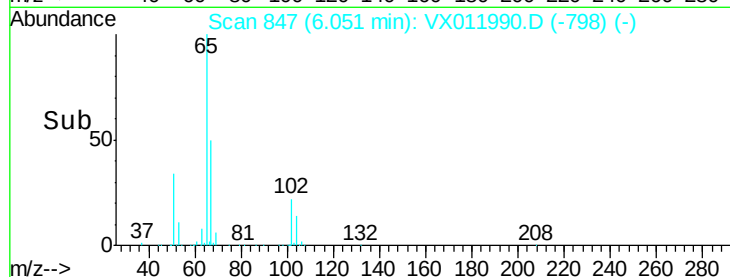
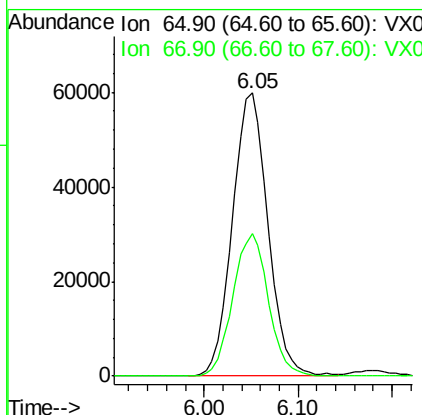
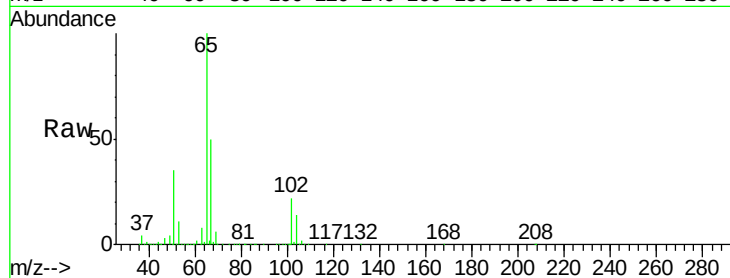
#33
 1,2-Dichloroethane-d4
 Concen: 43.335 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	156790		
67	50.3	0.0	102.2	

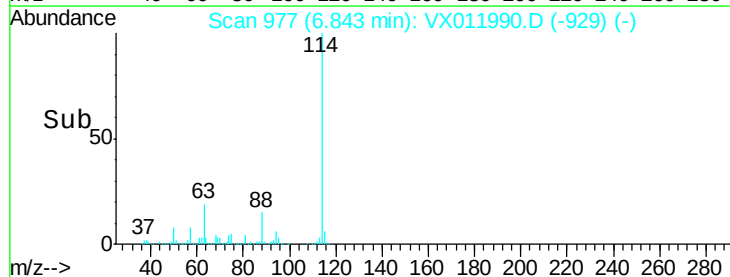
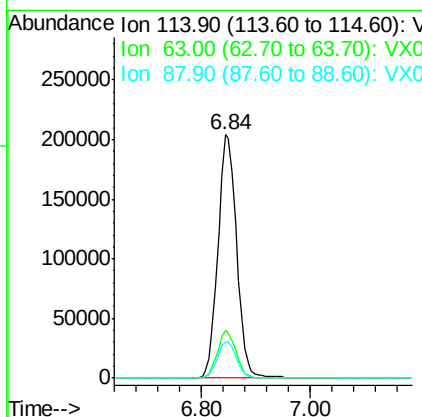
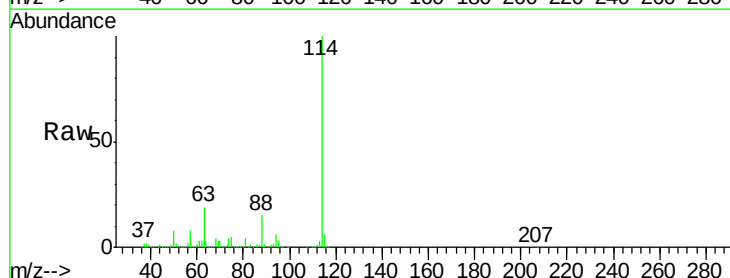
Manual Integrations
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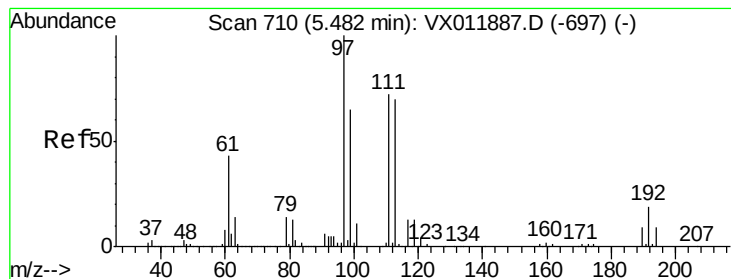
MMDadoda
 9/5/2019 2:05:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	488532		
63	19.5	0.0	38.8	
88	14.7	0.0	31.2	





#35

Dibromofluoromethane

Concen: 47.429 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

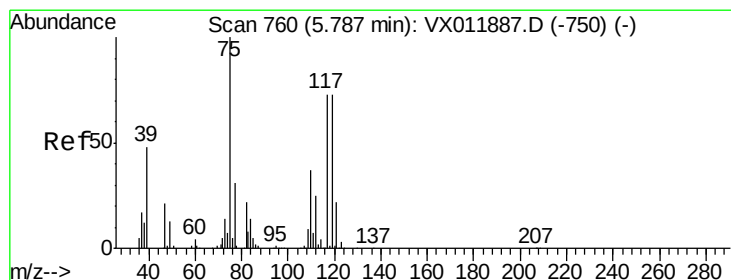
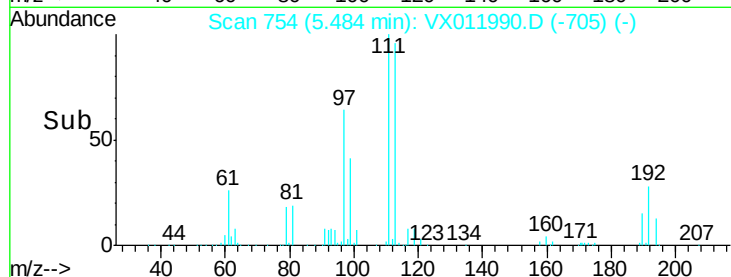
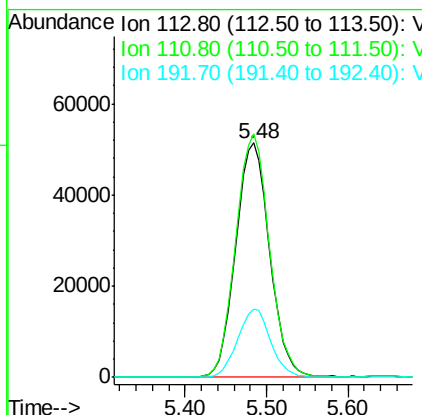
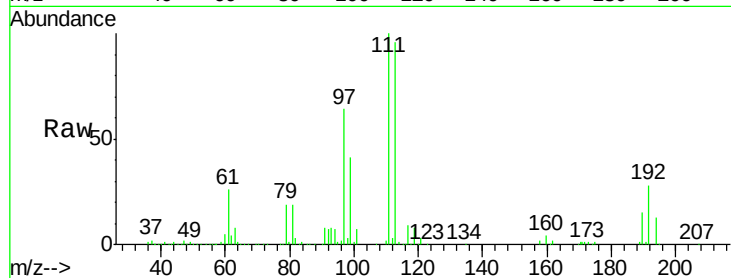
ClientSampleId :

VX0901SBS02

Tot Ion:	113	Resp:	148578
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.1	123.1
192	28.4	21.5	32.3

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MMDadoda
9/5/2019 2:05:10 AM



#36

1,1-Dichloropropene

Concen: 21.234 ug/l

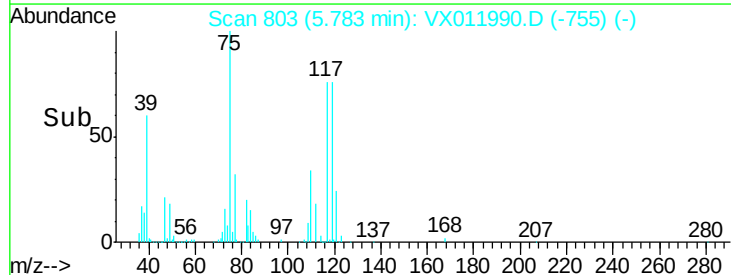
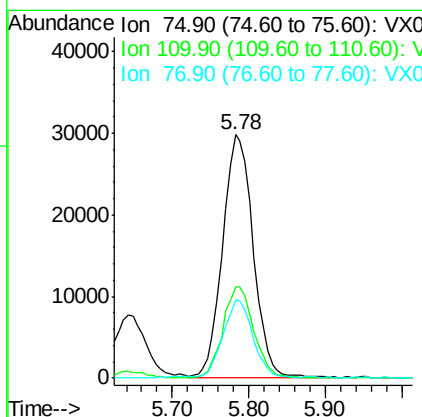
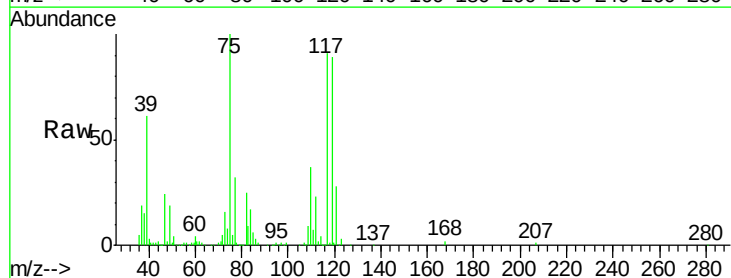
RT: 5.78 min Scan# 803

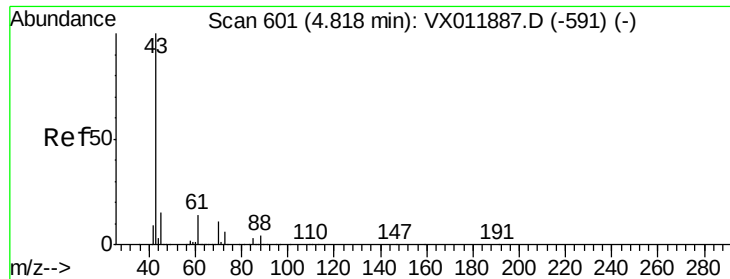
Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	75	Resp:	82182
Ion Ratio	Lower	Upper	
75	100		
110	38.1	19.1	57.3
77	31.3	24.4	36.6





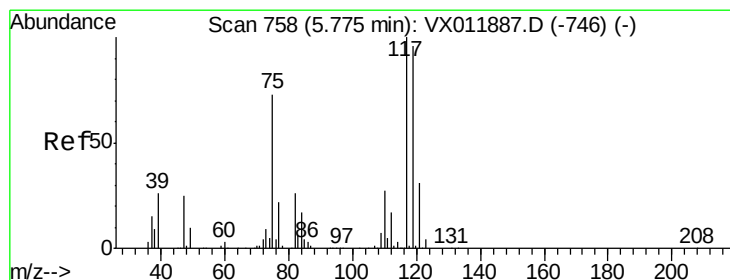
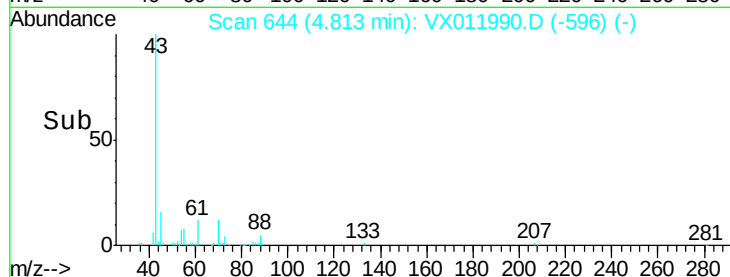
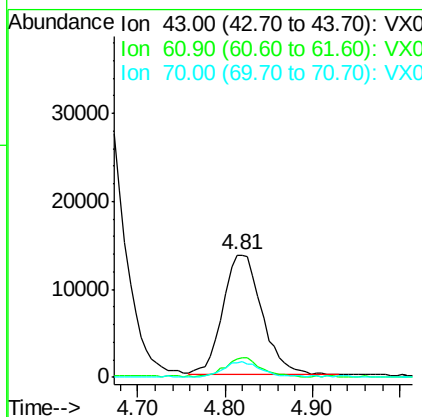
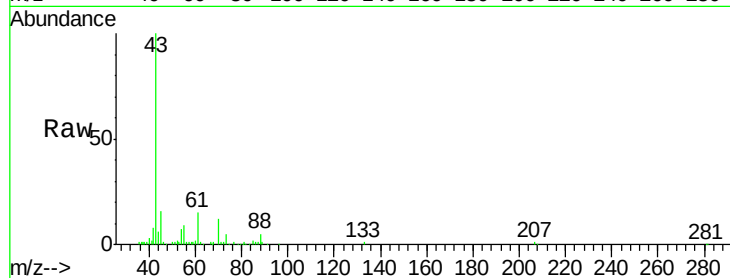
#37
Ethyl Acetate
Concen: 18.546 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	43	Resp	42488
Ion Ratio	100	Lower	Upper
61	14.1	11.0	16.4
70	12.2	9.2	13.8

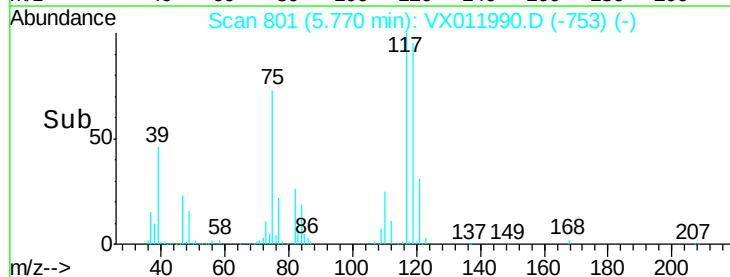
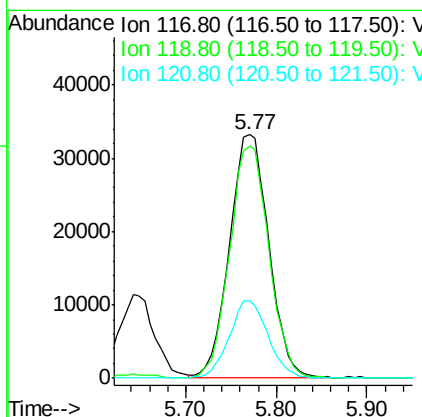
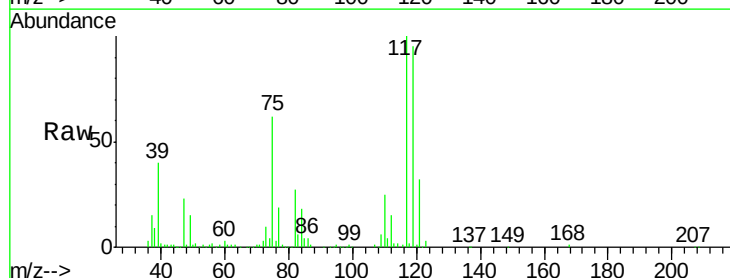
Manual Integrations
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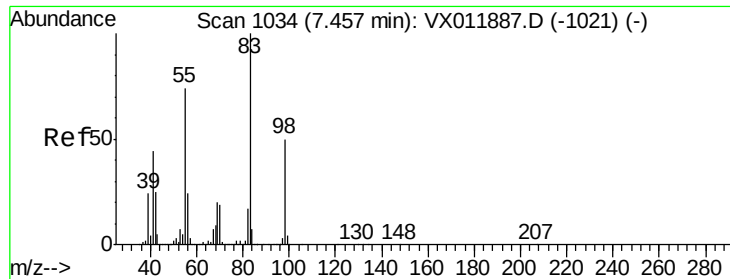
MMDadoda
9/5/2019 2:05:10 AM



#38
Carbon Tetrachloride
Concen: 22.194 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	117	Resp	99621
Ion Ratio	100	Lower	Upper
119	95.1	76.6	114.8
121	31.7	24.7	37.1





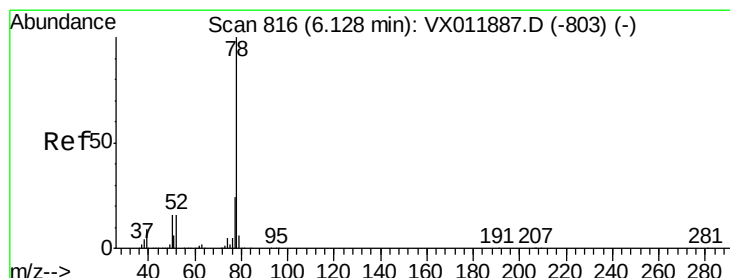
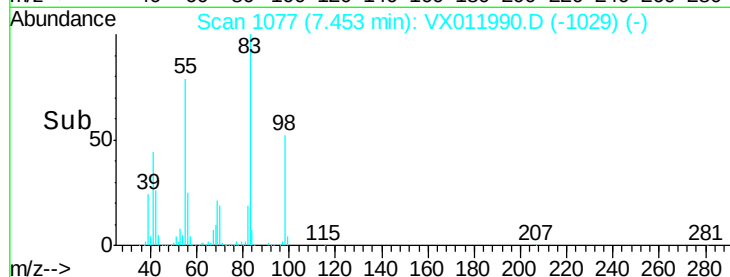
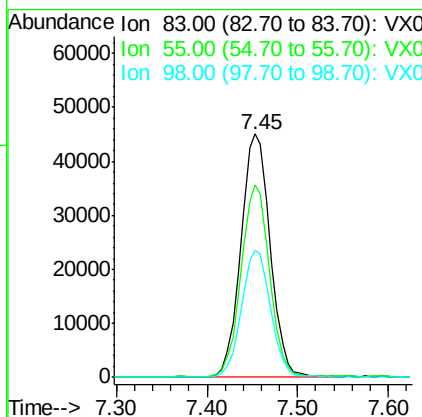
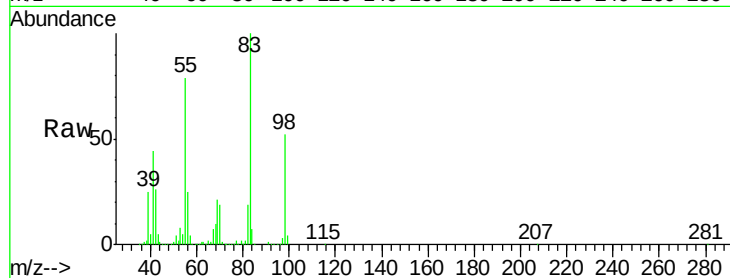
#39
Methylvlcyclohexane
Concen: 21.903 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.7	59.4	89.0
98	52.3	40.3	60.5

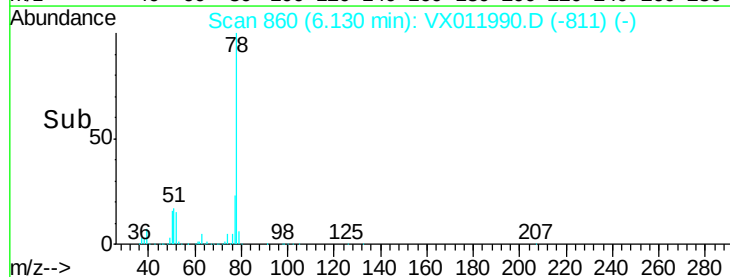
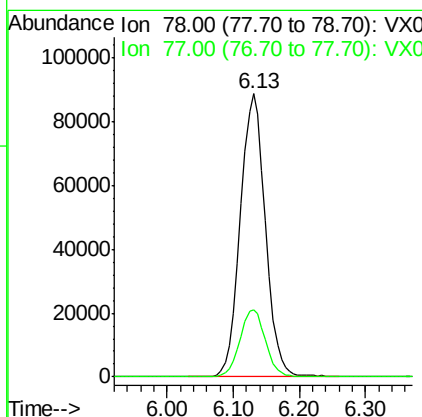
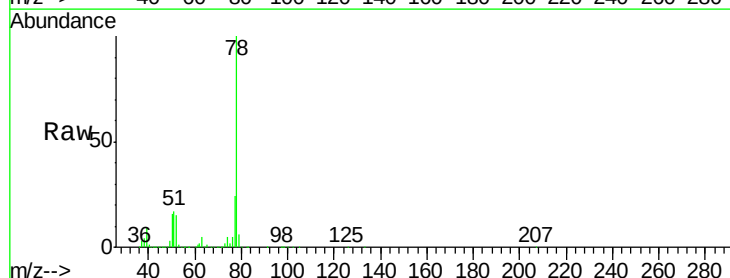
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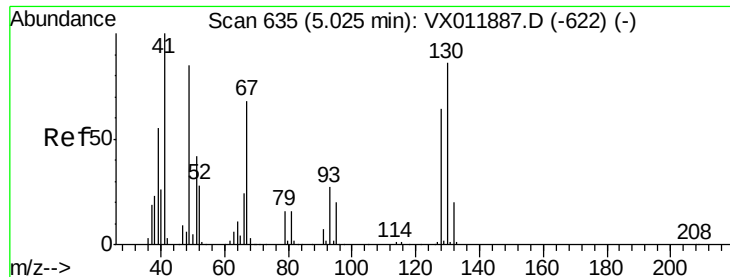
MMDadoda
9/5/2019 2:05:10 AM



