

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007925.D
 Acq On : 08 Mar 2019 12:06
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 9:31:08 AM

Quant Time: Mar 08 13:59:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	46672	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	254080	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	223411	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	91526	29.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.47%
60) 4-Bromofluorobenzene	11.13	95	106580	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	8.71	98	307359	30.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	51750	18.677 ug/l	98
3) Chloromethane	1.33	50	56024	18.183 ug/l	97
4) Vinyl Chloride	1.41	62	54874	17.980 ug/l	100
5) Bromomethane	1.64	94	35918	23.606 ug/l	99
6) Chloroethane	1.73	64	32497	18.232 ug/l	97
7) Trichlorofluoromethane	1.93	101	67551	17.774 ug/l	97
8) Diethyl Ether	2.19	74	37032	18.921 ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54172	18.959 ug/l	98
10) 1,1-Dichloroethene	2.38	96	51949	19.182 ug/l	96
11) Methyl Iodide	2.51	142	69867	16.480 ug/l	93
12) Methyl Acetate	2.78	43	78704	18.375 ug/l	94
13) Acrolein	2.30	56	50469	100.436 ug/l	98
14) Acrylonitrile	3.15	53	176508	97.078 ug/l	100
15) Acetone	2.45	58	58107	88.518 ug/l	97
16) Carbon Disulfide	2.57	76	170689	20.088 ug/l	99
17) Allyl chloride	2.73	41	105586	19.016 ug/l	91
18) Methylene Chloride	2.86	84	58622	19.000 ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	55534	19.380 ug/l	96
20) Diisopropyl ether	3.87	45	195226	19.220 ug/l	91
21) 1,1-Dichloroethane	3.70	63	103681	18.768 ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	63174	19.112 ug/l	92
23) tert-Butyl Alcohol	3.07	59	73472	100.164 ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	179709	19.300 ug/l	96
25) Chloroform	5.21	83	97834	18.763 ug/l	99
26) Cyclohexane	5.58	56	98152	19.227 ug/l	# 90
29) 1,1-Dichloropropene	5.80	75	78213	19.414 ug/l	96
30) 2-Butanone	4.70	43	258134	95.001 ug/l	97
31) 2,2-Dichloropropane	4.58	77	70051	18.826 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	81517	18.712 ug/l	98
33) Carbon Tetrachloride	5.78	117	71630	18.538 ug/l	99
34) Benzene	6.14	78	234725	19.012 ug/l	98
35) Methacrylonitrile	5.06	41	49414	18.662 ug/l	95
36) 1,2-Dichloroethane	6.20	62	75999	18.921 ug/l	99
37) Trichloroethene	7.21	130	63092	18.862 ug/l	95
38) Methylcyclohexane	7.46	83	96063	18.755 ug/l	95
39) 1,2-Dichloropropane	7.51	63	60863	18.903 ug/l	99
40) Dibromomethane	7.66	93	38931	19.062 ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	71692	18.571	ug/l	99
42) Vinyl Acetate	3.82	43	858342	97.588	ug/l	97
43) Ethyl Acetate	4.85	43	89745	18.962	ug/l #	82
44) Isopropyl Acetate	6.46	43	137559	19.049	ug/l	99
45) 1,4-Dioxane	7.75	88	30155	399.120	ug/l	92
46) Methyl methacrylate	7.77	41	72192	19.008	ug/l	90
47) n-amyl Acetate	10.90	43	119495	19.204	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	76760	18.360	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	87919	18.571	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	58355	18.745	ug/l	97
51) Ethyl methacrylate	9.18	69	90726	19.217	ug/l	92
52) 1,3-Dichloropropane	9.37	76	97868	19.027	ug/l	99
53) Dibromochloromethane	9.59	129	59247	18.502	ug/l	99
54) 1,2-Dibromoethane	9.67	107	61813	18.993	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	219628	100.022	ug/l	99
56) Bromoform	10.86	173	47119	18.448	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	459522	99.902	ug/l	99
59) 2-Hexanone	9.49	43	360482	99.282	ug/l	100
61) Tetrachloroethene	9.34	164	62288	19.113	ug/l	98
62) Toluene	8.79	91	251813	19.303	ug/l	99
64) Chlorobenzene	10.14	112	160808	19.341	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	56903	19.115	ug/l	99
66) Ethyl Benzene	10.25	91	266859	19.045	ug/l	97
67) m/p-Xylenes	10.36	106	205839	38.310	ug/l	96
68) o-Xylene	10.70	106	100343	19.233	ug/l	98
69) Styrene	10.71	104	166357	19.351	ug/l	99
70) Isopropylbenzene	11.02	105	269002	19.295	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	90108	19.570	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	85747m	19.757	ug/l	
73) Bromobenzene	11.26	156	72776	19.635	ug/l	97
74) n-propylbenzene	11.36	91	299546	19.048	ug/l	99
75) 2-Chlorotoluene	11.42	91	180424	19.141	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	221502	19.171	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	23889	17.815	ug/l	95
78) 4-Chlorotoluene	11.51	91	201257	18.885	ug/l	97
79) tert-butylbenzene	12.06	119	236256	19.054	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	225106	19.196	ug/l	98
81) sec-Butylbenzene	11.94	105	264562	19.050	ug/l	99
82) p-Isopropyltoluene	12.06	119	236256	19.054	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	126062	19.104	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	124672	18.883	ug/l	98
85) n-Butylbenzene	12.39	91	197896	18.663	ug/l	99
86) Hexachloroethane	12.60	117	36930	18.280	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	125486	19.242	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17929	19.063	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	89782	19.156	ug/l	99
90) Hexachlorobutadiene	13.78	225	48318	18.692	ug/l	97
91) Naphthalene	13.83	128	264365	19.677	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	90323	19.388	ug/l	98

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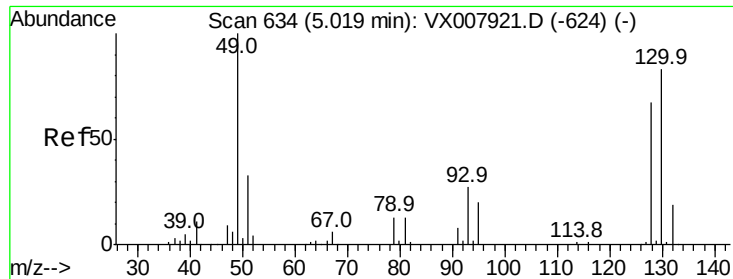
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

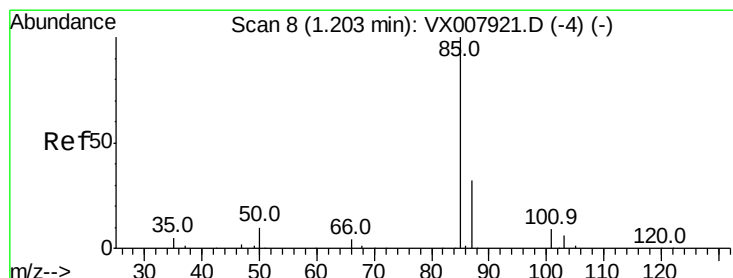
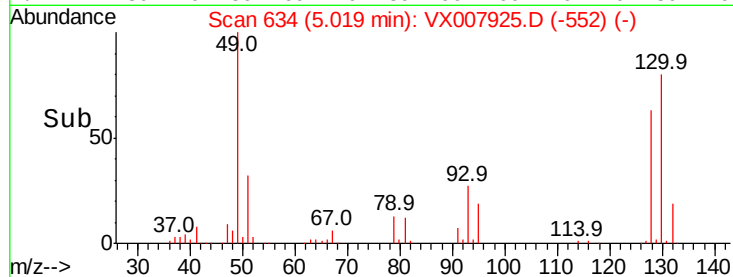
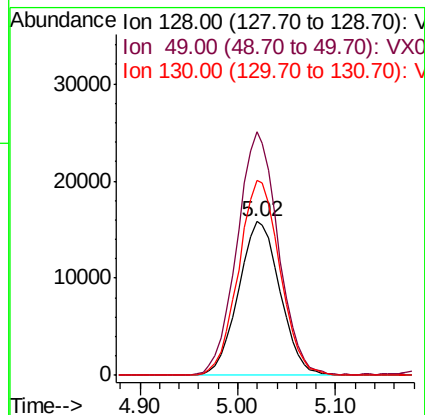
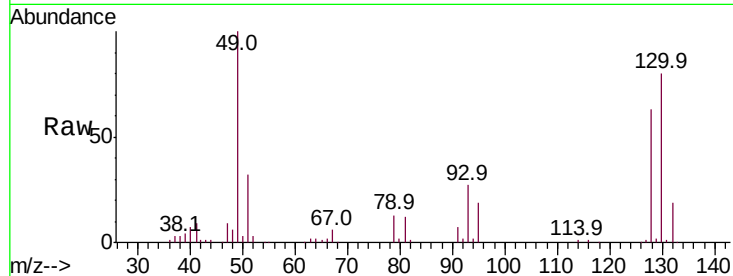
ClientSampleId :

ICVVX030819

Tot Ion:	128	Resp:	46672
Ion	Ratio	Lower	Upper
128	100		
49	157.3	0.0	350.8
130	126.4	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 18.677 ug/l

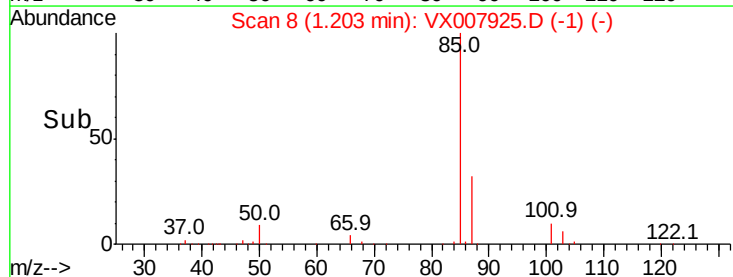
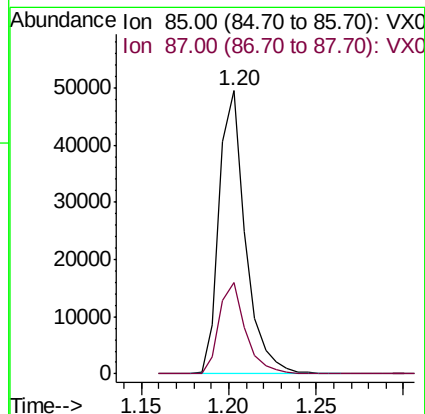
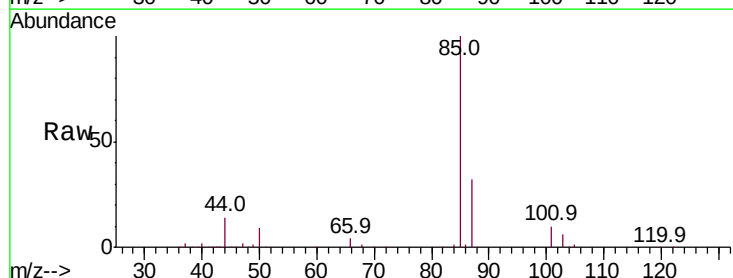
RT: 1.20 min Scan# 8

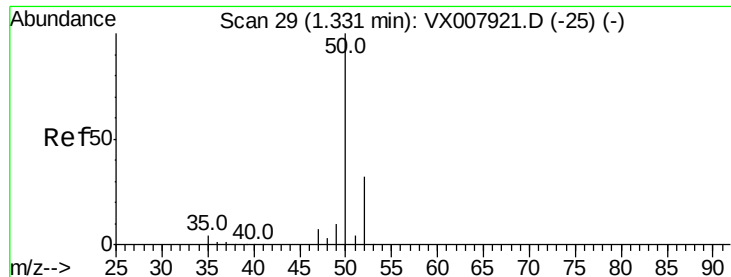
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	85	Resp:	51750
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.8





#3

Chloromethane

Concen: 18.183 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 50 Resp: 56024

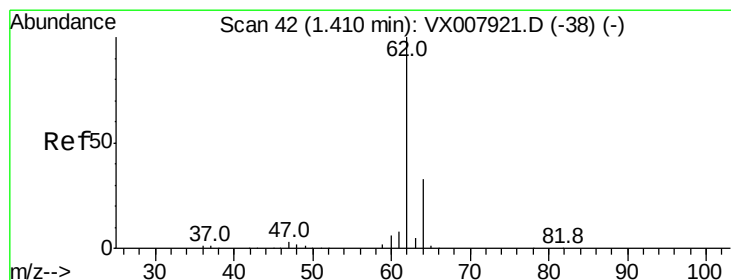
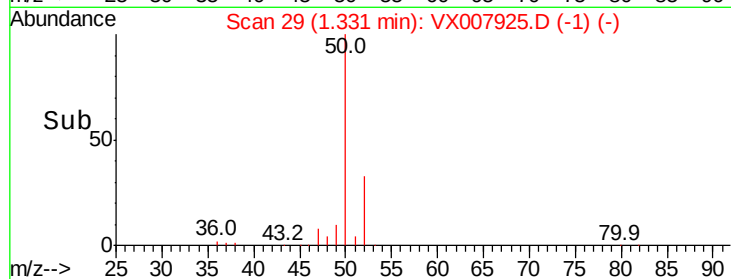
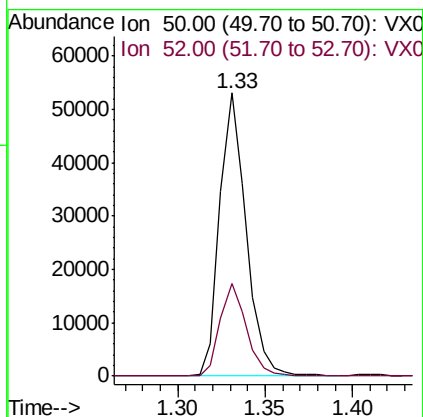
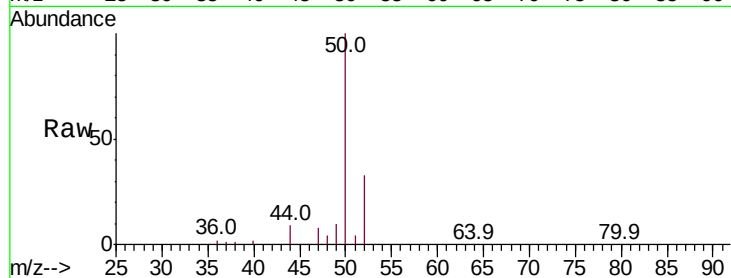
Ion Ratio Lower Upper

50 100

52 32.6 27.5 41.3

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#4

Vinyl Chloride

Concen: 17.980 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007925.D

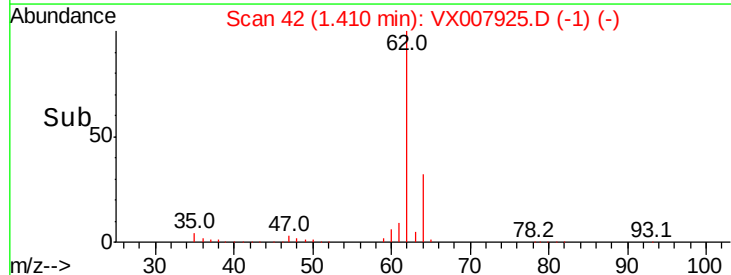
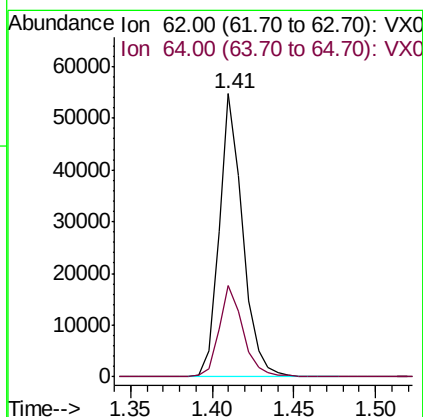
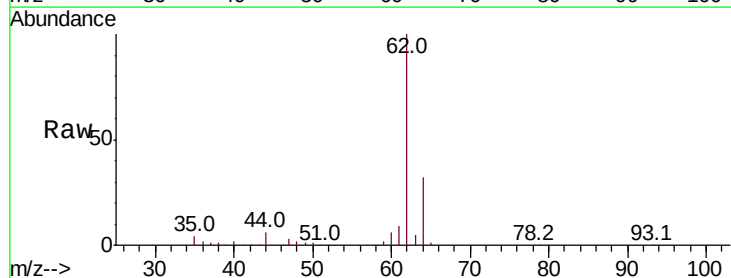
Acq: 08 Mar 2019 12:06

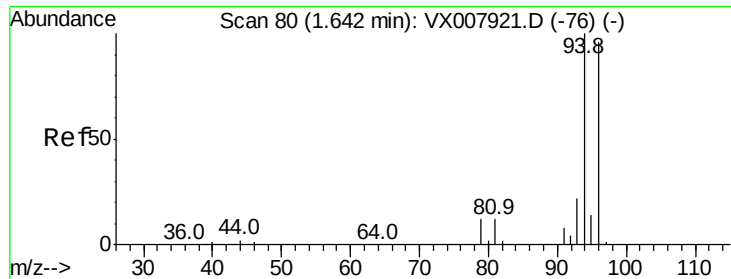
Tgt Ion: 62 Resp: 54874

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 23.606 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 94 Resp: 35918

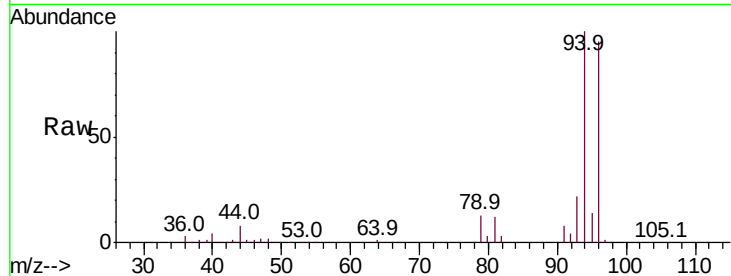
Ion Ratio Lower Upper

94 100

96 95.2 75.6 113.4

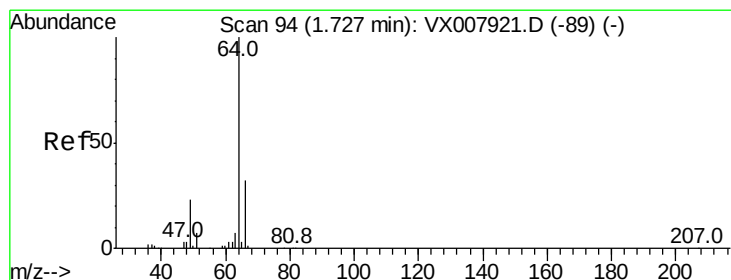
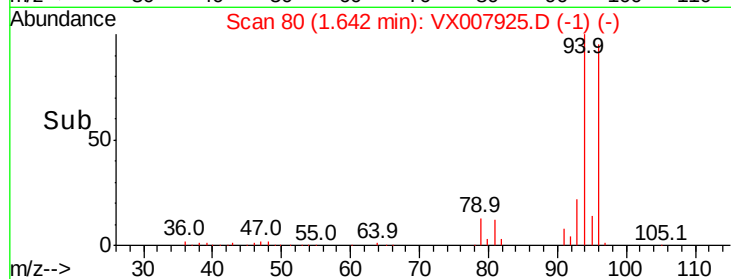
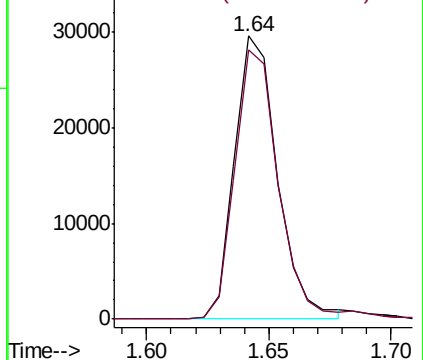
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.232 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007925.D

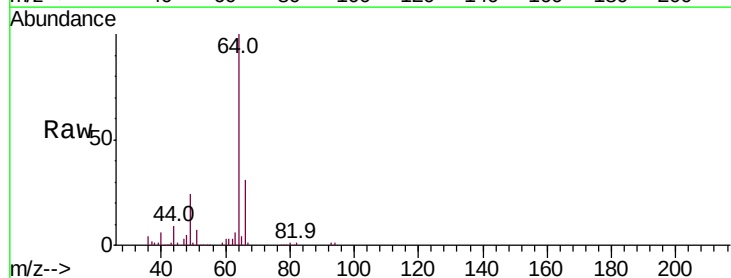
Acq: 08 Mar 2019 12:06

Tgt Ion: 64 Resp: 32497

Ion Ratio Lower Upper

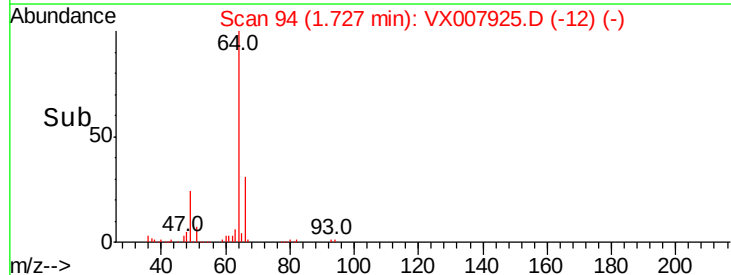
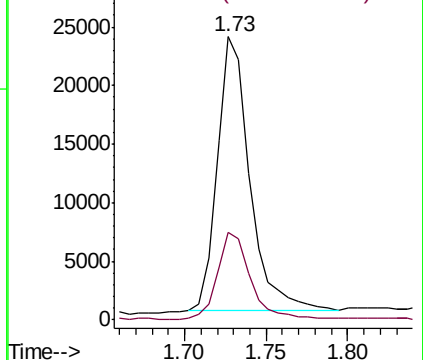
64 100

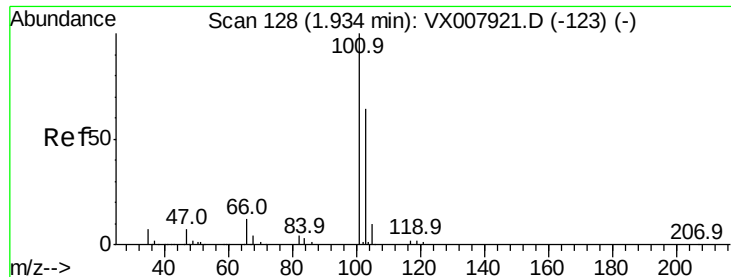
66 31.4 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

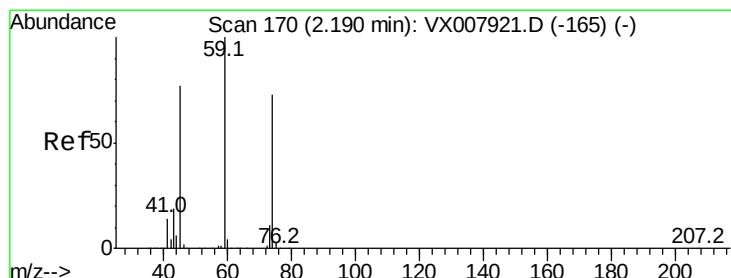
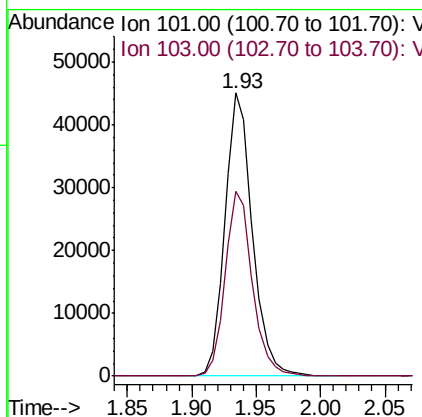
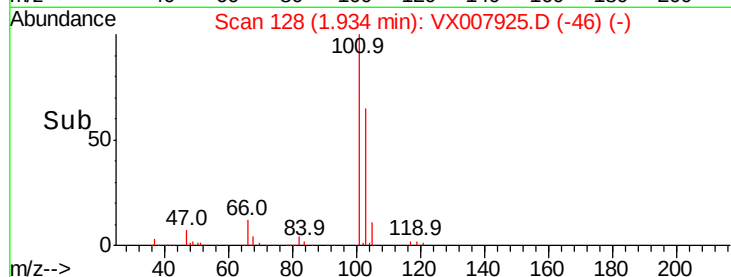
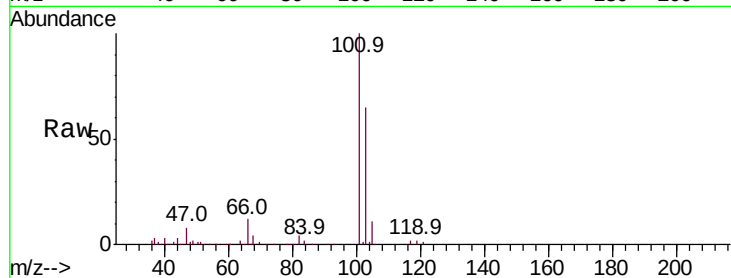
Trichlorofluoromethane
Concen: 17.774 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.4	75.6

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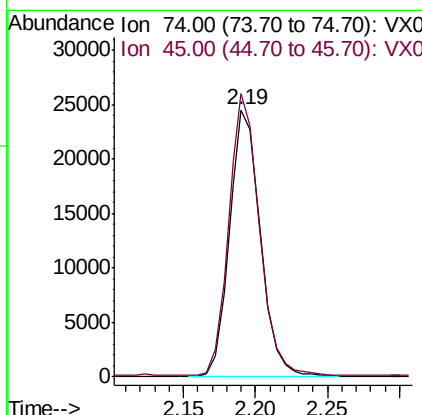
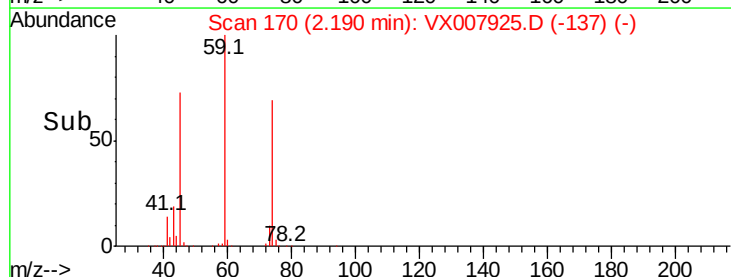
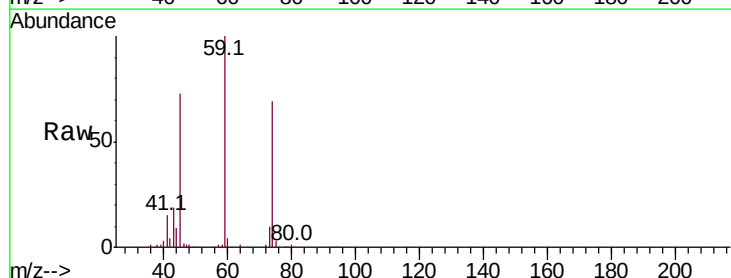
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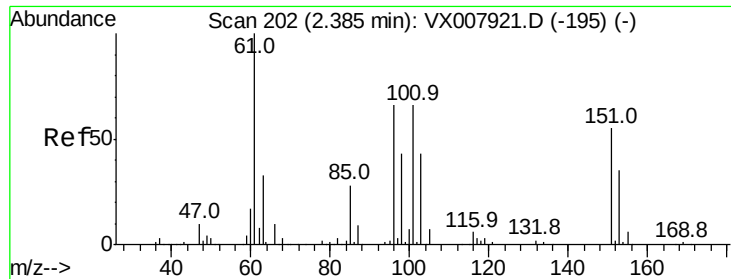


#8

Diethyl Ether
Concen: 18.921 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.959 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

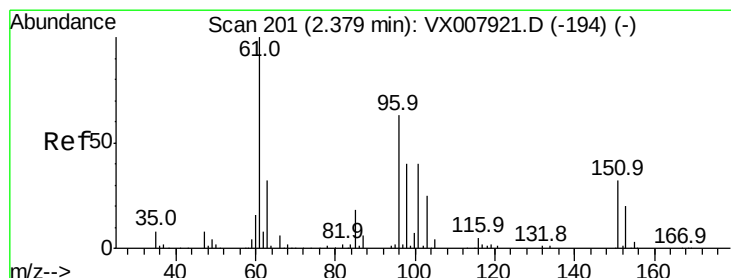
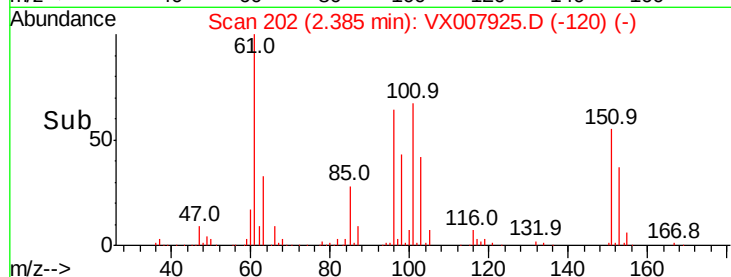
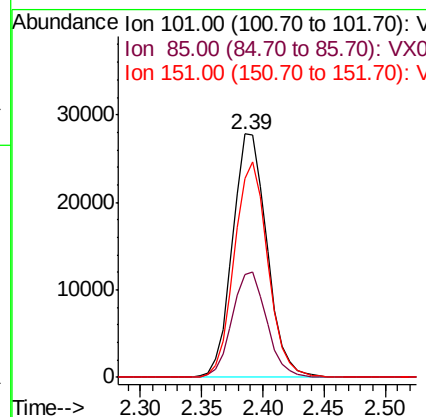
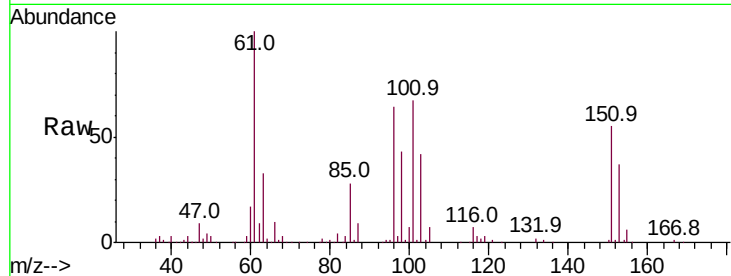
ClientSampleId :

ICVVX030819

Tot Ion:	101	Resp:	54172
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	86.8
151	86.6	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.182 ug/l

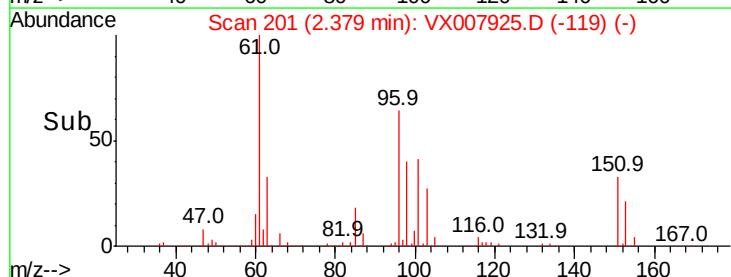
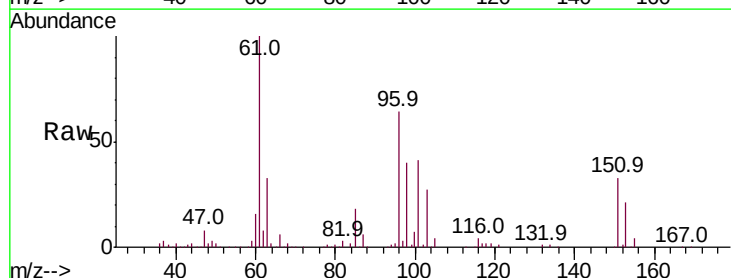
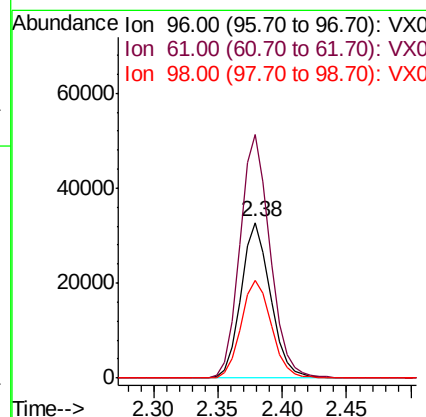
RT: 2.38 min Scan# 201

