

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007931.D
 Acq On : 08 Mar 2019 15:09
 Operator : JC/SP
 Sample : VX0308WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0308WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:02 PM

Quant Time: Mar 11 09:43:53 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	5.03	128	45169	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	243184	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	214814	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	89809	30.25	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.83%
60) 4-Bromofluorobenzene	11.13	95	104002	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	8.71	98	296517	30.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	49449	18.441	ug/l 98
3) Chloromethane	1.33	50	54077	18.135	ug/l 97
4) Vinyl Chloride	1.41	62	53829	18.225	ug/l 99
5) Bromomethane	1.64	94	30124	20.457	ug/l 97
6) Chloroethane	1.73	64	31051	18.001	ug/l 97
7) Trichlorofluoromethane	1.93	101	65168	17.718	ug/l 98
8) Diethyl Ether	2.19	74	35958	18.984	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50583	18.292	ug/l 98
10) 1,1-Dichloroethene	2.38	96	50207	19.156	ug/l 98
11) Methyl Iodide	2.51	142	75815	18.478	ug/l 94
12) Methyl Acetate	2.78	43	76317	18.411	ug/l 94
13) Acrolein	2.30	56	47483	97.638	ug/l 97
14) Acrylonitrile	3.15	53	170529	96.911	ug/l 100
15) Acetone	2.45	58	50522	79.525	ug/l 97
16) Carbon Disulfide	2.57	76	156328	19.010	ug/l 100
17) Allyl chloride	2.73	41	100143	18.636	ug/l 90
18) Methylene Chloride	2.86	84	55959	18.741	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	52136	18.800	ug/l 94
20) Diisopropyl ether	3.87	45	188910	19.217	ug/l 93
21) 1,1-Dichloroethane	3.70	63	100069	18.717	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	60400	18.881	ug/l 92
23) tert-Butyl Alcohol	3.07	59	71267	100.391	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	171068	18.983	ug/l 96
25) Chloroform	5.21	83	95392	18.903	ug/l 99
26) Cyclohexane	5.58	56	94020	19.031	ug/l # 89
29) 1,1-Dichloropropene	5.80	75	72843	18.891	ug/l 97
30) 2-Butanone	4.70	43	243607	93.672	ug/l 97
31) 2,2-Dichloropropane	4.59	77	62719	17.610	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	78792	18.897	ug/l 99
33) Carbon Tetrachloride	5.78	117	69181	18.706	ug/l 96
34) Benzene	6.15	78	225223	19.060	ug/l 98
35) Methacrylonitrile	5.06	41	48781	19.249	ug/l 95
36) 1,2-Dichloroethane	6.20	62	73639	19.155	ug/l 99
37) Trichloroethene	7.21	130	60864	19.011	ug/l 95
38) Methylcyclohexane	7.46	83	89945	18.347	ug/l 94
39) 1,2-Dichloropropane	7.52	63	58884	19.108	ug/l 99
40) Dibromomethane	7.66	93	37311	19.087	ug/l 93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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Quant Time: Mar 11 09:43:53 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)
41) Bromodichloromethane	7.90	83	68891	18.645	ug/l	99
42) Vinyl Acetate	3.82	43	826465	98.174	ug/l	97
43) Ethyl Acetate	4.85	43	88508m	19.539	ug/l	
44) Isopropyl Acetate	6.46	43	131905	19.084	ug/l	99
45) 1,4-Dioxane	7.75	88	29757	411.499	ug/l	93
46) Methyl methacrylate	7.77	41	71014	19.536	ug/l	92
47) n-amyl Acetate	10.90	43	112622	18.911	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	71521	17.873	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	82929	18.302	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	56594	18.994	ug/l	97
51) Ethyl methacrylate	9.18	69	86966	19.246	ug/l	94
52) 1,3-Dichloropropane	9.37	76	95575	19.413	ug/l	98
53) Dibromochloromethane	9.58	129	56791	18.530	ug/l	100
54) 1,2-Dibromoethane	9.67	107	60335	19.369	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	205765	97.907	ug/l	98
56) Bromoform	10.86	173	44802	18.327	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	447288	101.134	ug/l	99
59) 2-Hexanone	9.49	43	342373	98.068	ug/l	100
61) Tetrachloroethene	9.34	164	60710	19.374	ug/l	97
62) Toluene	8.79	91	238651	19.026	ug/l	99
64) Chlorobenzene	10.14	112	151799	18.988	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	55215	19.290	ug/l	99
66) Ethyl Benzene	10.25	91	252586	18.747	ug/l	98
67) m/p-Xylenes	10.36	106	195600	37.861	ug/l	98
68) o-Xylene	10.69	106	95382	19.013	ug/l	96
69) Styrene	10.71	104	155620	18.827	ug/l	99
70) Isopropylbenzene	11.02	105	254920	19.017	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	85744	19.368	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	83334m	19.969	ug/l	
73) Bromobenzene	11.26	156	68525	19.228	ug/l	97
74) n-propylbenzene	11.36	91	283434	18.745	ug/l	99
75) 2-Chlorotoluene	11.42	91	172338	19.015	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	209742	18.880	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22448	17.410	ug/l	96
78) 4-Chlorotoluene	11.51	91	193031	18.838	ug/l	97
79) tert-butylbenzene	12.06	119	222687	18.679	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	212656	18.860	ug/l	97
81) sec-Butylbenzene	11.94	105	247369	18.525	ug/l	100
82) p-Isopropyltoluene	12.06	119	222687	18.679	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	118541	18.683	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	117001	18.430	ug/l	98
85) n-Butylbenzene	12.38	91	182193	17.870	ug/l	99
86) Hexachloroethane	12.60	117	34910	17.972	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	119202	19.010	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	17250	19.075	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	82152	18.230	ug/l	99
90) Hexachlorobutadiene	13.78	225	44522	17.913	ug/l	99
91) Naphthalene	13.83	128	243454	18.846	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	82769	18.478	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Mar 11 09:43:53 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