#40
Benzene
Concen: 20.292 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





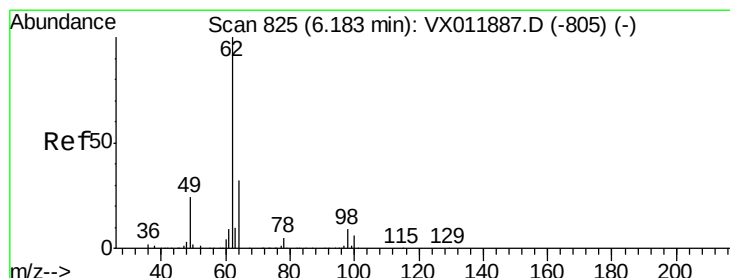
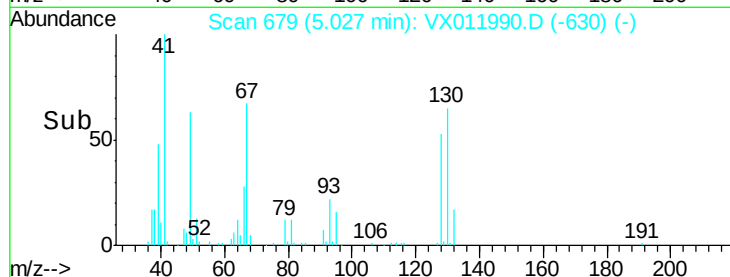
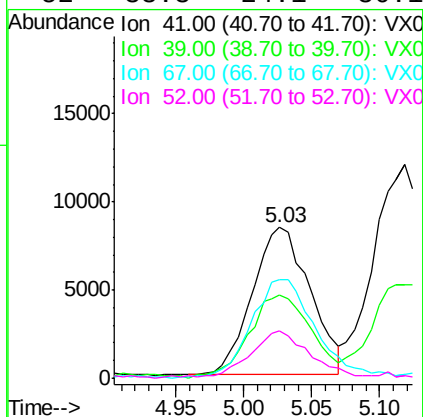
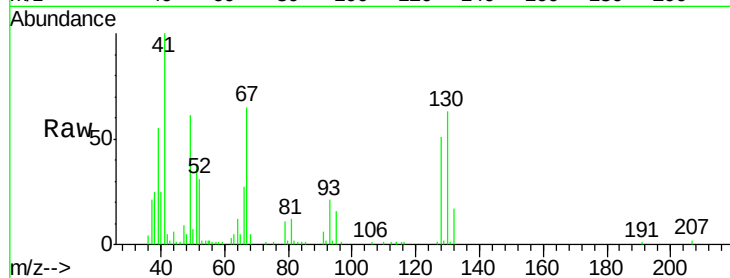
#41
Methacrylonitrile
Concen: 18.461 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.6	45.0	67.6	
67	74.5	55.0	82.4	
52	33.3	24.1	36.1	

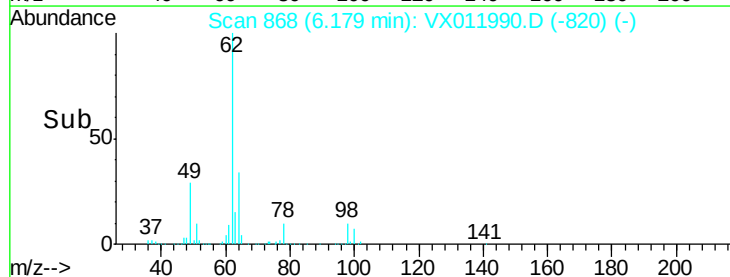
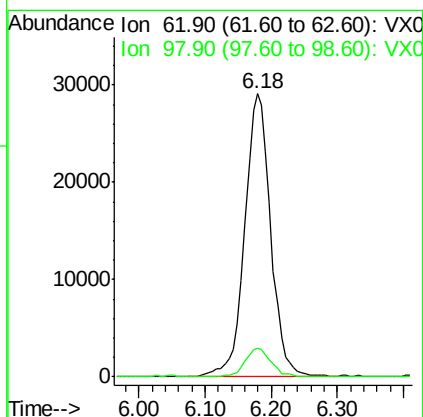
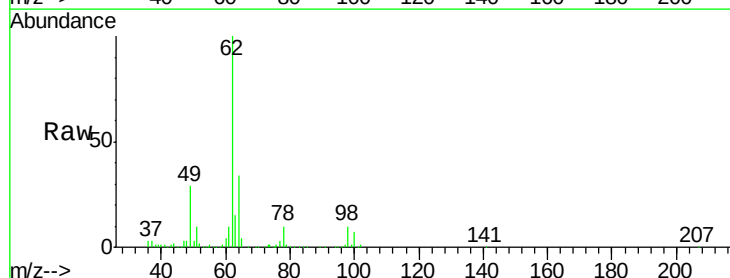
Manual Integrations
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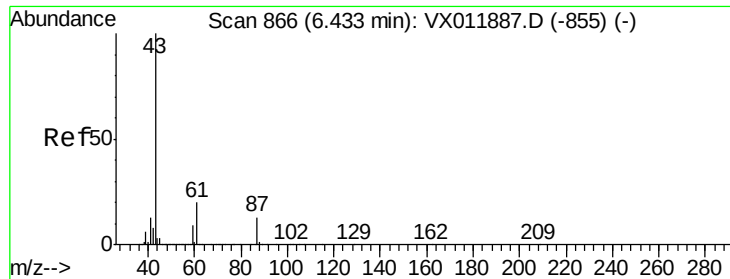
MMDadoda
9/5/2019 2:05:10 AM



#42
1,2-Dichloroethane
Concen: 19.995 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	19.2	





#43

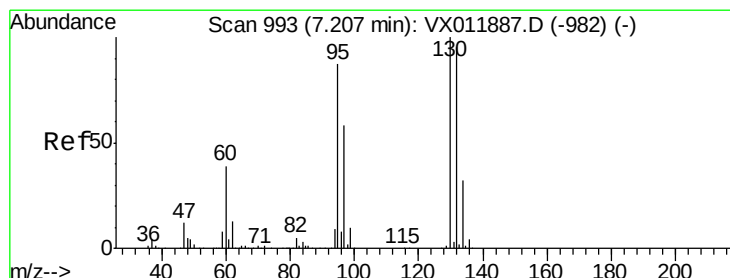
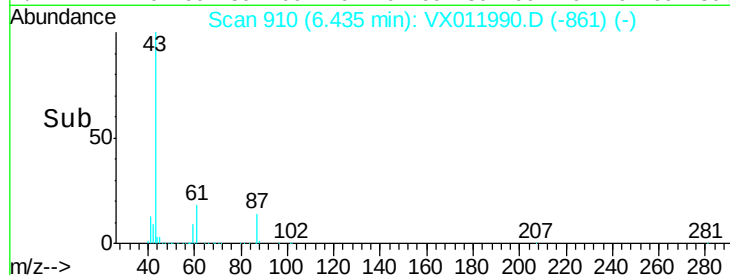
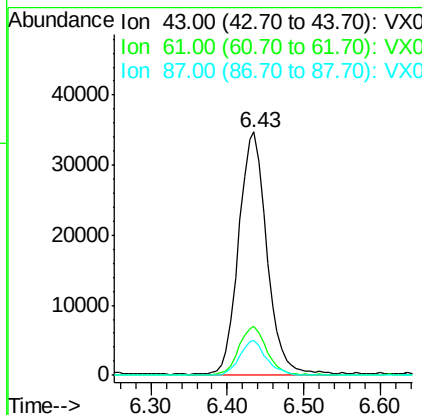
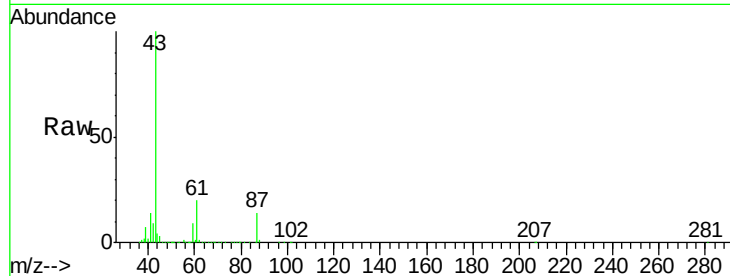
Isopropyl Acetate
 Concen: 18.993 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	13.8	10.6	16.0

Manual Integrations
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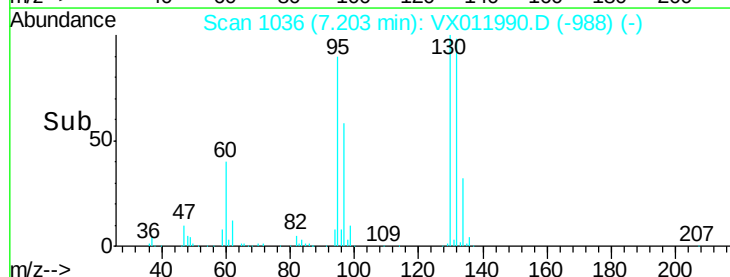
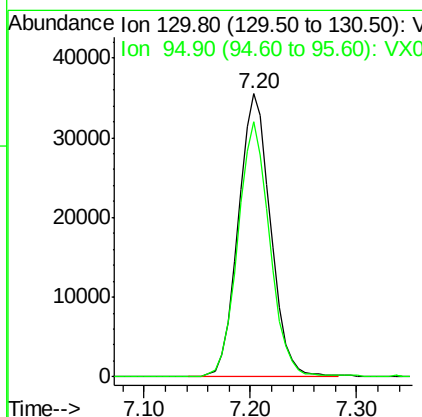
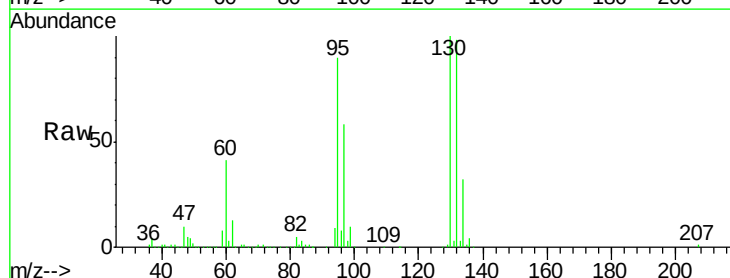
MMDadoda
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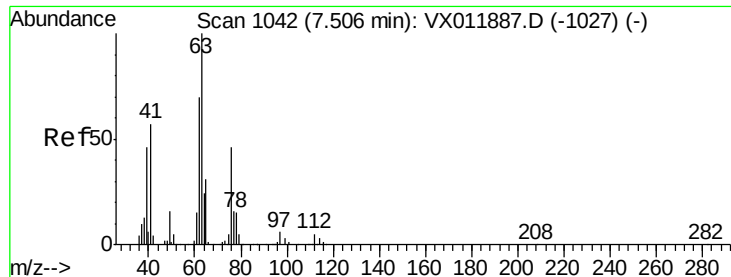


#44

Trichloroethene
 Concen: 21.171 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	174.6





#45

1,2-Dichloropropane

Concen: 19.421 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 63 Resp: 58690

Ion Ratio Lower Upper

63 100

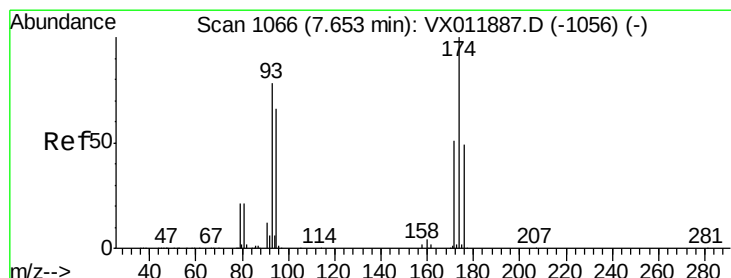
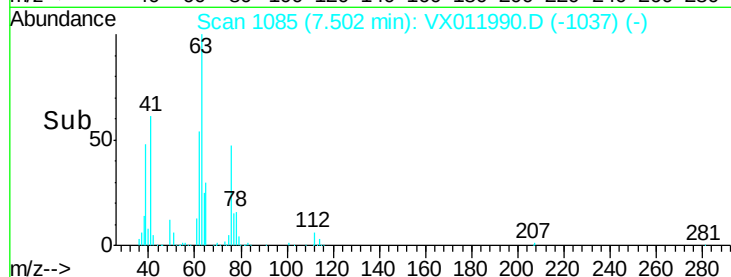
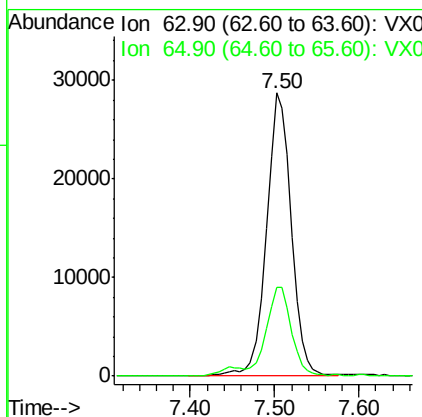
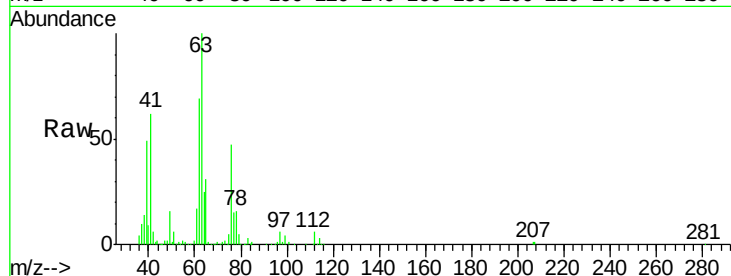
65 31.0 25.1 37.7

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#46

Dibromomethane

Concen: 19.382 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

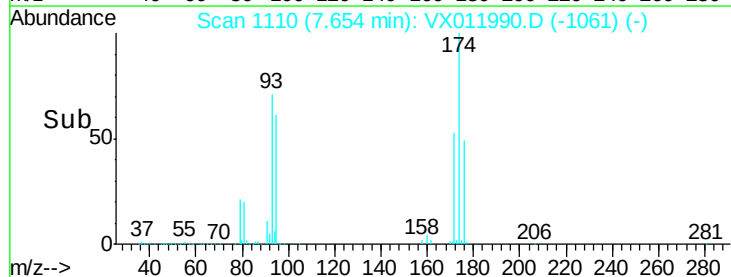
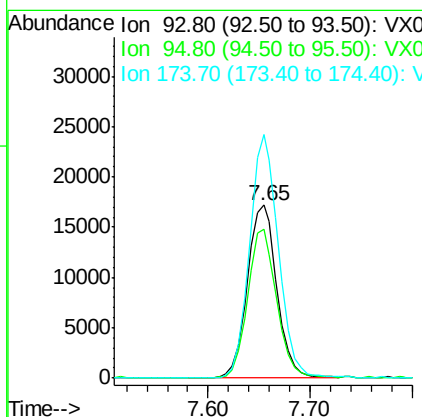
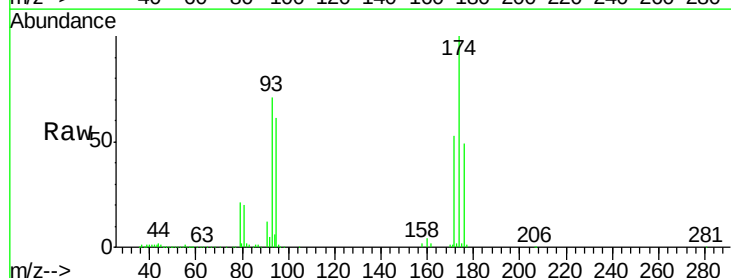
Tgt Ion: 93 Resp: 34760

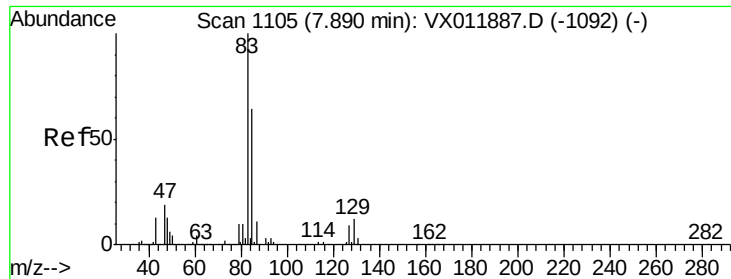
Ion Ratio Lower Upper

93 100

95 84.5 65.7 98.5

174 136.9 104.2 156.4





#47

Bromodichloromethane

Concen: 20.328 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

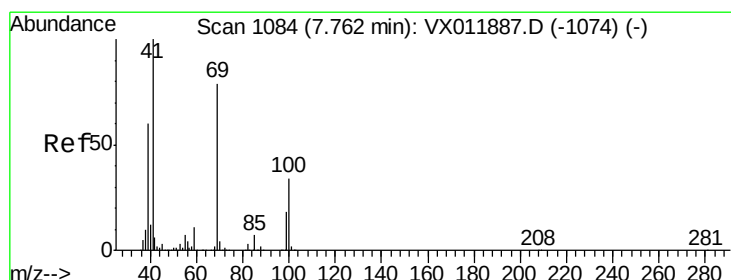
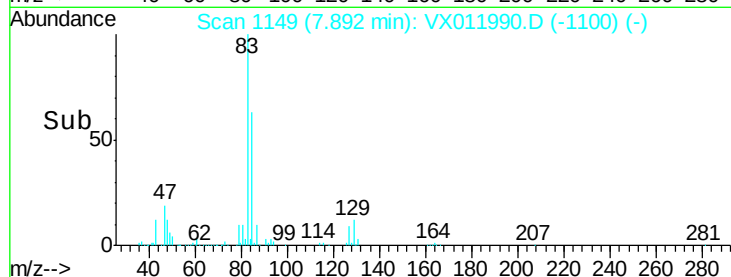
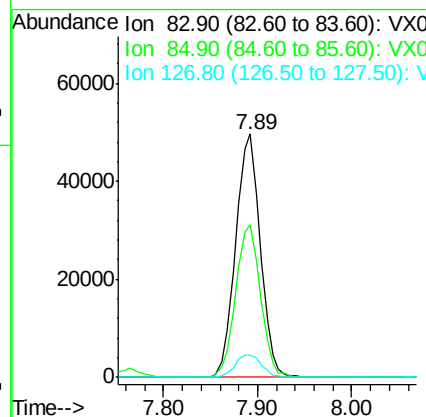
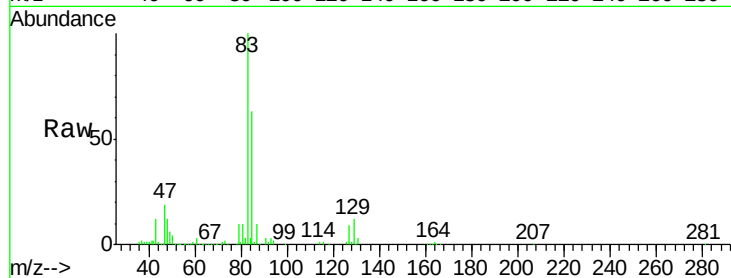
ClientSampleId :

VX0901SBS02

Tot Ion:	83	Resp:	90404
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.1	76.7
127	9.3	7.4	11.2

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#48

Methyl methacrylate

Concen: 18.602 ug/l

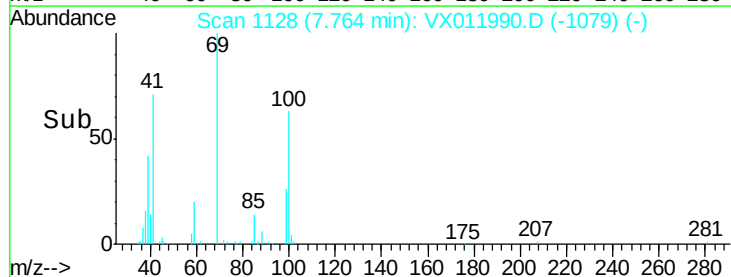
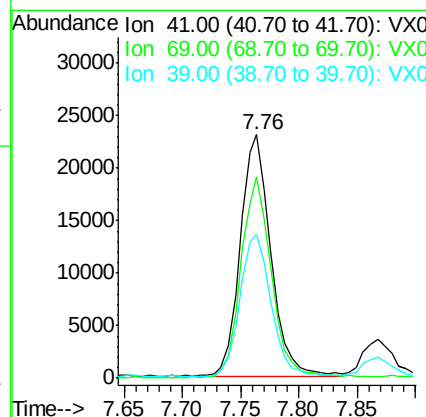
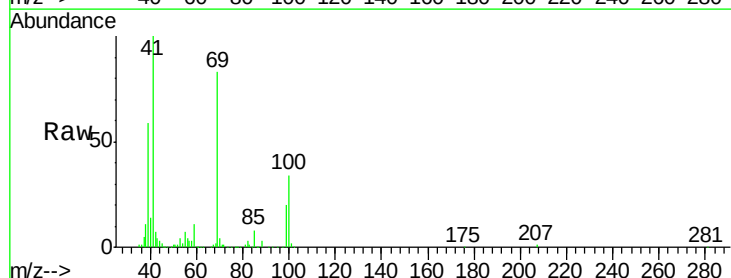
RT: 7.76 min Scan# 1128