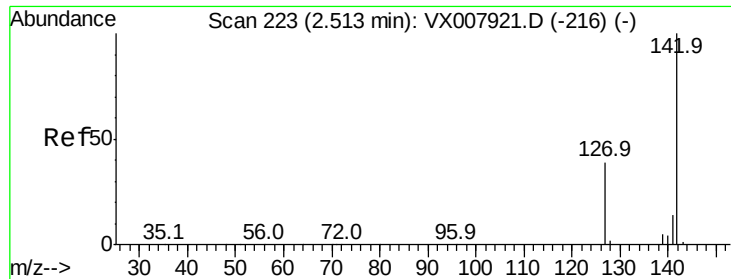
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	96	Resp:	51949
Ion Ratio	Lower	Upper	
96	100		
61	156.6	120.2	180.2
98	63.0	49.0	73.4





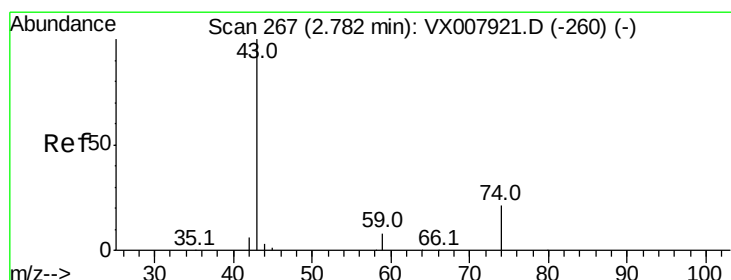
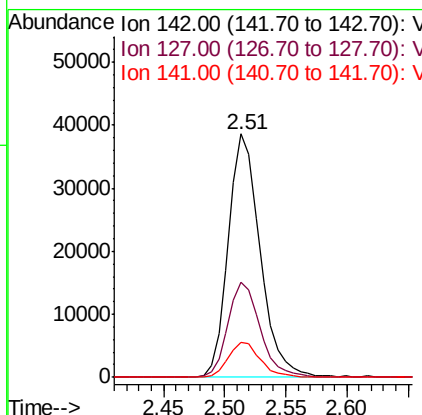
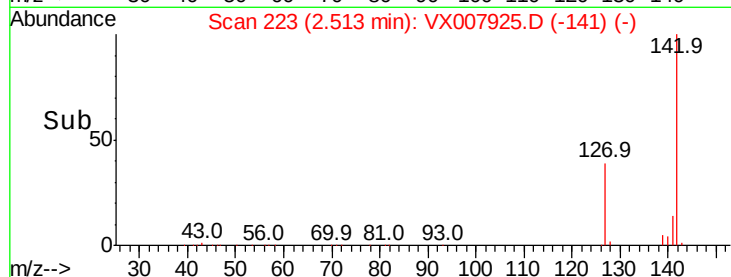
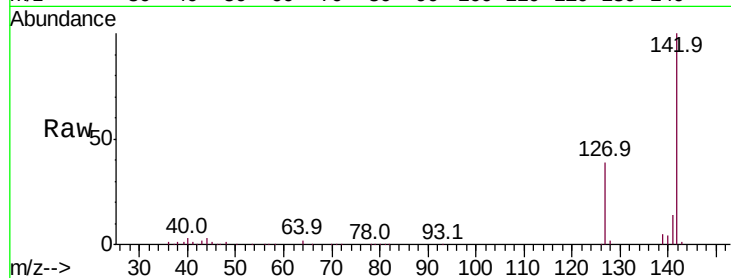
#11
Methyl Iodide
Concen: 16.480 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.9	22.1	66.5
141	14.3	7.4	22.3

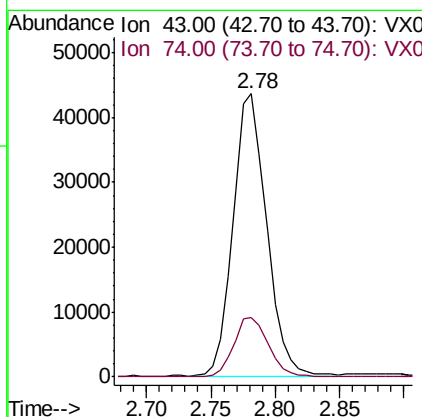
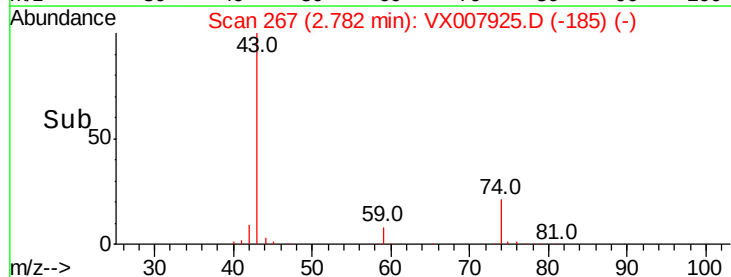
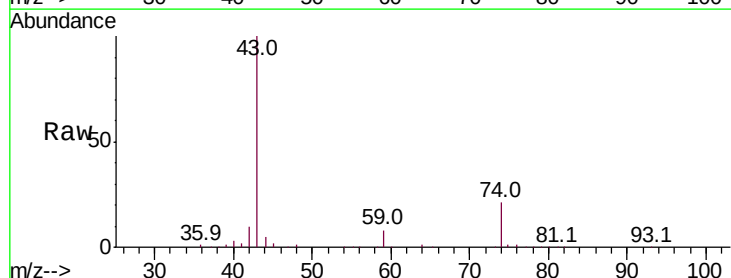
Manual Integrations
APPROVED

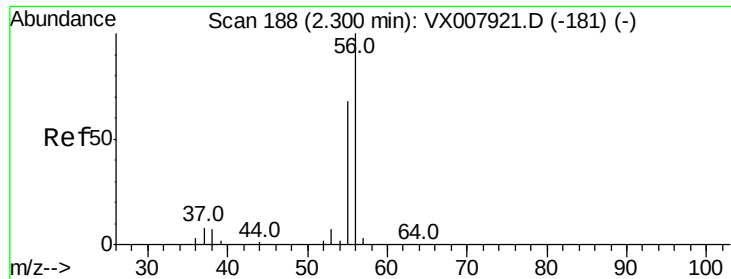
MMDadoda
3/11/2019 9:31:08 AM



#12
Methyl Acetate
Concen: 18.375 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	19.4	29.0





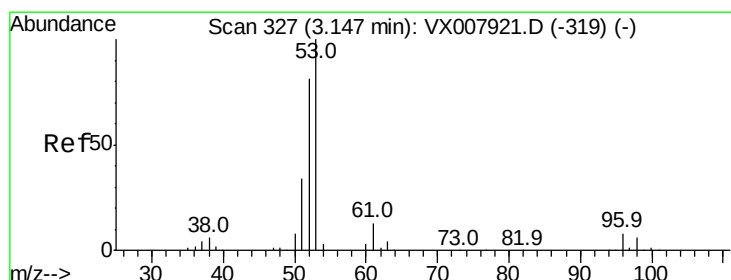
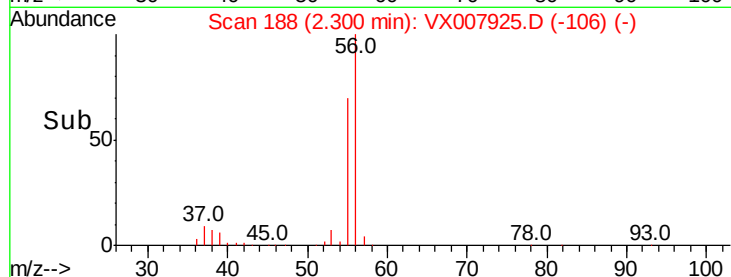
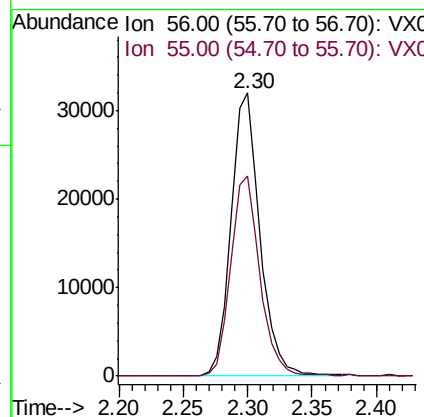
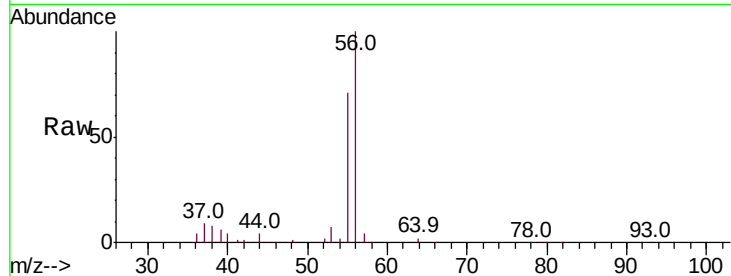
#13
Acrolein
Concen: 100.436 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	56	Resp	50469
Ion Ratio	100	Lower	Upper
55	71.1	58.6	87.8

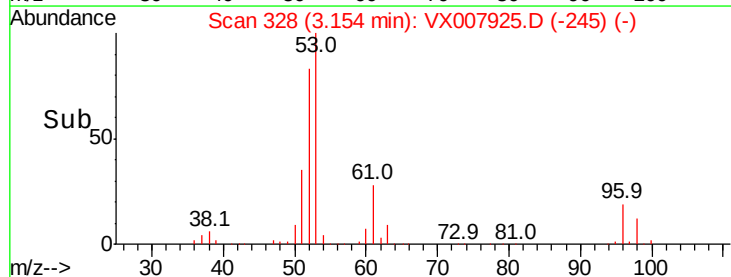
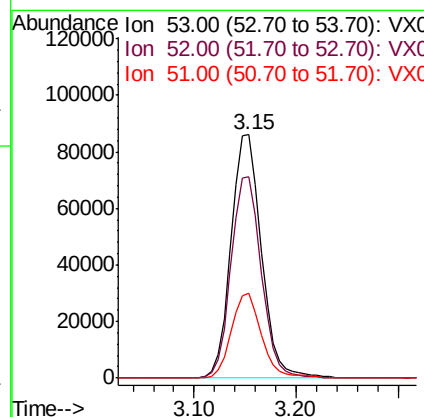
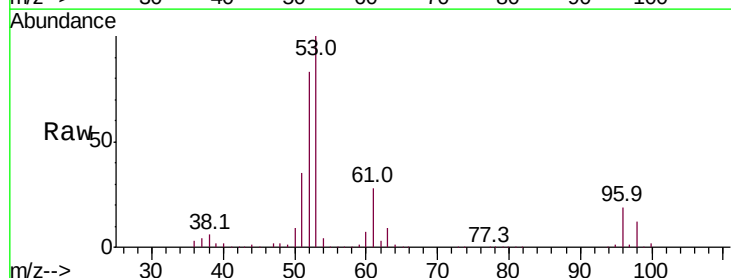
Manual Integrations
APPROVED

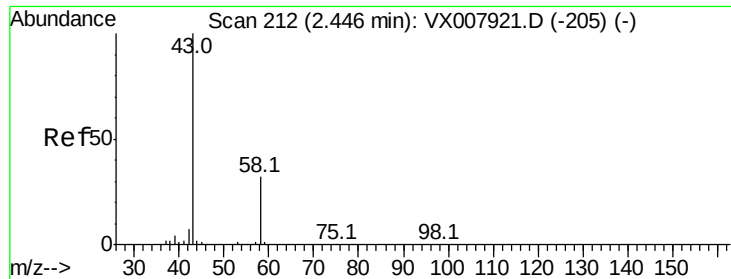
MMDadoda
3/11/2019 9:31:08 AM



#14
Acrylonitrile
Concen: 97.078 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	53	Resp	176508
Ion Ratio	100	Lower	Upper
52	82.9	41.3	124.1
51	34.9	17.5	52.6





#15

Acetone

Concen: 88.518 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 58 Resp: 58107

Ion Ratio Lower Upper

58 100

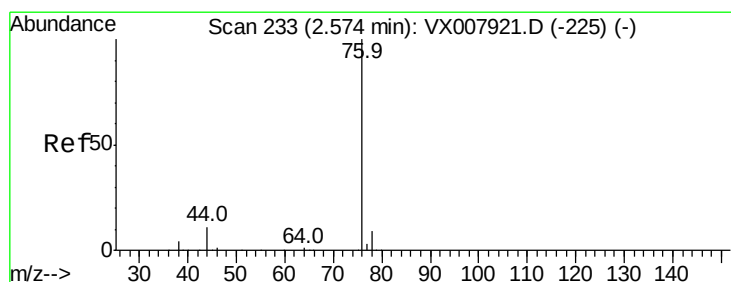
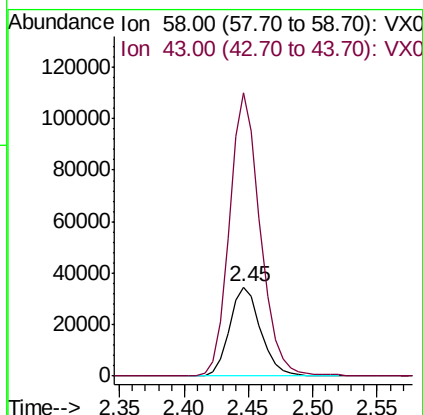
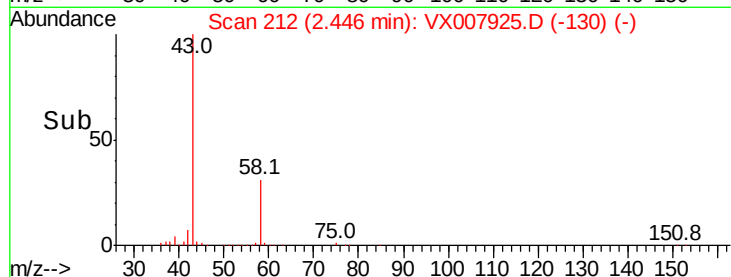
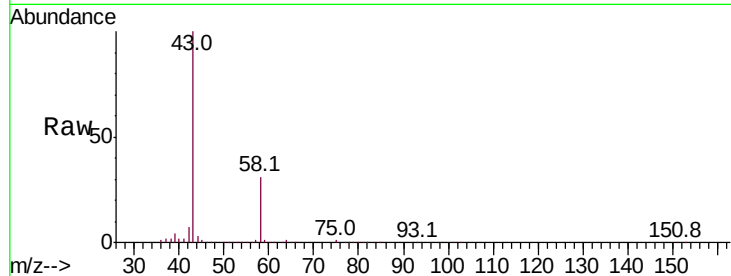
43 317.5 249.8 374.6

Manual Integrations

APPROVED

MMDadoda

3/11/2019 9:31:08 AM



#16

Carbon Disulfide

Concen: 20.088 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007925.D

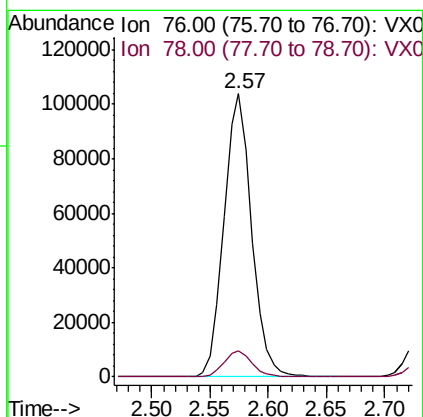
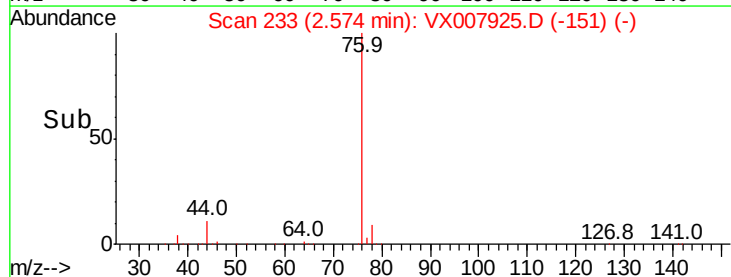
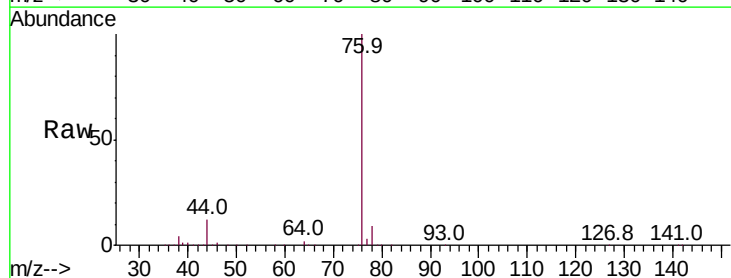
Acq: 08 Mar 2019 12:06

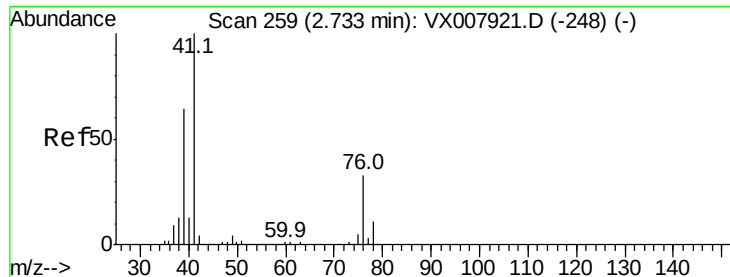
Tgt Ion: 76 Resp: 170689

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





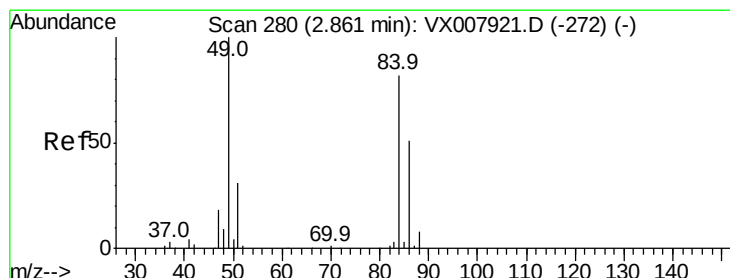
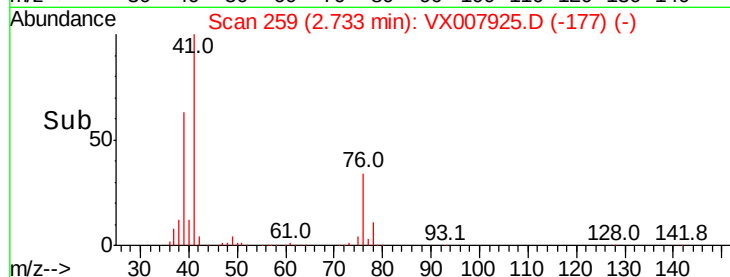
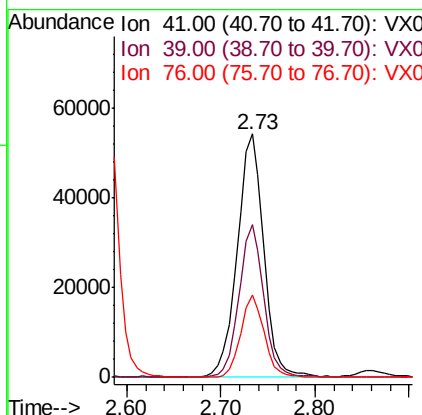
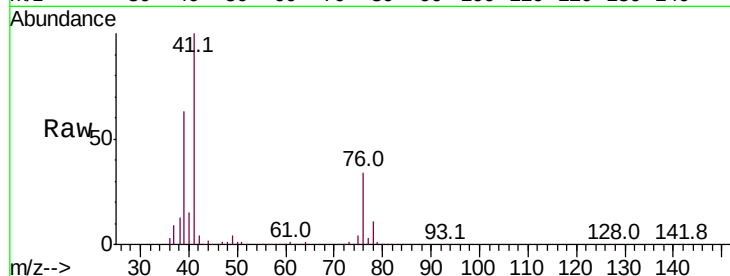
#17
Allvl chloride
Concen: 19.016 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion:	41	Resp:	105586
Ion	Ratio	Lower	Upper
41	100		
39	62.7	35.8	107.4
76	33.8	18.3	54.9

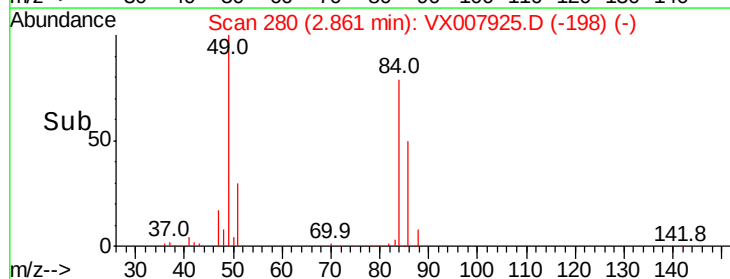
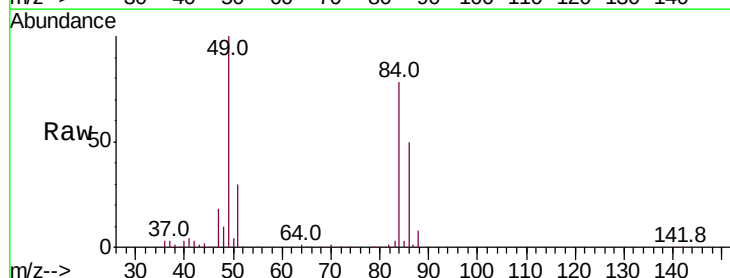
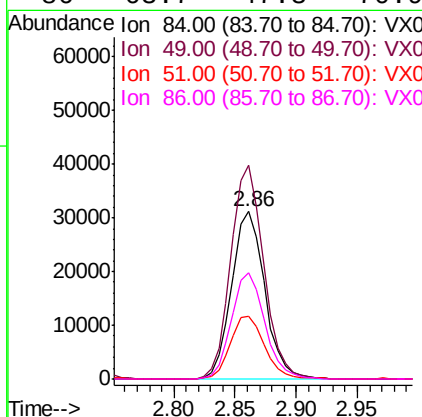
Manual Integrations
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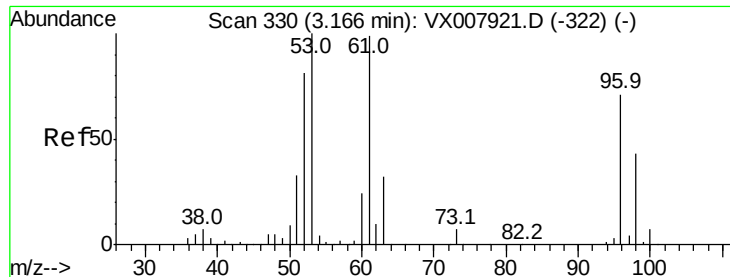
MMDadoda
3/11/2019 9:31:08 AM



#18
Methylene Chloride
Concen: 19.000 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion:	84	Resp:	58622
Ion	Ratio	Lower	Upper
84	100		
49	127.4	96.1	144.1
51	37.6	29.1	43.7
86	63.7	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 19.380 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 96 Resp: 55534

Ion Ratio Lower Upper

96 100

61 144.0 109.9 164.9

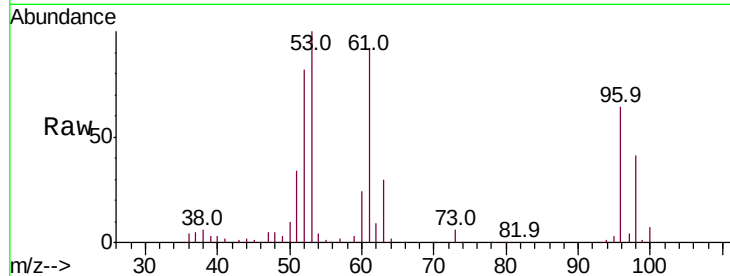
98 64.6 50.4 75.6

Manual Integrations

APPROVED

MMDadoda

3/11/2019 9:31:08 AM

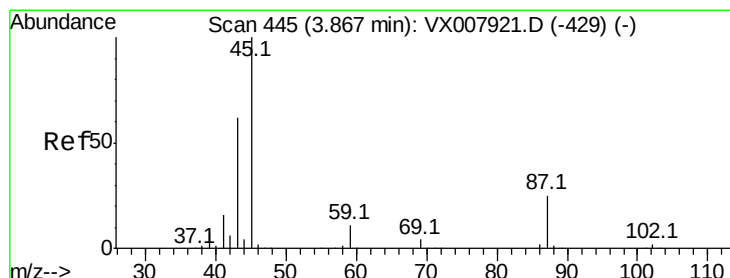
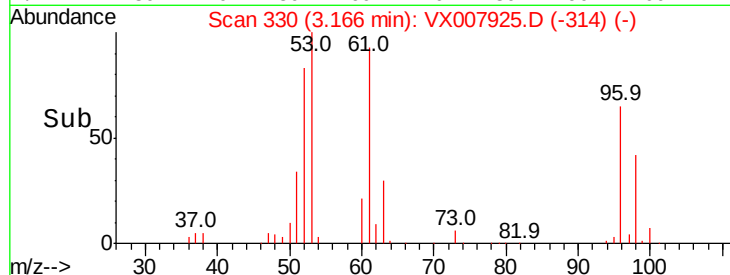
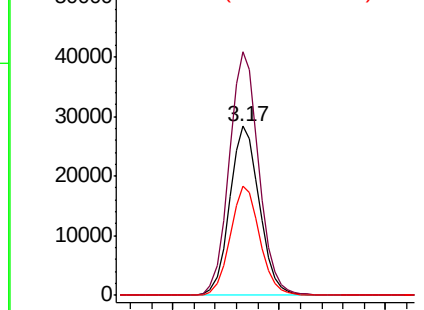


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.220 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion: 45 Resp: 195226

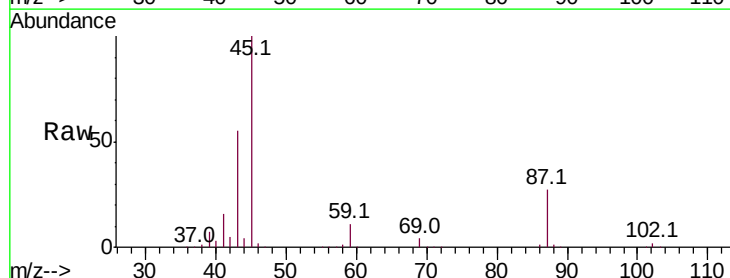
Ion Ratio Lower Upper

45 100

43 54.8 50.6 76.0

87 26.8 24.5 36.7

59 11.3 10.2 15.2



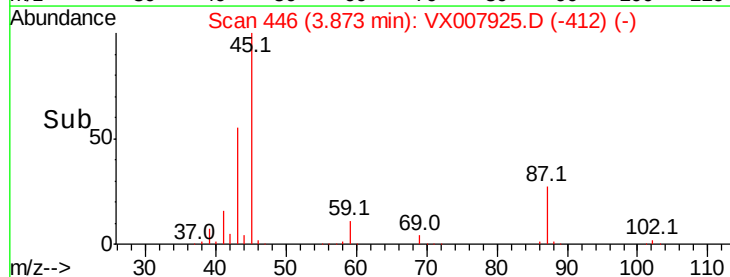
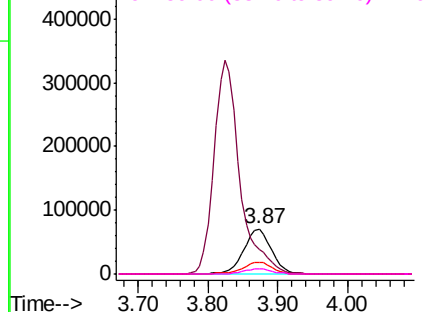
Abundance

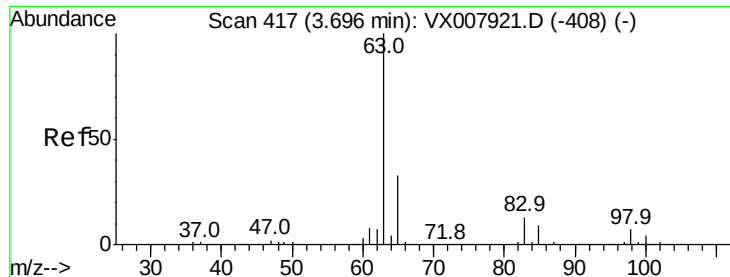
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





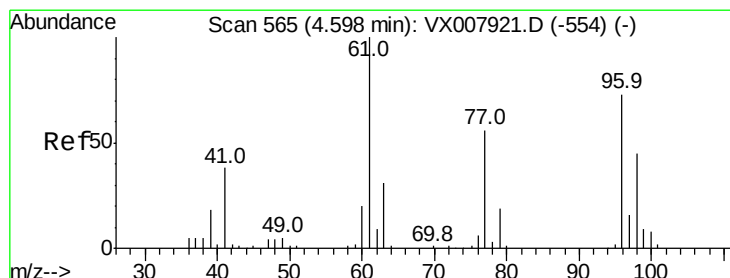
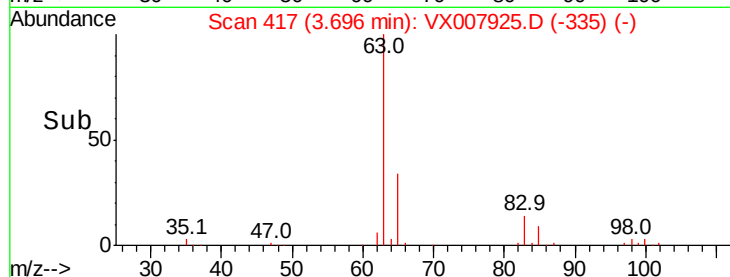
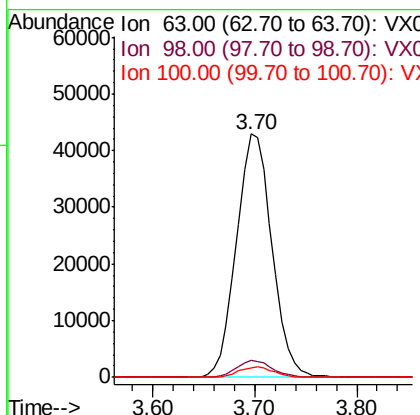
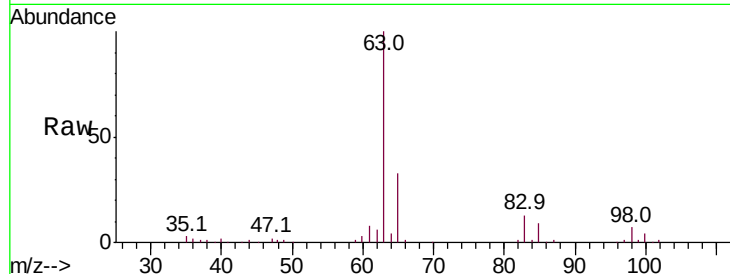
#21
 1,1-Dichloroethane
 Concen: 18.768 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	7.1	3.8	11.4	
100	4.0	2.4	7.1	