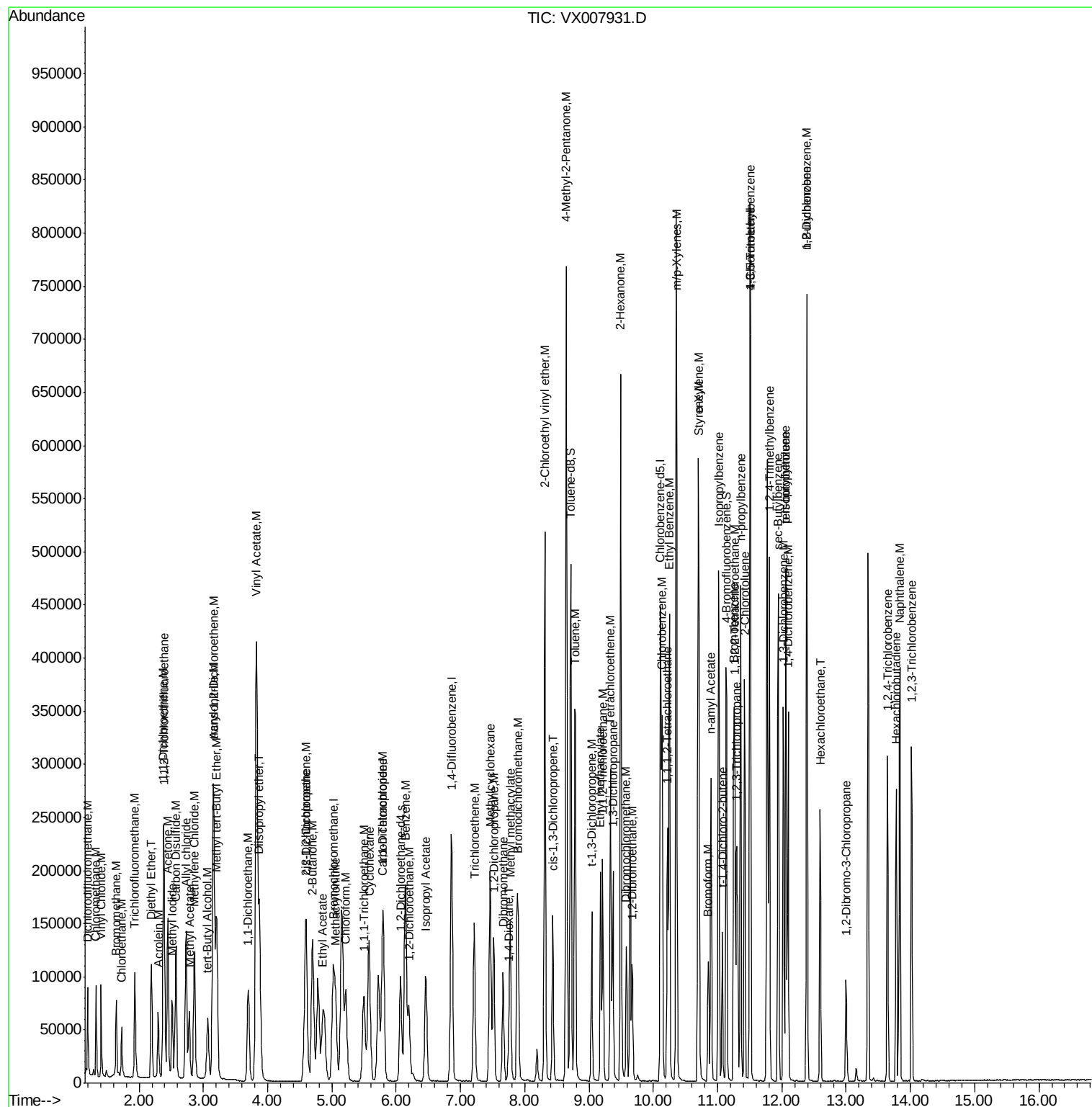
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007931.D
 Acq On : 08 Mar 2019 15:09
 Operator : JC/SP
 Sample : VX0308WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