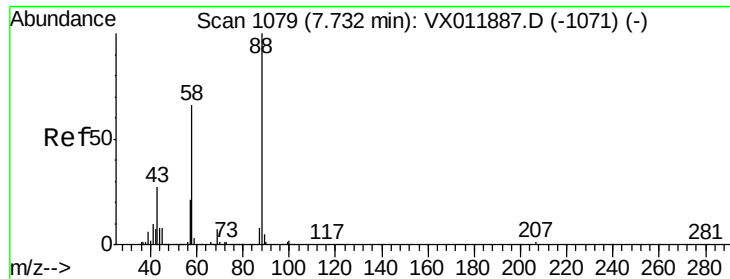
Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	41	Resp:	42041
Ion	Ratio	Lower	Upper
41	100		
69	83.1	64.4	96.6
39	60.5	47.2	70.8





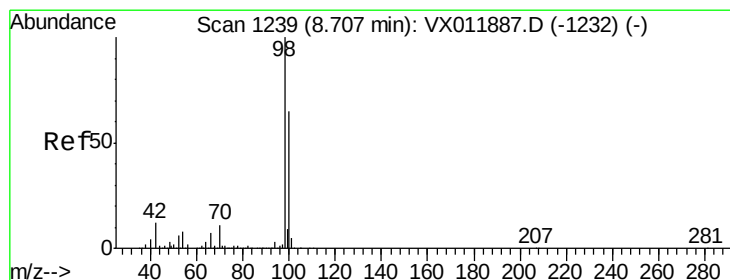
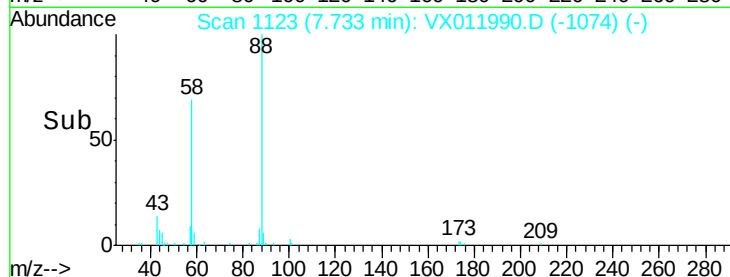
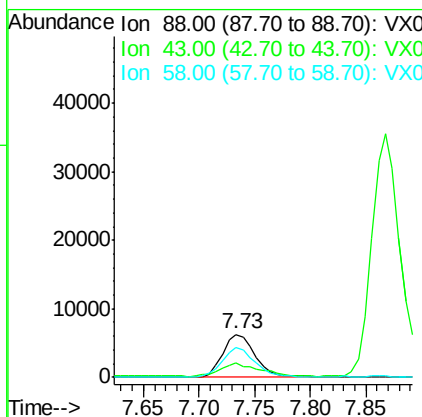
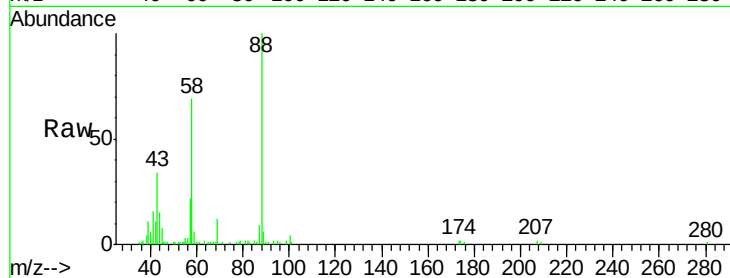
#49
1,4-Dioxane
Concen: 407.131 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	27.3	40.9
58	73.1	53.9	80.9

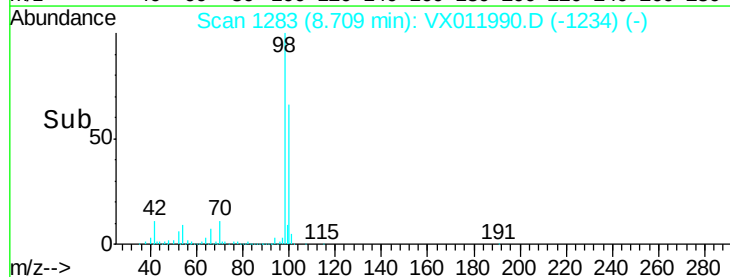
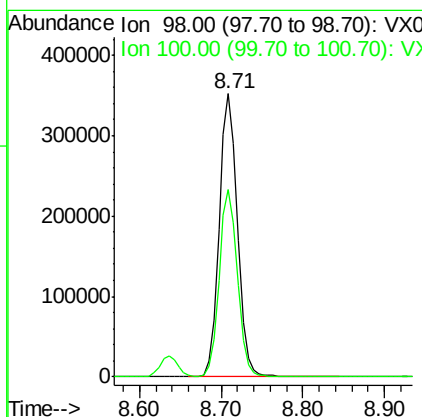
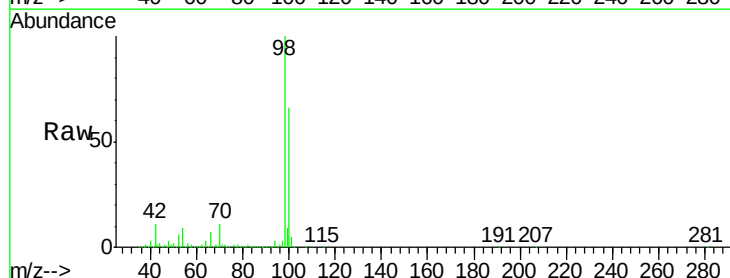
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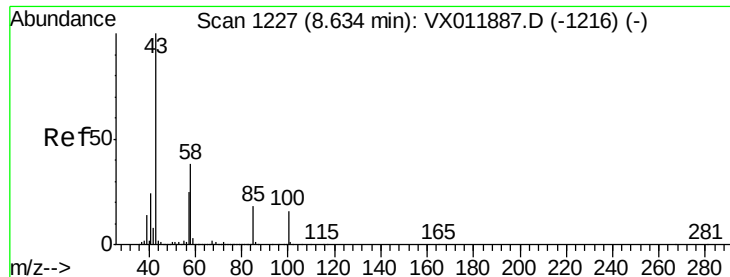
MMDadoda
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#50
Toluene-d8
Concen: 49.220 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 94.944 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 43 Resp: 224036

Ion Ratio Lower Upper

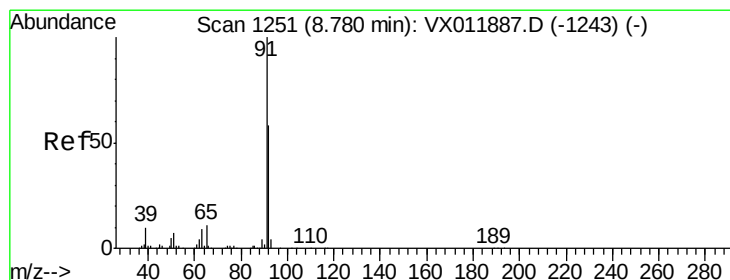
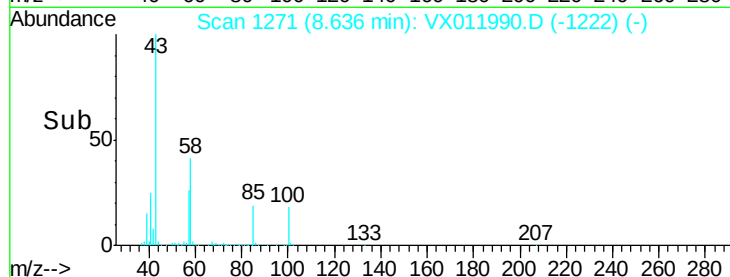
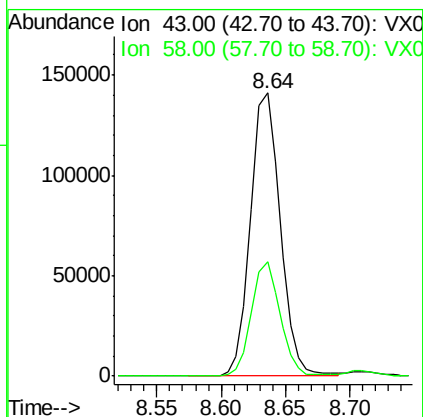
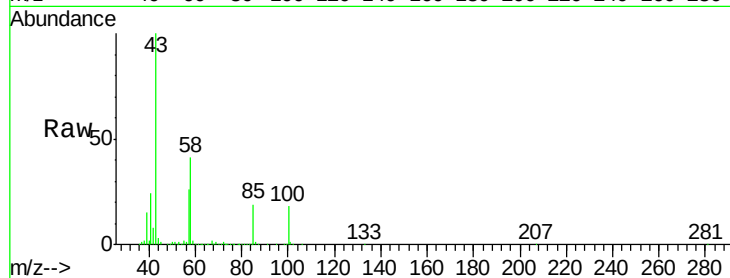
43 100

58 38.9 30.9 46.3

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#52

Toluene

Concen: 20.537 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX011990.D

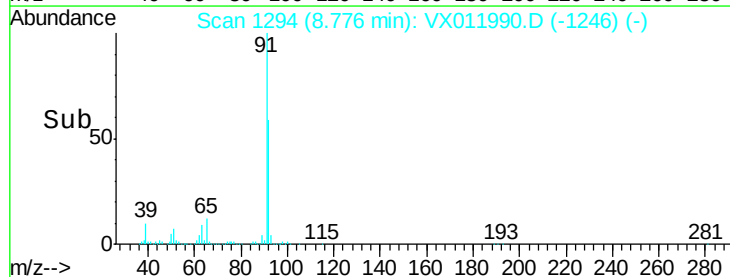
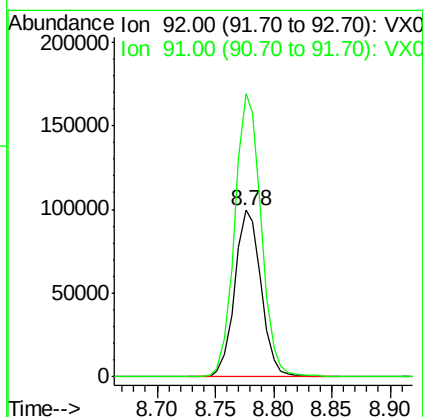
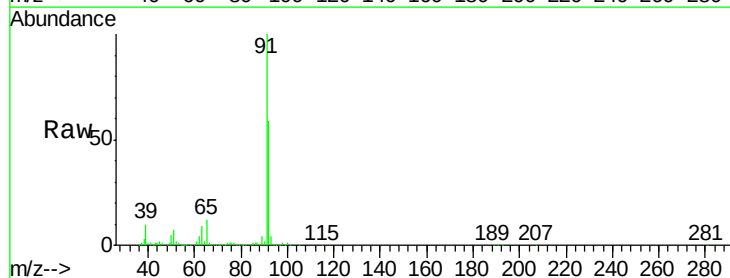
Acq: 01 Sep 2019 14:15

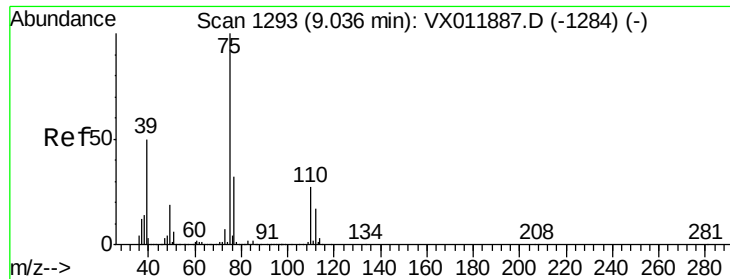
Tgt Ion: 92 Resp: 156965

Ion Ratio Lower Upper

92 100

91 170.4 136.8 205.2





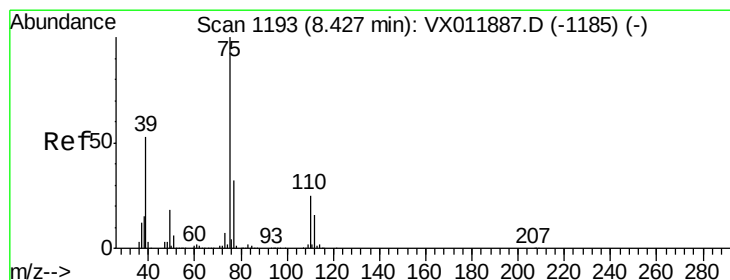
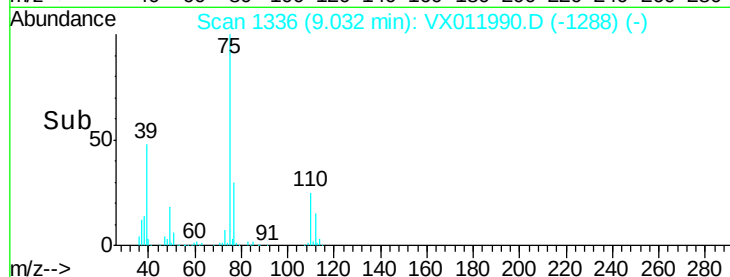
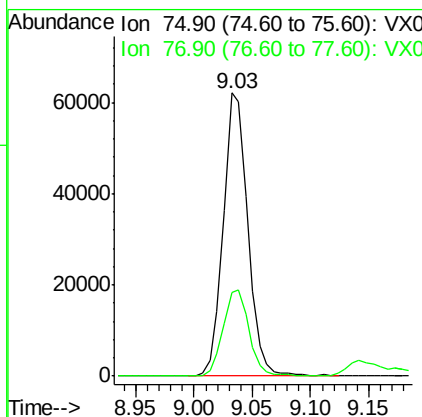
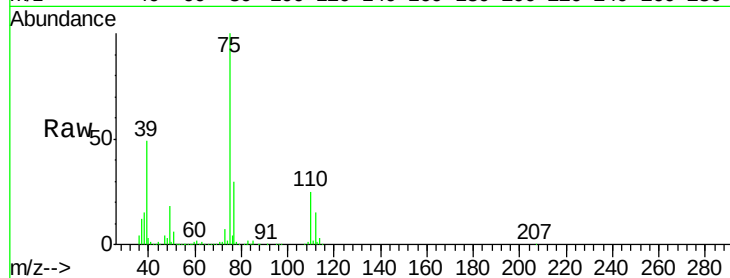
#53
t-1,3-Dichloropropene
Concen: 19.788 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.3	25.6	38.4

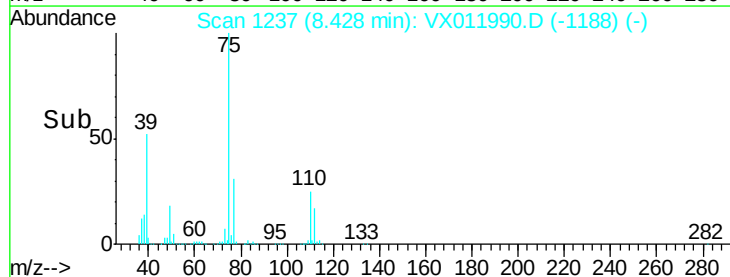
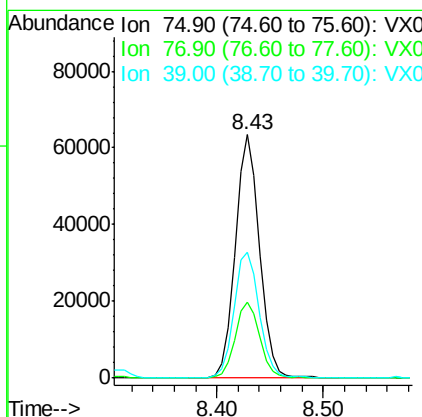
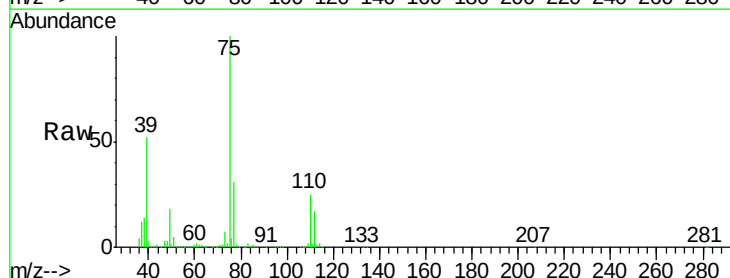
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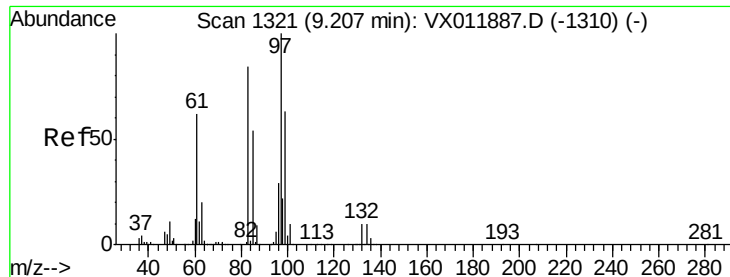
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.862 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3
39	51.6	42.6	64.0





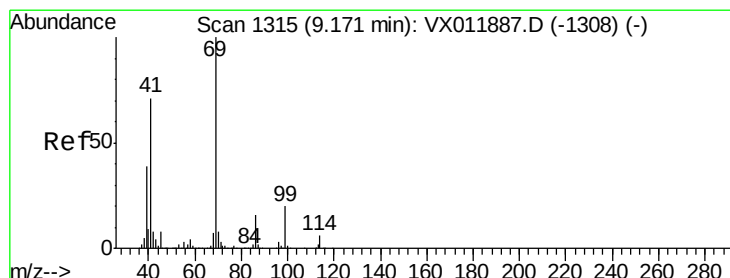
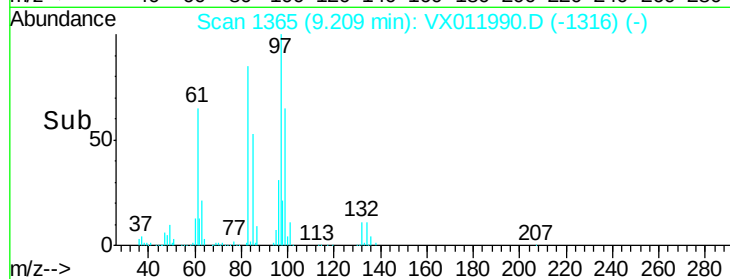
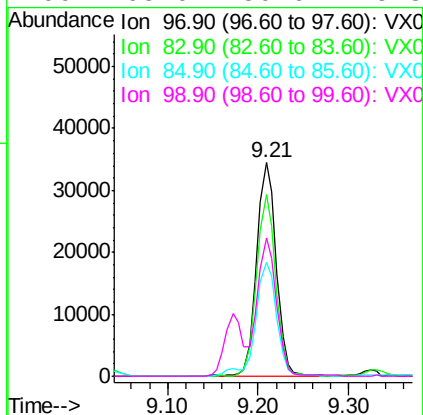
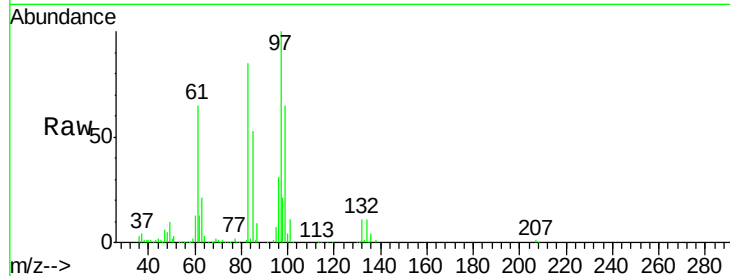
#55
 1,1,2-Trichloroethane
 Concen: 19.832 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion:	97	Resp:	52069
Ion	Ratio	Lower	Upper
97	100		
83	85.0	66.8	100.2
85	53.6	43.5	65.3
99	65.0	50.6	75.8

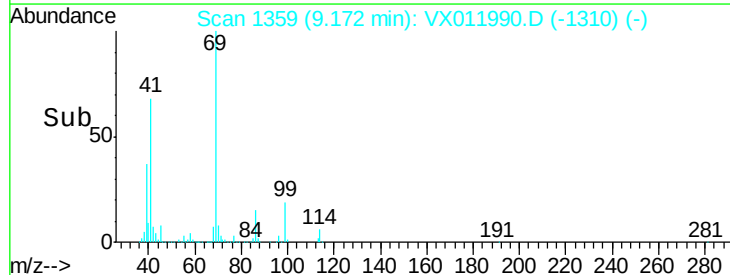
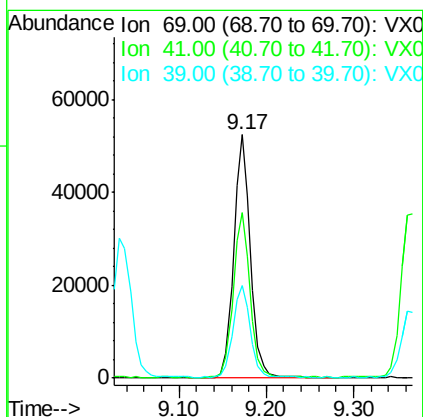
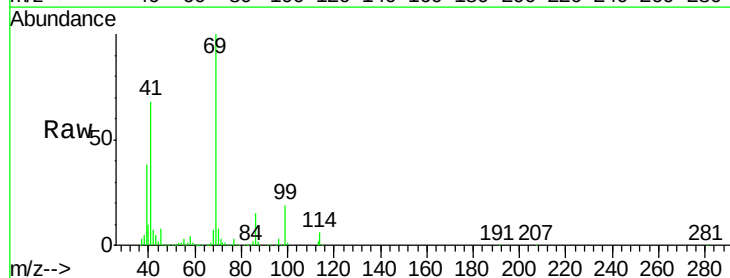
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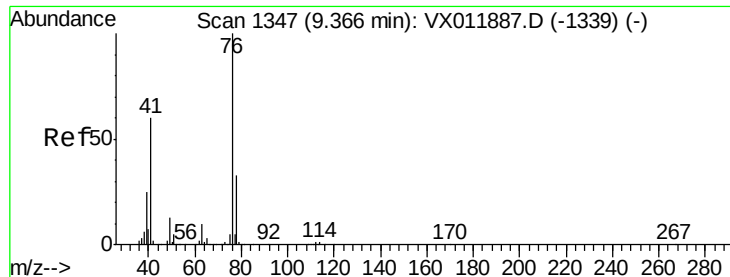
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#56
 Ethyl methacrylate
 Concen: 19.132 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion:	69	Resp:	69718
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.8	83.8
39	39.0	31.1	46.7