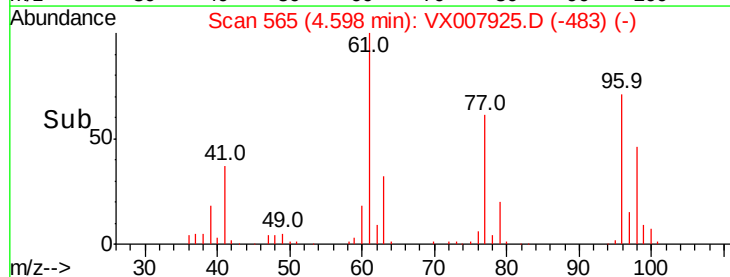
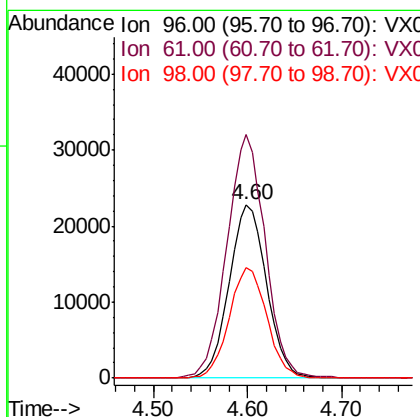
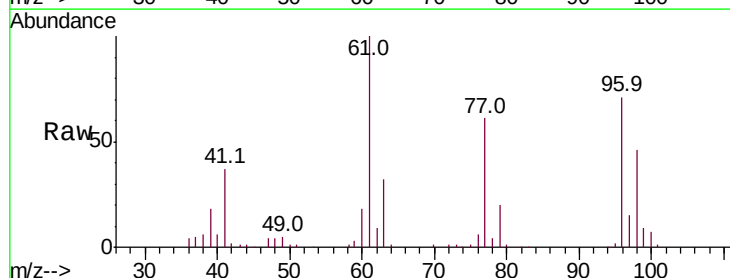
Manual Integrations
 APPROVED

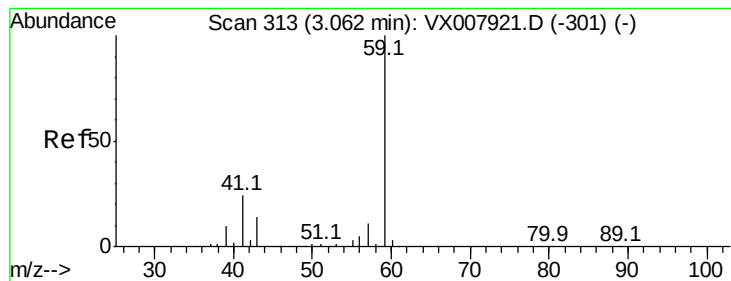
MMDadoda
 3/11/2019 9:31:08 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.112 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.3	103.5	155.3	
98	64.1	52.1	78.1	





#23

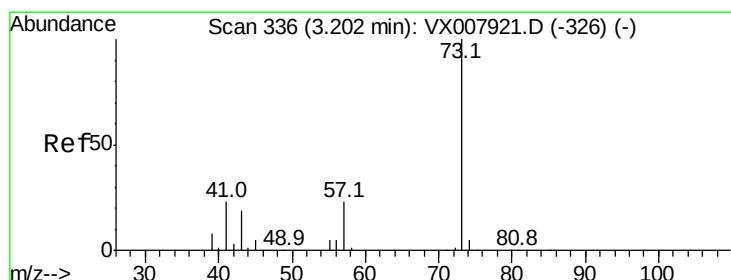
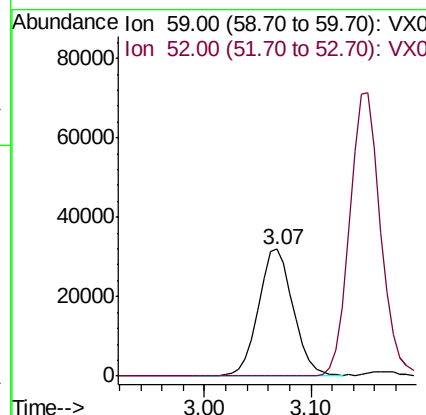
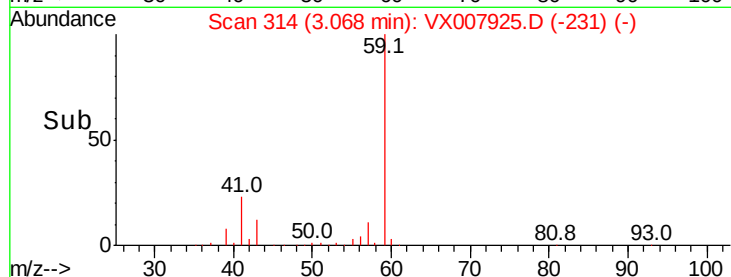
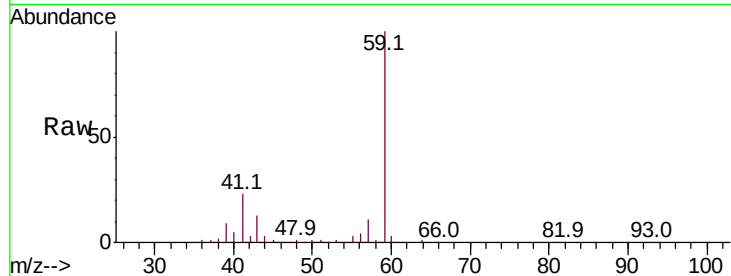
tert-Butyl Alcohol
Concen: 100.164 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.01 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion: 59 Resp: 73472
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.2#

Manual Integrations
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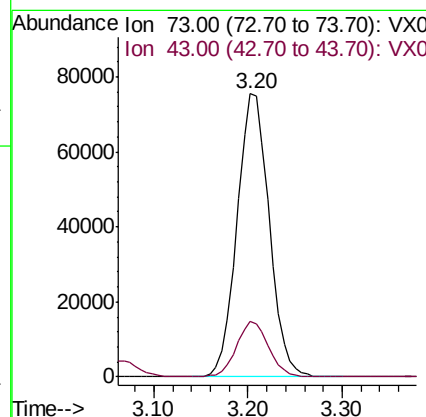
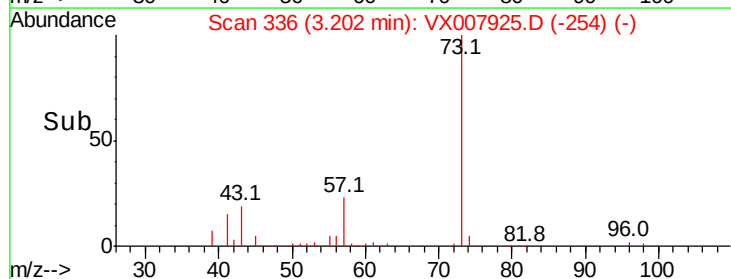
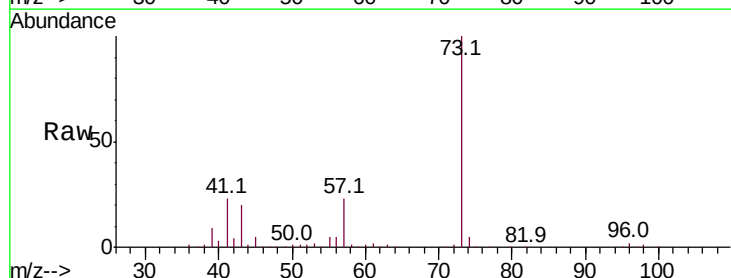
MMDadoda
3/11/2019 9:31:08 AM

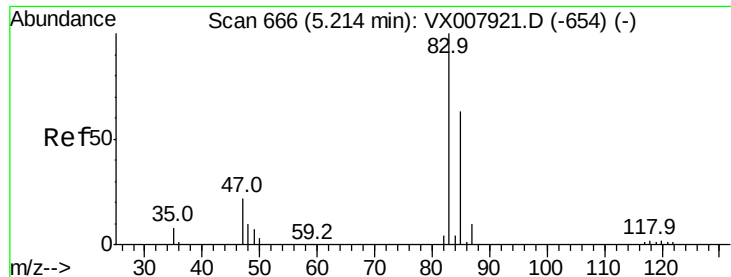


#24

Methyl tert-Butyl Ether
Concen: 19.300 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 73 Resp: 179709
Ion Ratio Lower Upper
73 100
43 19.3 17.1 25.7





#25

Chloroform

Concen: 18.763 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 83 Resp: 97834

Ion Ratio Lower Upper

83 100

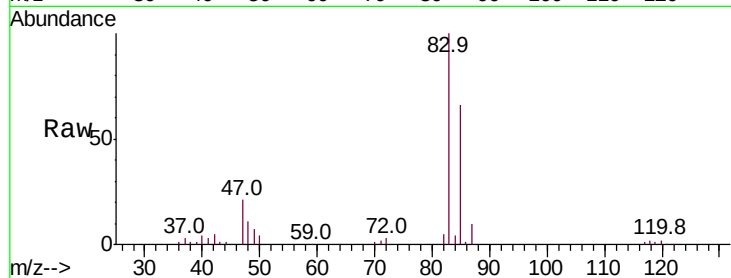
85 66.1 53.8 80.6

Manual Integrations

APPROVED

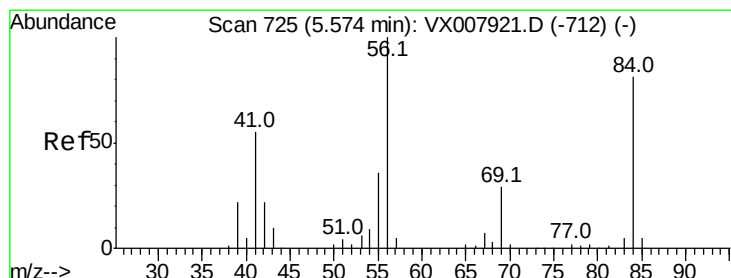
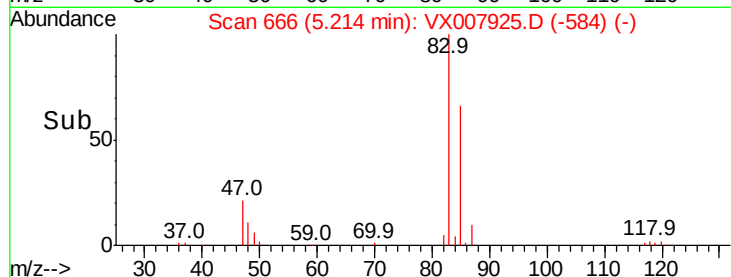
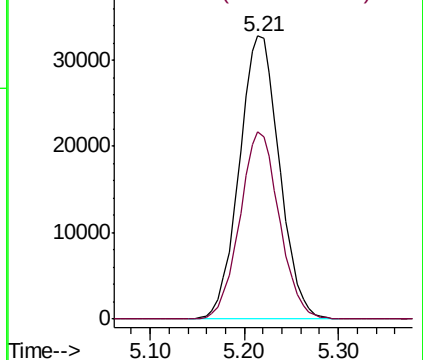
MMDadoda

3/11/2019 9:31:08 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.227 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

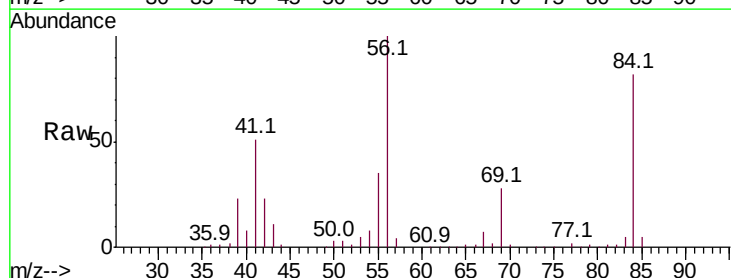
Tgt Ion: 56 Resp: 98152

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

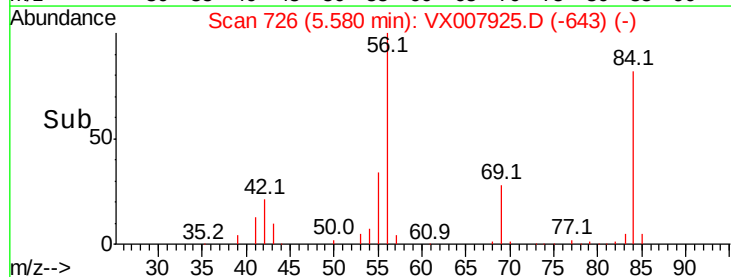
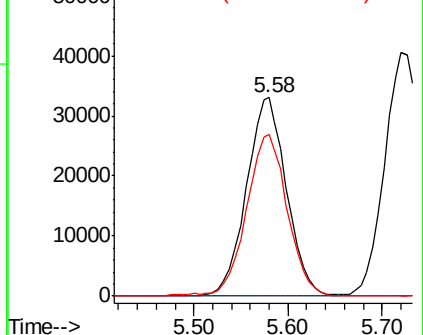
84 82.7 73.9 110.9

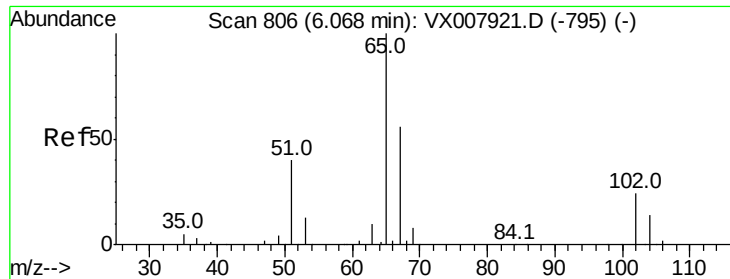


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





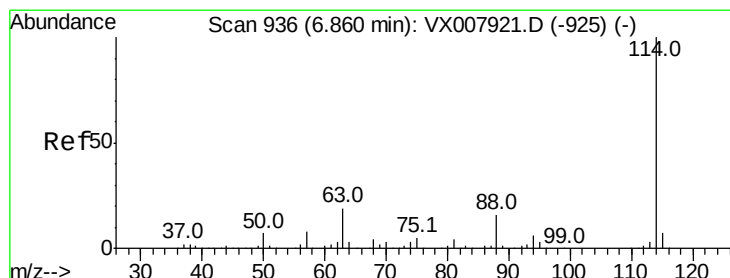
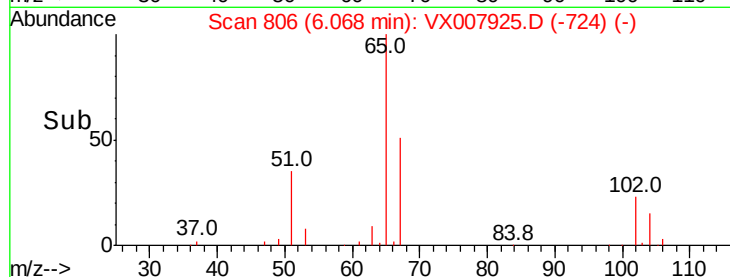
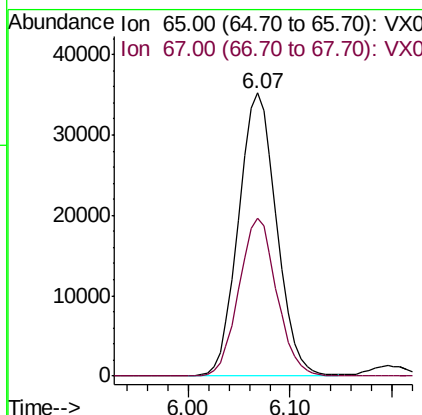
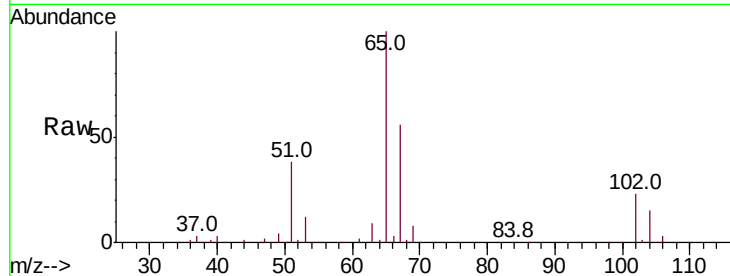
#27
 1,2-Dichloroethane-d4
 Concen: 29.835 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	42.9	64.3

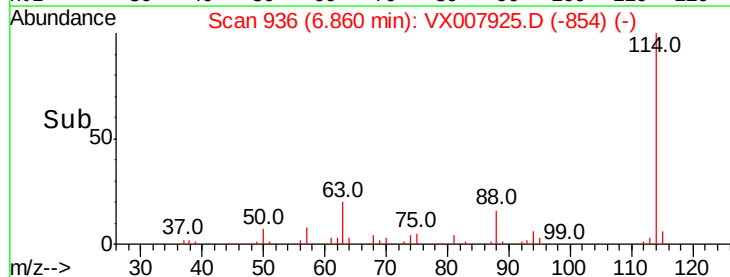
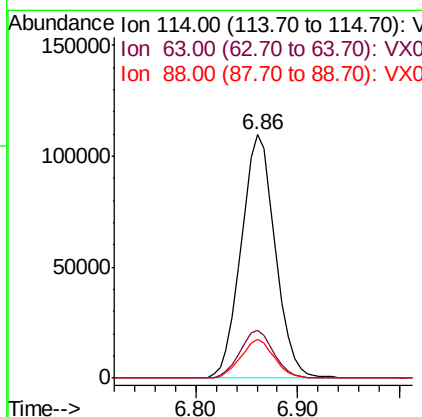
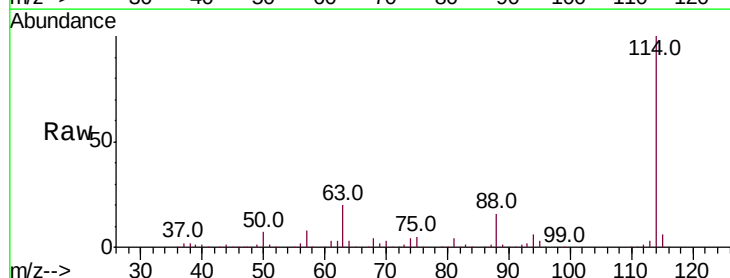
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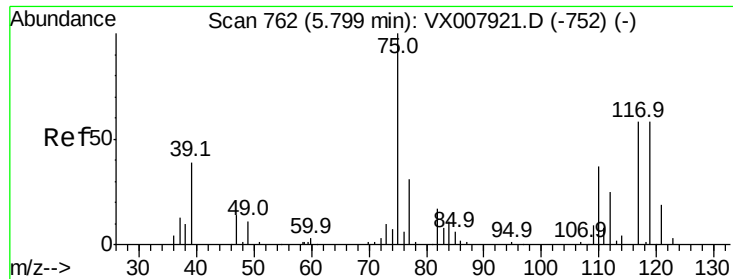
MMDadoda
 3/11/2019 9:31:08 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	14.2	21.4
88	15.7	11.9	17.9





#29

1,1-Dichloropropene

Concen: 19.414 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

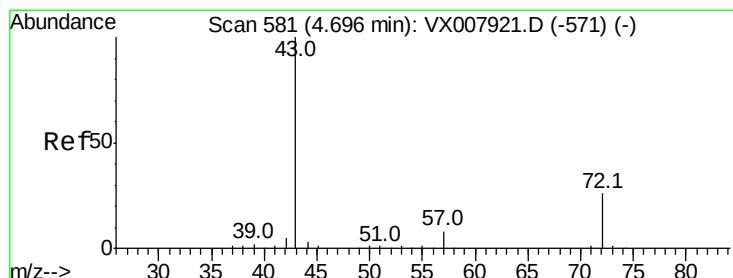
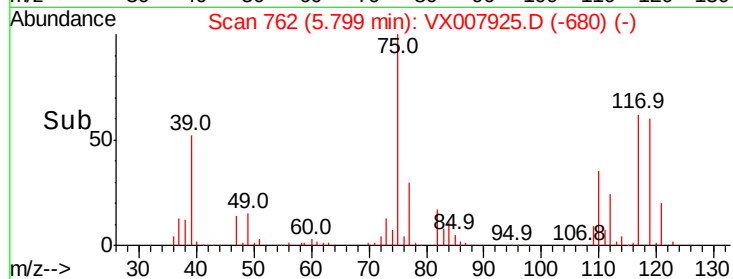
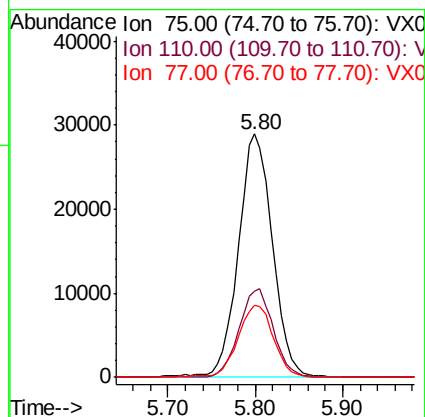
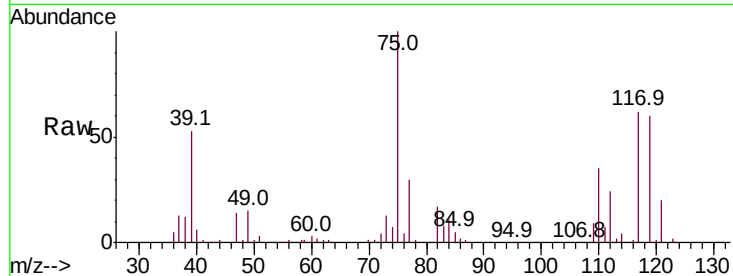
ClientSampleId :

ICVVX030819

Tot Ion:	75	Resp:	78213
Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	80.8
77	30.8	0.0	62.4

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#30

2-Butanone

Concen: 95.001 ug/l

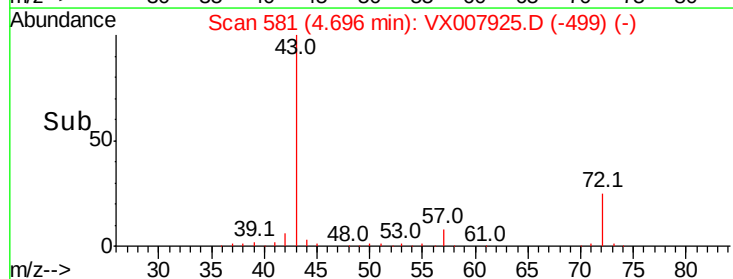
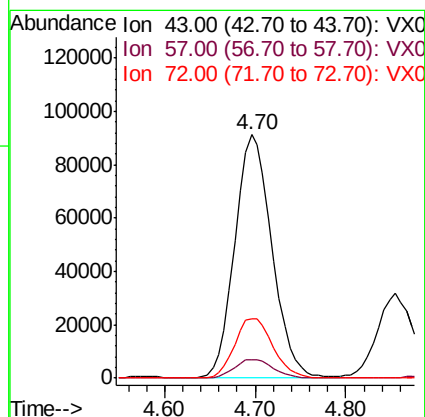
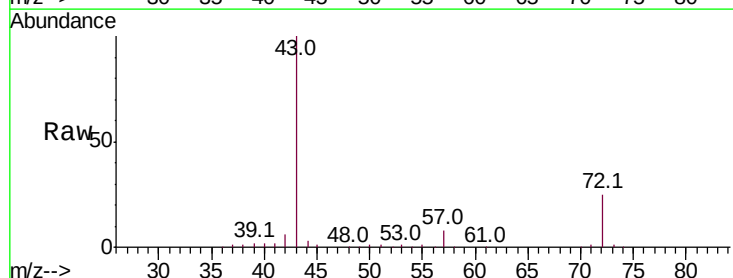
RT: 4.70 min Scan# 581

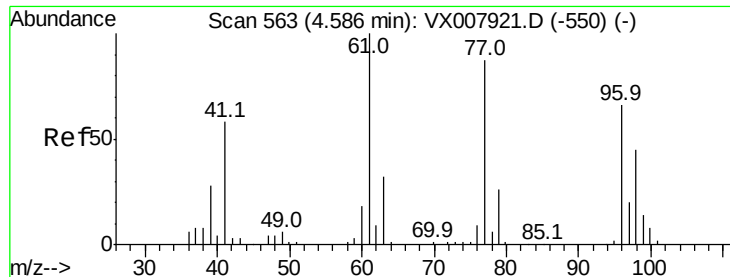
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	43	Resp:	258134
Ion	Ratio	Lower	Upper
43	100		
57	7.9	7.0	10.6
72	25.5	21.5	32.3





#31

2,2-Dichloropropane

Concen: 18.826 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 77 Resp: 70051

Ion Ratio Lower Upper

77 100

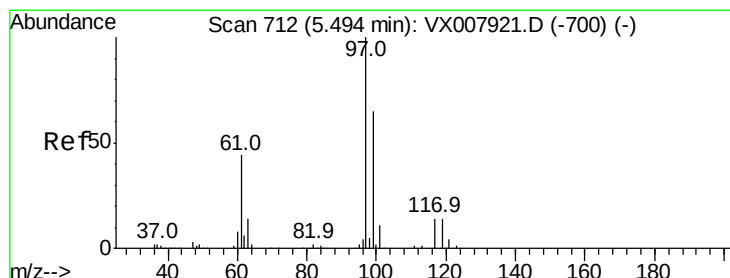
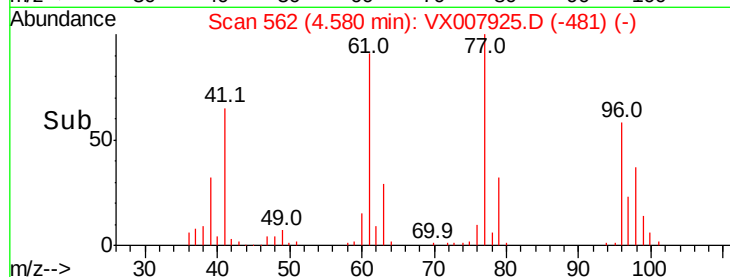
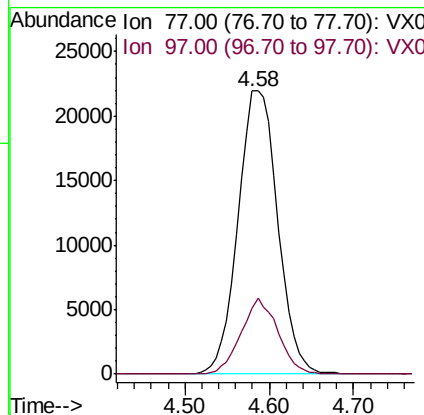
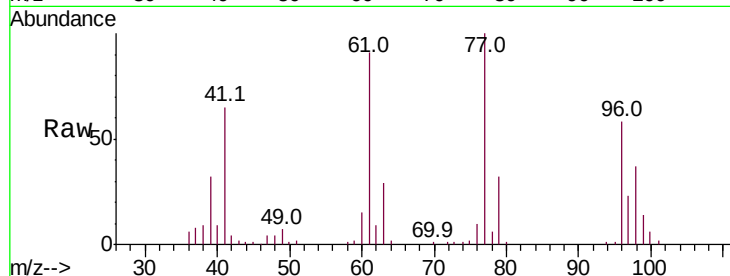
97 24.8 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 18.712 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

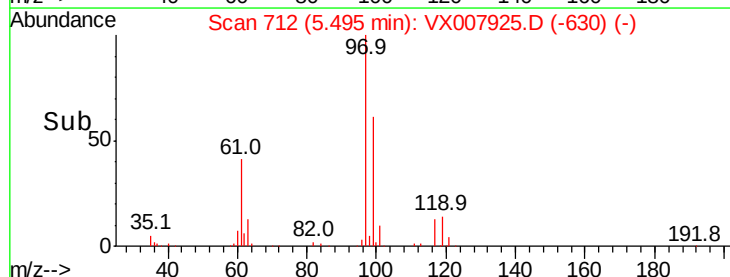
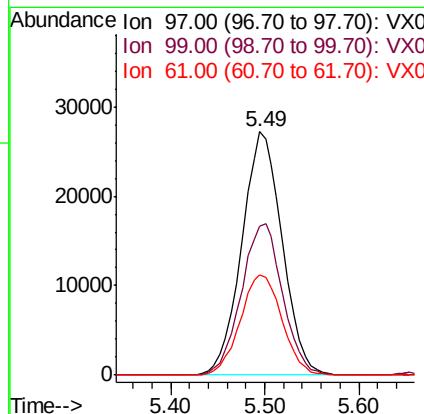
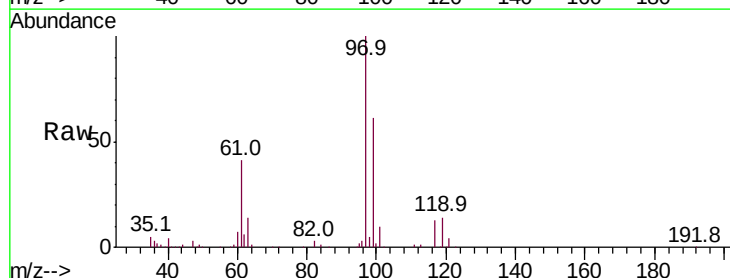
Tgt Ion: 97 Resp: 81517

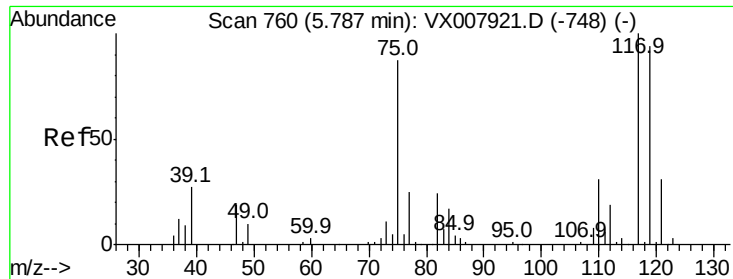
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 42.7 32.8 49.2