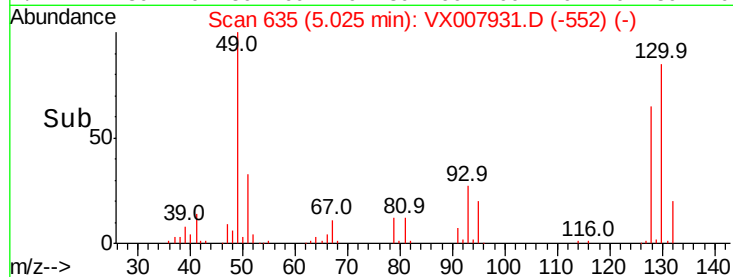
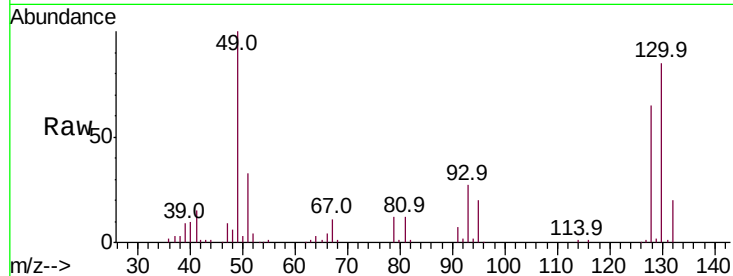
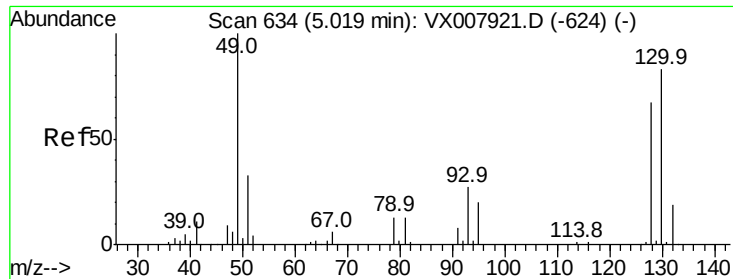
Instrument :
 MSVOA_X
 ClientSampleId :
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Manual Integrations
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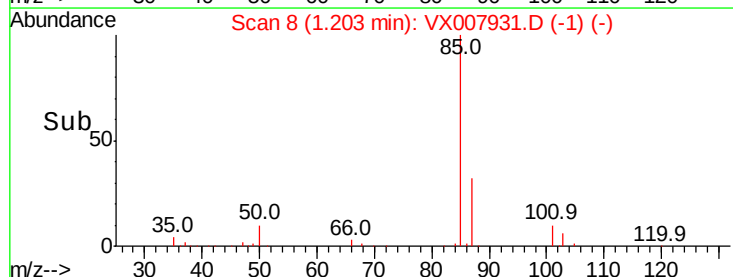
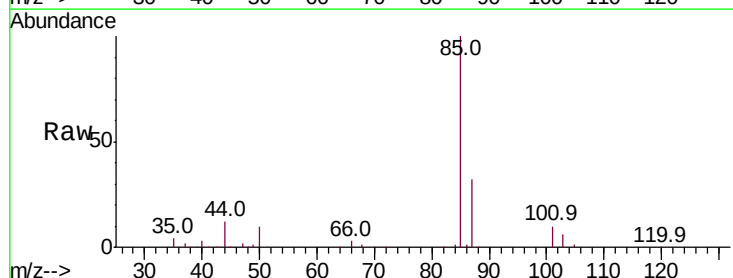
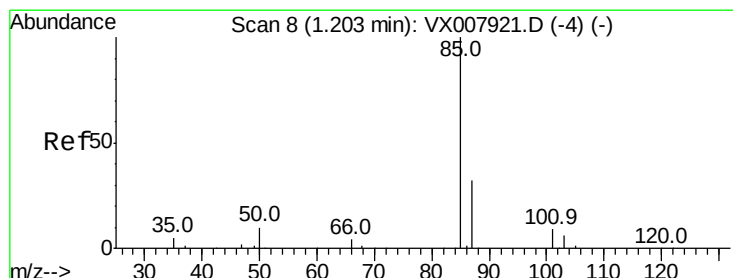
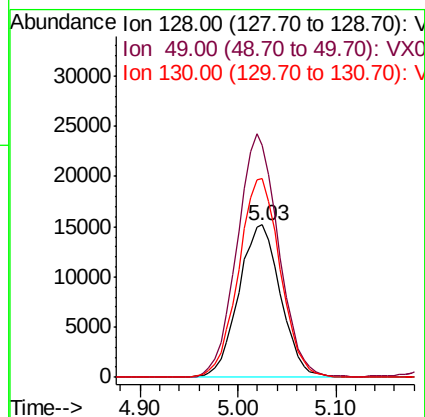
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tot Ion: 128 Resp: 45169
Ion Ratio Lower Upper
128 100
49 157.6 0.0 350.8
130 130.0 0.0 325.8