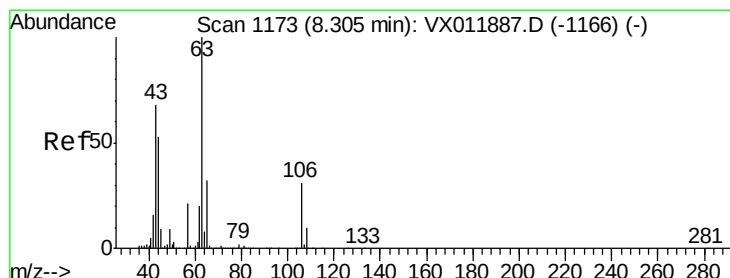
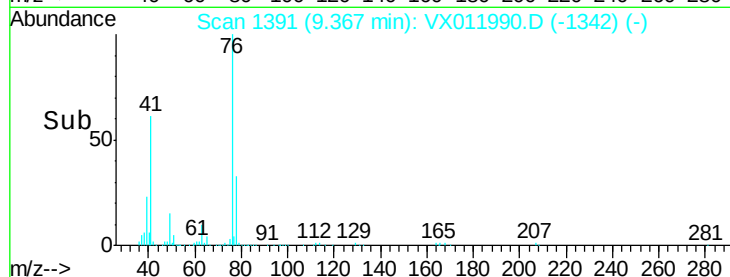
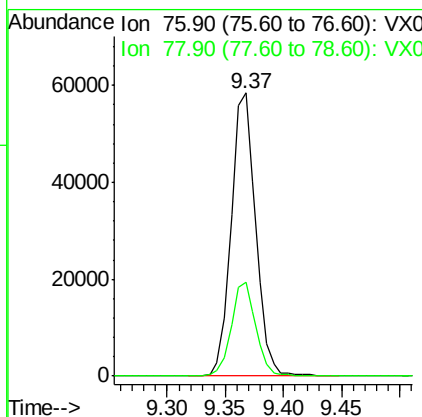
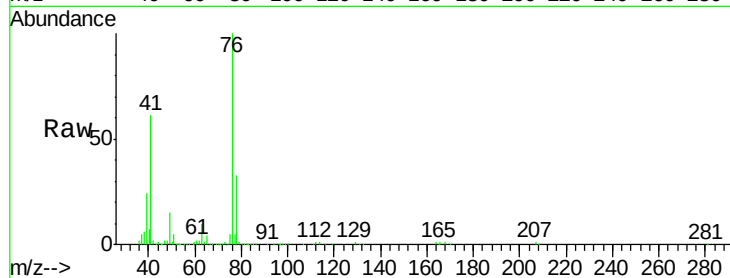
#57
 1,3-Dichloropropane
 Concen: 19.706 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.4	39.6

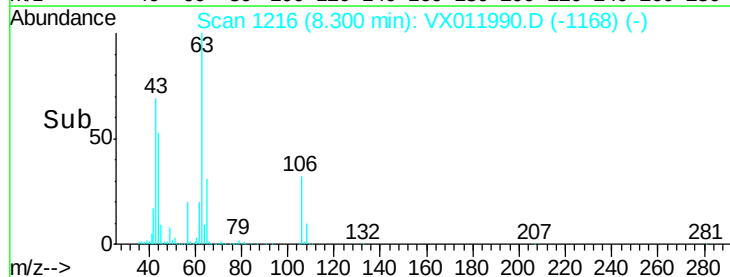
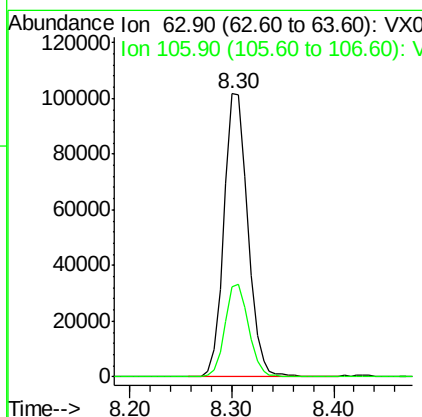
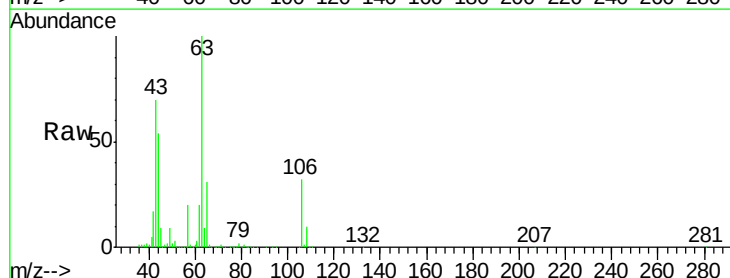
Manual Integrations
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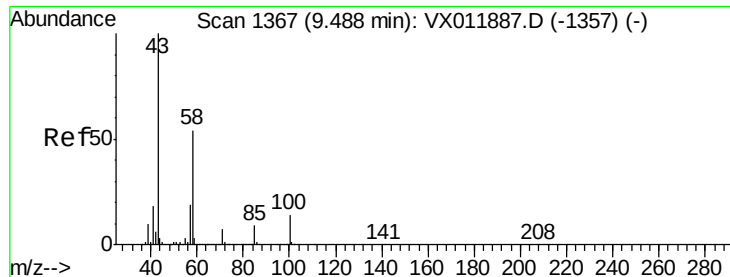
MMDadoda
 9/5/2019 2:05:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.974 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.5	24.8	37.2





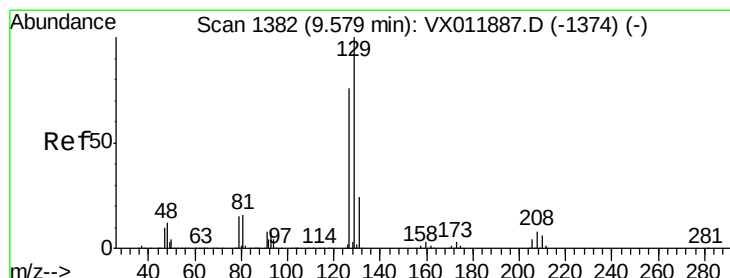
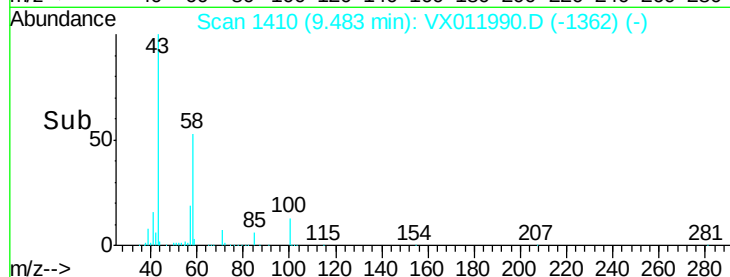
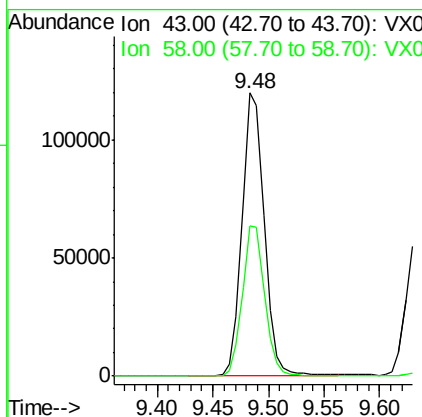
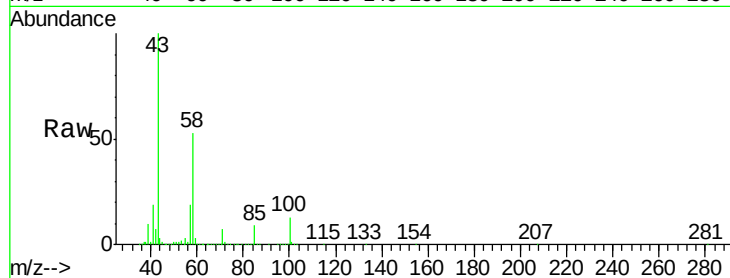
#59
2-Hexanone
Concen: 98.822 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion: 43 Resp: 165640
Ion Ratio Lower Upper
43 100
58 53.7 26.8 80.4

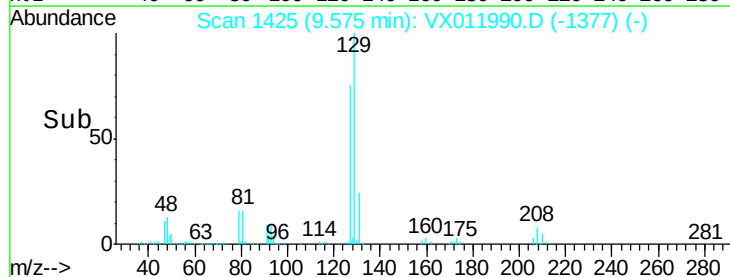
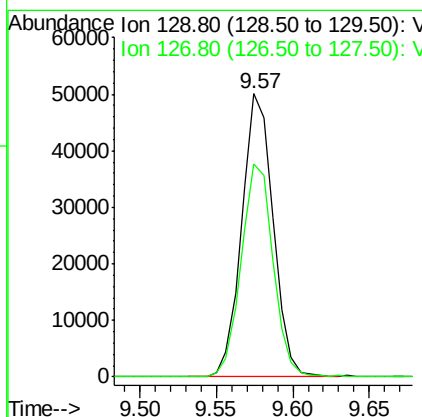
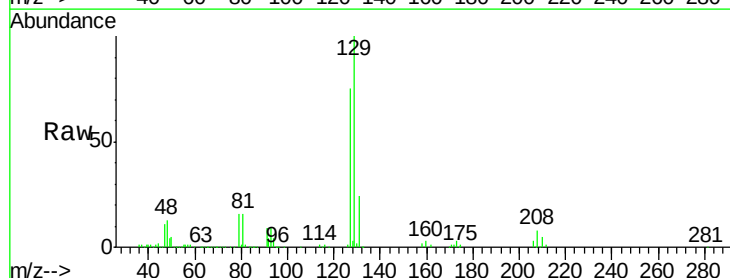
Manual Integrations
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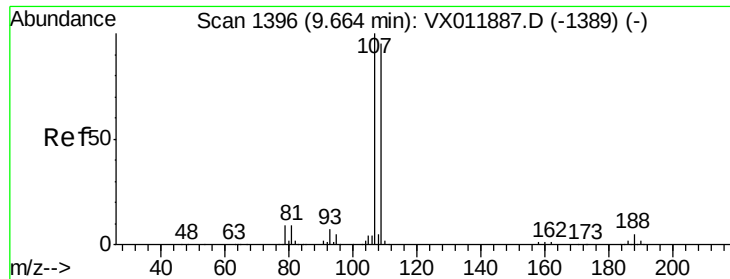
MMDadoda
9/5/2019 2:05:10 AM



#60
Dibromochloromethane
Concen: 20.267 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion: 129 Resp: 71468
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





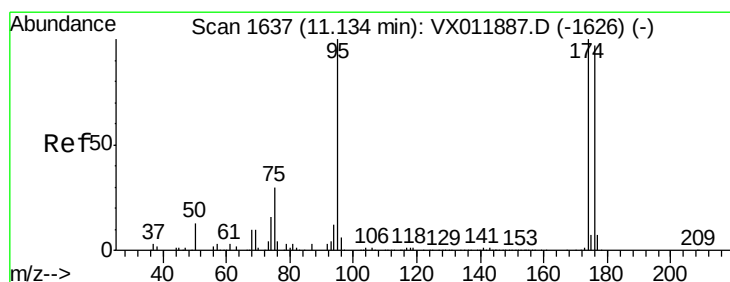
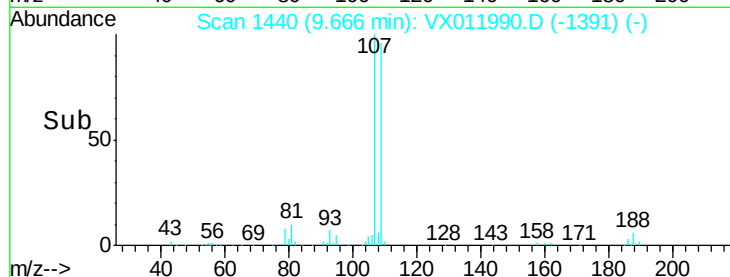
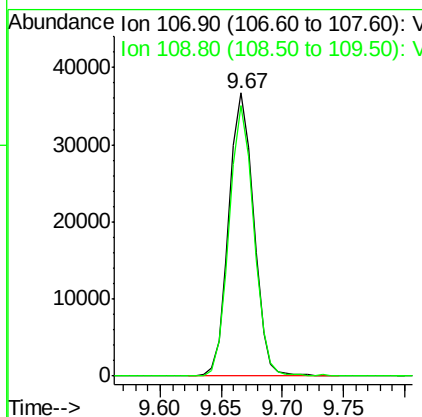
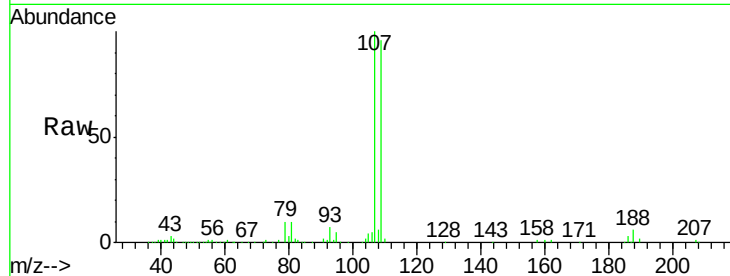
#61
 1,2-Dibromoethane
 Concen: 19.946 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	51921		
109	93.9	75.3	112.9	

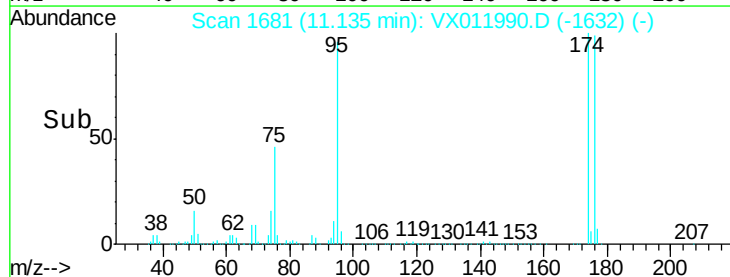
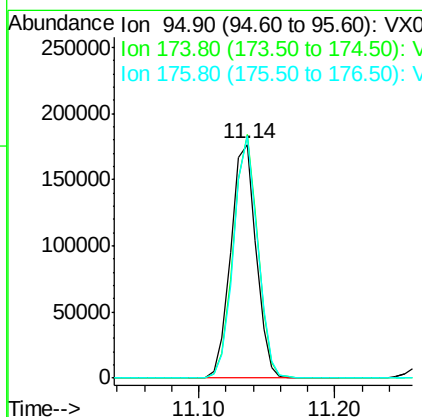
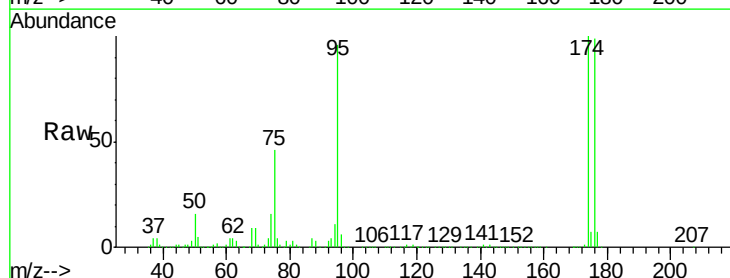
Manual Integrations
 APPROVED

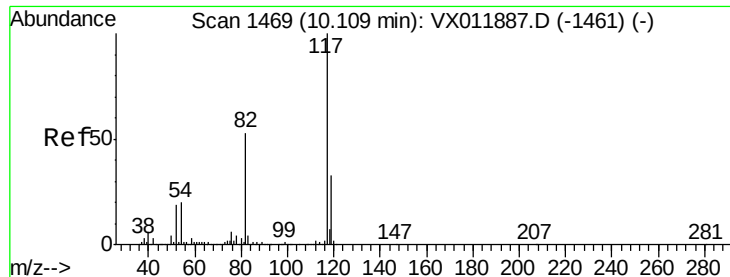
MMDadoda
 9/5/2019 2:05:10 AM



#62
 4-Bromofluorobenzene
 Concen: 46.779 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	229792		
174	99.7	0.0	196.0	
176	98.5	0.0	191.4	





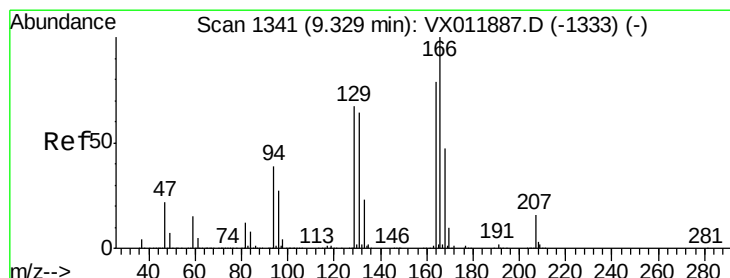
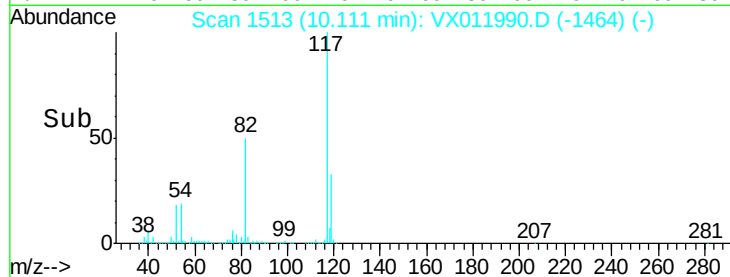
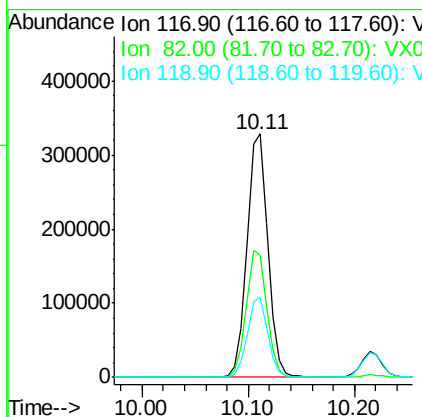
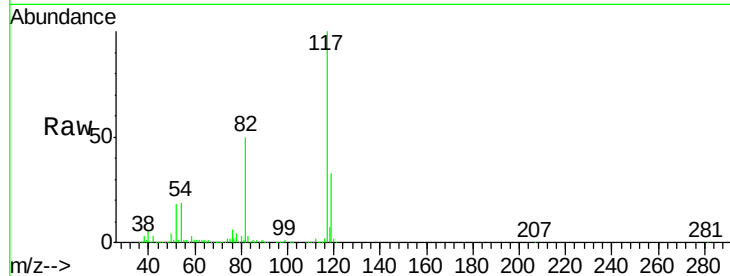
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.0	63.0
119	32.9	26.2	39.4

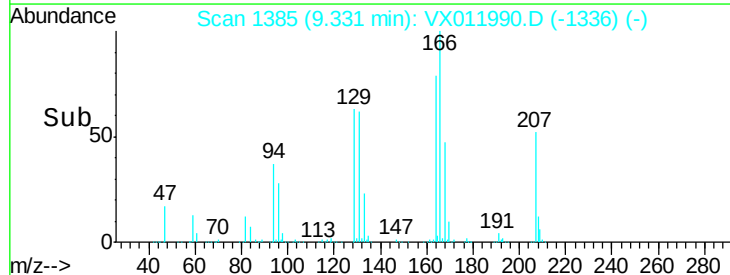
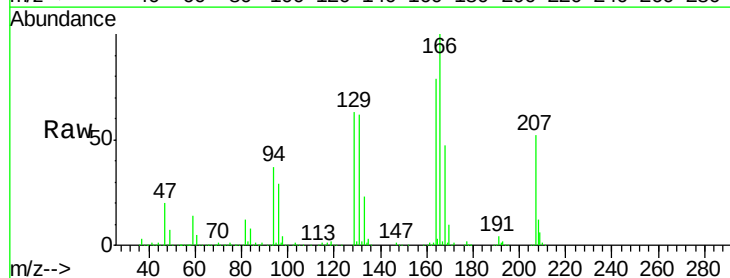
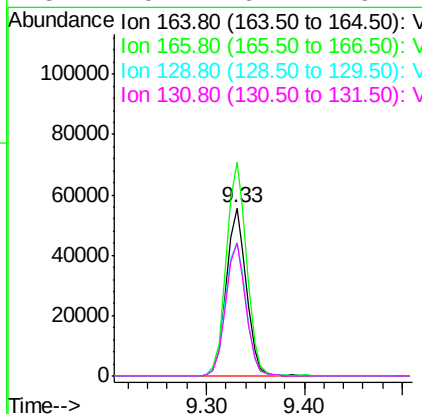
Manual Integrations
APPROVED