#33

Carbon Tetrachloride

Concen: 18.538 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

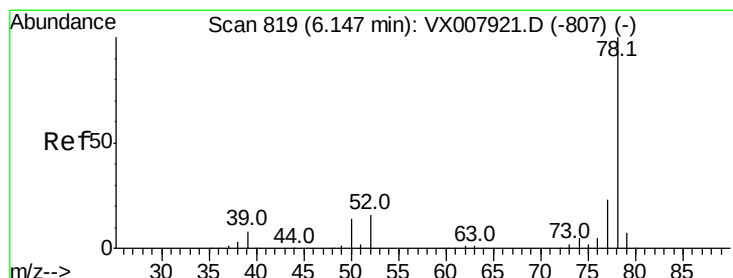
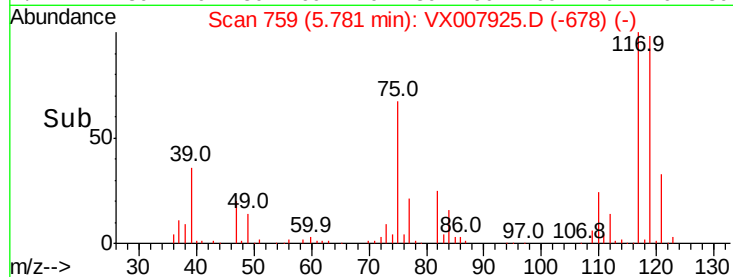
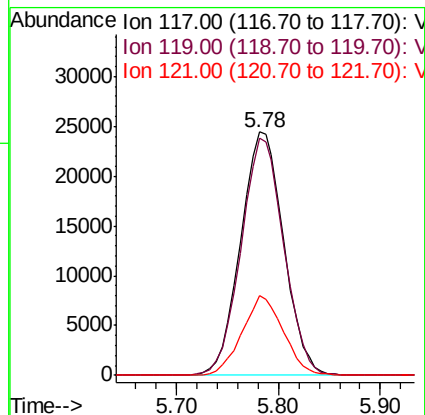
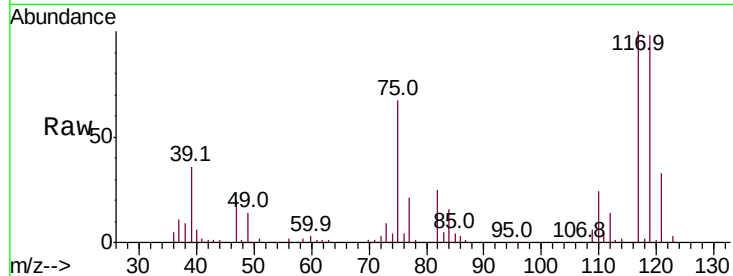
ClientSampleId :

ICVVX030819

Tot Ion:117 Resp: 71630
 Ion Ratio Lower Upper
 117 100
 119 97.5 78.1 117.1
 121 32.6 27.0 40.6

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#34

Benzene

Concen: 19.012 ug/l

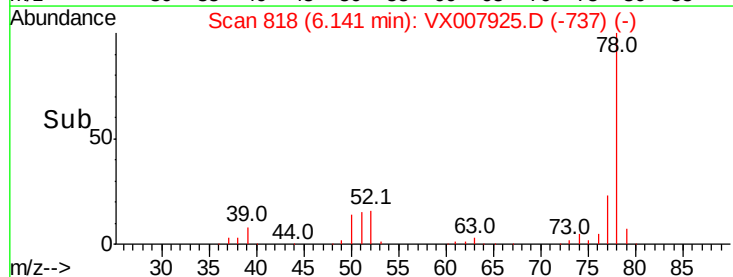
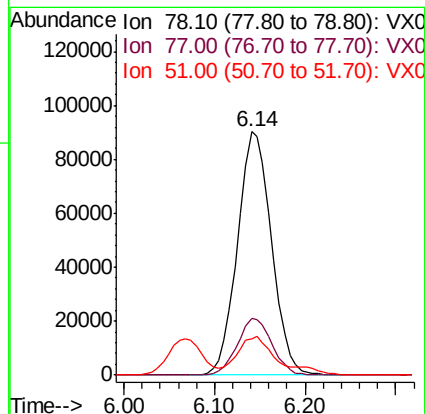
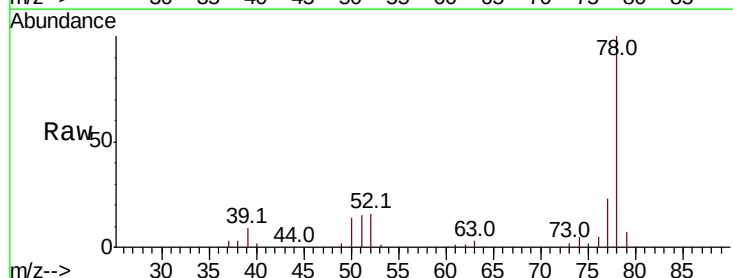
RT: 6.14 min Scan# 818

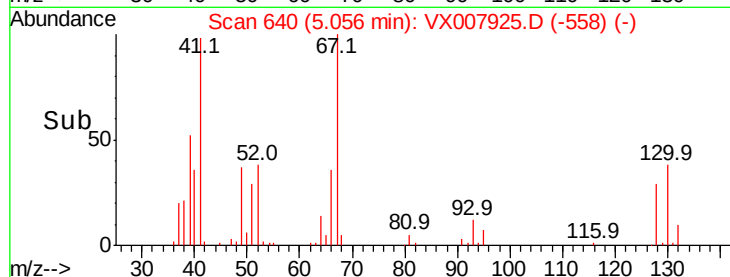
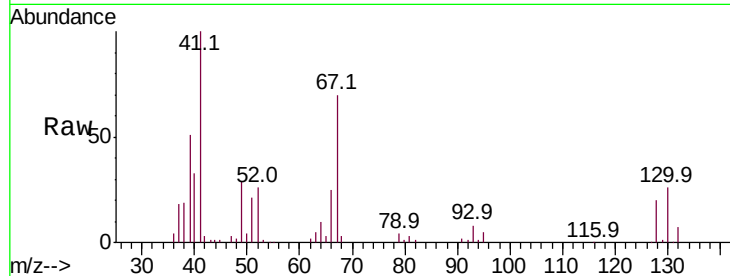
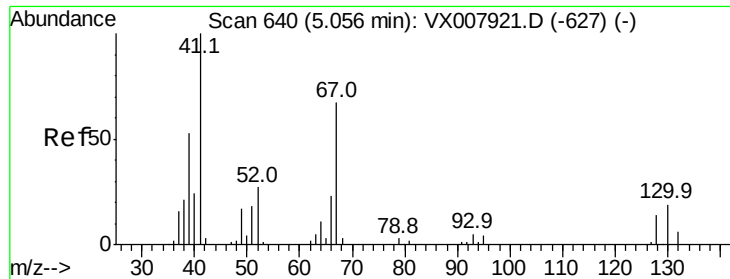
Delta R.T. -0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion: 78 Resp: 234725
 Ion Ratio Lower Upper
 78 100
 77 23.3 19.1 28.7
 51 14.8 10.8 16.2





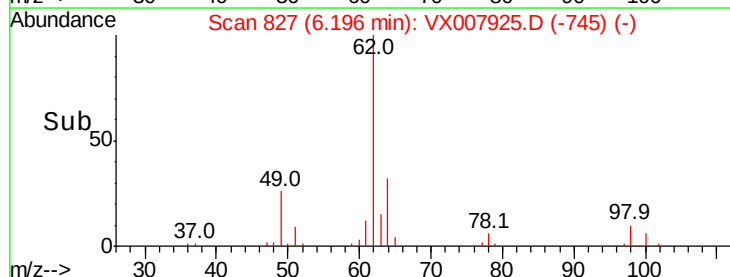
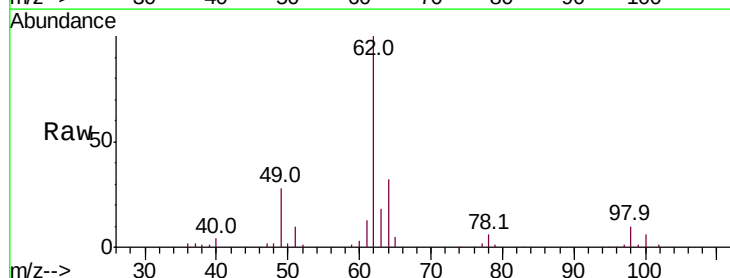
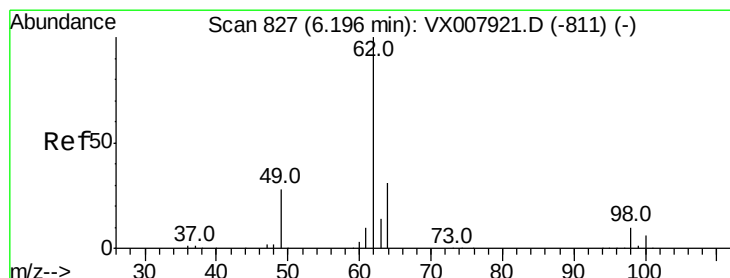
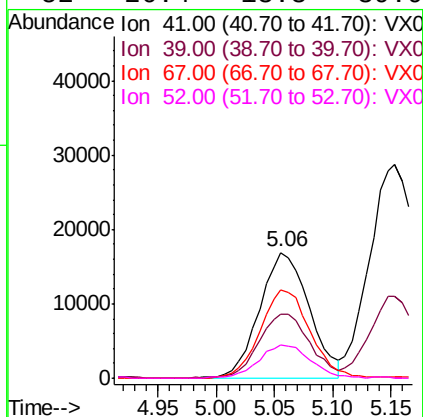
#35
Methacrylonitrile
Concen: 18.662 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.1	27.4	82.0
67	70.2	37.9	113.6
52	26.4	13.3	39.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

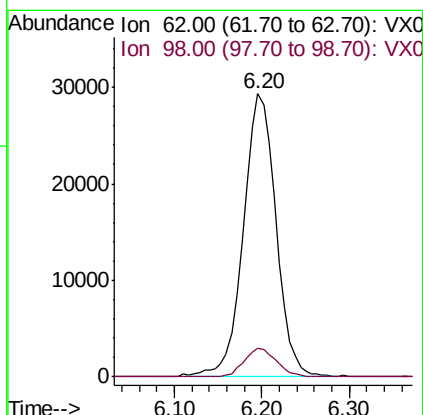
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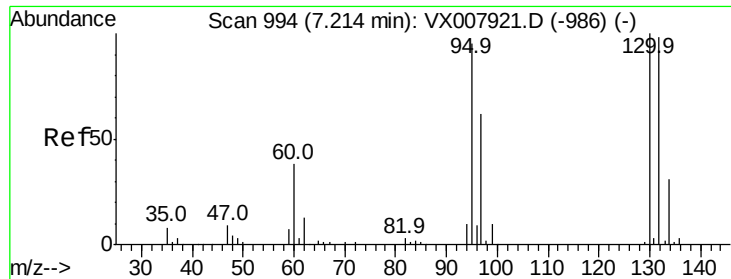
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#36
1,2-Dichloroethane
Concen: 18.921 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.8	11.8





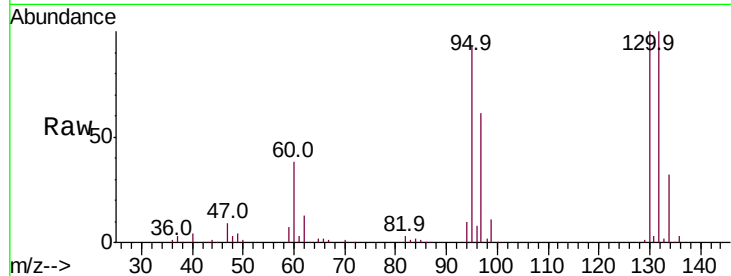
#37
 Trichloroethene
 Concen: 18.862 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

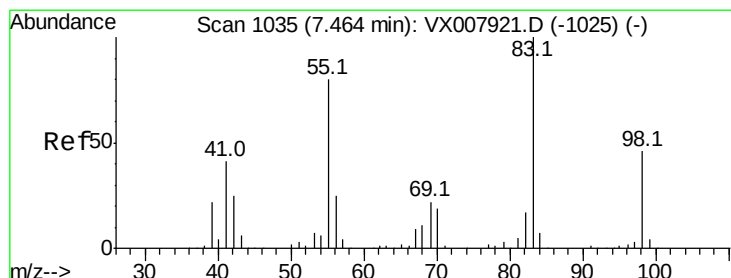
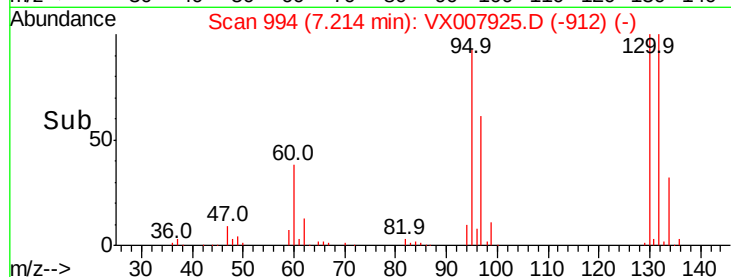
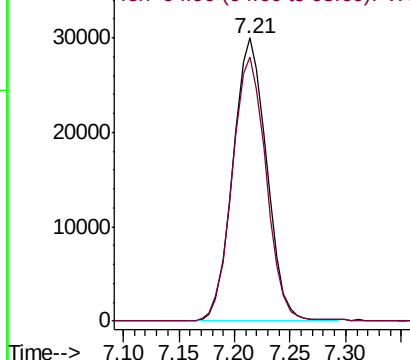
Tot Ion:130 Resp: 63092
 Ion Ratio Lower Upper
 130 100
 95 93.5 71.3 106.9

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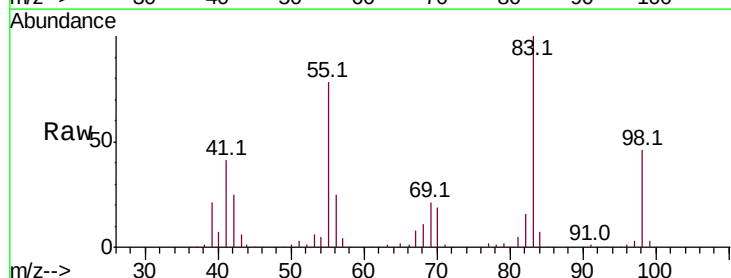


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

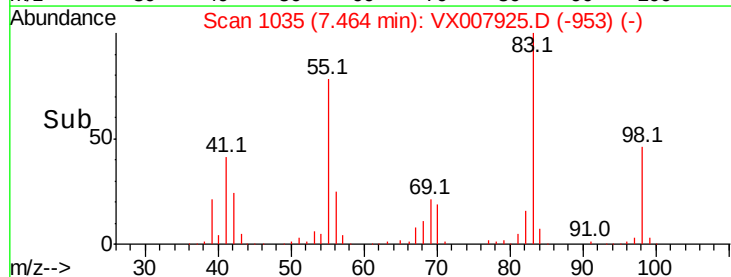
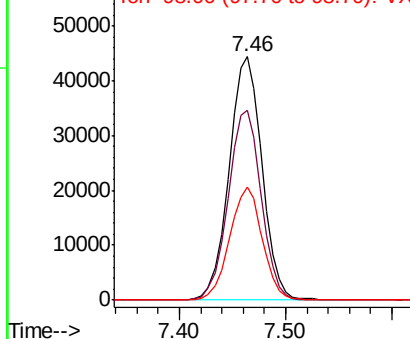


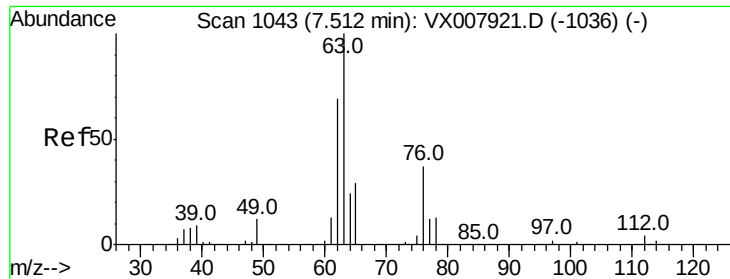
#38
 Methylcyclohexane
 Concen: 18.755 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 83 Resp: 96063
 Ion Ratio Lower Upper
 83 100
 55 78.2 36.0 108.0
 98 46.2 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





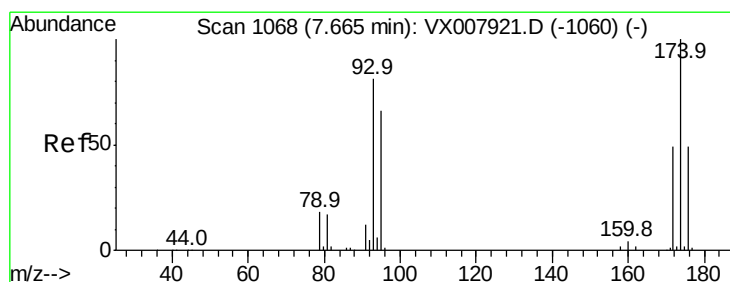
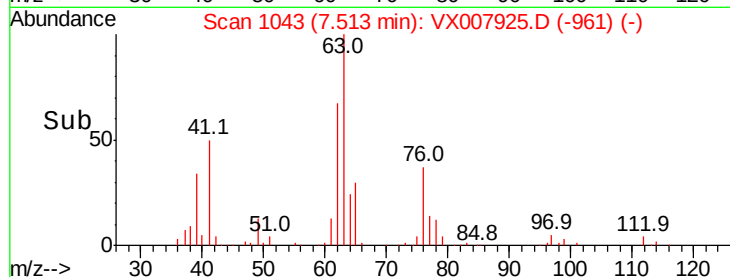
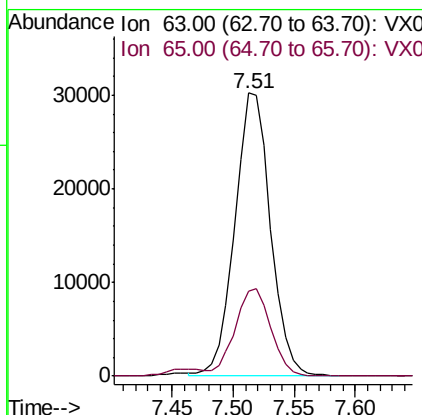
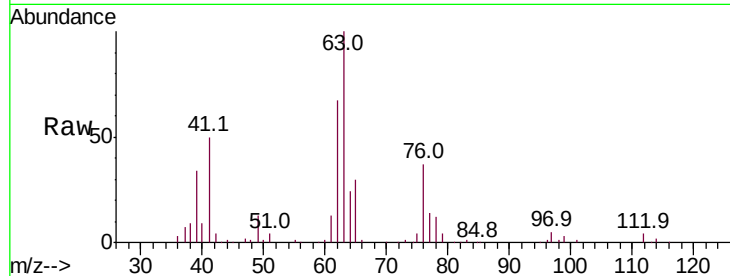
#39
 1,2-Dichloropropane
 Concen: 18.903 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Tot Ion: 63 Resp: 60863
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 37.0

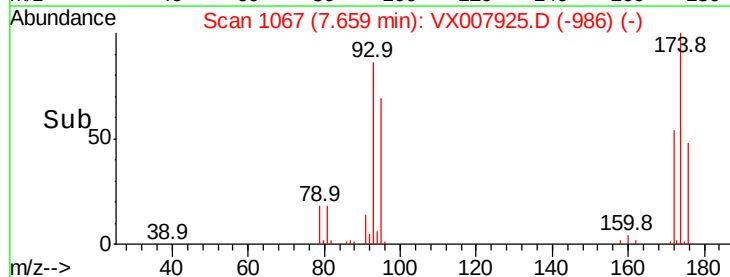
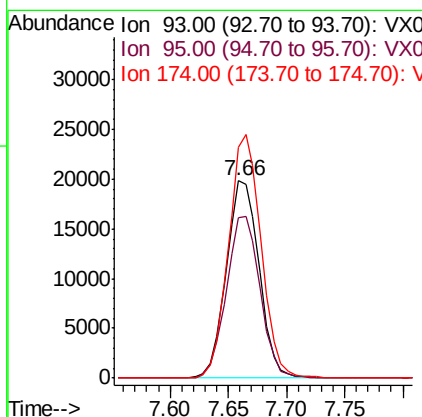
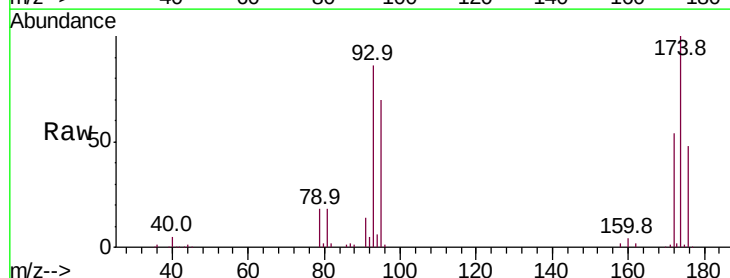
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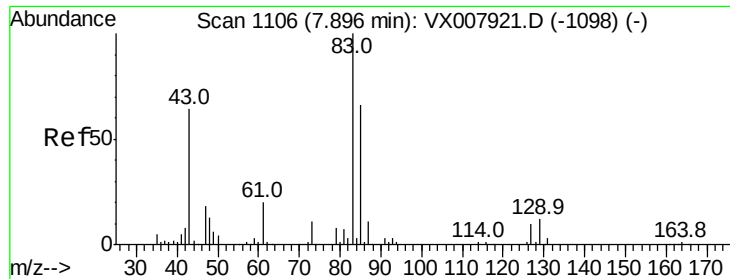
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#40
 Dibromomethane
 Concen: 19.062 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion: 93 Resp: 38931
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 158.8
 174 122.1 0.0 224.2





#41

Bromodichloromethane

Concen: 18.571 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

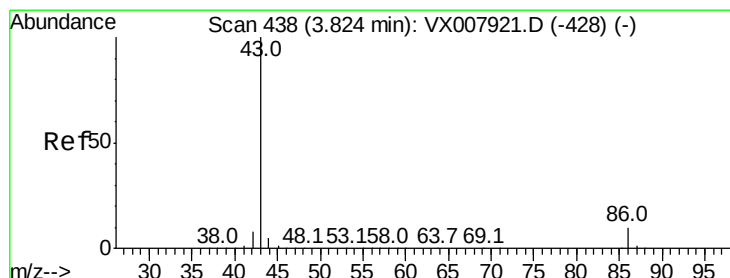
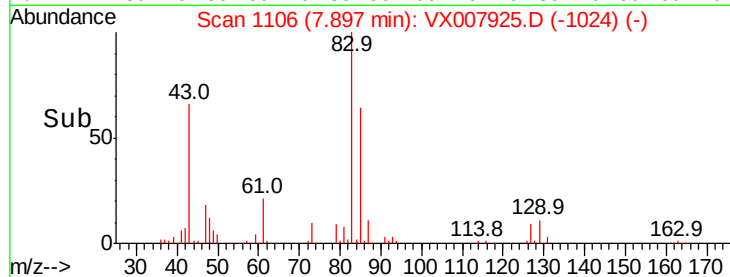
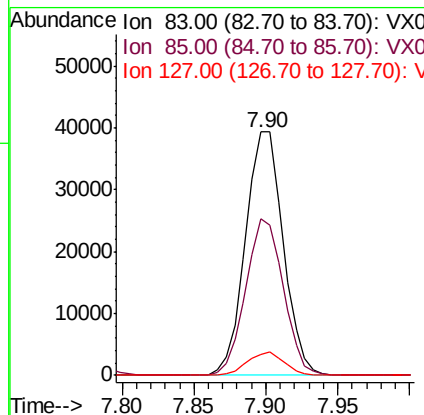
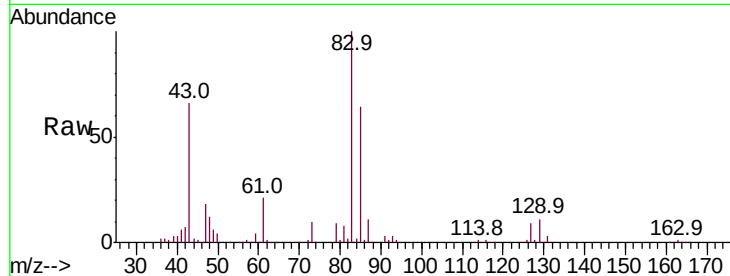
ClientSampleId :

ICVVX030819

Tot Ion:	83	Resp:	71692
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.1	76.7
127	8.7	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 97.588 ug/l

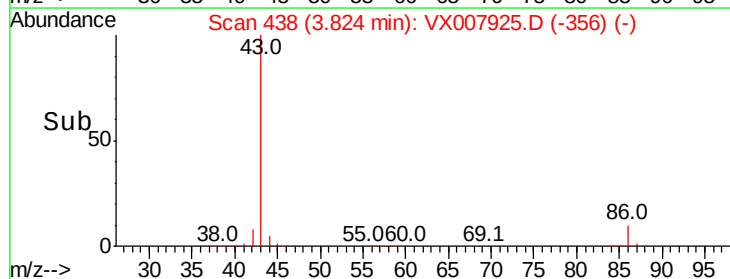
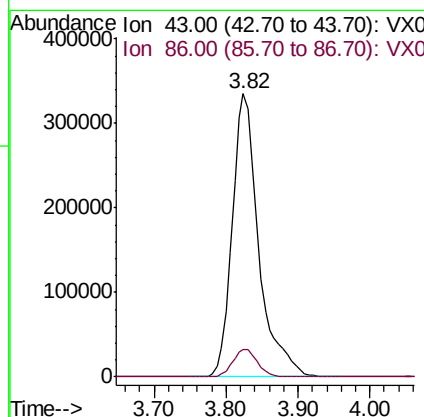
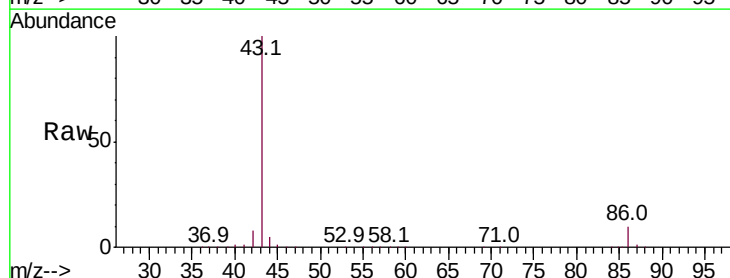
RT: 3.82 min Scan# 438

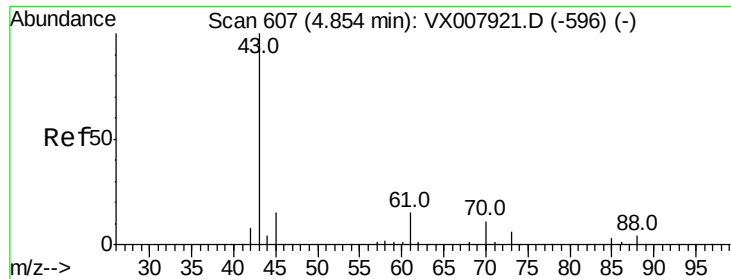
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	43	Resp:	858342
Ion	Ratio	Lower	Upper
43	100		
86	9.0	8.2	12.2





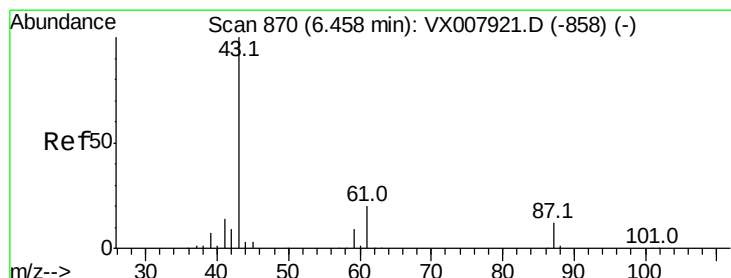
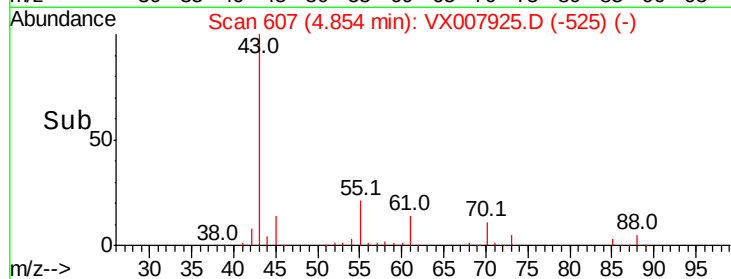
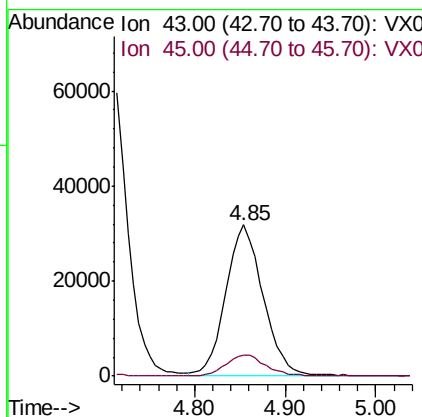
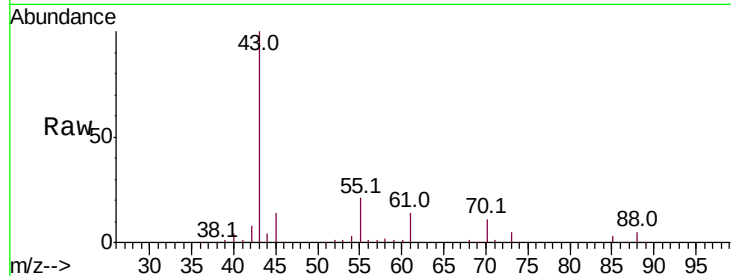
#43
Ethyl Acetate
Concen: 18.962 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion: 43 Resp: 89745
Ion Ratio Lower Upper
43 100
45 15.0 6.9 10.3#

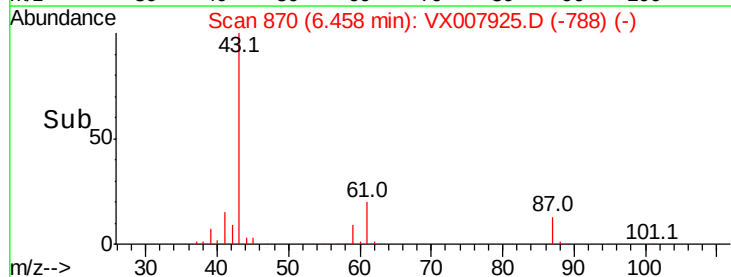
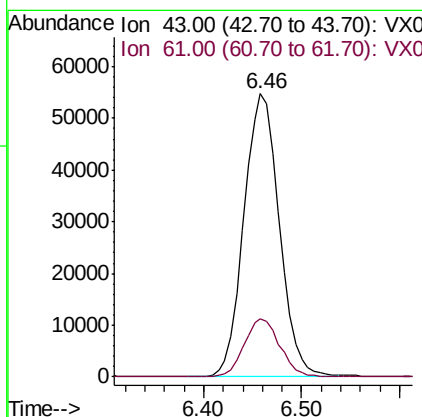
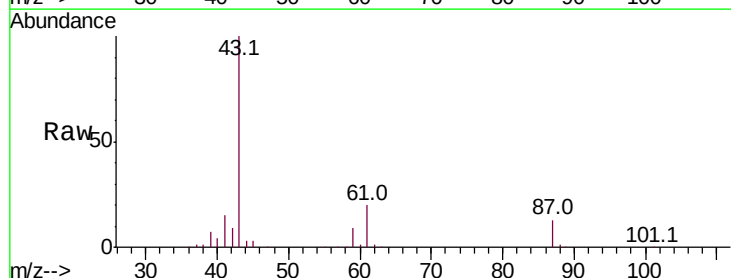
Manual Integrations
APPROVED

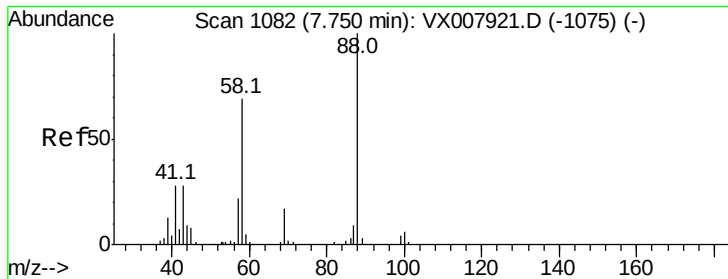
MMDadoda
3/11/2019 9:31:08 AM



#44
Isopropyl Acetate
Concen: 19.049 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion: 43 Resp: 137559
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1





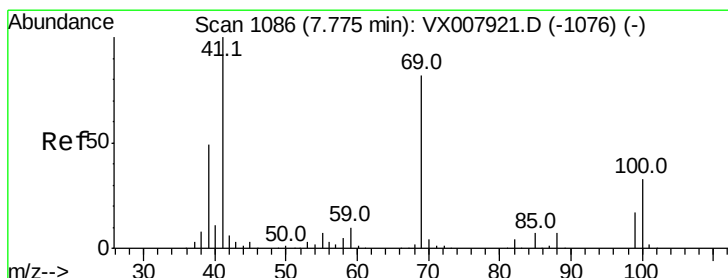
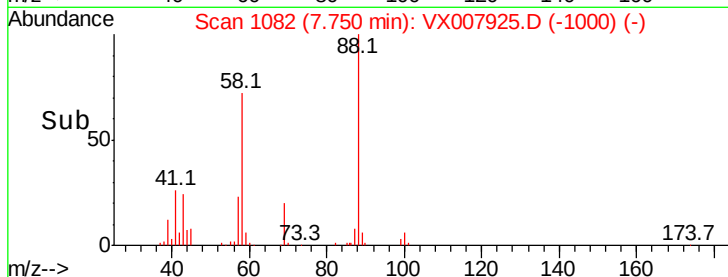
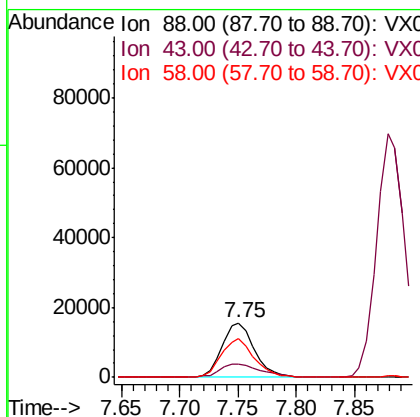
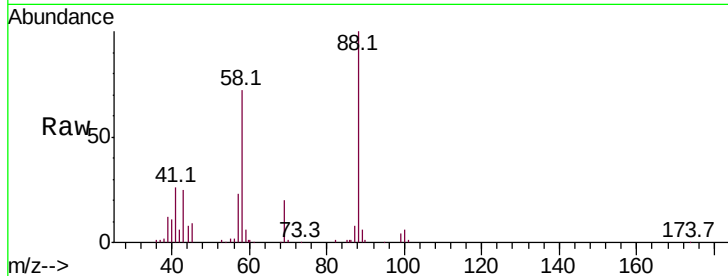
#45
1,4-Dioxane
Concen: 399.120 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.6	35.4
58	72.9	51.6	77.4

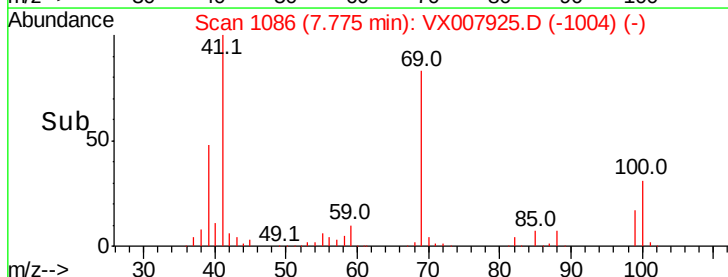
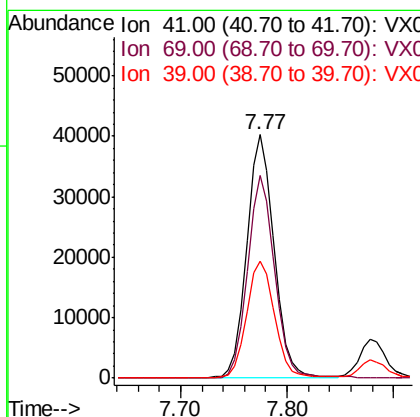
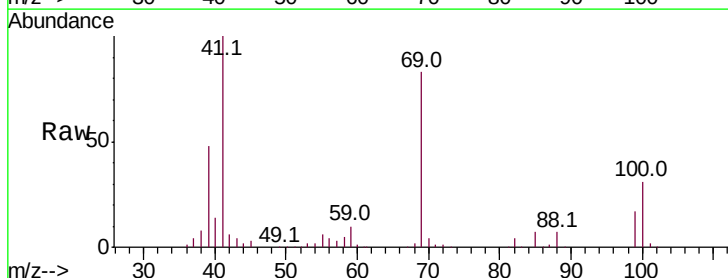
Manual Integrations
APPROVED

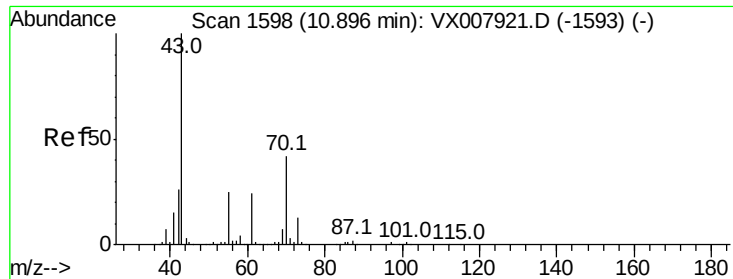
MMDadoda
3/11/2019 9:31:08 AM



#46
Methyl methacrylate
Concen: 19.008 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.3	44.2	132.6
39	48.2	29.9	89.8





#47

n-amvl Acetate

Concen: 19.204 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 43 Resp: 119495

Ion Ratio Lower Upper

43 100

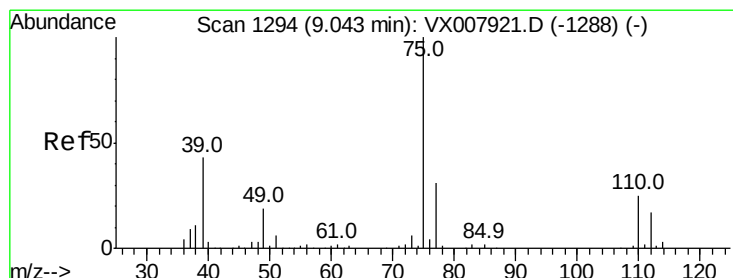
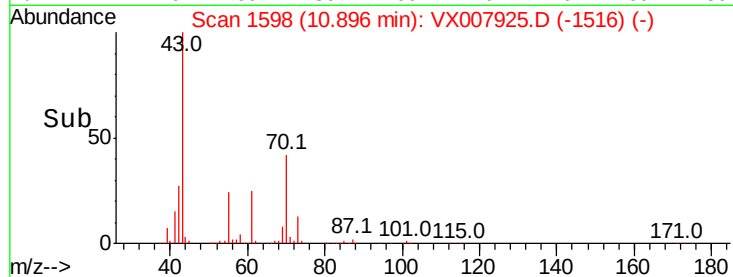
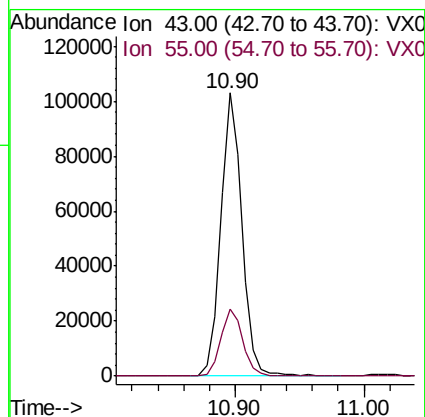
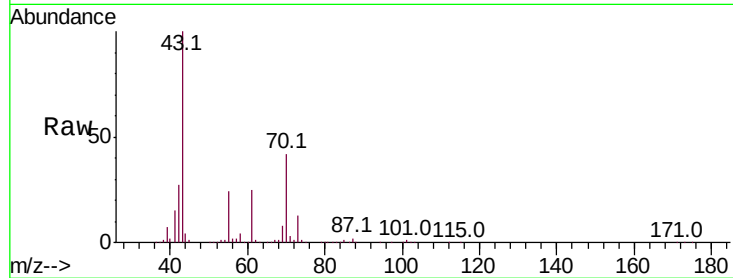
55 25.0 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

3/11/2019 9:31:08 AM



#48

t-1,3-Dichloropropene

Concen: 18.360 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007925.D

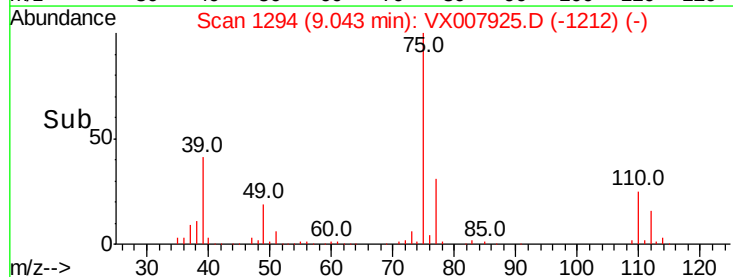
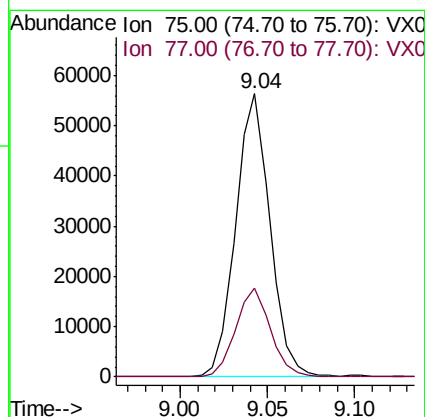
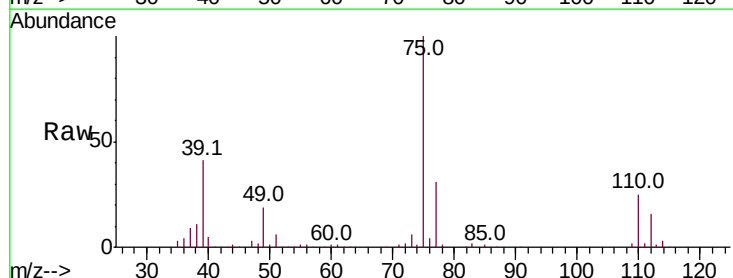
Acq: 08 Mar 2019 12:06

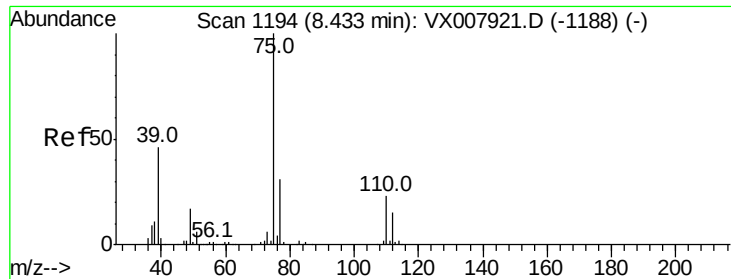
Tgt Ion: 75 Resp: 76760

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7





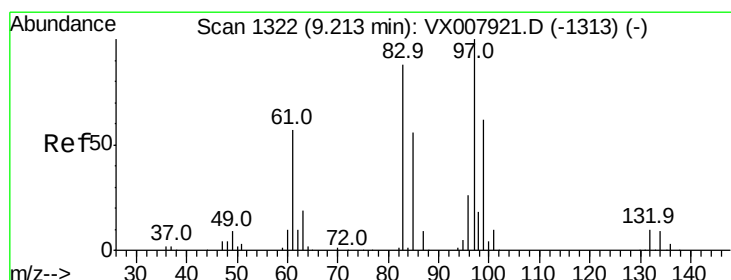
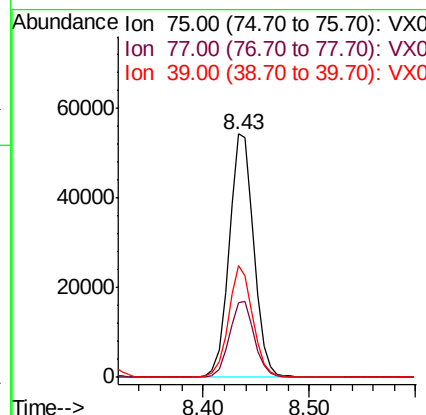
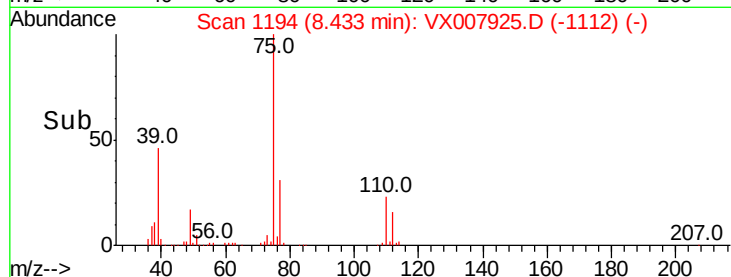
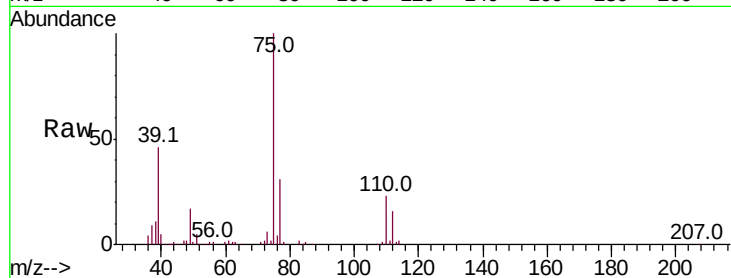
#49
 cis-1,3-Dichloropropene
 Concen: 18.571 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	45.8	38.5	57.7

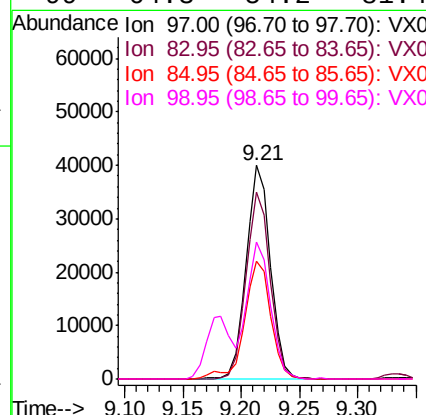
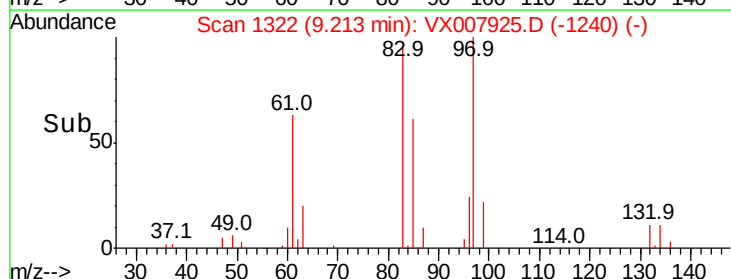
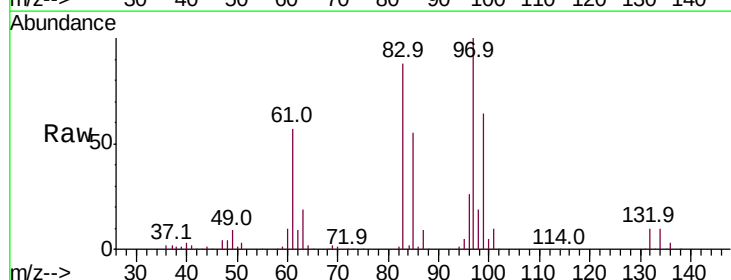
Manual Integrations
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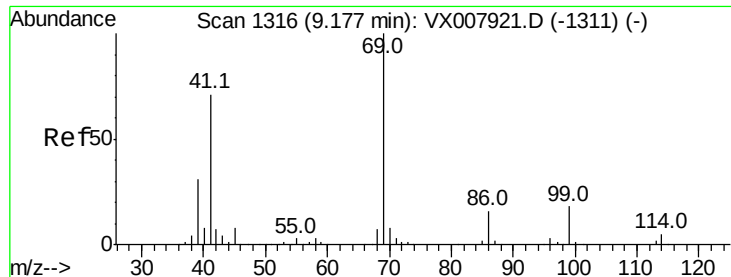
MMDadoda
 3/11/2019 9:31:08 AM



#50
 1,1,2-Trichloroethane
 Concen: 18.745 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.0	108.0
85	55.2	45.0	67.6
99	64.3	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.217 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

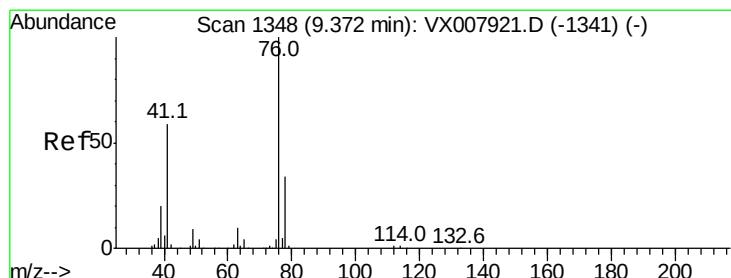
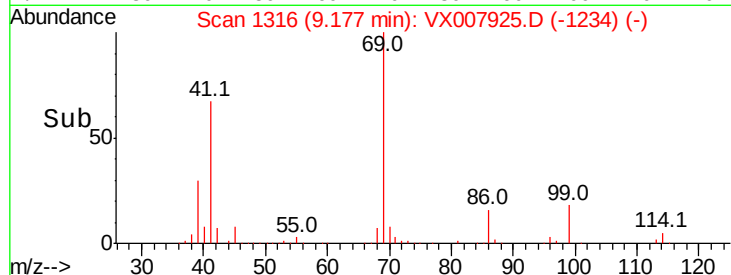
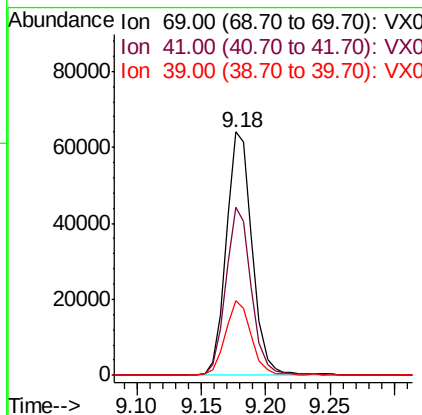
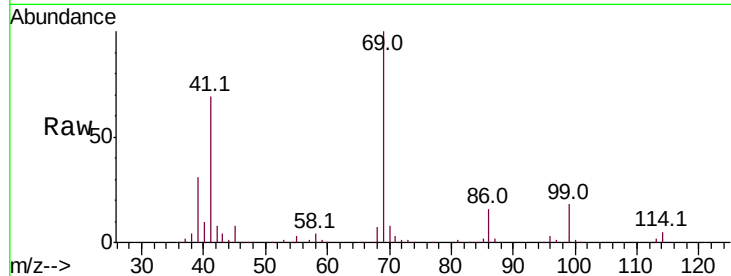
ClientSampleId :

ICVVX030819

Tot Ion:	69	Resp:	90726
Ion Ratio	Lower	Upper	
69	100		
41	68.7	32.1	96.5
39	30.7	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.027 ug/l

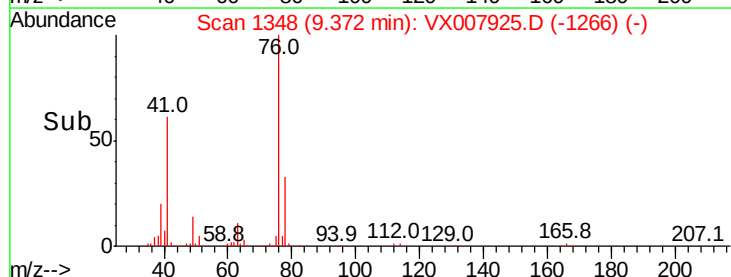
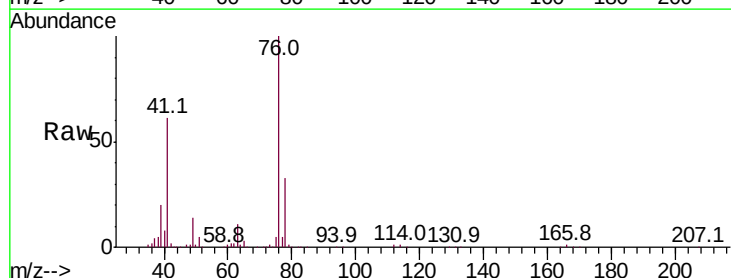
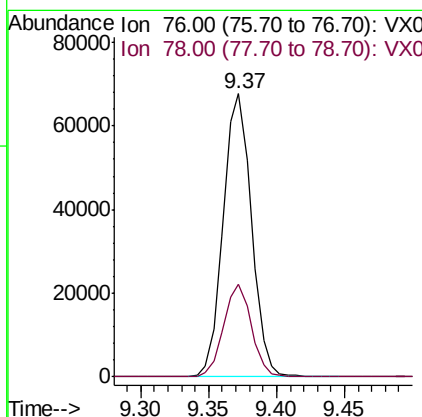
RT: 9.37 min Scan# 1348

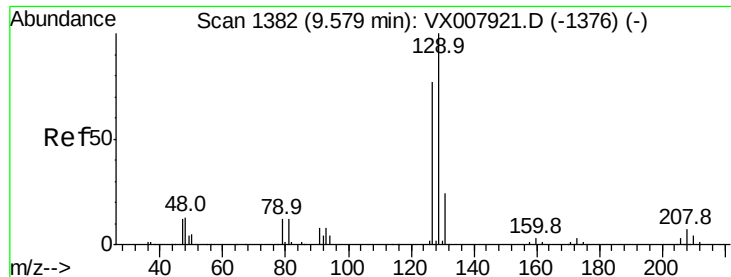
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	76	Resp:	97868
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	65.2





#53

Dibromochloromethane

Concen: 18.502 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion:129 Resp: 59247

Ion Ratio Lower Upper

129 100

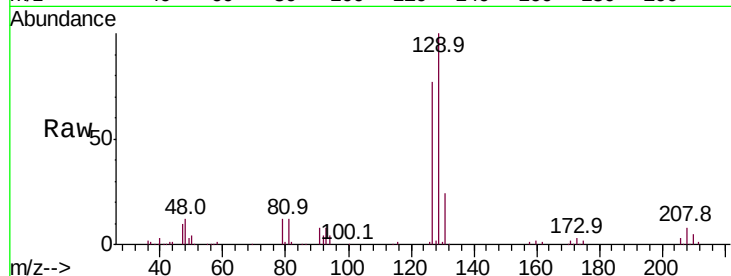
127 77.8 38.4 115.2

Manual Integrations

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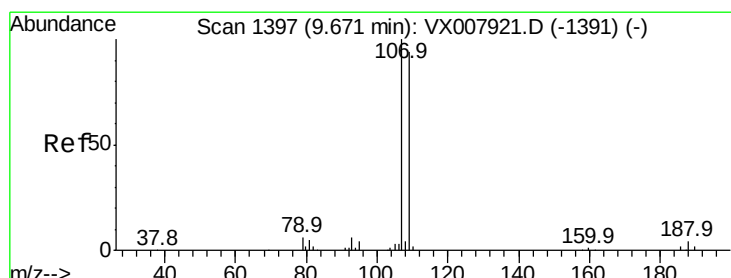
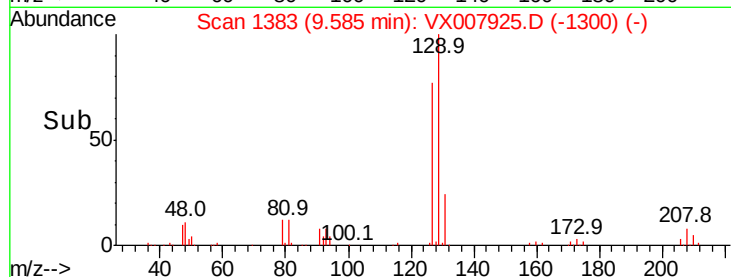
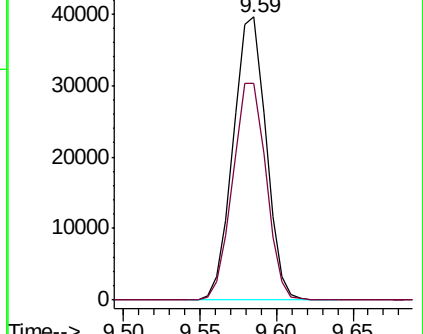
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.993 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007925.D

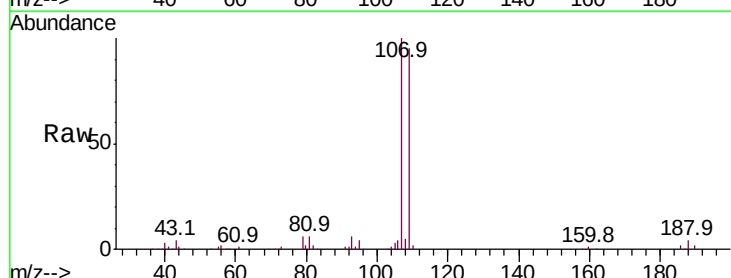
Acq: 08 Mar 2019 12:06

Tgt Ion:107 Resp: 61813

Ion Ratio Lower Upper

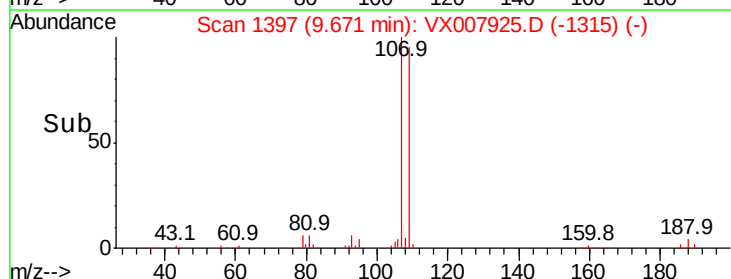
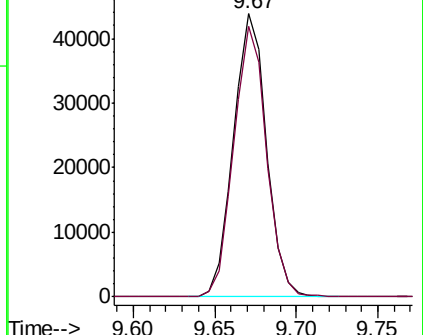
107 100

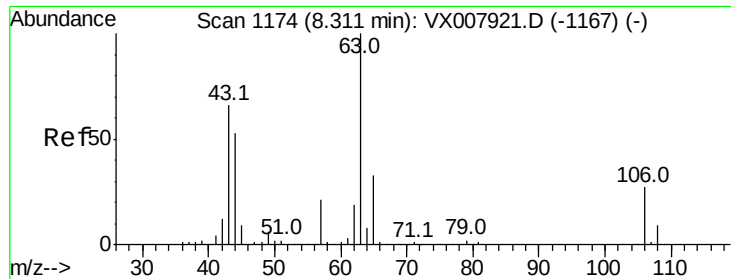
109 94.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





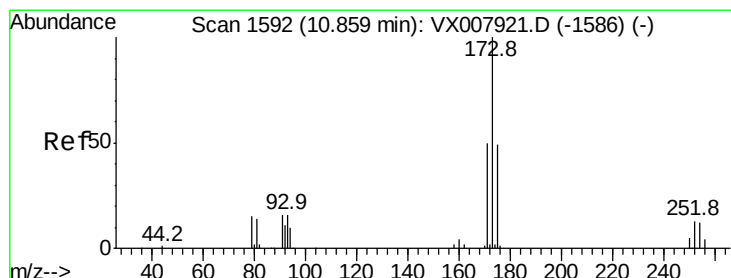
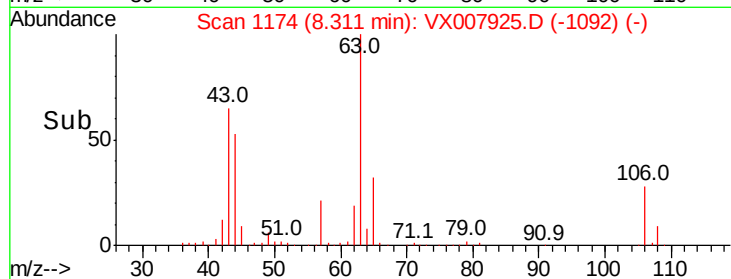
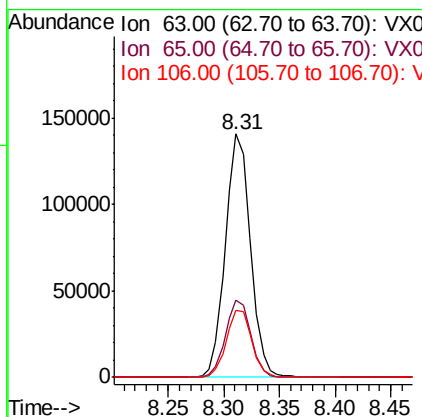
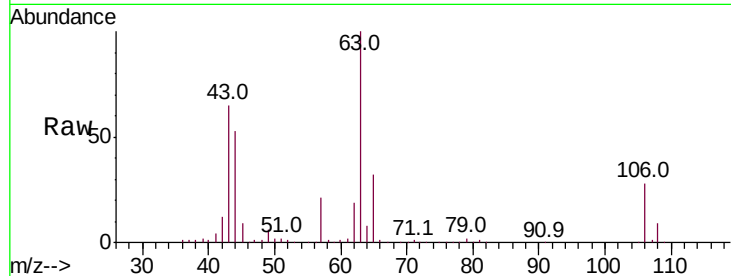
#55
2-Chloroethyl vinyl ether
Concen: 100.022 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.7	38.5
106	28.0	23.7	35.5

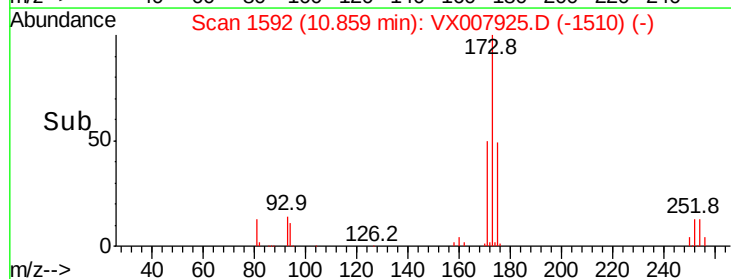
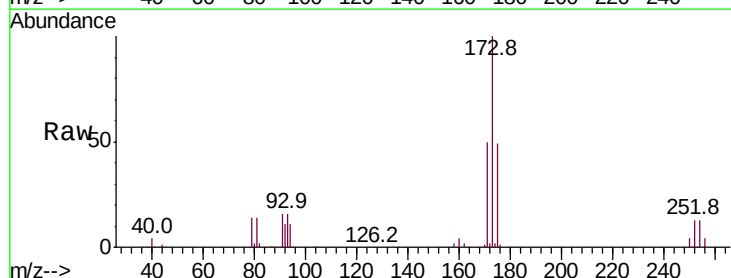
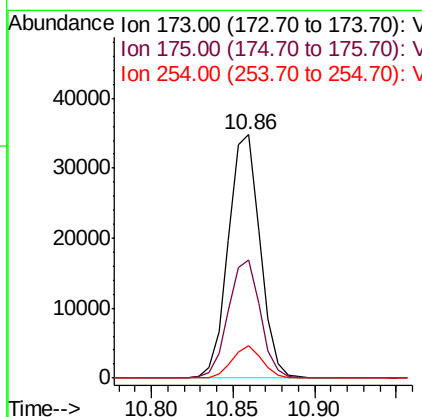
Manual Integrations
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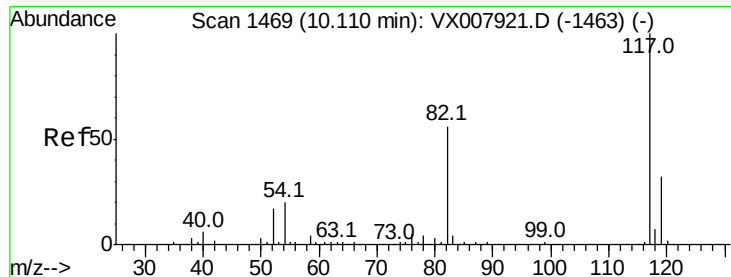
MMDadoda
3/11/2019 9:31:08 AM