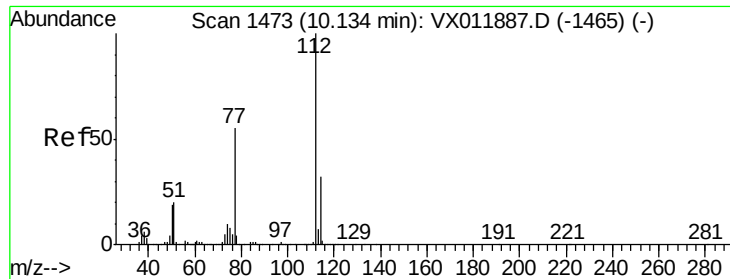
MMDadoda
9/5/2019 2:05:10 AM



#64
Tetrachloroethene
Concen: 21.692 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.4	152.0
129	79.5	68.0	102.0
131	79.4	64.7	97.1





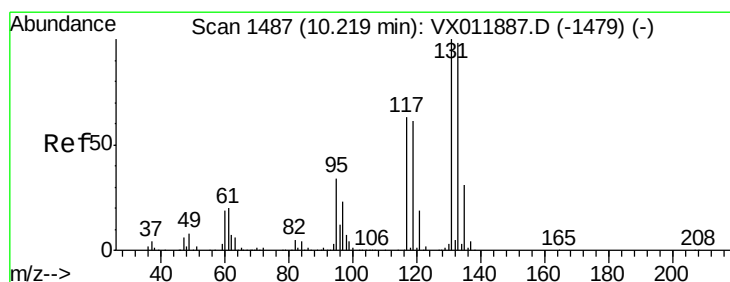
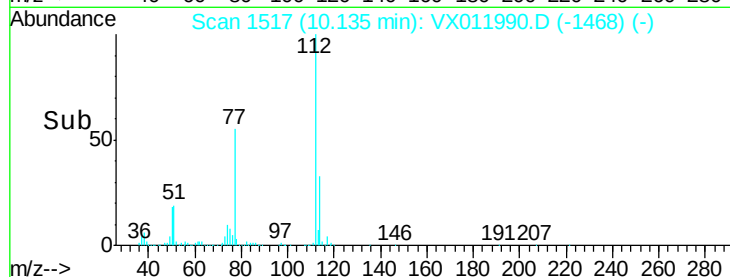
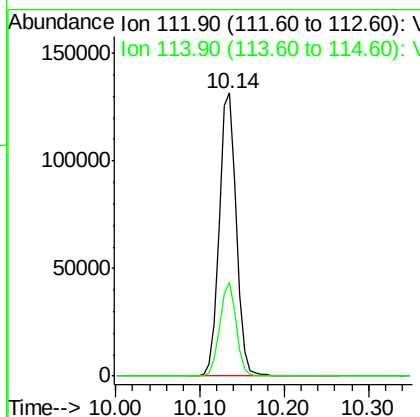
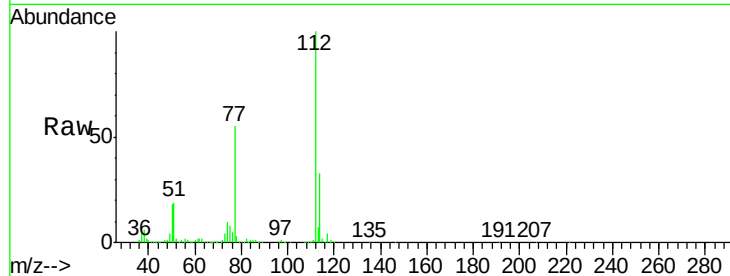
#65
Chlorobenzene
Concen: 21.073 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampled :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.9	38.9

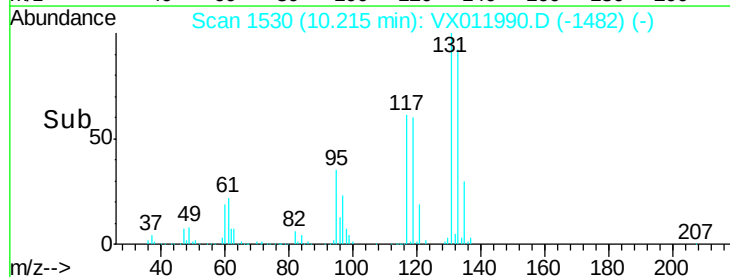
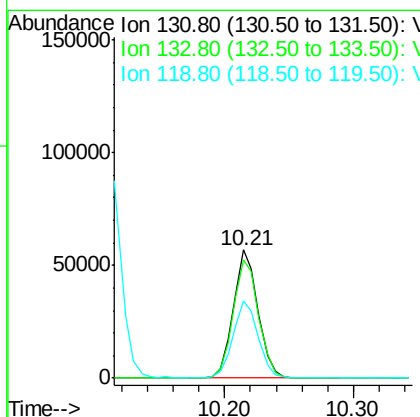
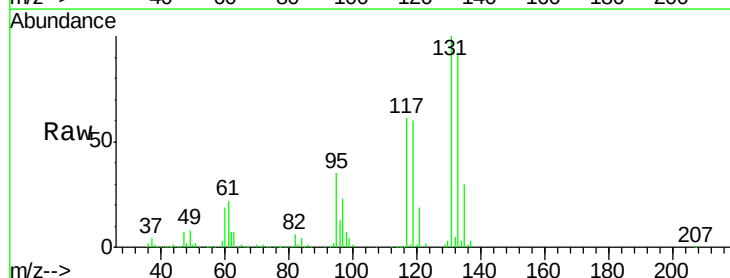
Manual Integrations
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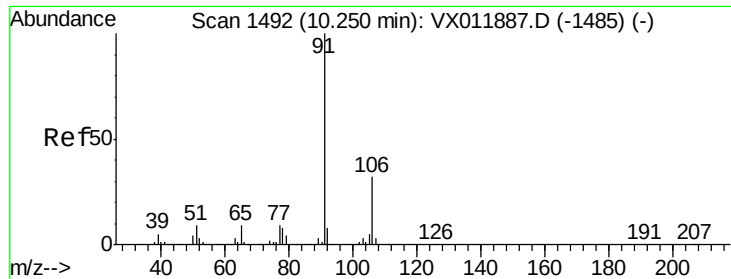
MMDadoda
9/5/2019 2:05:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.337 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	48.4	145.0
119	61.4	30.6	92.0





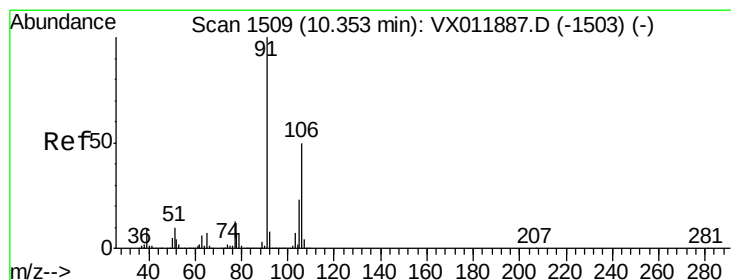
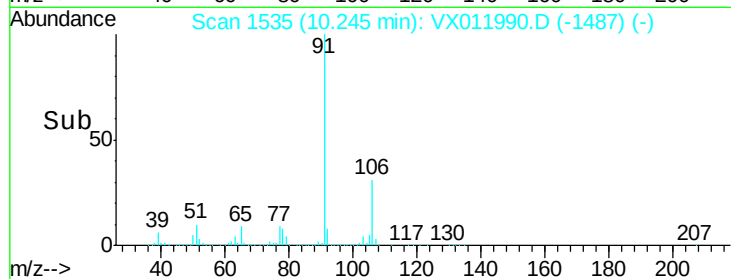
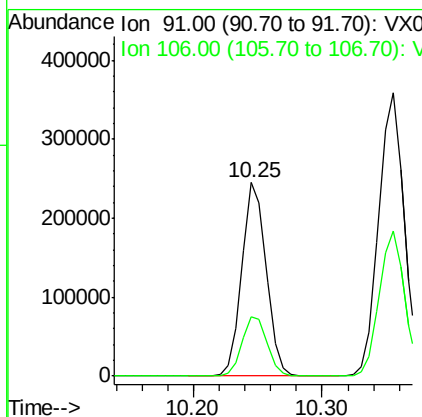
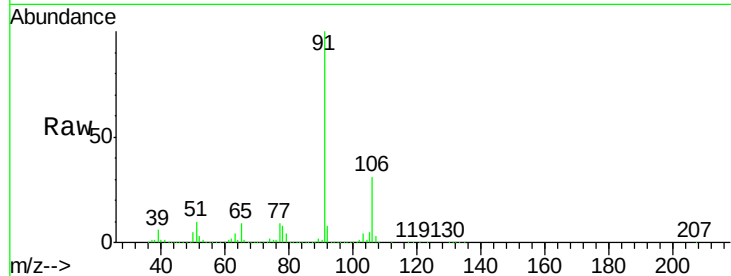
#67
Ethyl Benzene
Concen: 21.443 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion: 91 Resp: 320038
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.8

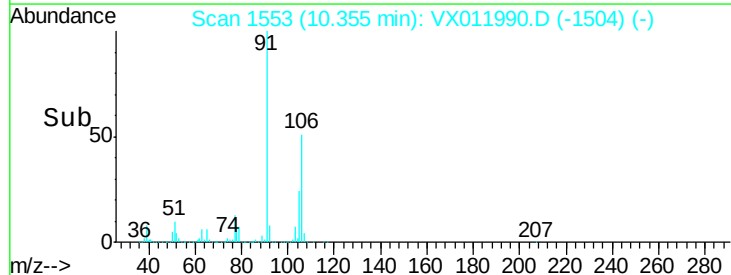
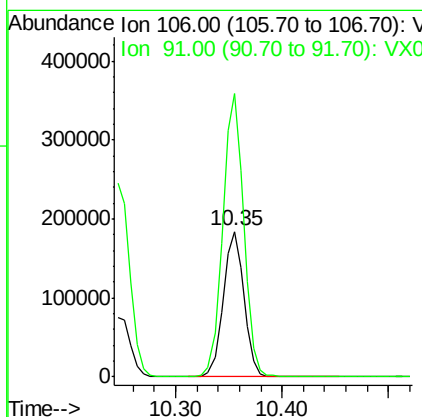
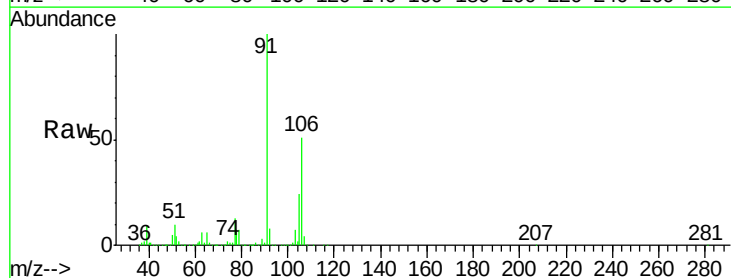
Manual Integrations
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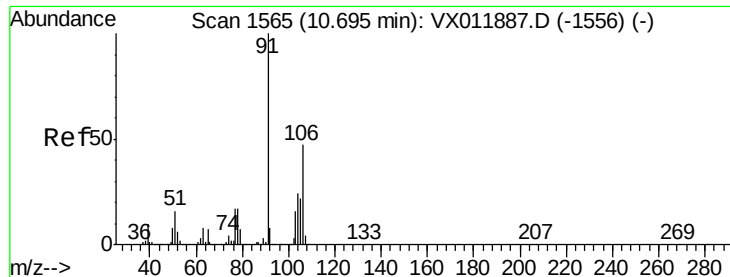
MMDadoda
9/5/2019 2:05:10 AM



#68
m/p-Xylenes
Concen: 43.285 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion: 106 Resp: 249457
Ion Ratio Lower Upper
106 100
91 196.2 158.6 237.8





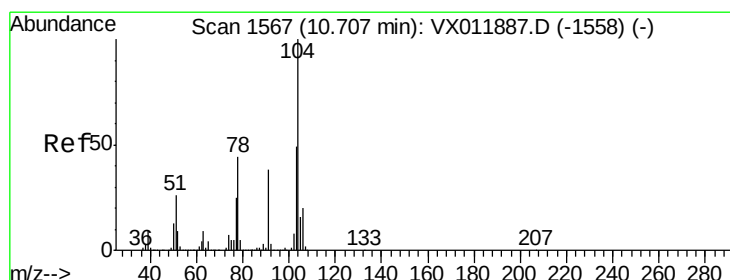
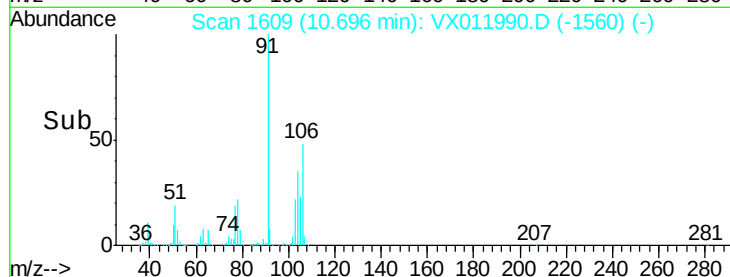
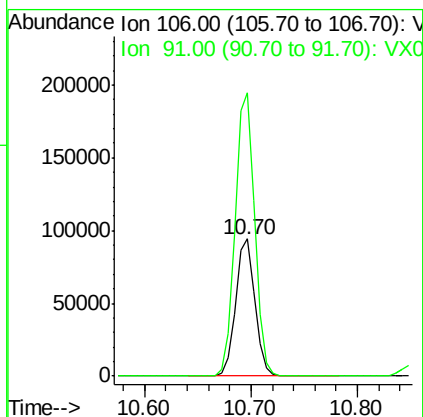
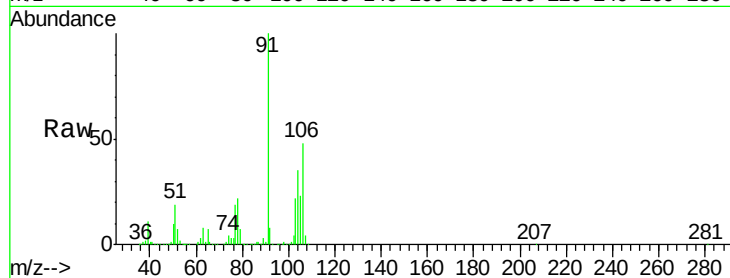
#69
o-Xylene
Concen: 21.348 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	119889		
91	91	208.8	104.8	314.6	

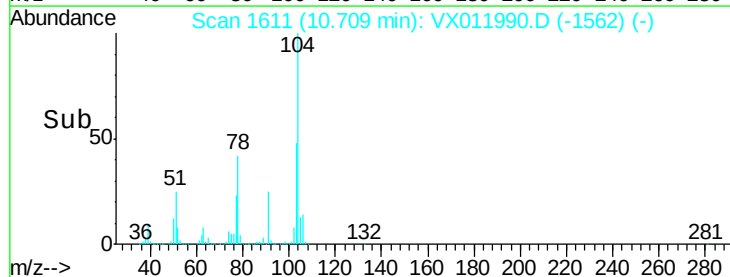
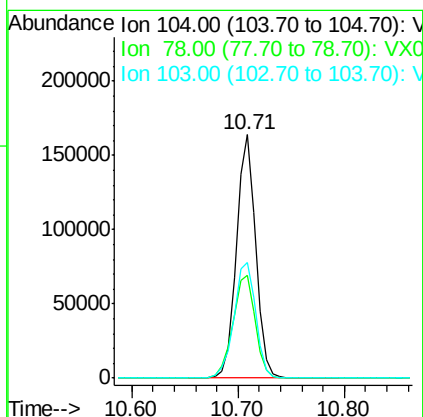
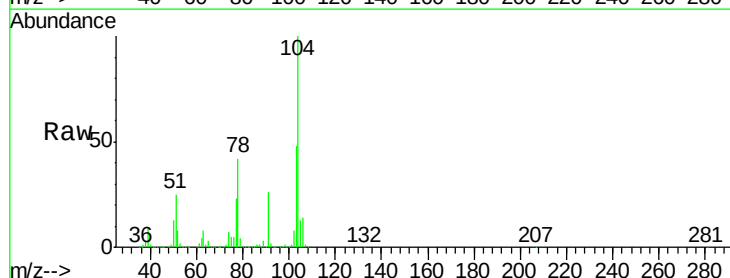
Manual Integrations
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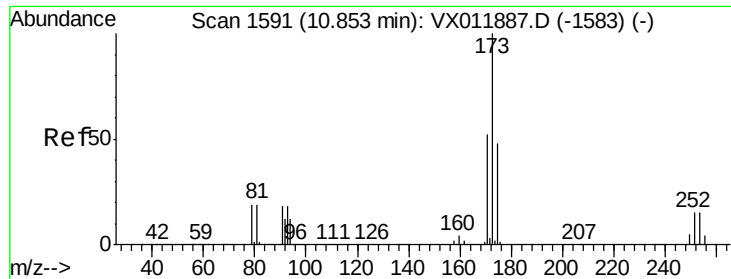
MMDadoda
9/5/2019 2:05:10 AM



#70
Styrene
Concen: 21.106 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	208920		
78	78	49.2	39.2	58.8	
103	103	54.2	43.0	64.6	





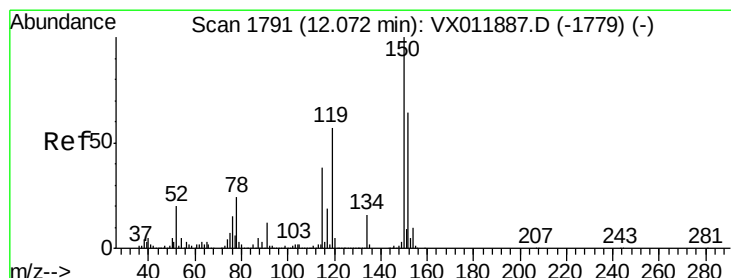
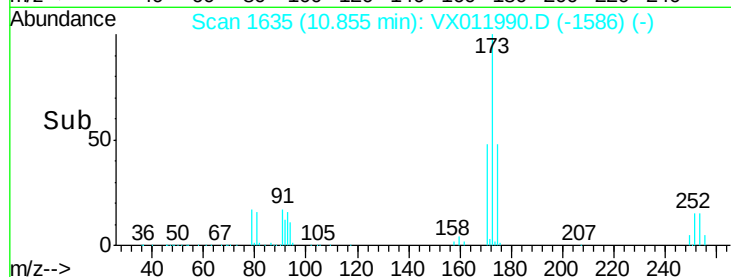
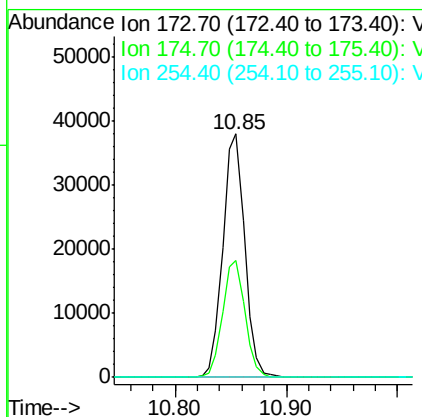
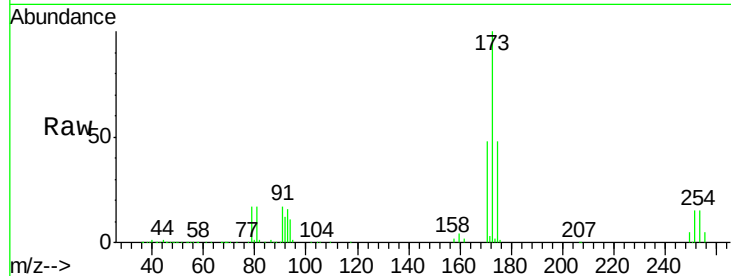
#71
Bromoform
Concen: 20.595 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampled :
VX0901SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.4	73.2
254	0.1	0.1	0.1