#56
Bromoform
Concen: 18.448 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.5	57.7
254	12.4	7.4	11.2#





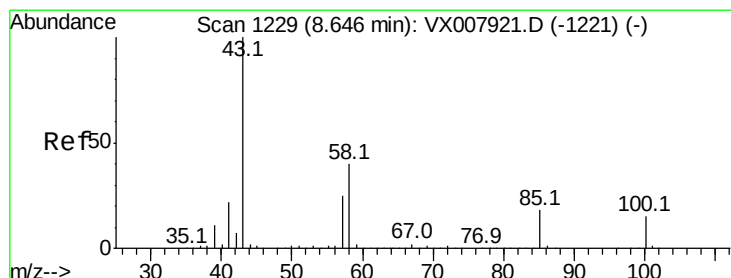
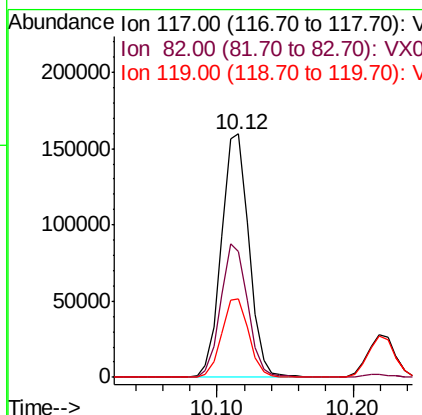
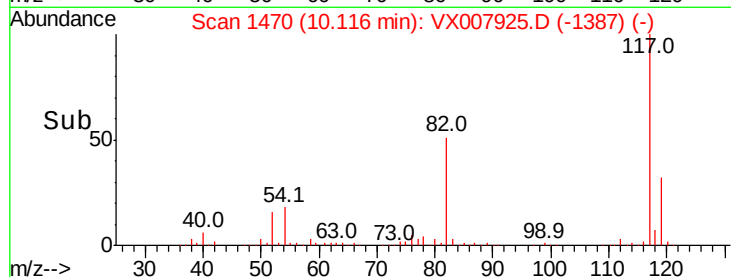
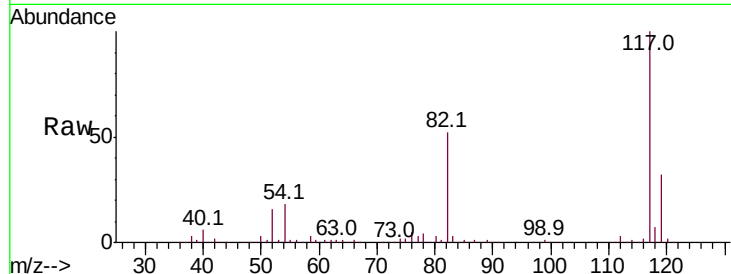
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Tot Ion:	117	Resp:	223411
Ion Ratio	Lower	Upper	
117	100		
82	53.9	40.4	60.6
119	32.3	25.8	38.6

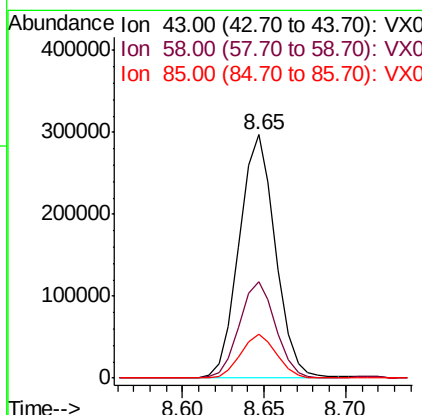
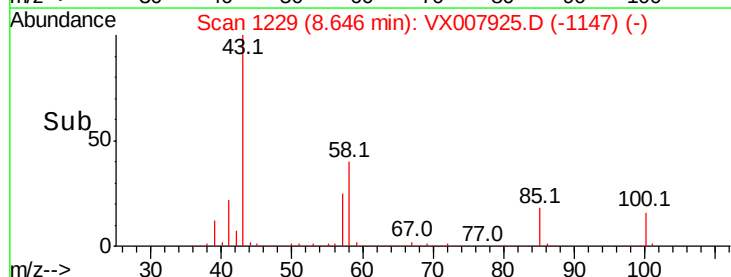
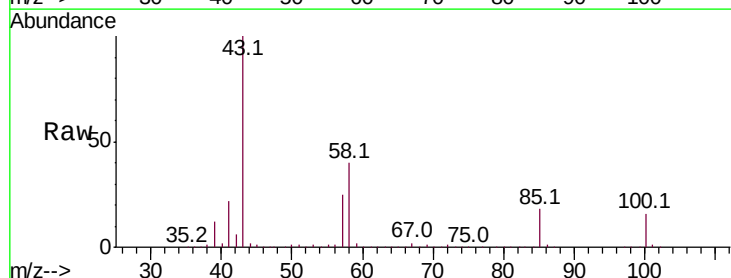
Manual Integrations
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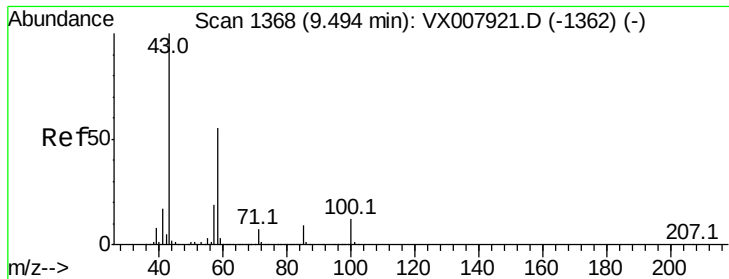
MMDadoda
 3/11/2019 9:31:08 AM



#58
 4-Methyl-2-Pentanone
 Concen: 99.902 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion:	43	Resp:	459522
Ion Ratio	Lower	Upper	
43	100		
58	39.7	31.4	47.0
85	17.9	15.0	22.6





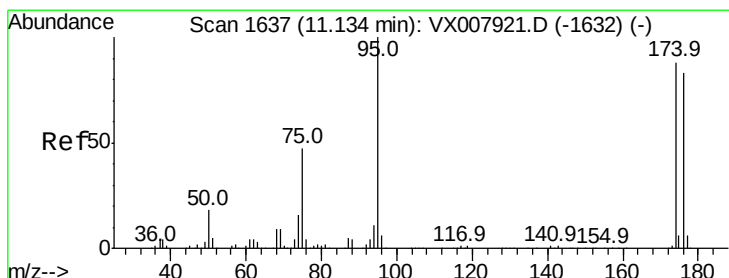
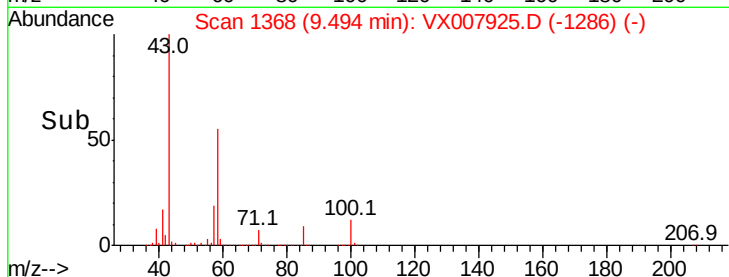
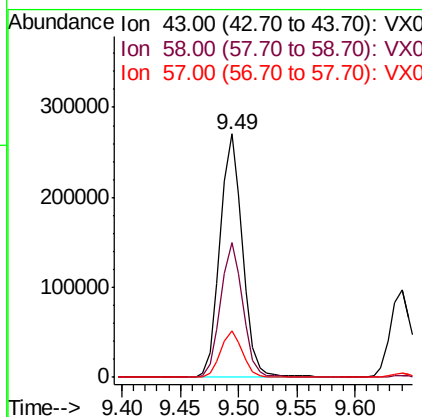
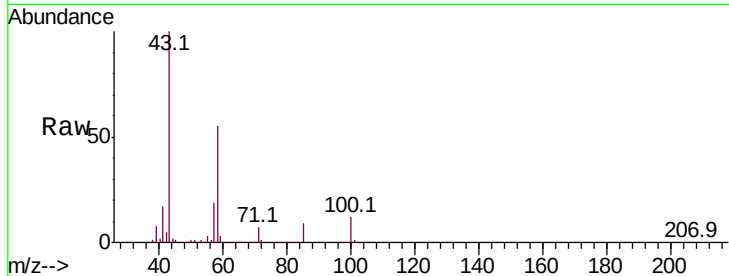
#59
2-Hexanone
Concen: 99.282 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.9	65.9
57	18.8	14.9	22.3

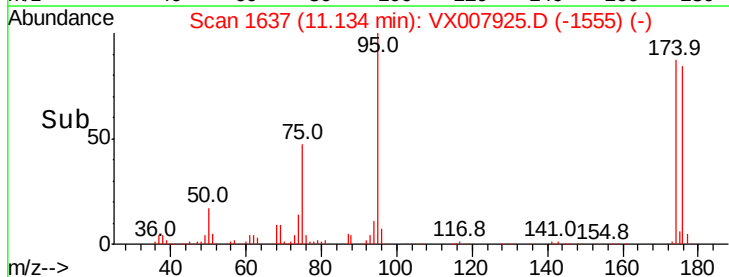
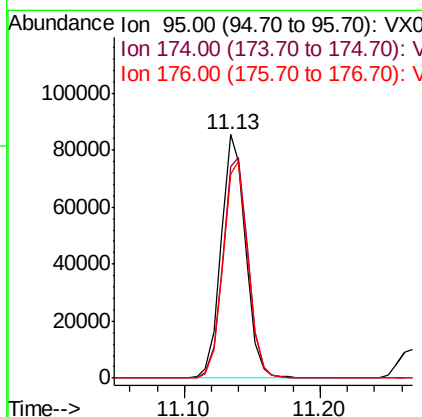
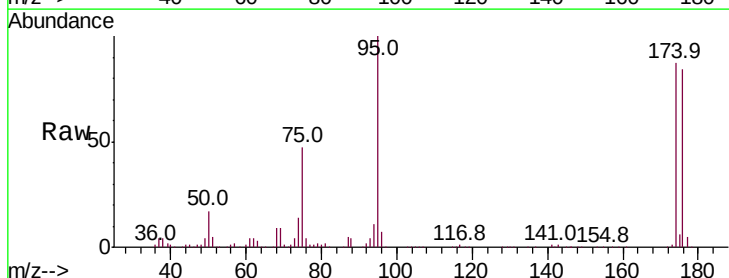
Manual Integrations
APPROVED

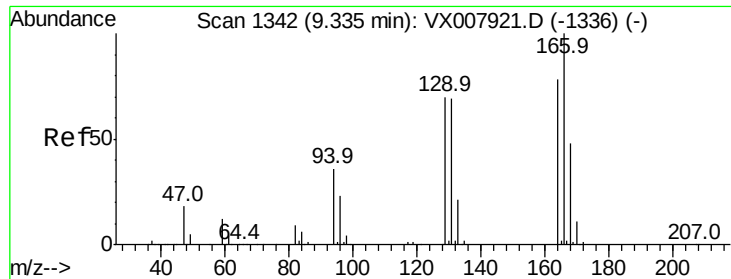
MMDadoda
3/11/2019 9:31:08 AM



#60
4-Bromofluorobenzene
Concen: 29.889 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.9	74.9	112.3
176	90.3	70.7	106.1





#61

Tetrachloroethene

Concen: 19.113 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion:164 Resp: 62288

Ion Ratio Lower Upper

164 100

166 130.2 103.9 155.9

129 90.5 74.7 112.1

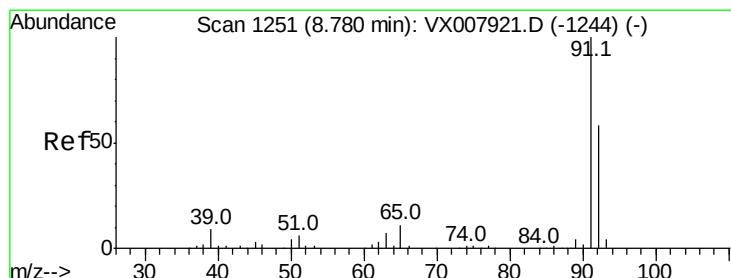
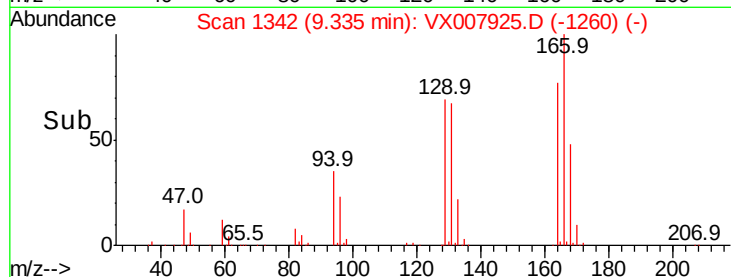
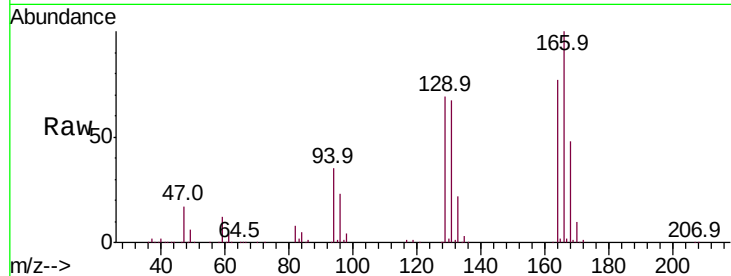
131 87.2 71.7 107.5

Manual Integrations

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3/11/2019 9:31:08 AM



#62

Toluene

Concen: 19.303 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007925.D

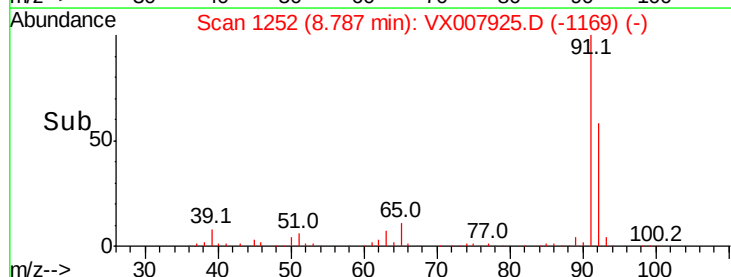
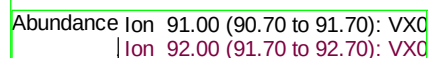
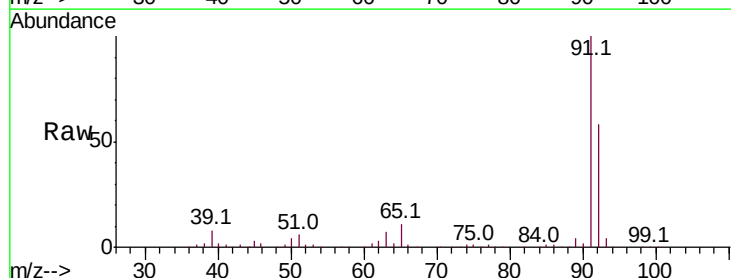
Acq: 08 Mar 2019 12:06

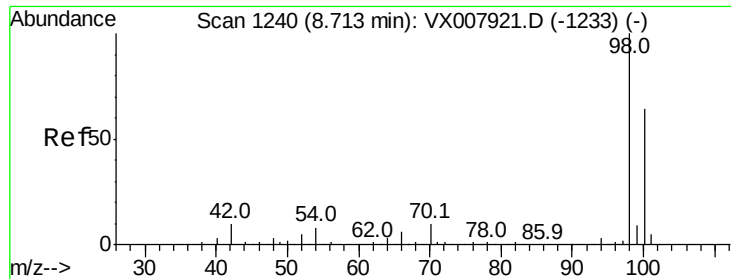
Tgt Ion: 91 Resp: 251813

Ion Ratio Lower Upper

91 100

92 57.4 46.4 69.6





#63

Toluene-d8

Concen: 30.062 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion: 98 Resp: 307359

Ion Ratio Lower Upper

98 100

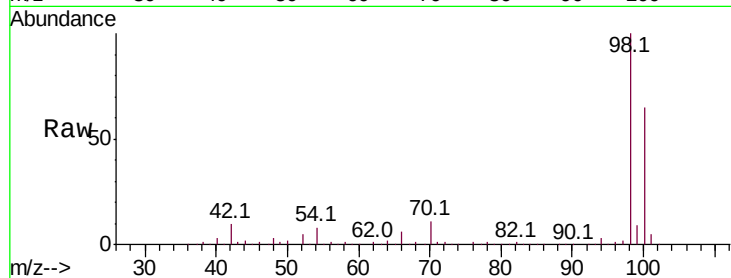
100 65.5 50.9 76.3

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX007921.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX007921.D (-1233) (-)

8.71

200000

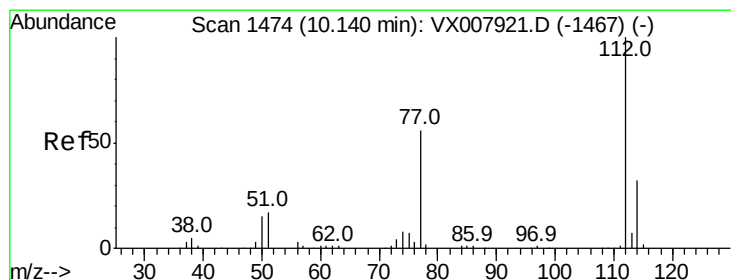
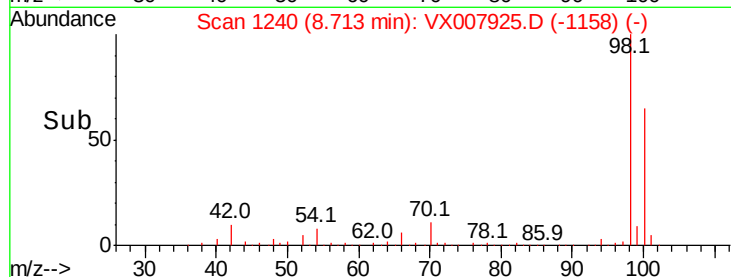
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 19.341 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007925.D

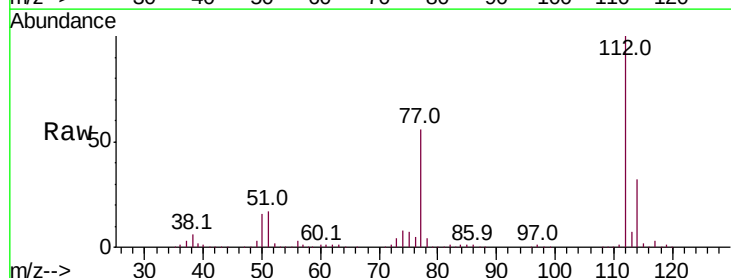
Acq: 08 Mar 2019 12:06

Tgt Ion: 112 Resp: 160808

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX007921.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX007921.D (-1467) (-)

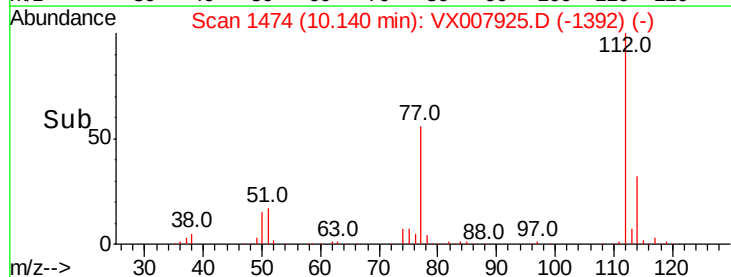
10.14

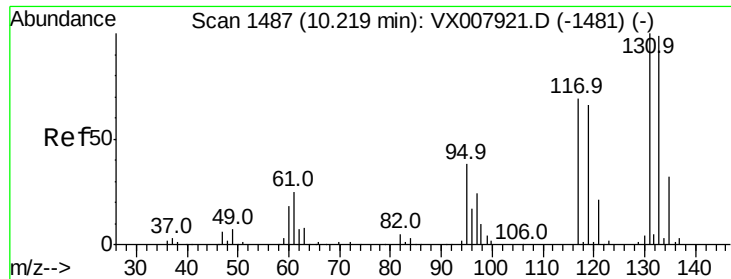
100000

50000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.115 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

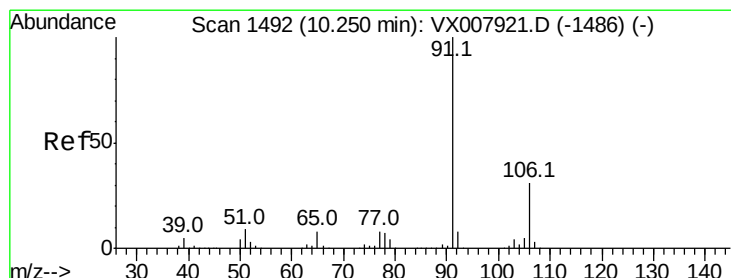
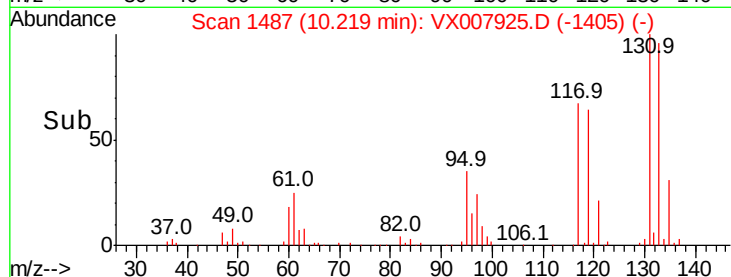
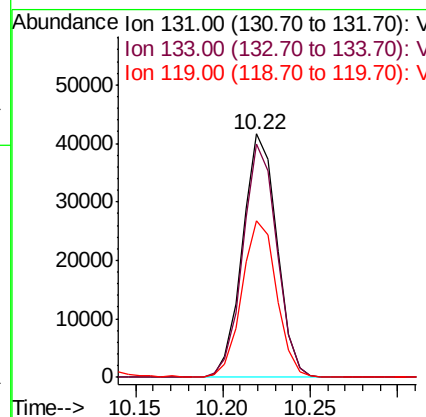
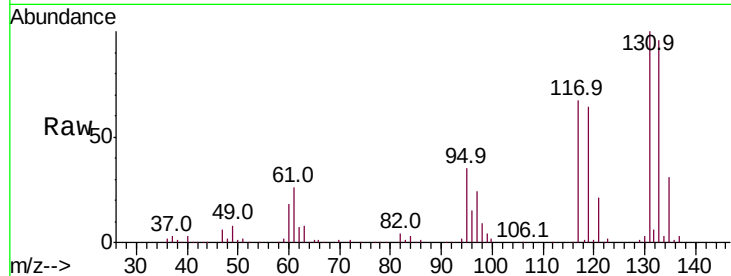
ClientSampleId :

ICVVX030819

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	0.0	191.6
119	64.9	0.0	127.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.045 ug/l

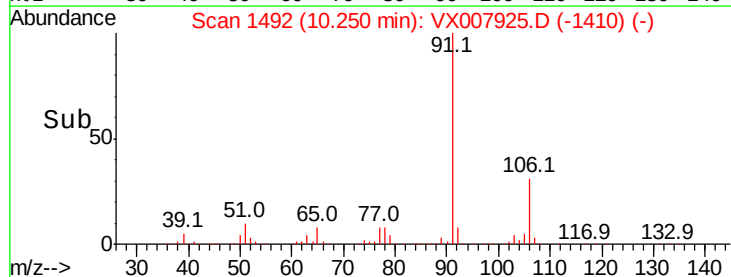
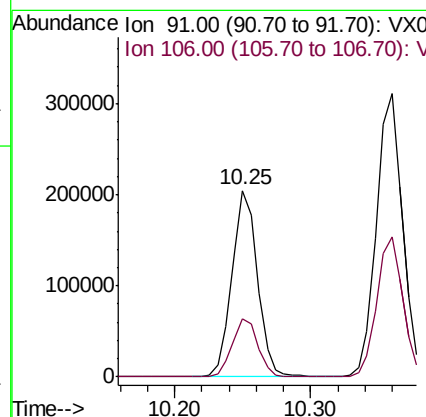
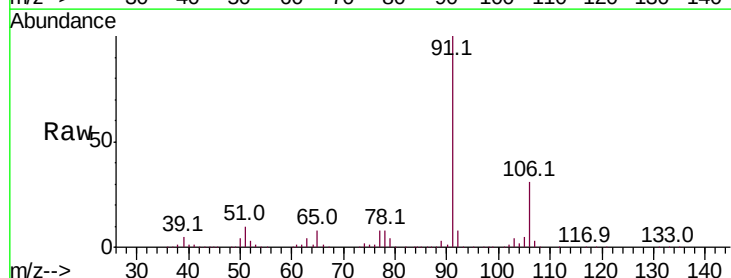
RT: 10.25 min Scan# 1492

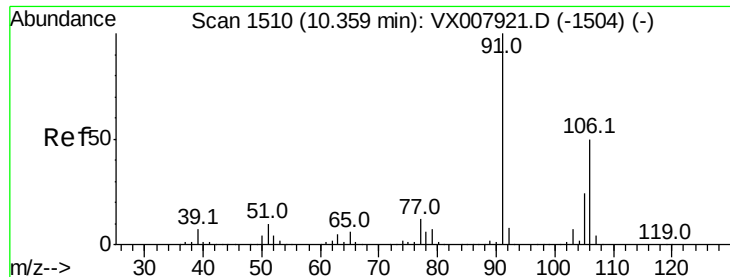
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	26.0	39.0





#67

m/p-Xylenes

Concen: 38.310 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030819

Tot Ion:106 Resp: 205839

Ion Ratio Lower Upper

106 100

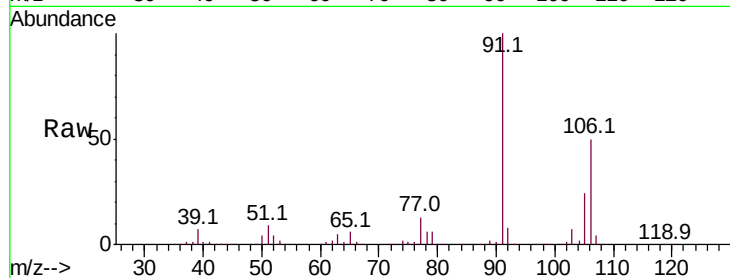
91 201.9 157.0 235.4

Manual Integrations

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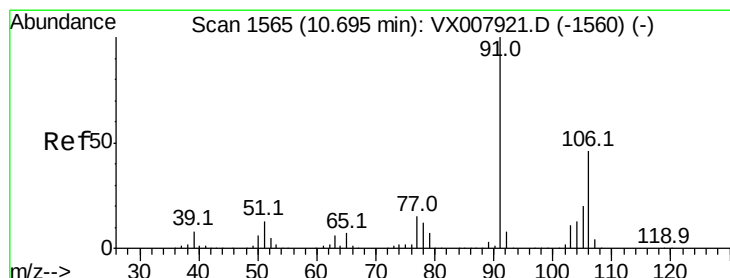
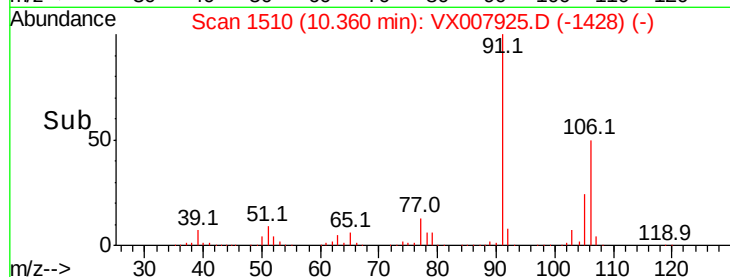
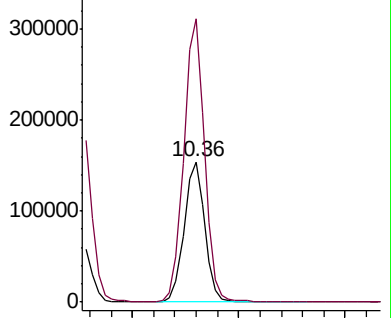
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3/11/2019 9:31:08 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.233 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007925.D

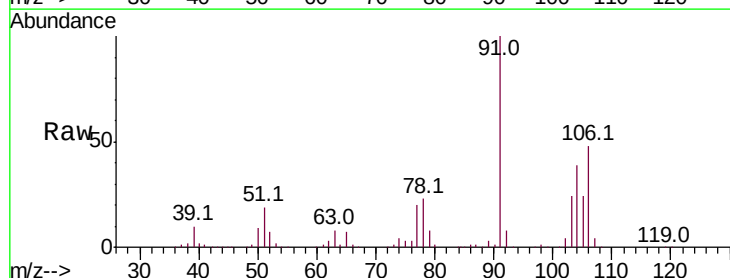
Acq: 08 Mar 2019 12:06

Tgt Ion:106 Resp: 100343

Ion Ratio Lower Upper

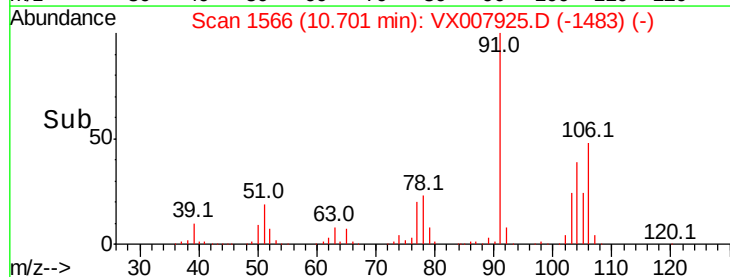
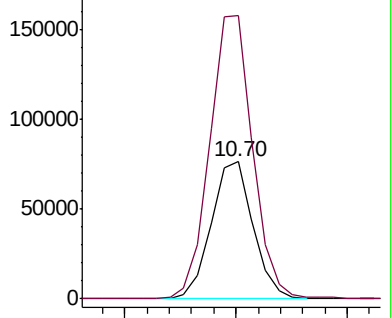
106 100

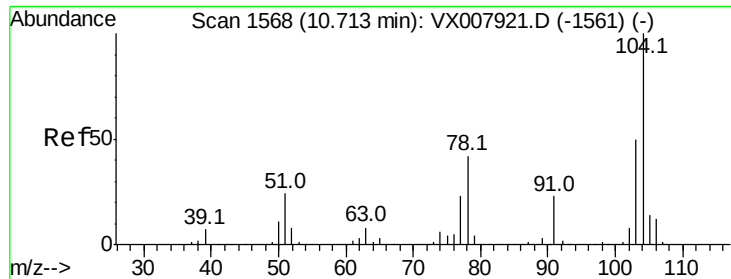
91 211.6 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





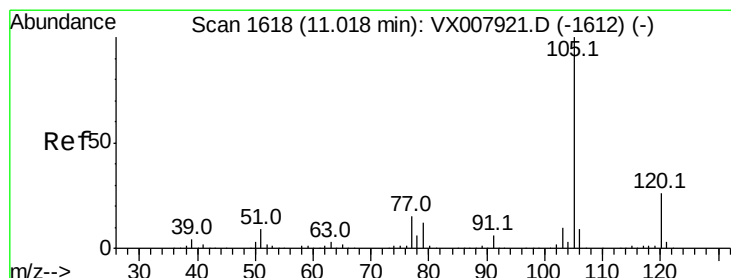
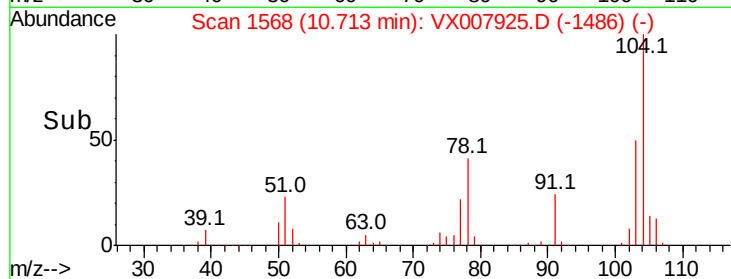
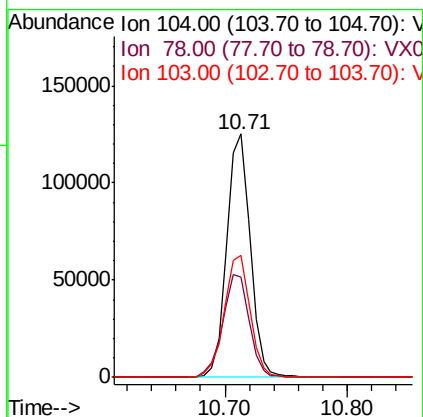
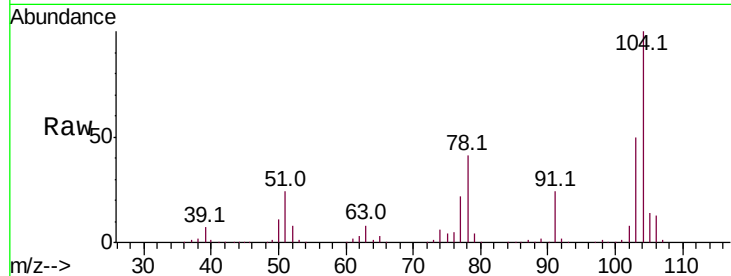
#69
Stvrene
Concen: 19.351 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.2	57.2
103	55.1	45.0	67.4

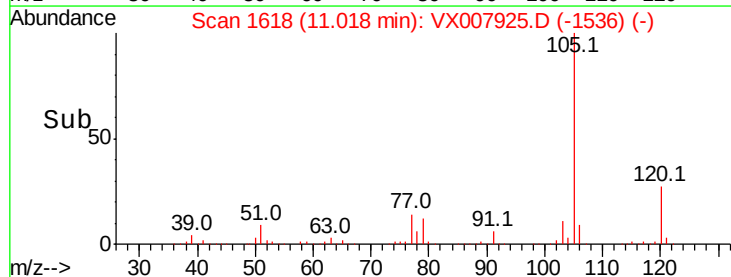
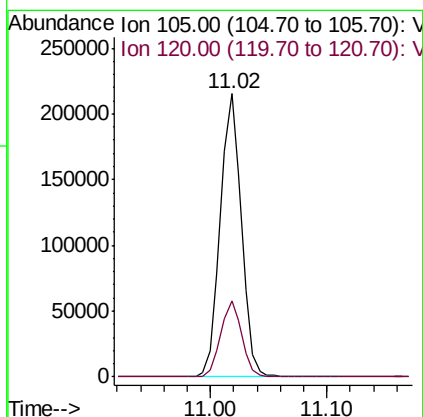
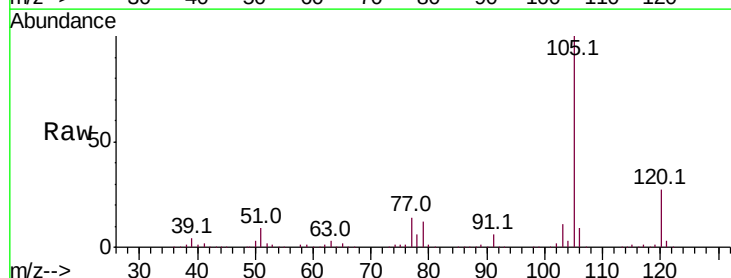
Manual Integrations
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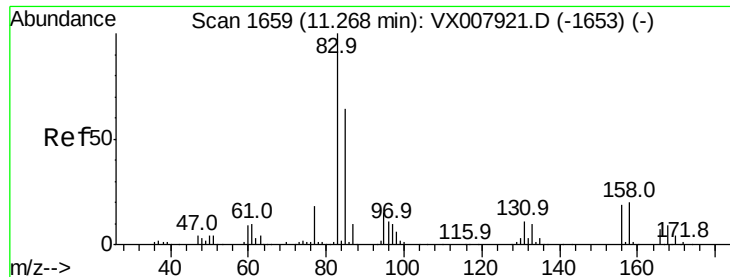
MMDadoda
3/11/2019 9:31:08 AM



#70
Isopropylbenzene
Concen: 19.295 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	19.8	36.8





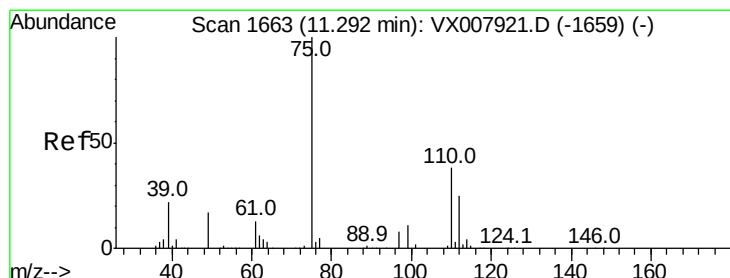
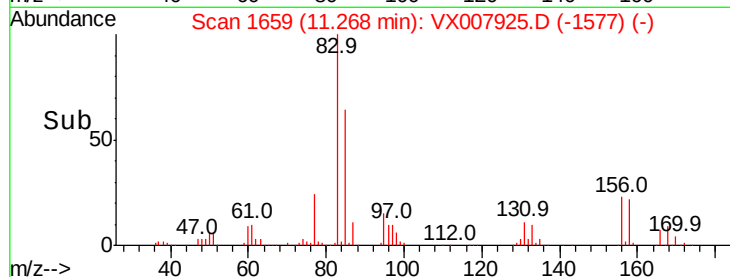
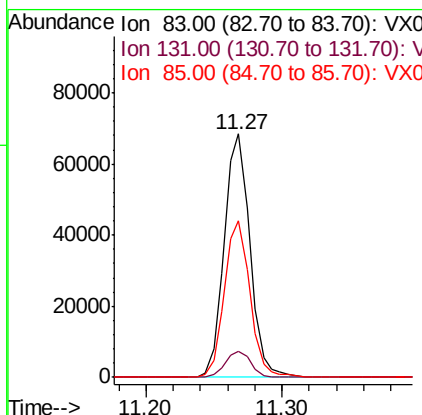
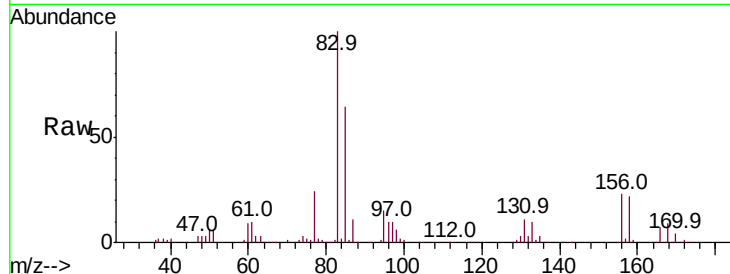
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.570 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030819

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	64.1	32.8	98.4

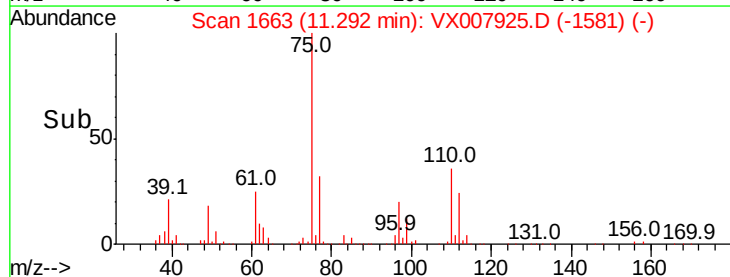
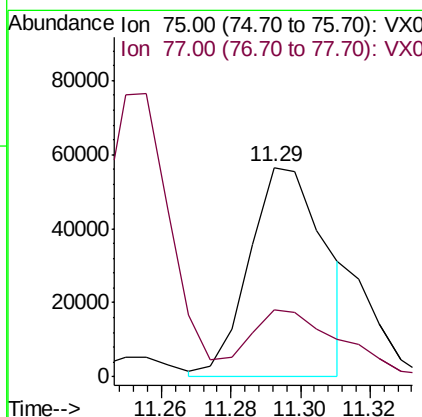
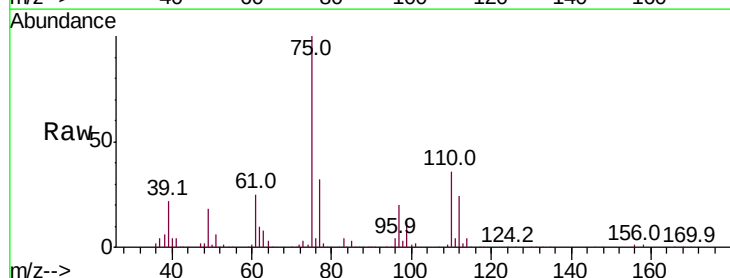
Manual Integrations
 APPROVED

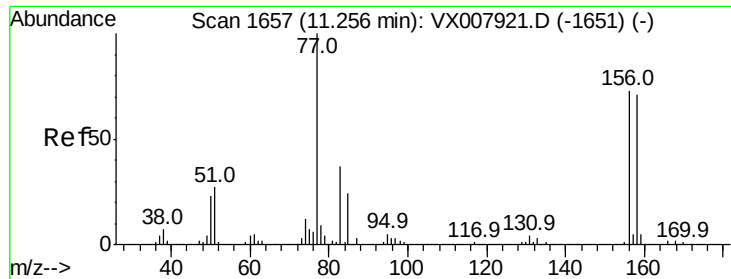
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 3/11/2019 9:31:08 AM



#72
 1,2,3-Trichloropropane
 Concen: 19.757 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.2	0.0	76.4





#73

Bromobenzene

Concen: 19.635 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

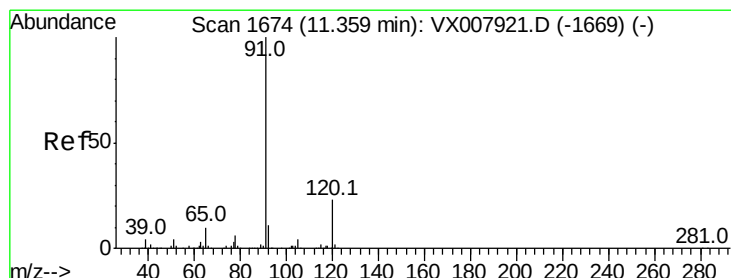
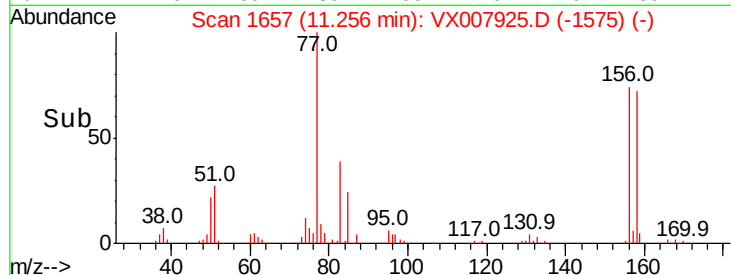
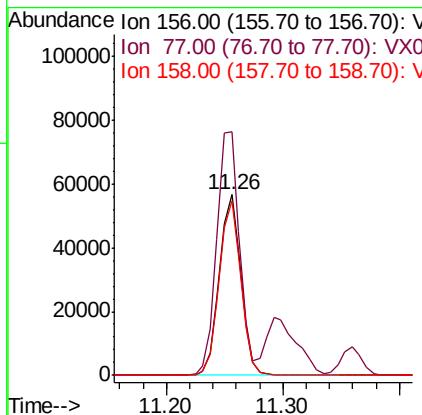
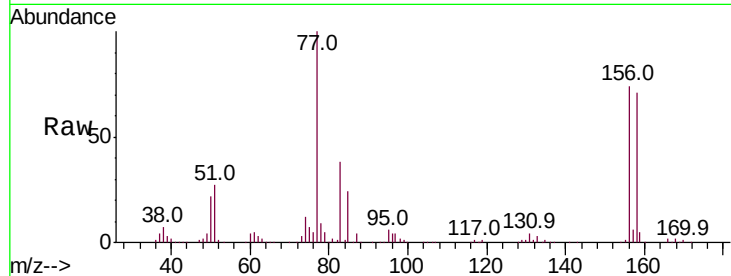
ClientSampled :

ICVVX030819

Tot Ion:	156	Resp:	72776
Ion	Ratio	Lower	Upper
156	100		
77	140.7	0.0	271.4
158	96.1	0.0	194.0

Manual Integrations
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#74

n-propylbenzene

Concen: 19.048 ug/l

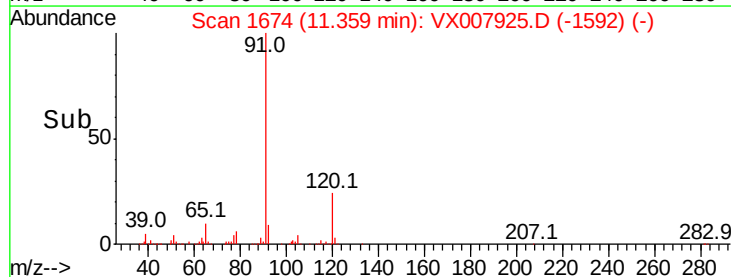
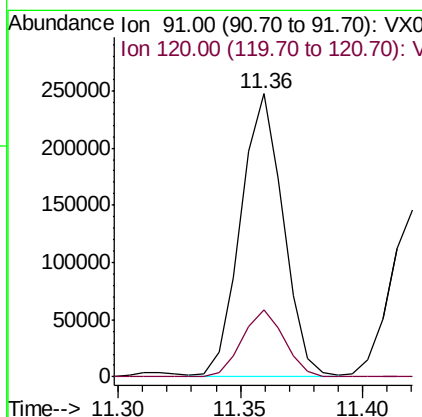
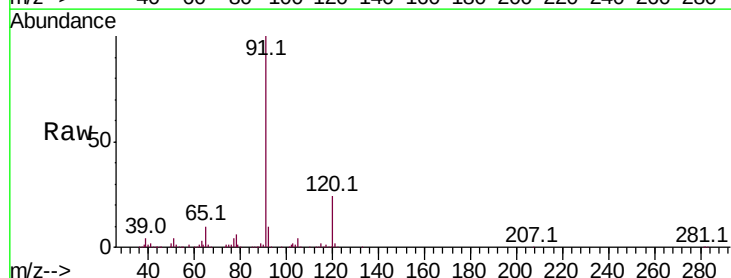
RT: 11.36 min Scan# 1674

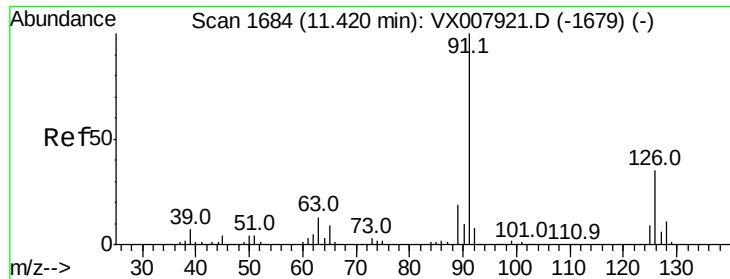
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	91	Resp:	299546
Ion	Ratio	Lower	Upper
91	100		
120	23.6	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.141 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

ICVVX030819

Tot Ion: 91 Resp: 180424

Ion Ratio Lower Upper

91 100

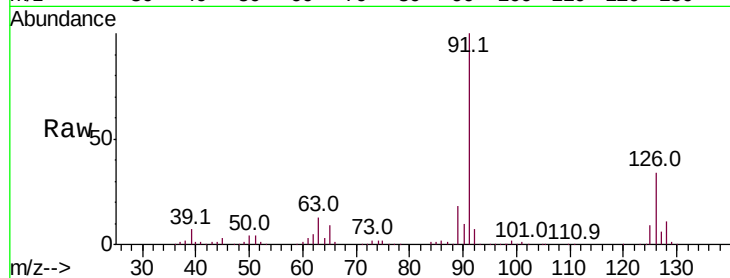
126 34.8 0.0 75.2

Manual Integrations

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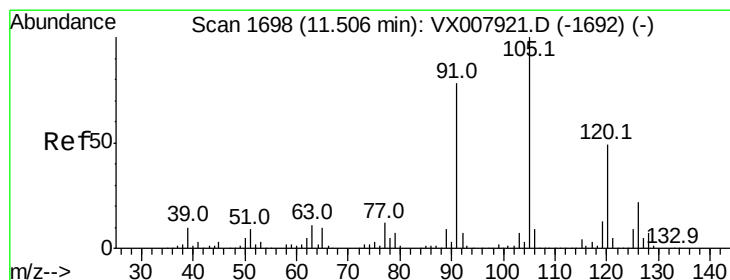
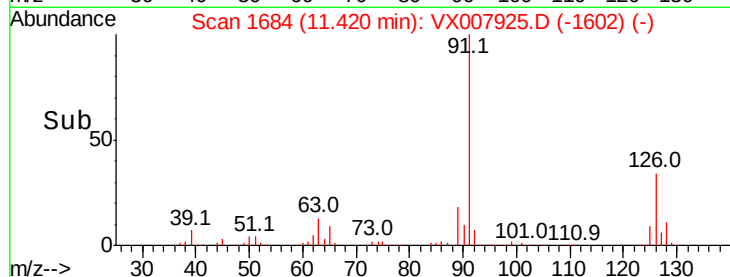
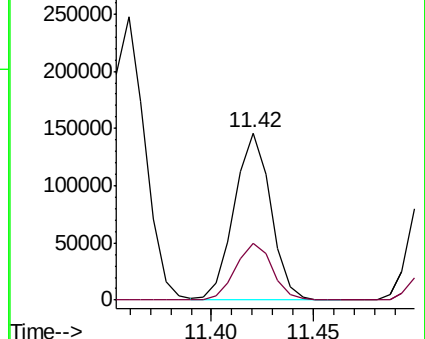
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.171 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007925.D

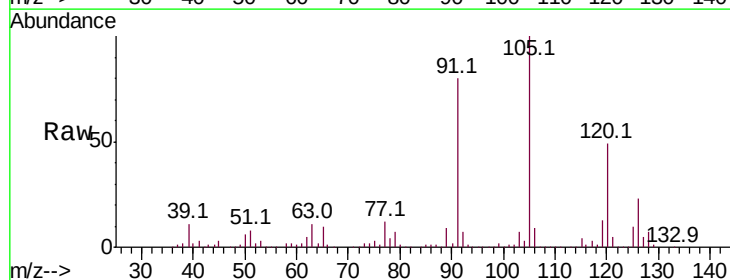
Acq: 08 Mar 2019 12:06

Tgt Ion: 105 Resp: 221502

Ion Ratio Lower Upper

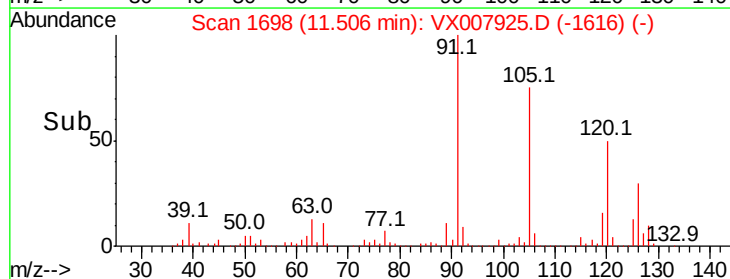
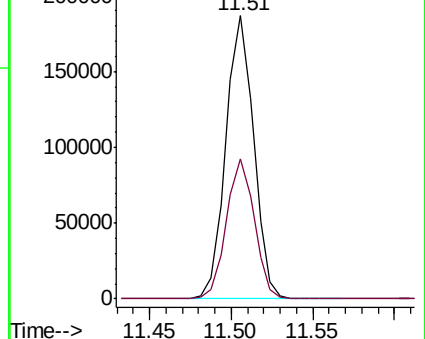
105 100

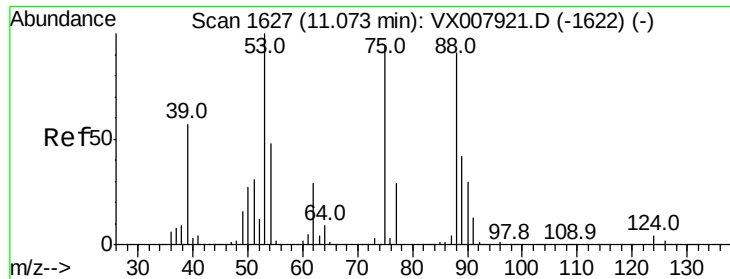
120 49.8 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.815 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

ICVVX030819

Tot Ion: 75 Resp: 23889

Ion Ratio Lower Upper

75 100

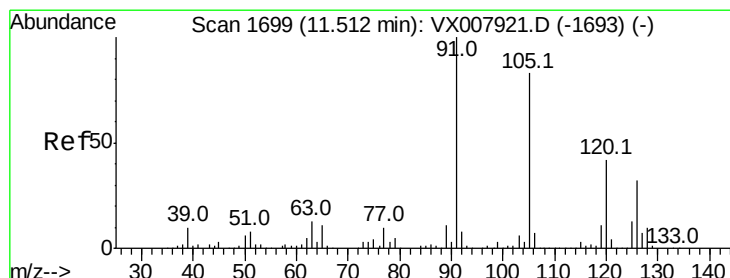
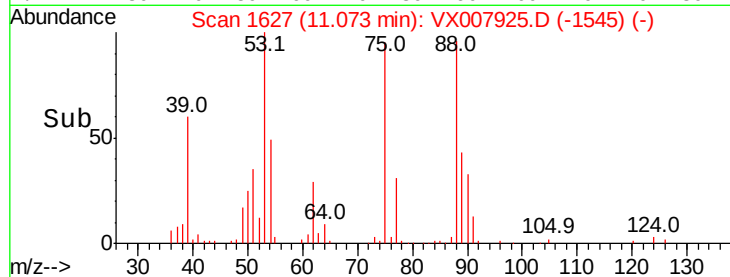
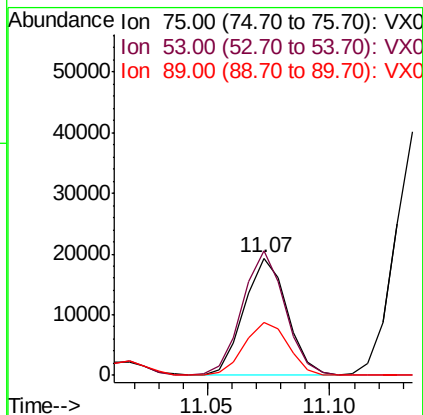
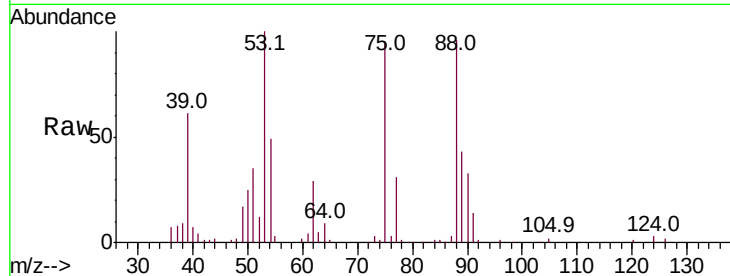
53 105.4 55.5 166.7

89 45.1 24.4 73.2

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3/11/2019 9:31:08 AM



#78

4-Chlorotoluene

Concen: 18.885 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007925.D

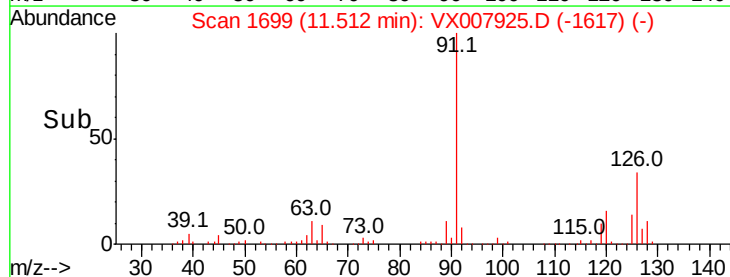
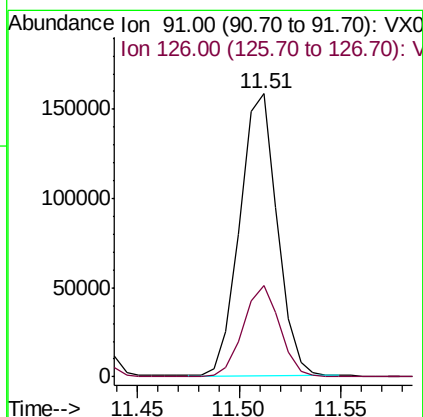
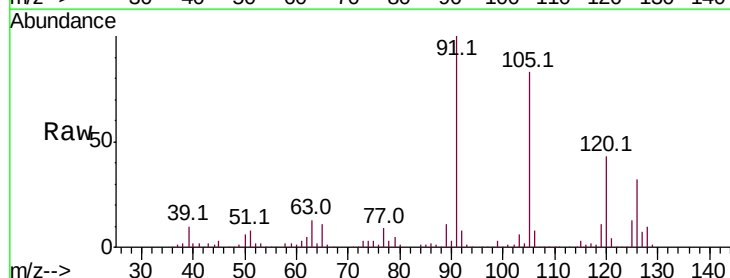
Acq: 08 Mar 2019 12:06

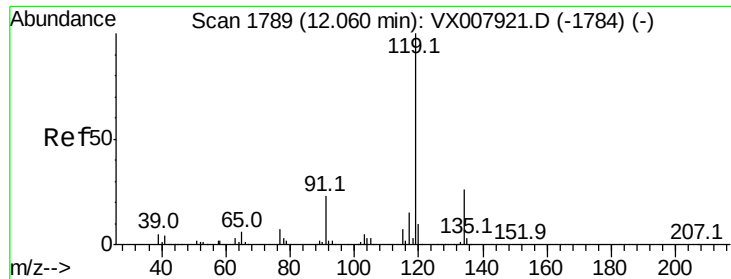
Tgt Ion: 91 Resp: 201257

Ion Ratio Lower Upper

91 100

126 31.4 0.0 66.2





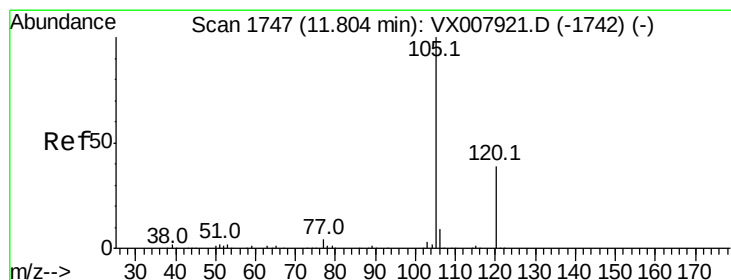
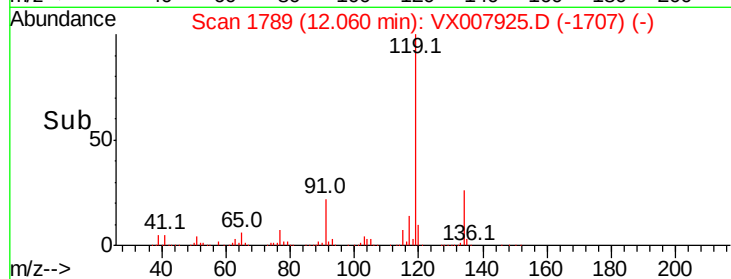
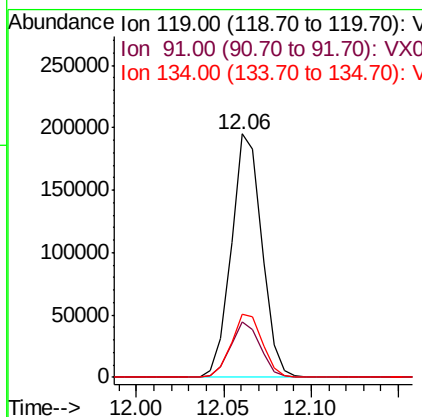
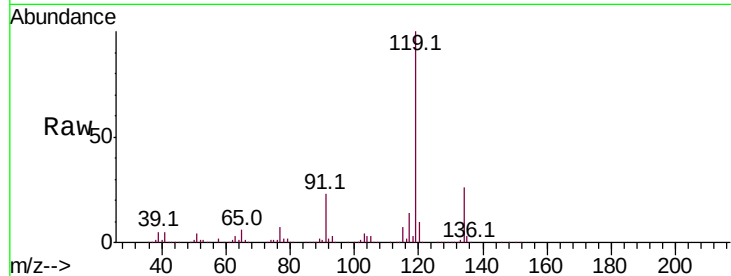
#79
tert-butylbenzene
Concen: 19.054 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampled :
ICVVX030819

Tot Ion	Ratio	Resp	Lower	Upper
119	100	236256		
91	22.2	0.0	45.0	
134	26.5	0.0	55.4	