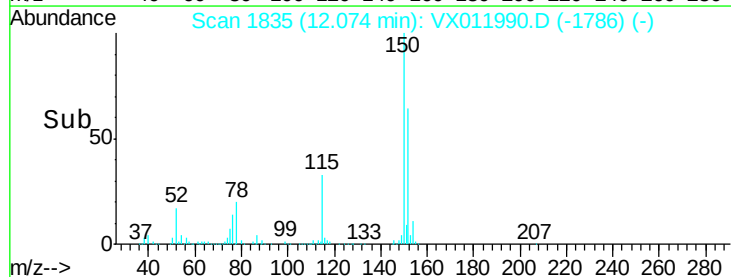
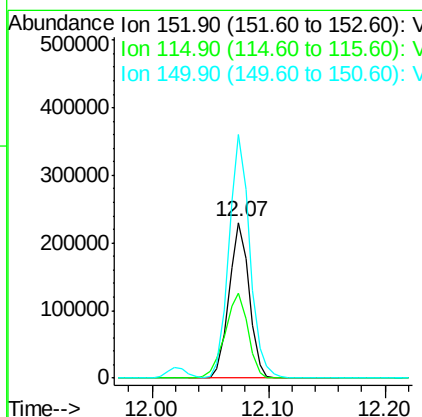
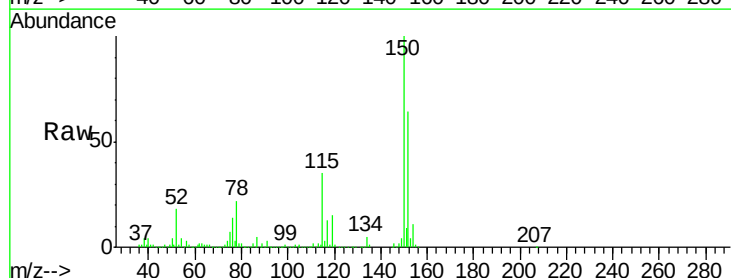
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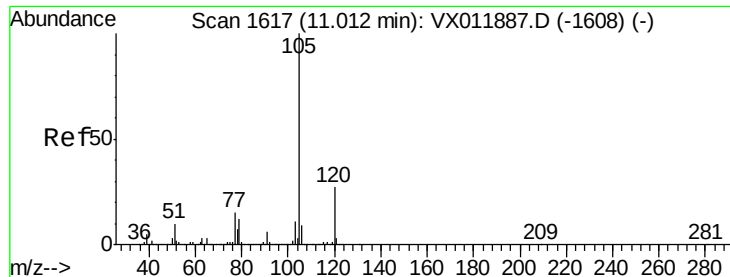
MMDadoda
9/5/2019 2:05:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	37.1	111.3
150	163.2	0.0	339.6





#73

Isopropylbenzene

Concen: 21.117 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion: 105 Resp: 334169

Ion Ratio Lower Upper

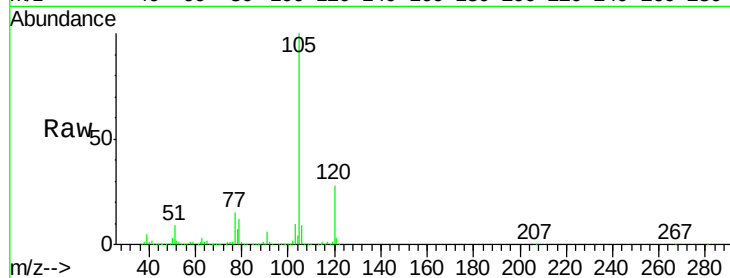
105 100

120 27.6 13.8 41.4

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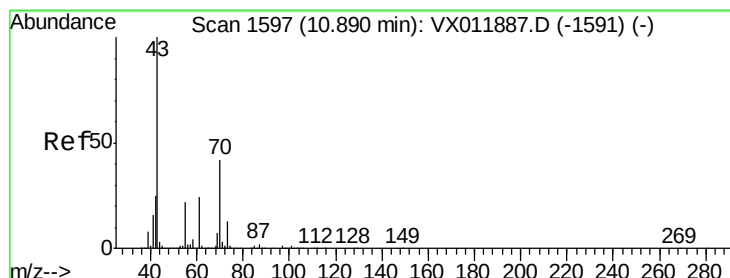
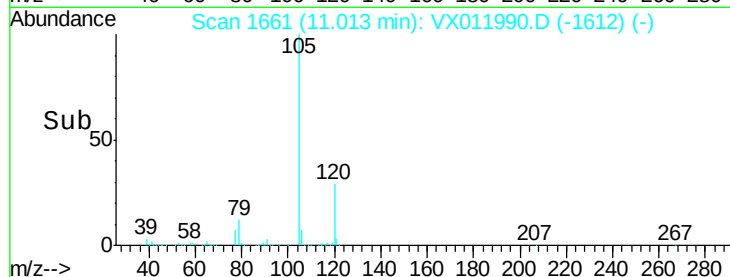
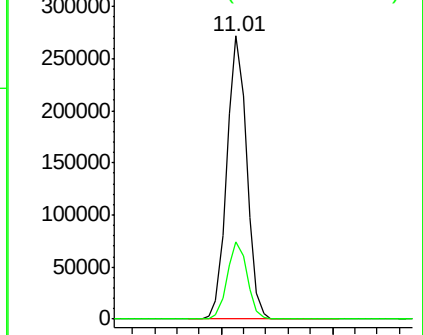
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.375 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion: 43 Resp: 86295

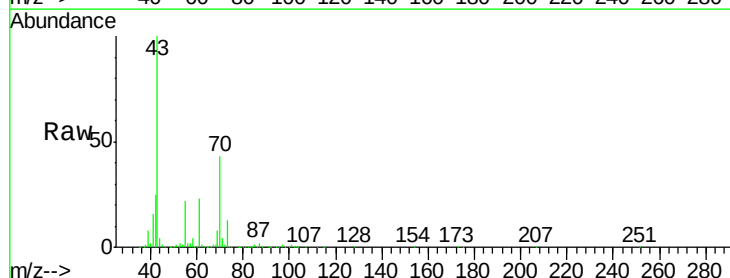
Ion Ratio Lower Upper

43 100

70 43.7 0.2 0.2#

55 22.8 0.1 0.1#

61 24.4 16.4 24.6

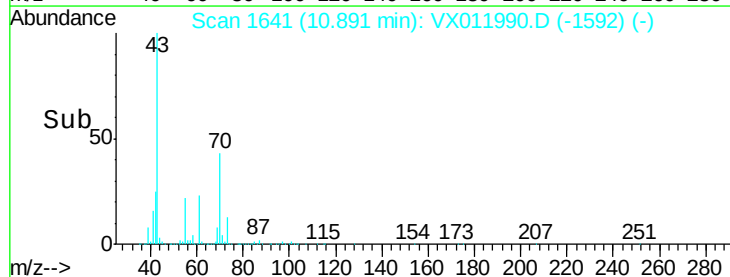
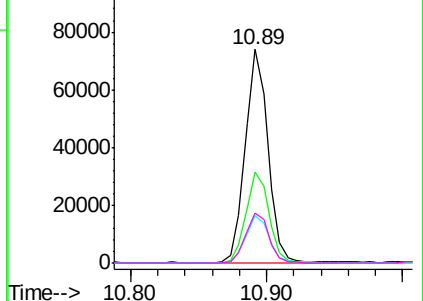


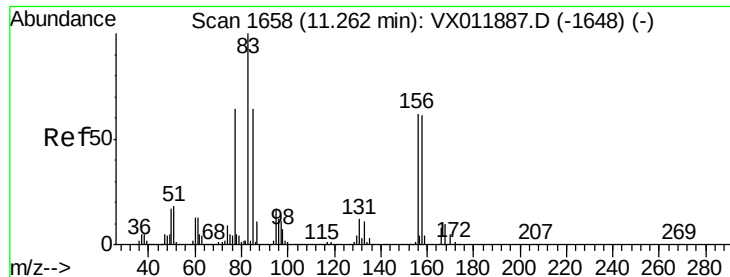
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.469 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

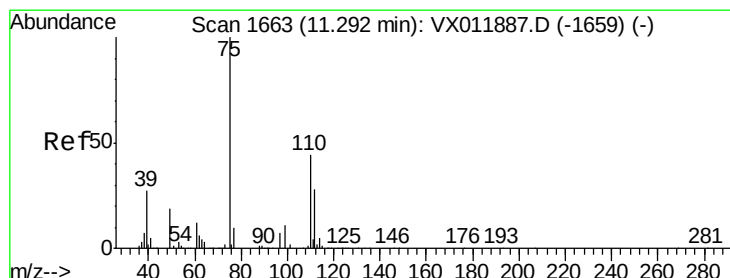
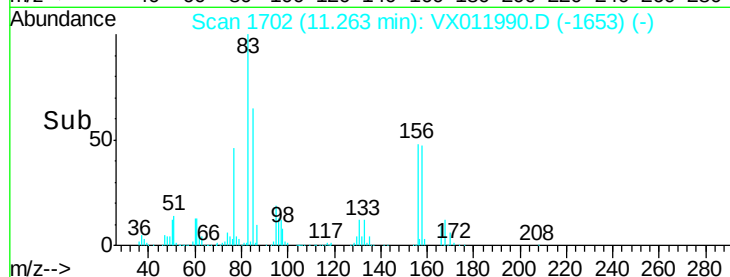
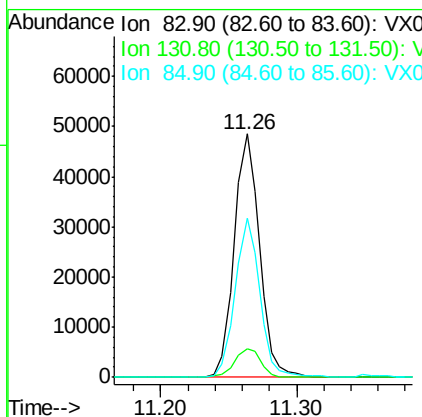
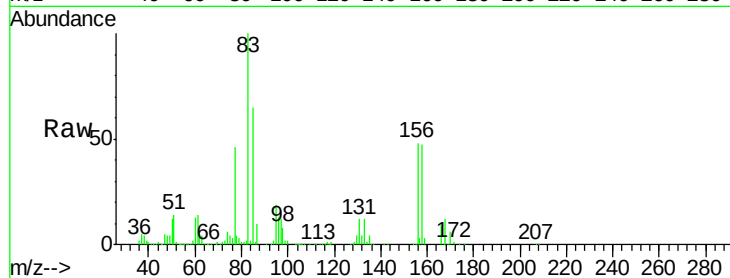
ClientSampleId :

VX0901SBS02

Tot Ion:	83	Resp:	63052
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.0	18.0
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.209 ug/l m

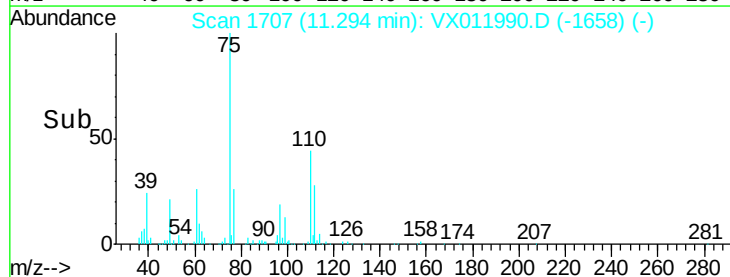
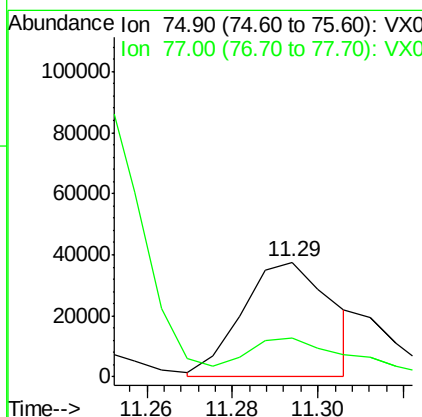
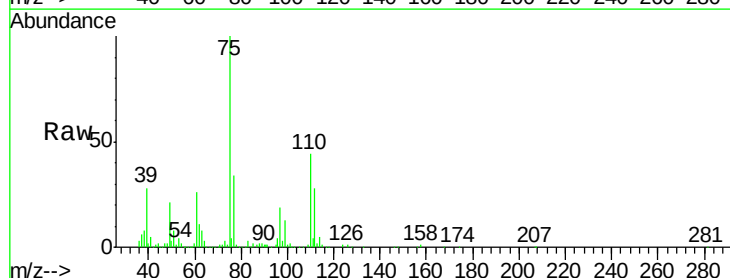
RT: 11.29 min Scan# 1707

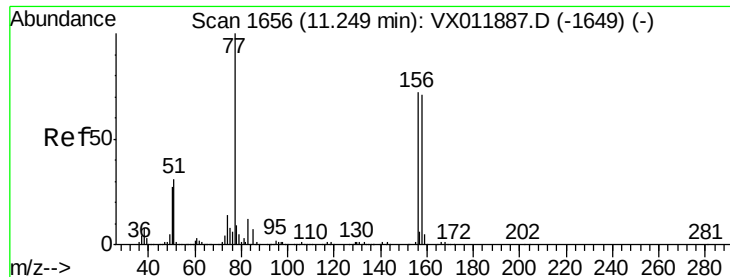
Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	75	Resp:	54752
Ion Ratio	Lower	Upper	
75	100		
77	39.7	20.9	62.7





#77

Bromobenzene

Concen: 20.590 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

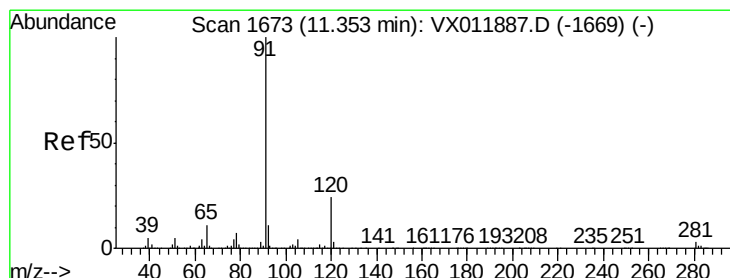
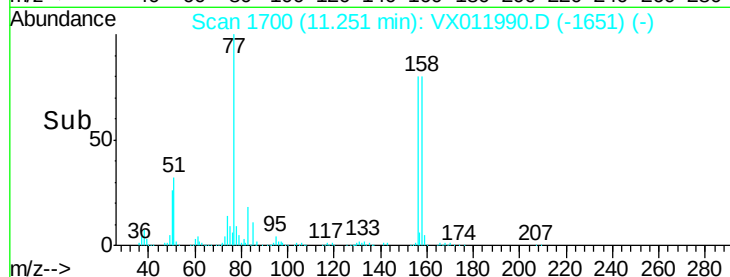
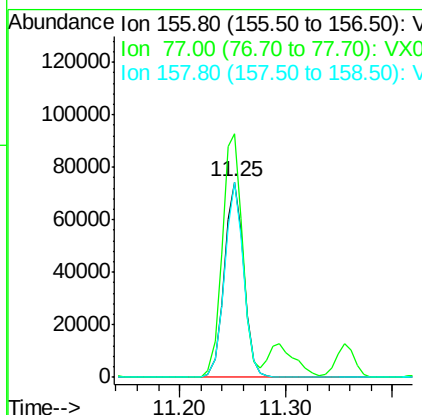
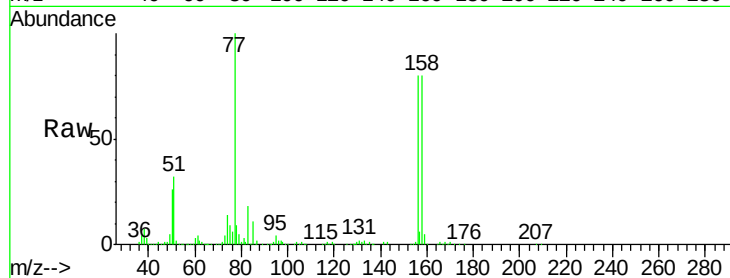
ClientSampleId :

VX0901SBS02

Tot Ion:	156	Resp:	94497
Ion Ratio	Lower	Upper	
156	100		
77	130.1	68.1	204.3
158	97.6	48.9	146.8

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#78

n-propylbenzene

Concen: 21.324 ug/l

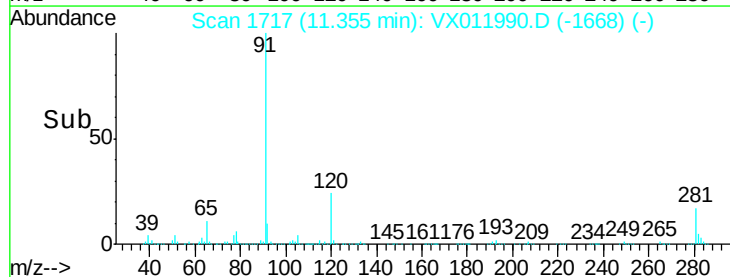
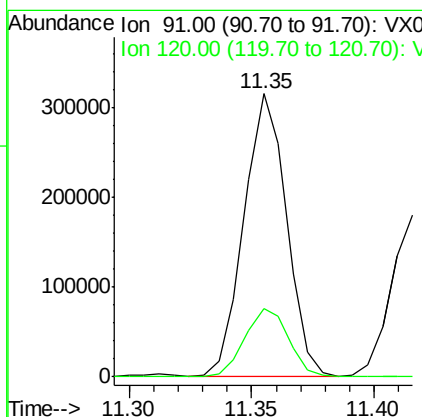
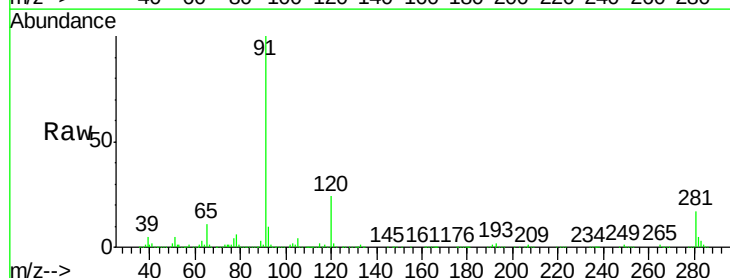
RT: 11.35 min Scan# 1717

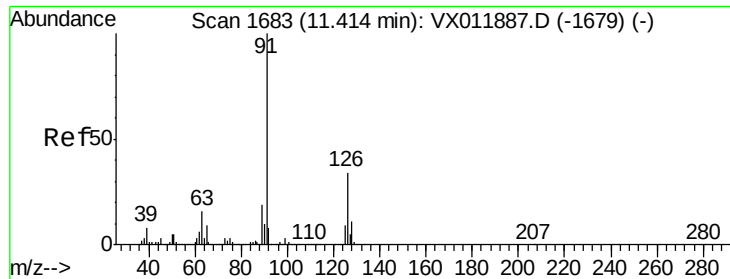
Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	91	Resp:	382645
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.9





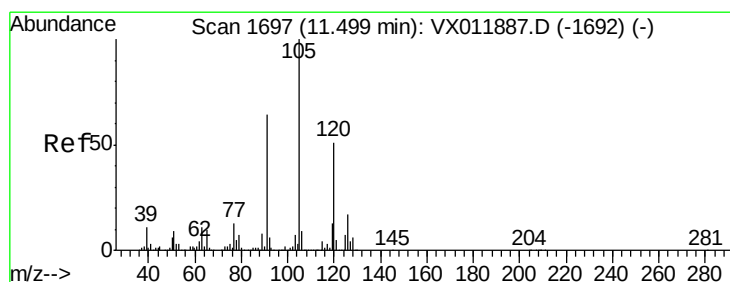
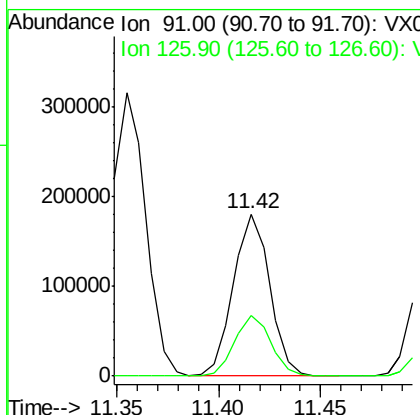
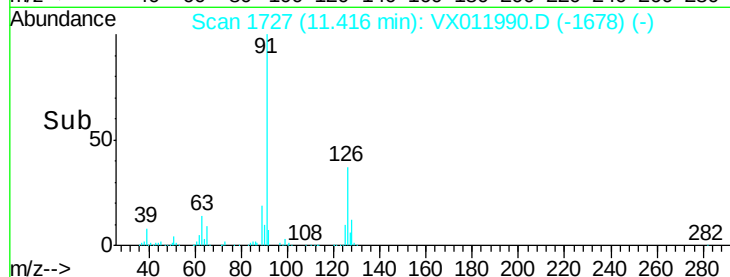
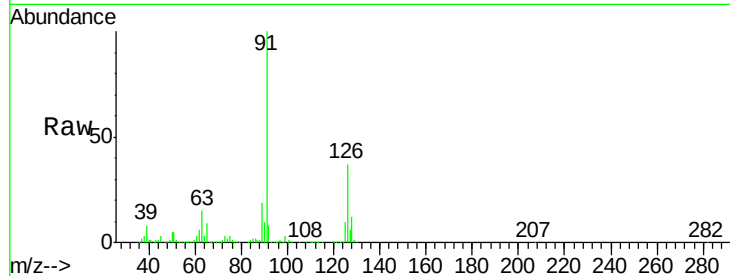
#79
2-Chlorotoluene
Concen: 20.569 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion: 91 Resp: 222173
Ion Ratio Lower Upper
91 100
126 37.5 17.9 53.8

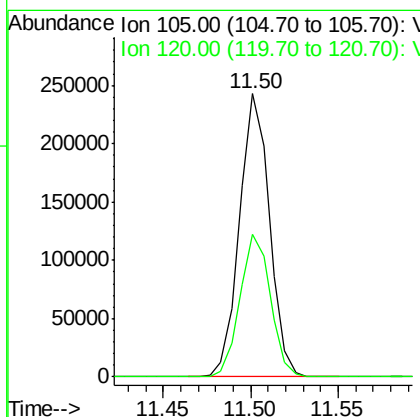
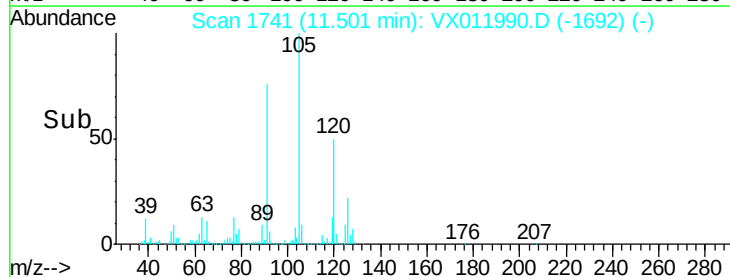
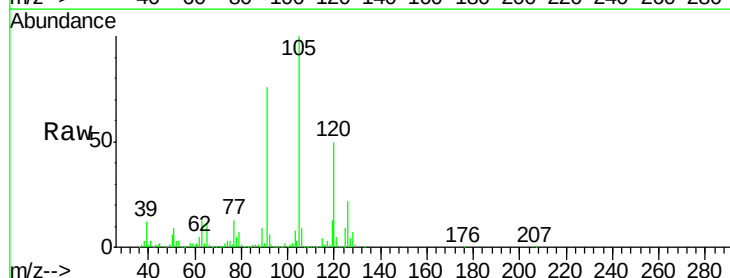
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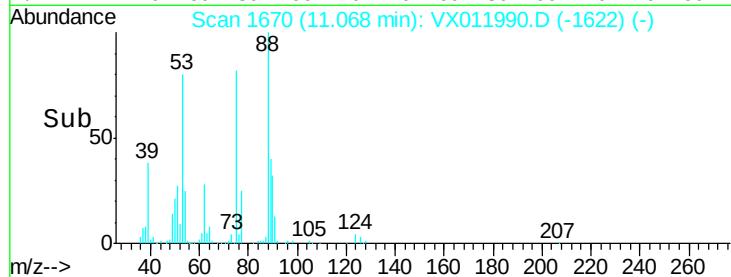
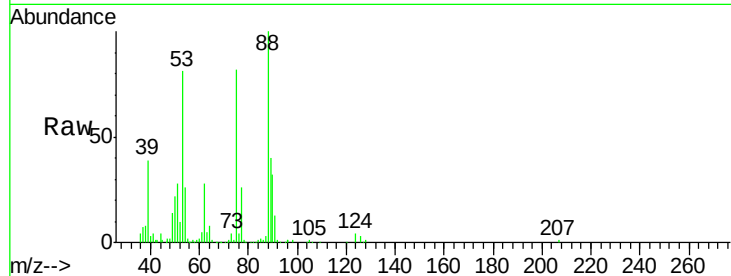
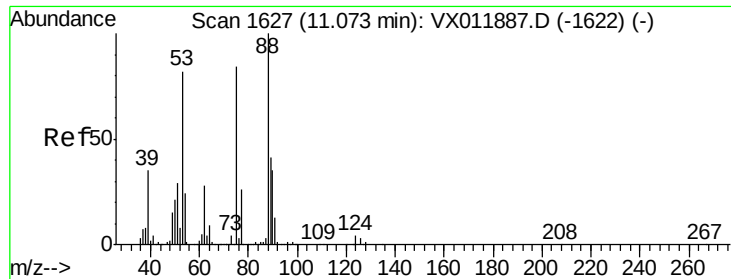
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9/5/2019 2:05:10 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.156 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion: 105 Resp: 288970
Ion Ratio Lower Upper
105 100
120 51.0 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.572 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tot Ion:	75	Resp:	20029
Ion Ratio	Lower	Upper	
75	100		
53	99.2	77.1	115.7
89	49.5	38.2	57.2

Instrument :

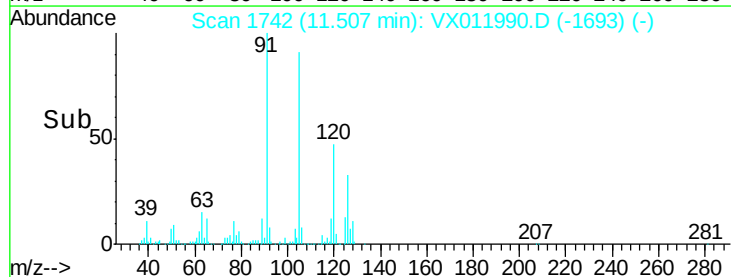
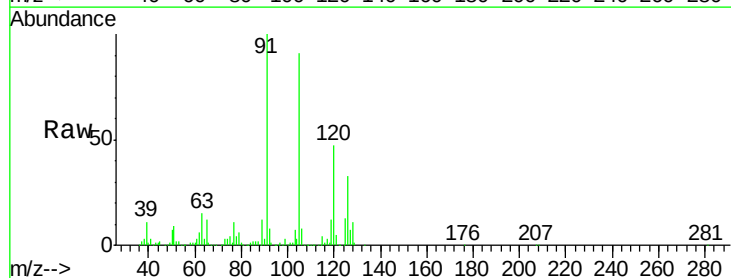
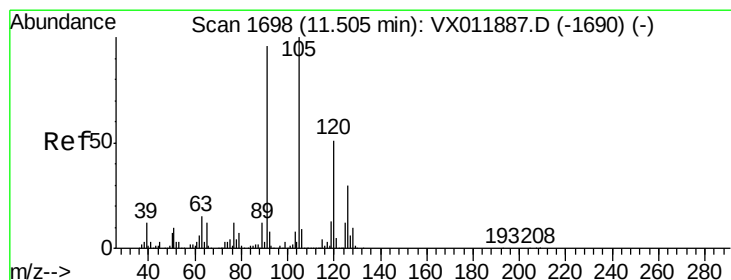
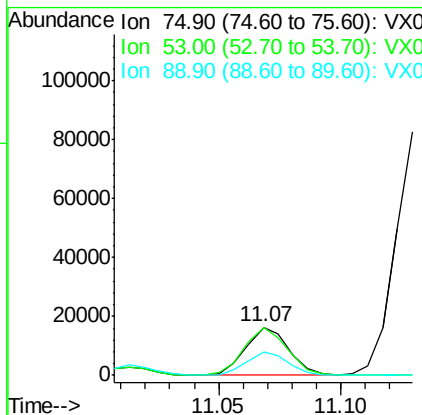
MSVOA_X

ClientSampled :

VX0901SBS02

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.655 ug/l

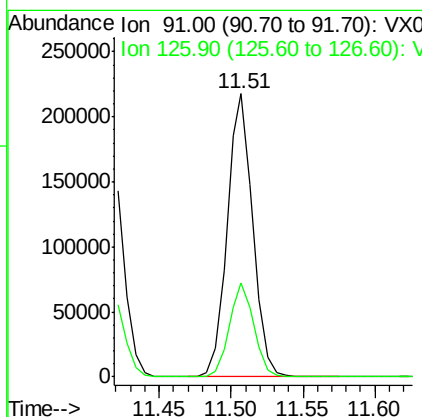
RT: 11.51 min Scan# 1742

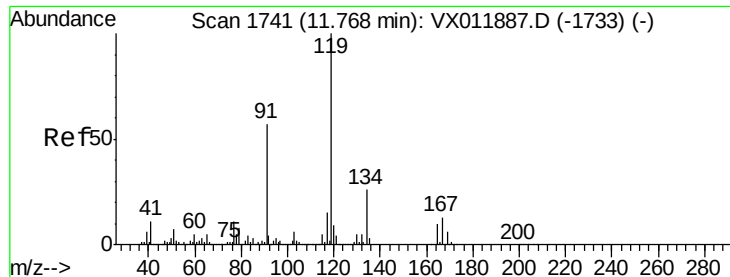
Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	91	Resp:	269152
Ion Ratio	Lower	Upper	
91	100		
126	32.1	15.9	47.6





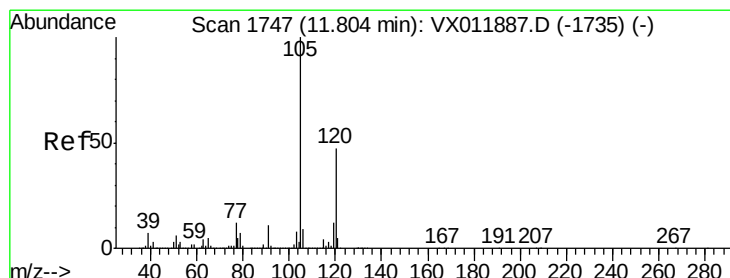
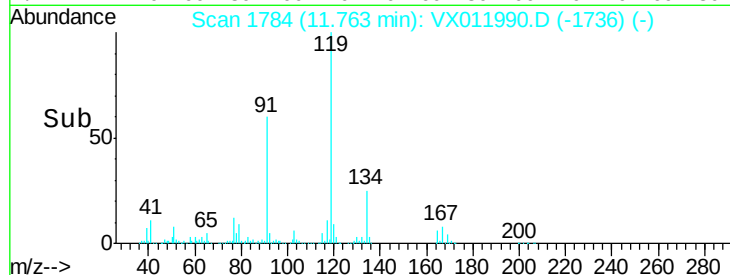
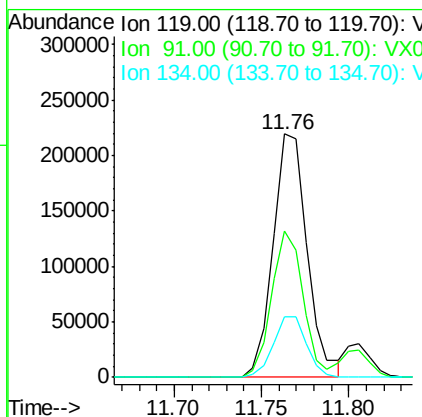
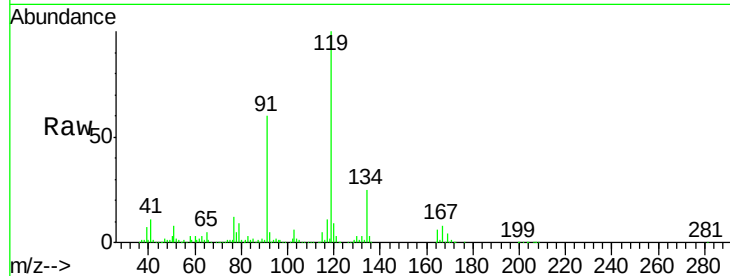
#83
 tert-Butylbenzene
 Concen: 21.622 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	299675		
91	55.1		27.9	83.6
134	24.3		12.3	36.8

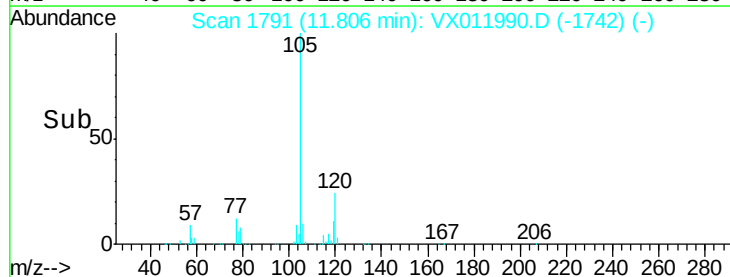
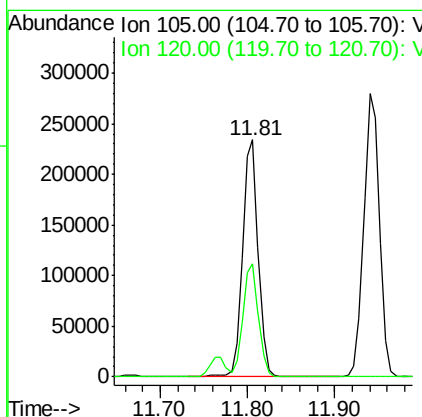
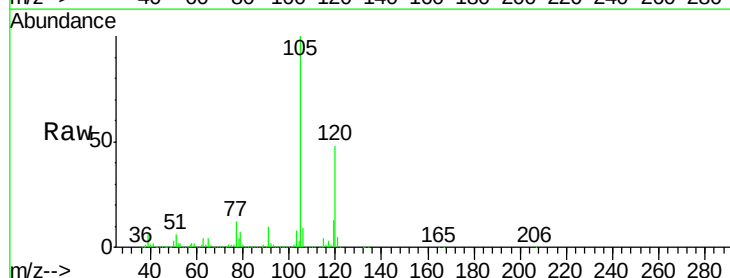
Manual Integrations
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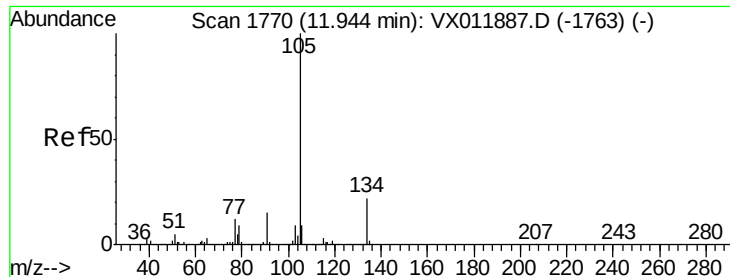
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.742 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	290352		
120	47.3		23.4	70.3





#85

sec-Butylbenzene

Concen: 21.762 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

VX0901SBS02

Tot Ion:105 Resp: 350340

Ion Ratio Lower Upper

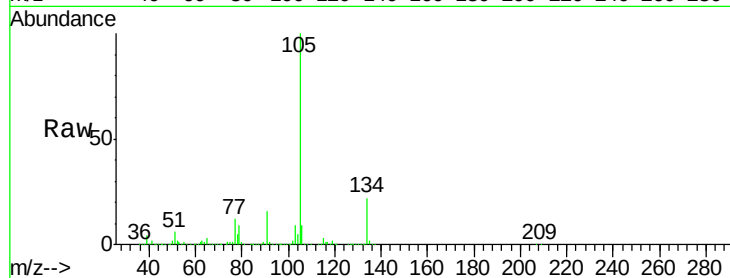
105 100

134 22.6 10.9 32.7

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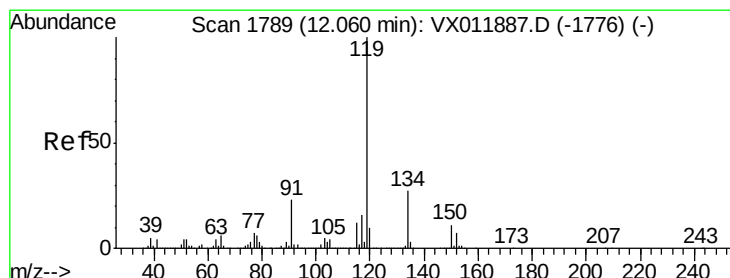
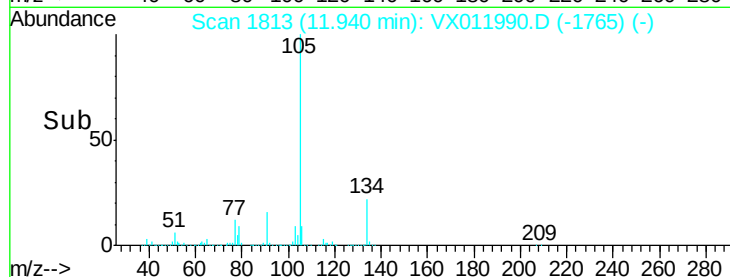
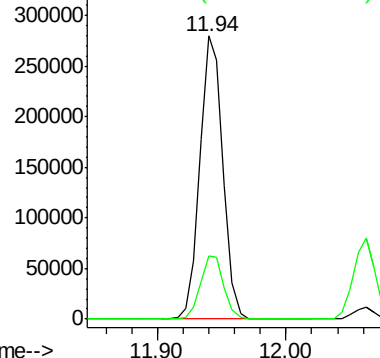
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.810 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

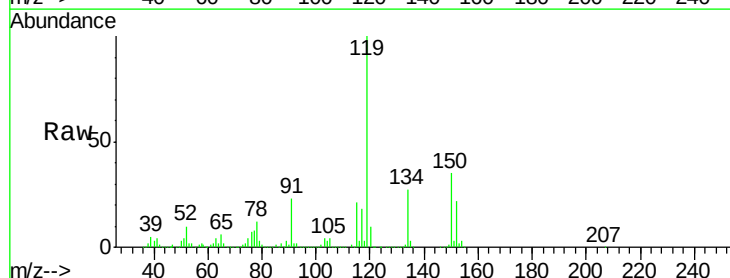
Tgt Ion:119 Resp: 340462

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

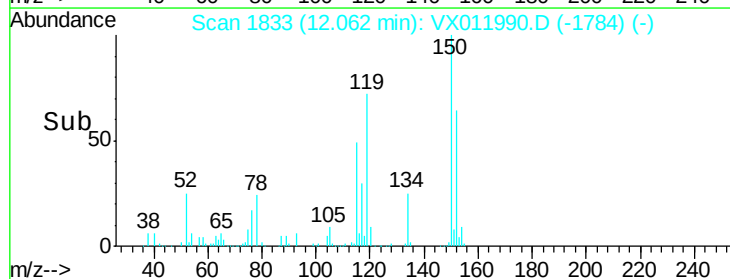
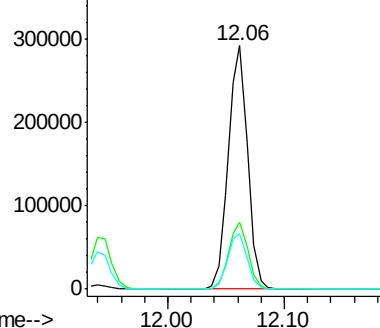
91 23.0 11.6 34.7

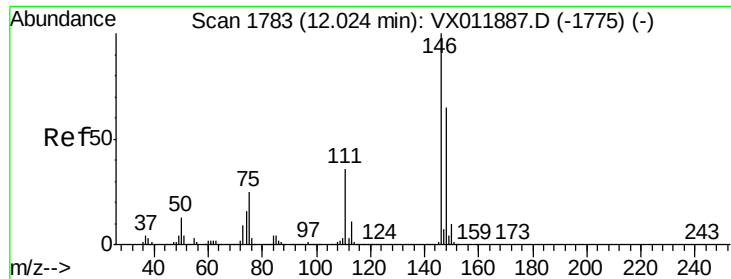


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





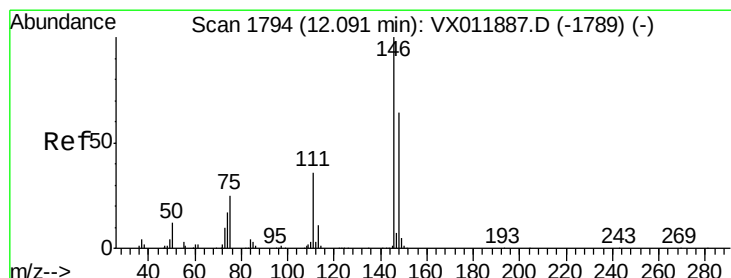
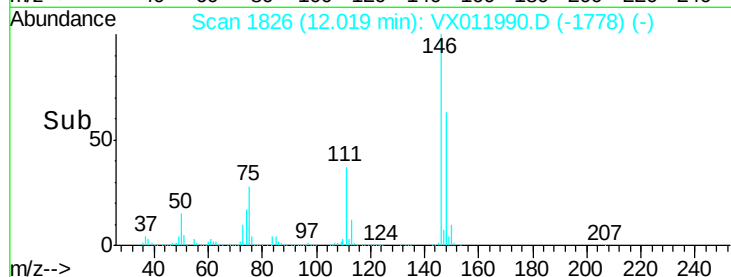
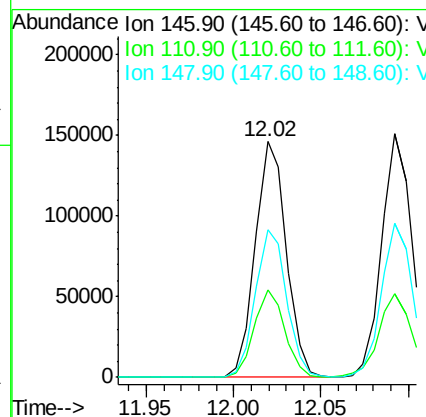
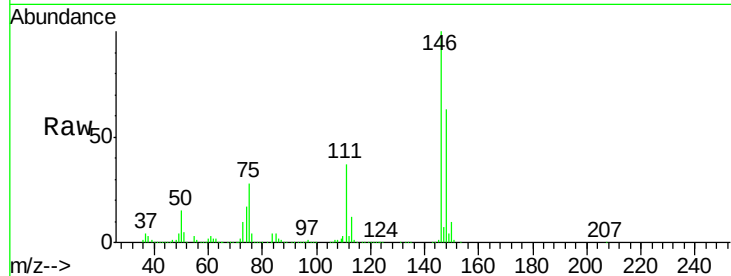
#87
 1,3-Dichlorobenzene
 Concen: 21.202 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.2
148	62.9	32.1	96.5