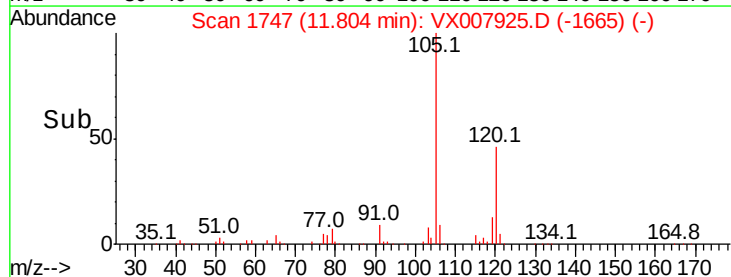
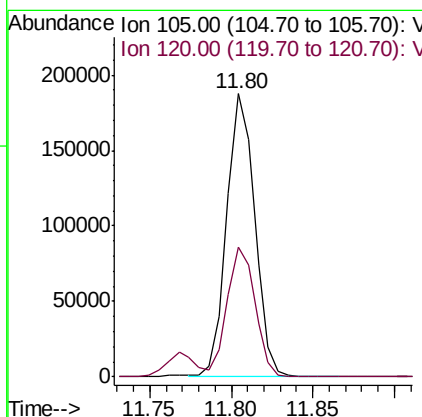
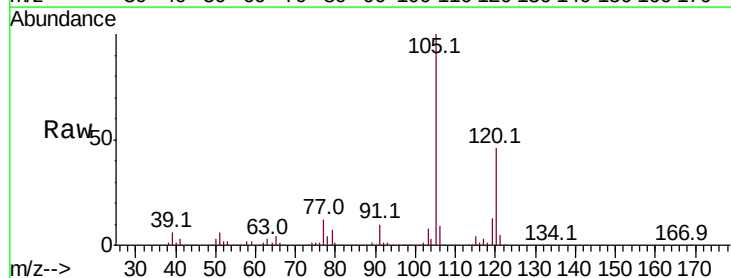
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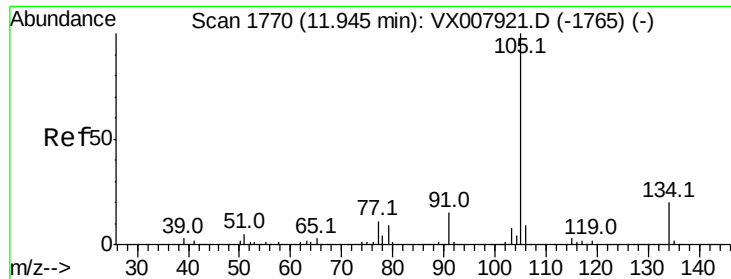
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#80
1,2,4-Trimethylbenzene
Concen: 19.196 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225106		
120	45.7	0.0	94.0	





#81

sec-Butylbenzene

Concen: 19.050 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

ClientSampled :

ICVVX030819

Tot Ion:105 Resp: 264562

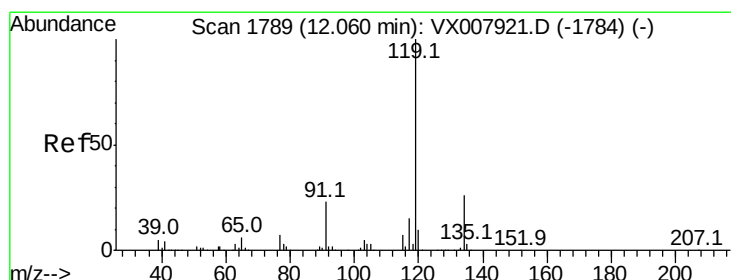
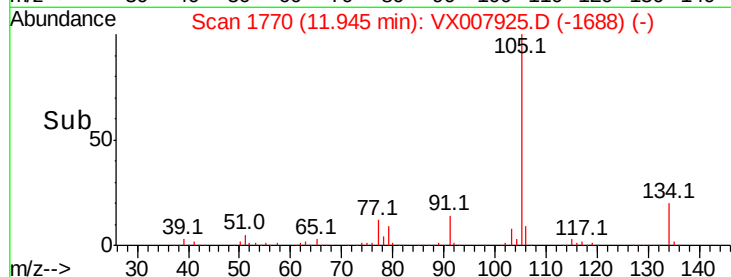
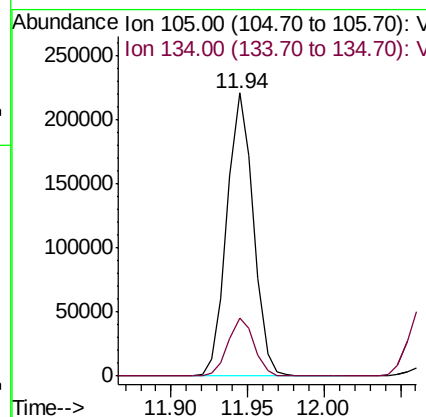
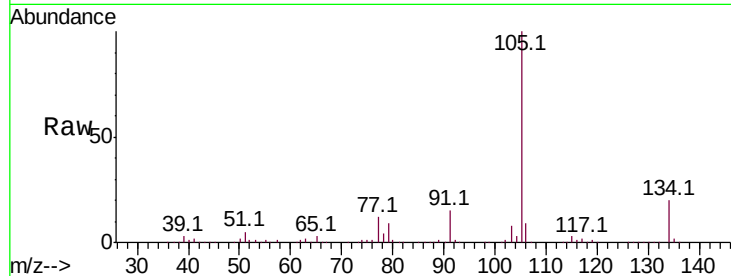
Ion Ratio Lower Upper

105 100

134 20.3 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 19.054 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

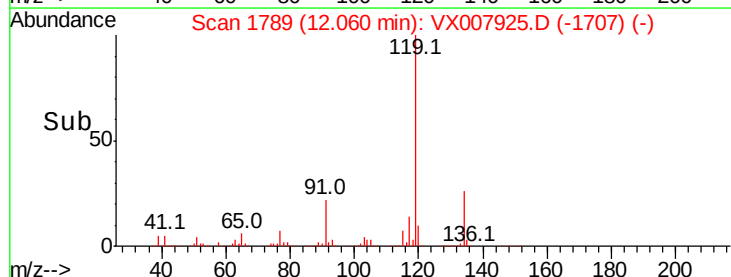
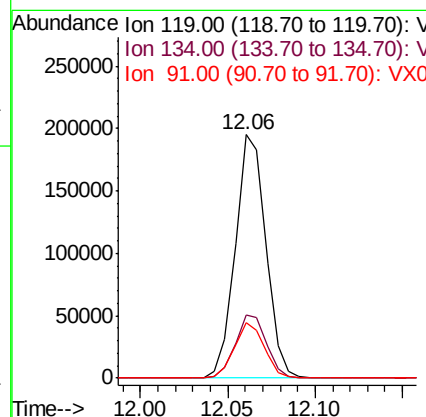
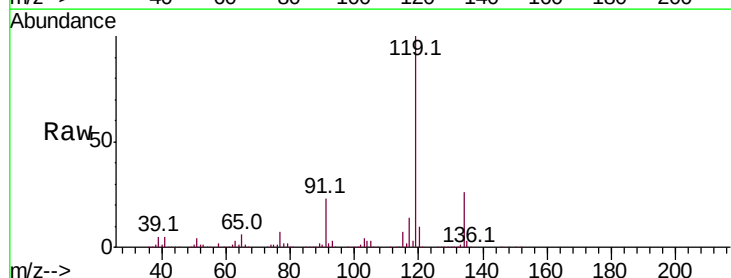
Tgt Ion:119 Resp: 236256

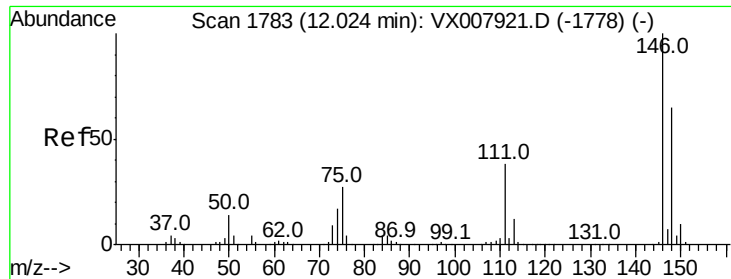
Ion Ratio Lower Upper

119 100

134 26.5 0.0 55.4

91 22.2 0.0 45.0





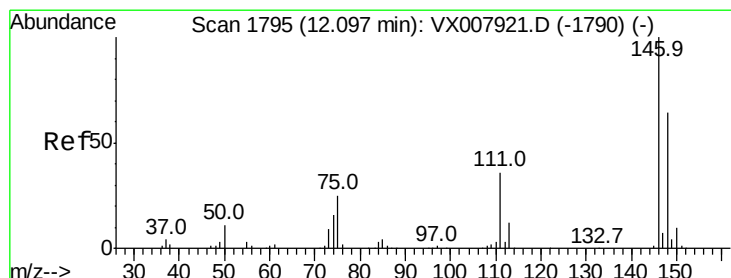
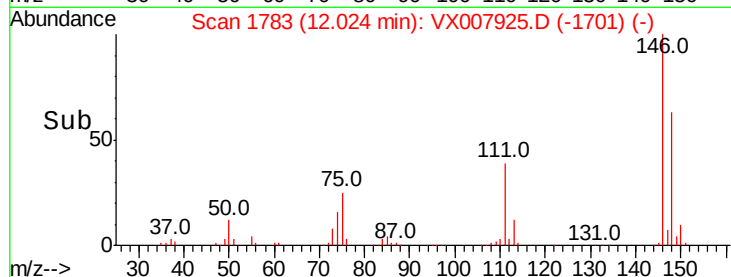
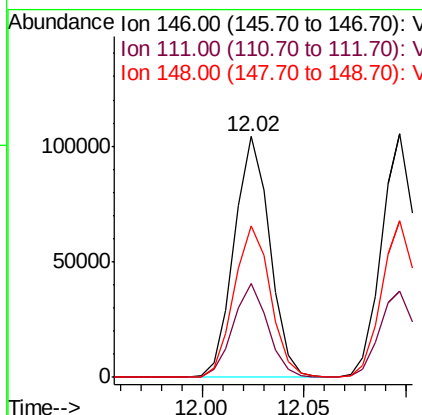
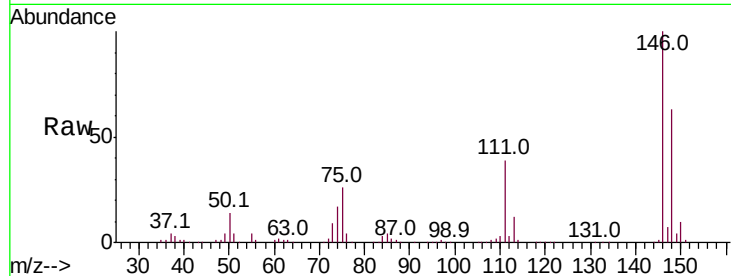
#83
 1,3-Dichlorobenzene
 Concen: 19.104 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX030819

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.8	56.3
148	64.2	30.6	91.8

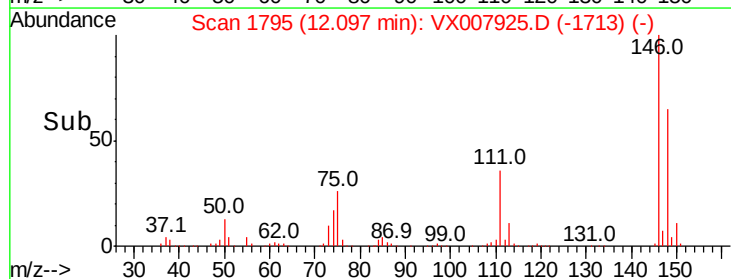
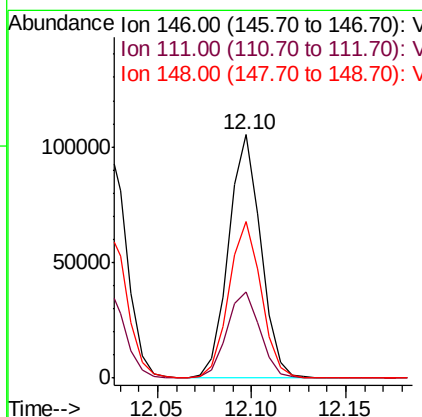
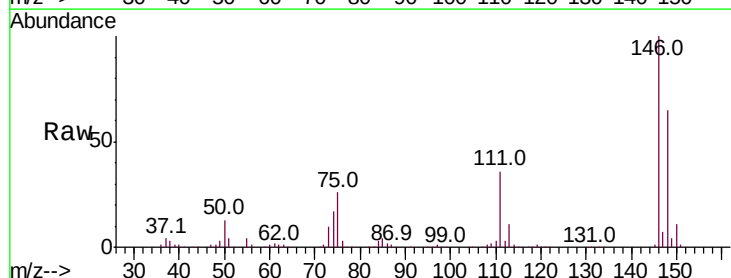
Manual Integrations
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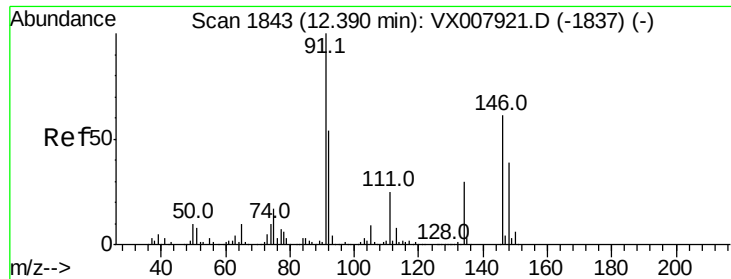
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 3/11/2019 9:31:08 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.883 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.6	52.8
148	64.6	31.4	94.2





#85

n-Butylbenzene

Concen: 18.663 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Instrument :

MSVOA_X

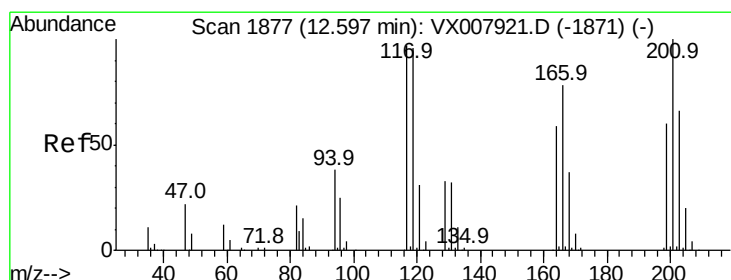
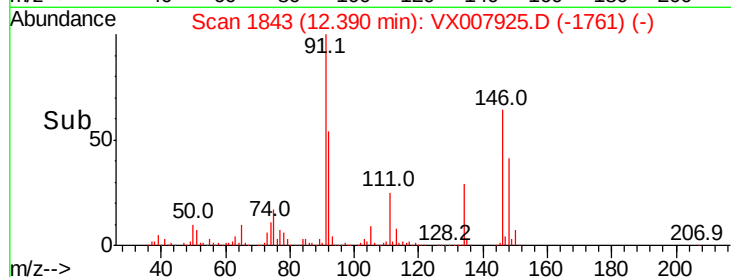
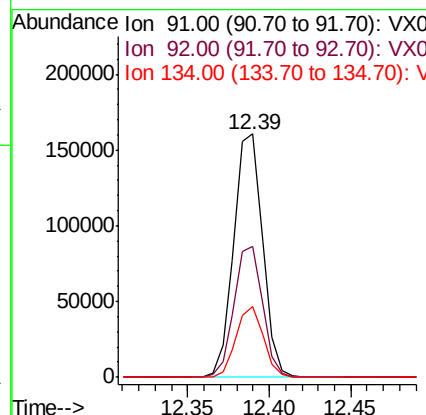
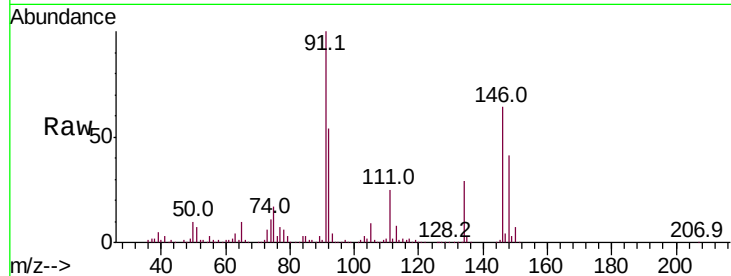
ClientSampleId :

ICVVX030819

Tot Ion:	91	Resp:	197896
Ion Ratio	Lower	Upper	
91	100		
92	53.5	0.0	105.2
134	27.4	0.0	56.4

Manual Integrations
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#86

Hexachloroethane

Concen: 18.280 ug/l

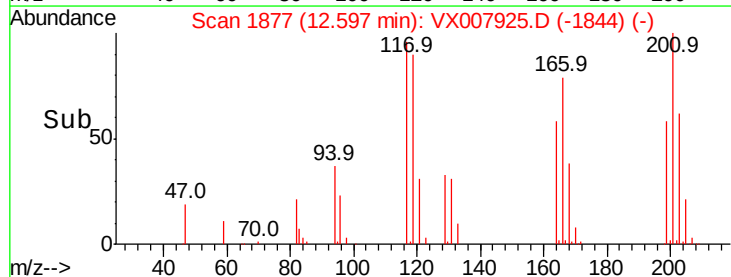
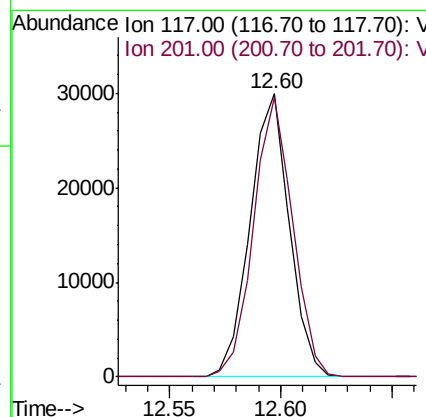
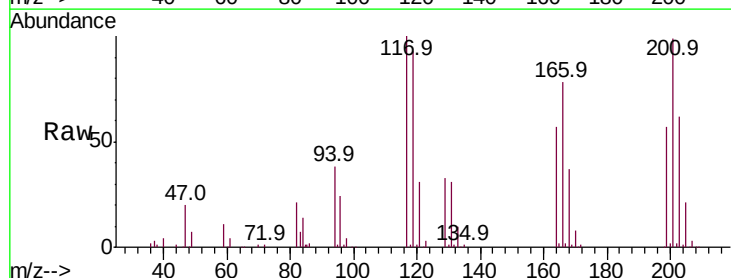
RT: 12.60 min Scan# 1877

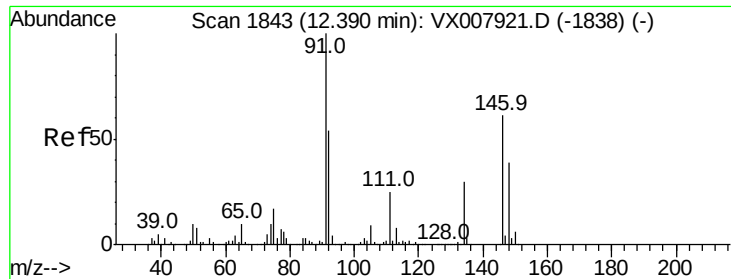
Delta R.T. 0.00 min

Lab File: VX007925.D

Acq: 08 Mar 2019 12:06

Tgt Ion:	117	Resp:	36930
Ion Ratio	Lower	Upper	
117	100		
201	98.2	41.1	123.3





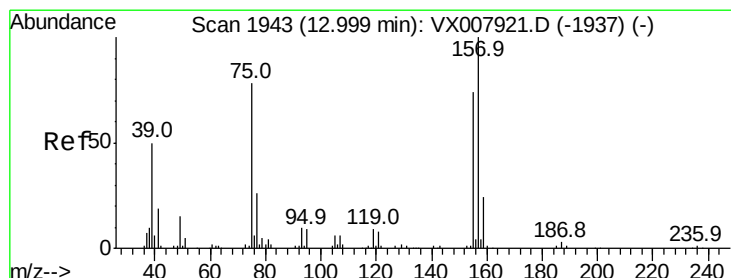
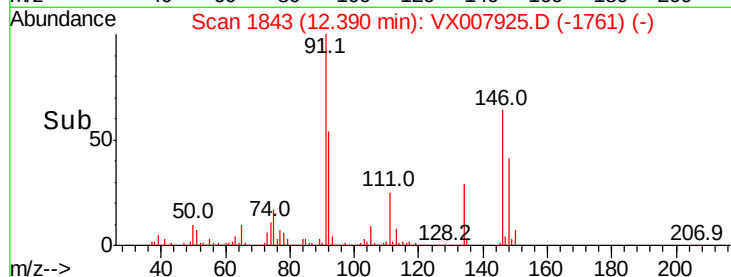
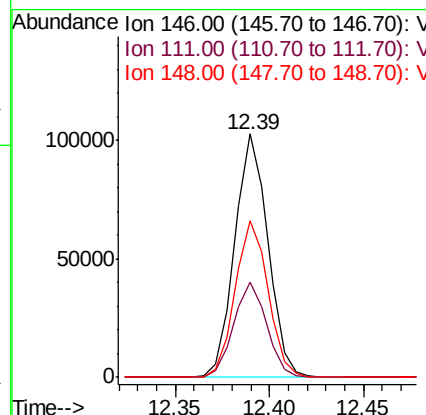
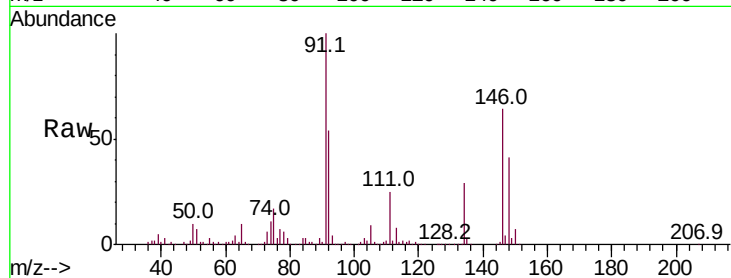
#87
 1,2-Dichlorobenzene
 Concen: 19.242 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX030819

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.8
148	63.9	32.1	96.3

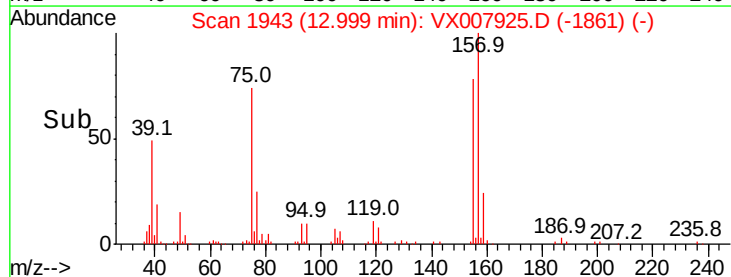
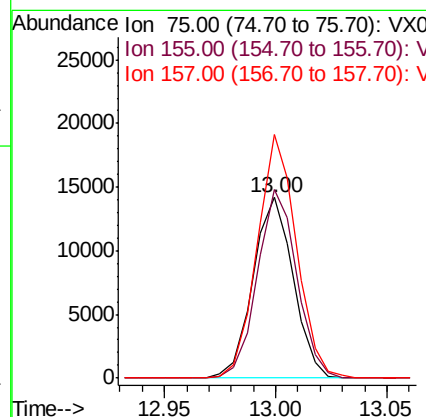
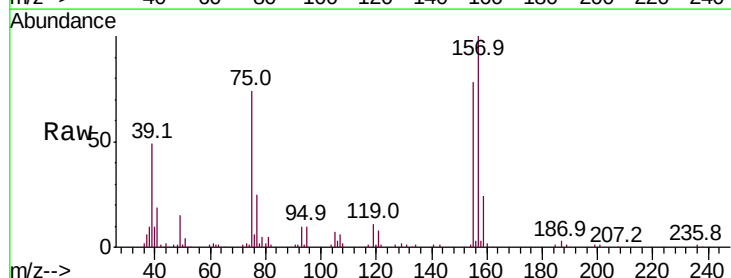
Manual Integrations
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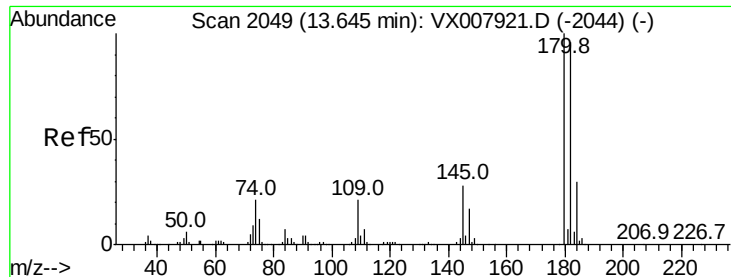
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.063 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007925.D
 Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.8	81.0	121.6
157	130.5	103.2	154.8





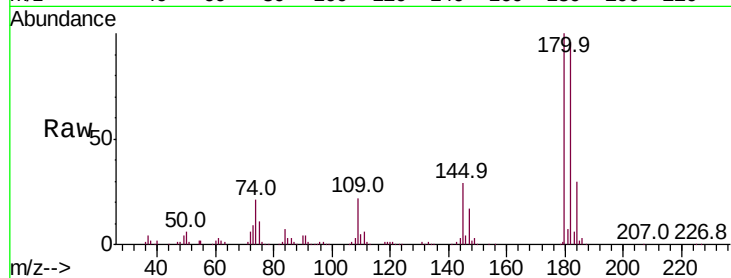
#89
1,2,4-Trichlorobenzene
Concen: 19.156 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.6	113.4
145	28.8	23.0	34.6

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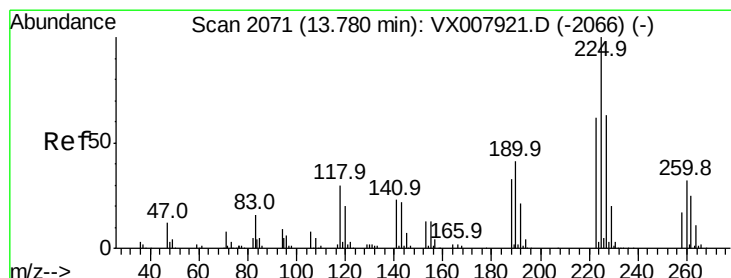
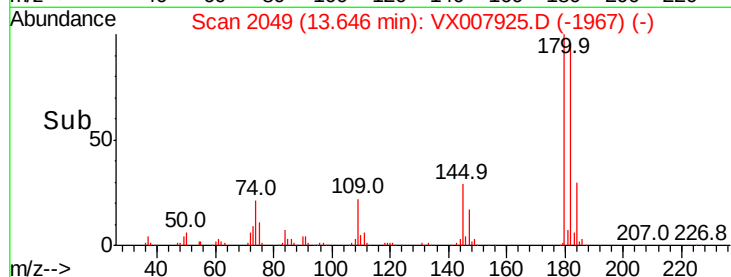
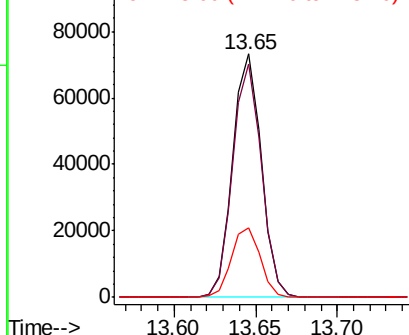


Abundance

Ion 180.00 (179.70 to 180.70): V

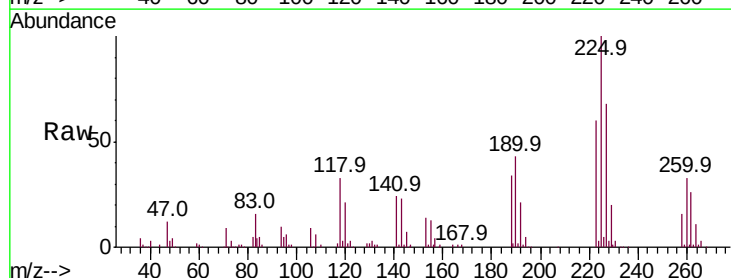
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
Hexachlorobutadiene
Concen: 18.692 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	123.8
227	66.3	0.0	124.4

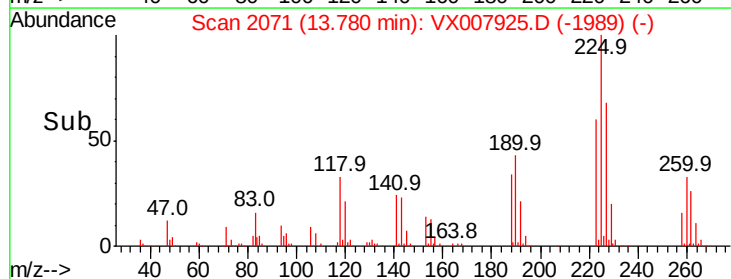
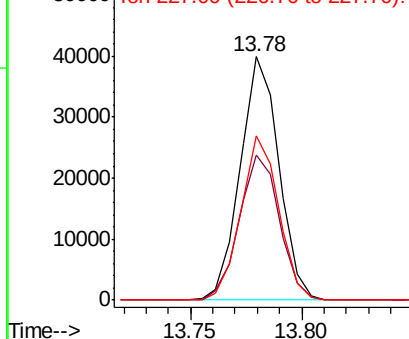


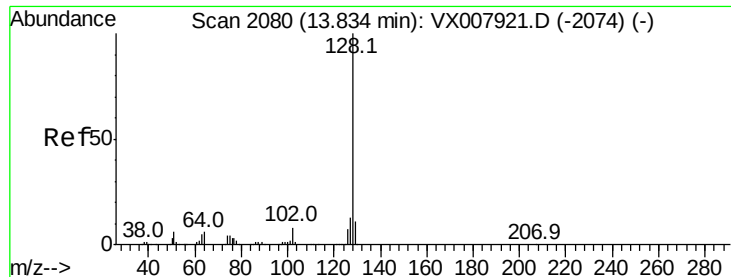
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





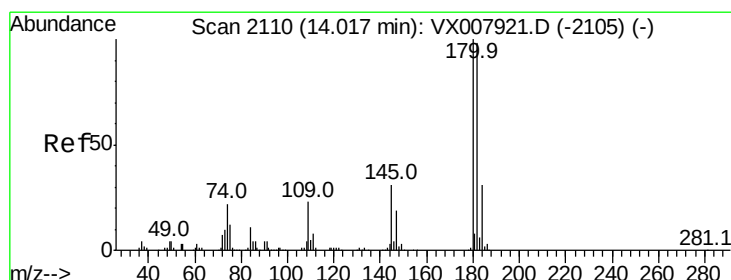
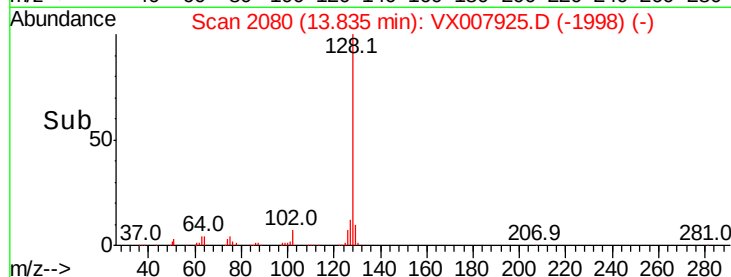
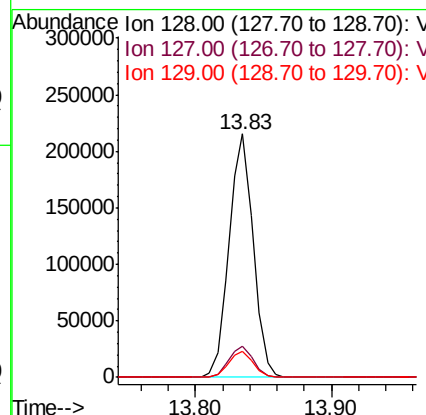
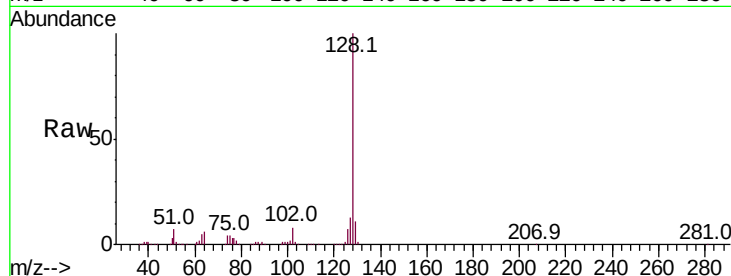
#91
Naphthalene
Concen: 19.677 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030819

Tot Ion	Ratio	Resp	Lower	Upper
128	100	264365		
127	12.8		10.5	15.7
129	10.8		8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.388 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007925.D
Acq: 08 Mar 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90323		
182	94.7		0.0	193.0
145	29.9		0.0	63.0