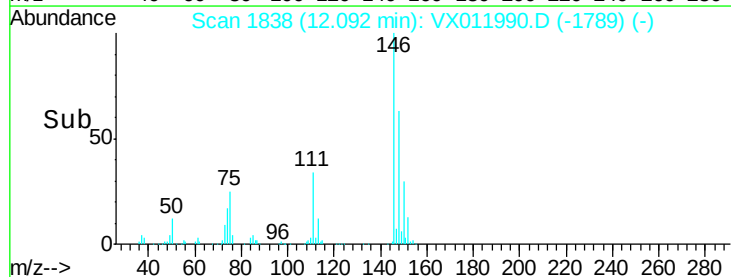
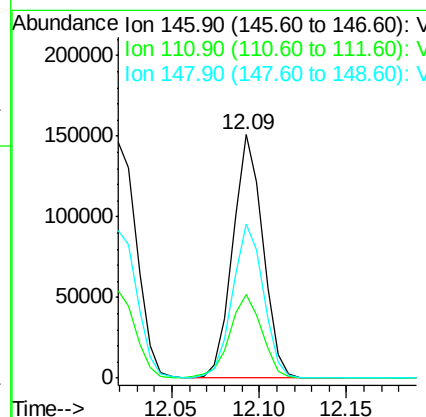
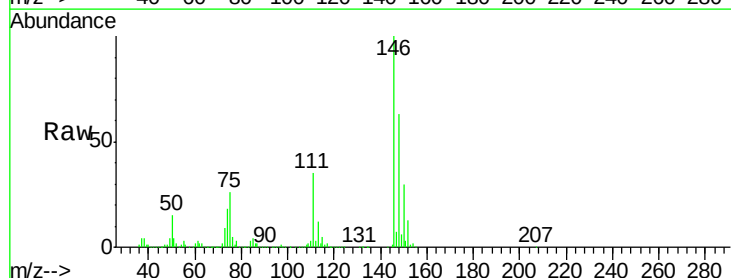
Manual Integrations
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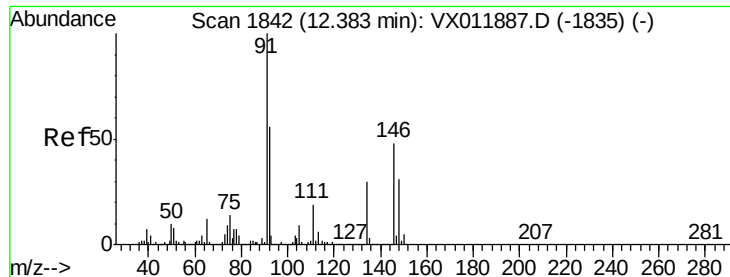
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#88
 1,4-Dichlorobenzene
 Concen: 20.889 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.7
148	65.0	32.4	97.0





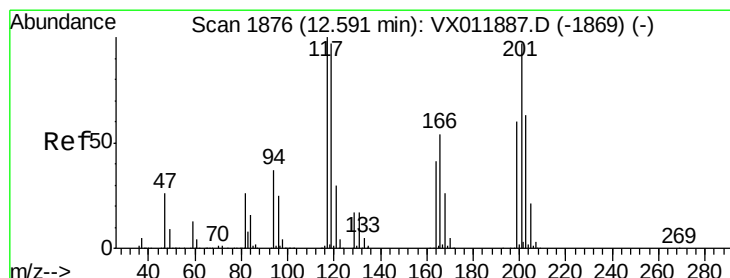
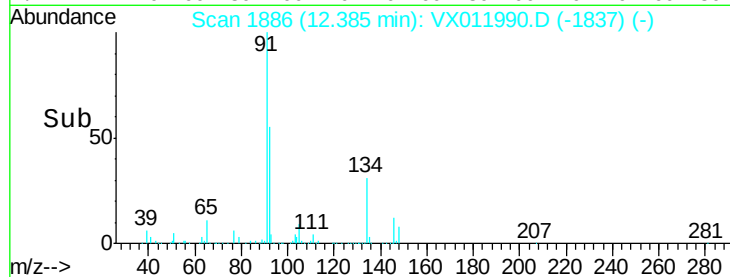
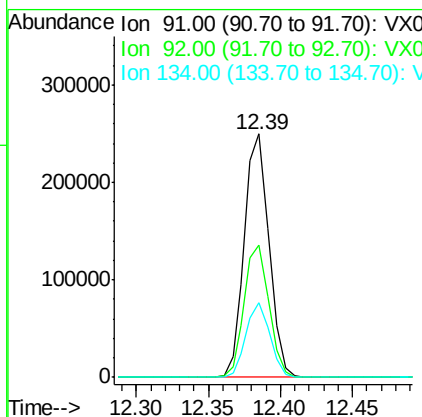
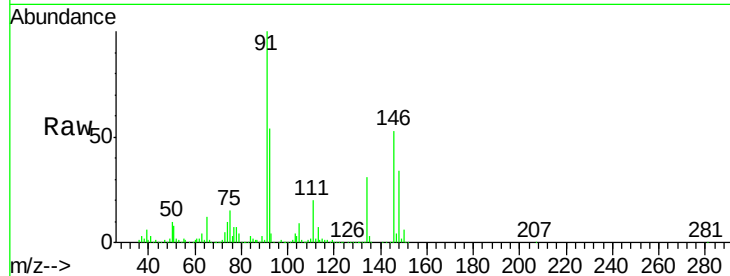
#89
n-Butylbenzene
Concen: 21.434 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	296015		
92	54.8		27.6	82.8
134	30.2		14.8	44.3

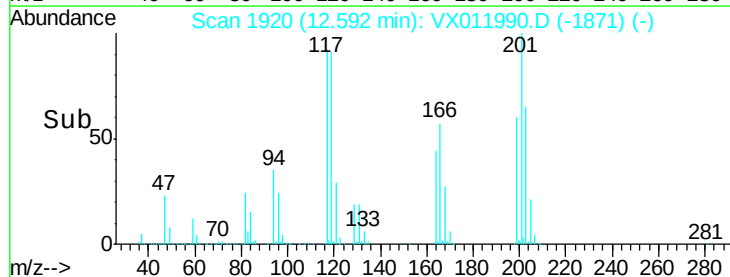
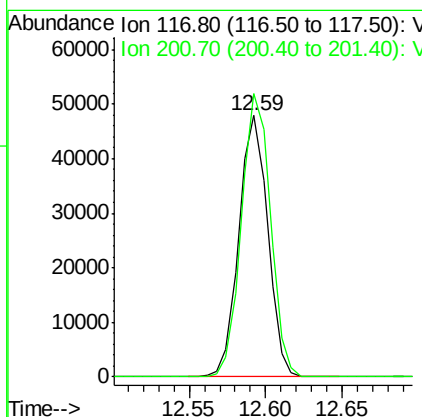
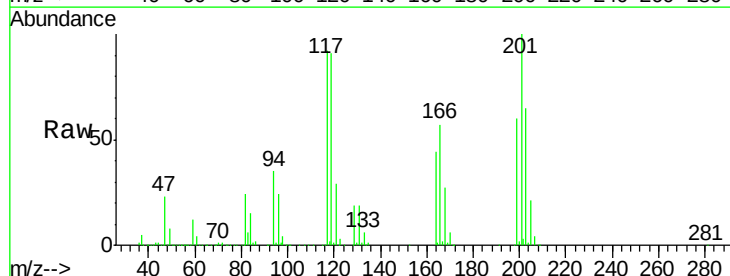
Manual Integrations
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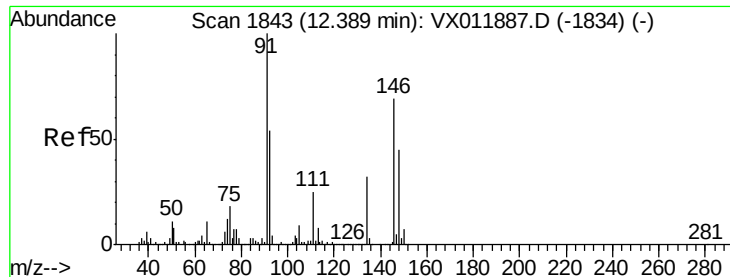
MMDadoda
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#90
Hexachloroethane
Concen: 20.716 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX011990.D
Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62560		
201	109.4		52.8	158.5





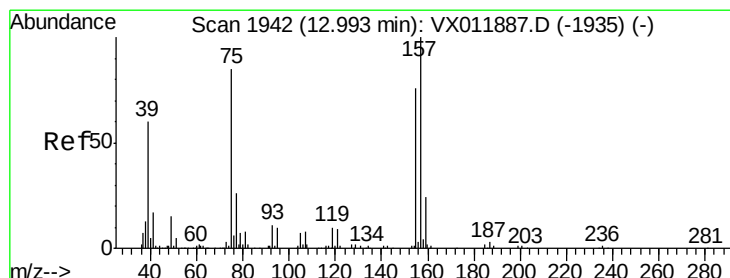
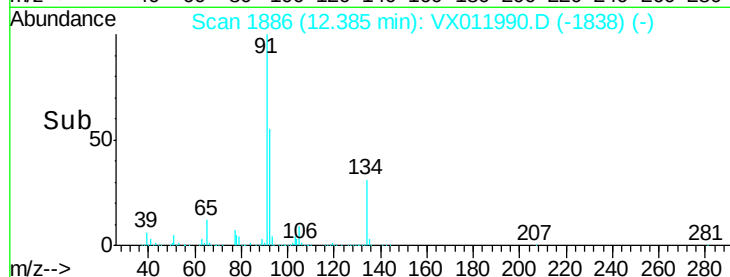
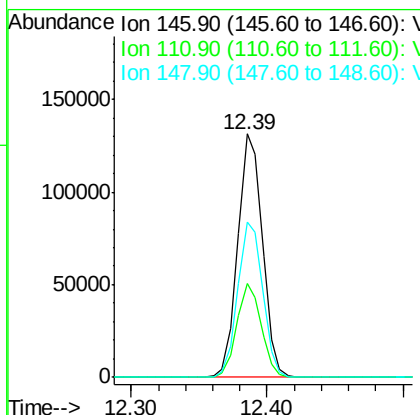
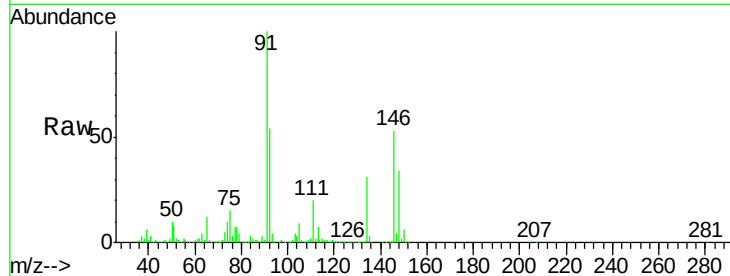
#91
 1,2-Dichlorobenzene
 Concen: 20.877 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165563		
111	38.2	18.9	56.5	
148	65.1	32.1	96.3	

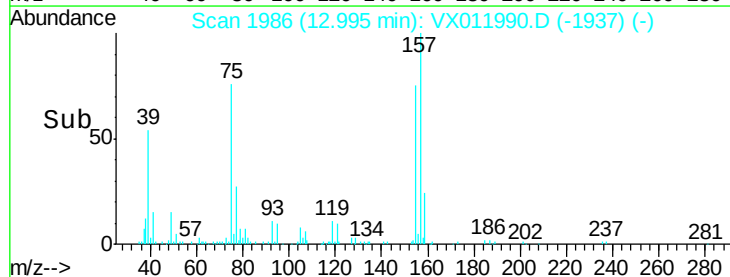
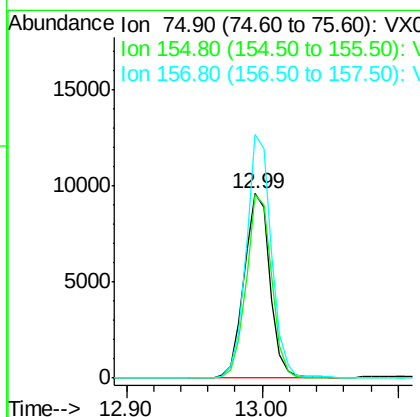
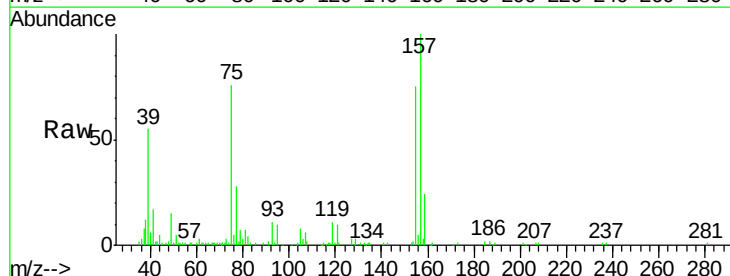
Manual Integrations
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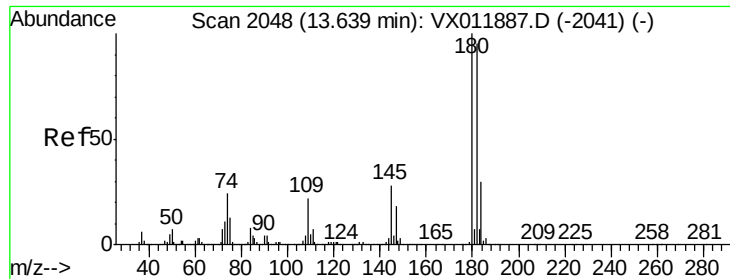
MMDadoda
 9/5/2019 2:05:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.791 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12768		
155	97.1	50.1	150.4	
157	128.3	63.9	191.7	





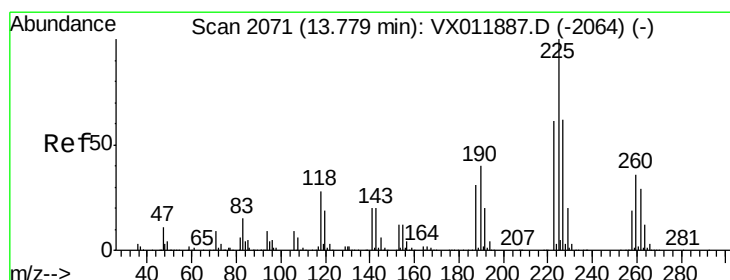
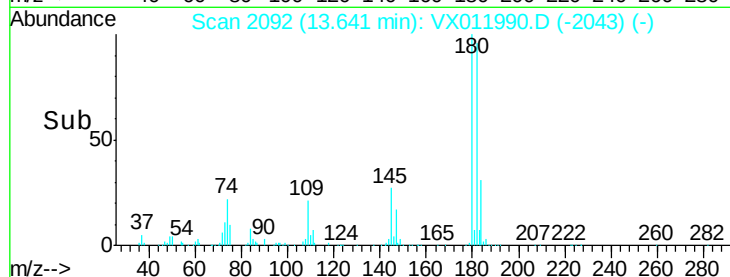
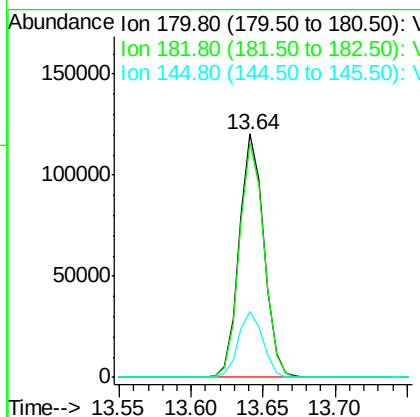
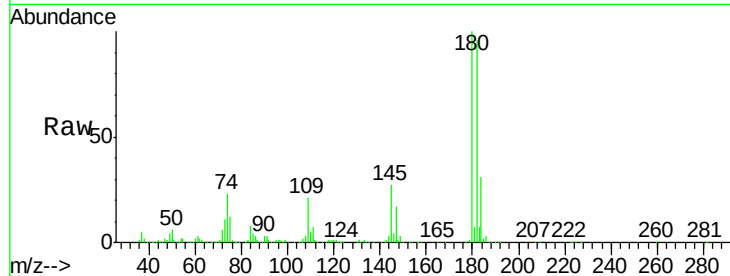
#93
 1,2,4-Trichlorobenzene
 Concen: 21.415 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142996		
182	96.8	48.1	144.4	
145	27.1	13.8	41.3	

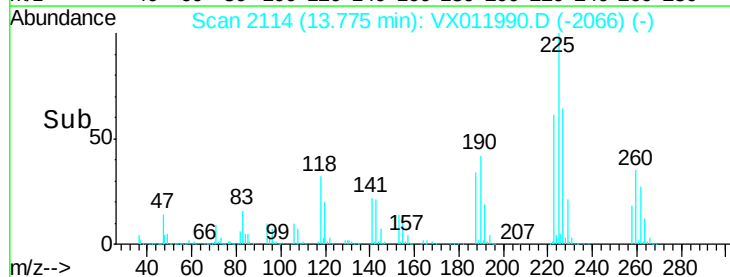
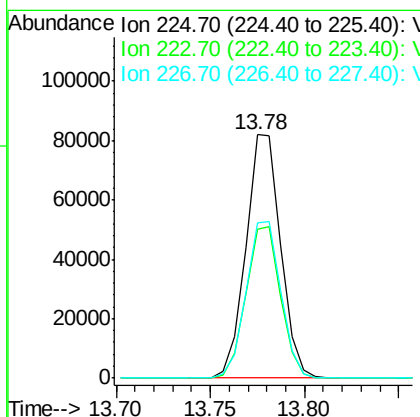
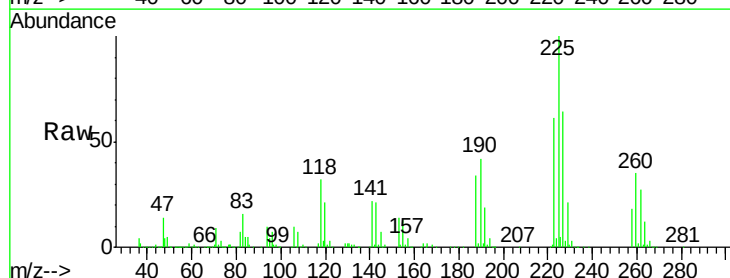
Manual Integrations
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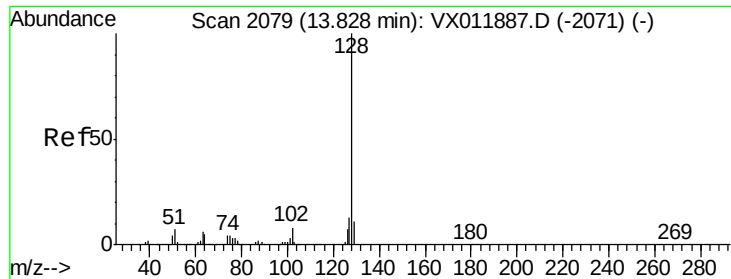
MMDadoda
 9/5/2019 2:05:10 AM



#94
 Hexachlorobutadiene
 Concen: 23.425 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX011990.D
 Acq: 01 Sep 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	104461		
223	62.1	30.8	92.3	
227	64.5	31.9	95.7	





#95

Naphthalene

Concen: 19.946 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Instrument :

MSVOA_X

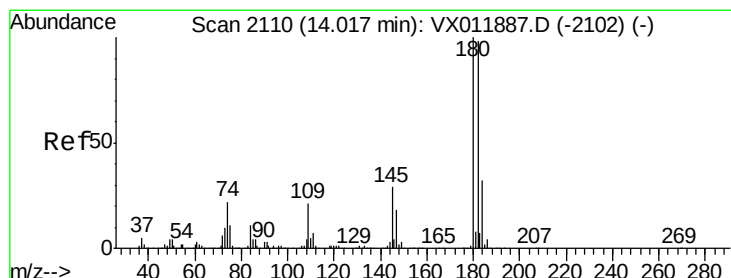
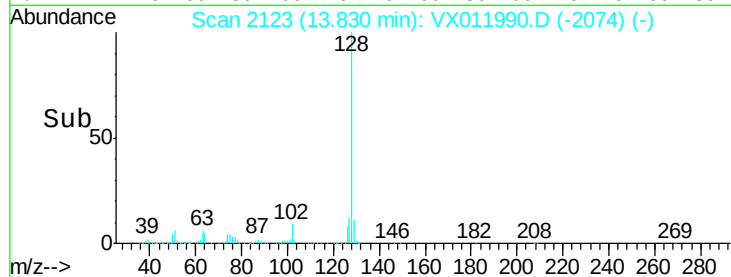
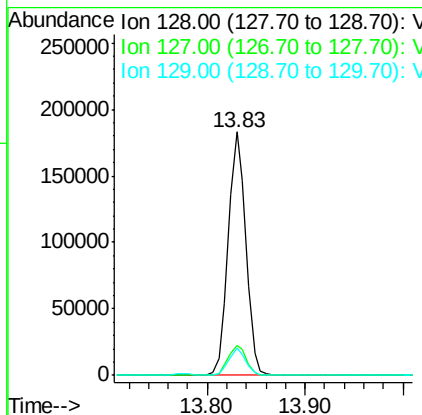
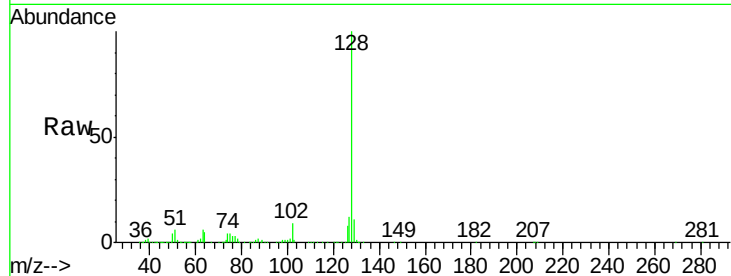
ClientSampleId :

VX0901SBS02

Tot Ion:	128	Resp:	228579
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/5/2019 2:05:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.021 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX011990.D

Acq: 01 Sep 2019 14:15

Tgt Ion:	180	Resp:	126930
Ion Ratio	Lower	Upper	
180	100		
182	97.9	48.3	144.8
145	29.4	14.6	43.8