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

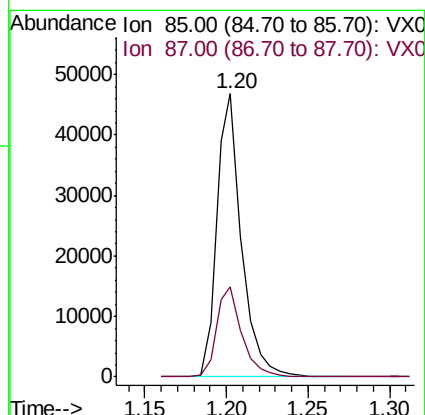
Manual Integrations
APPROVED

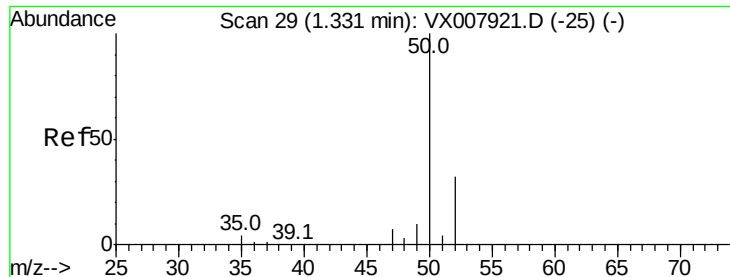
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#2
Dichlorodifluoromethane
Concen: 18.441 ug/l
RT: 1.20 min Scan# 8
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 85 Resp: 49449
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8





#3

Chloromethane

Concen: 18.135 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 50 Resp: 54077

Ion Ratio Lower Upper

50 100

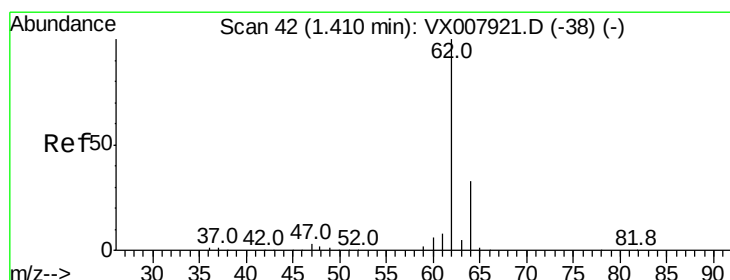
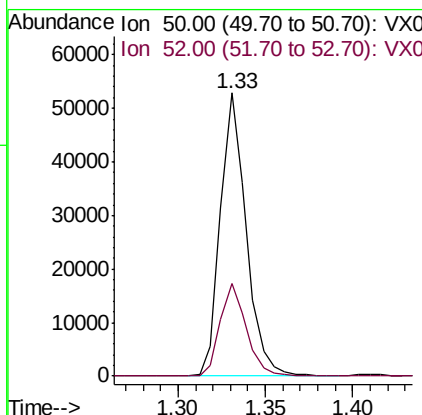
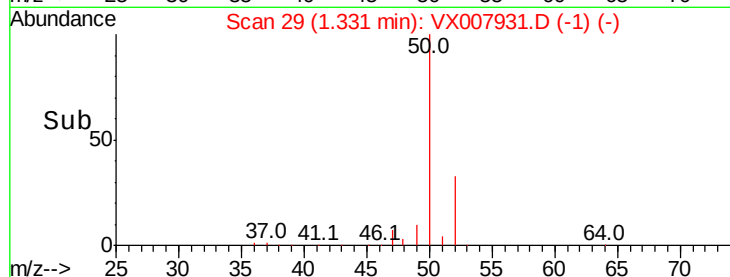
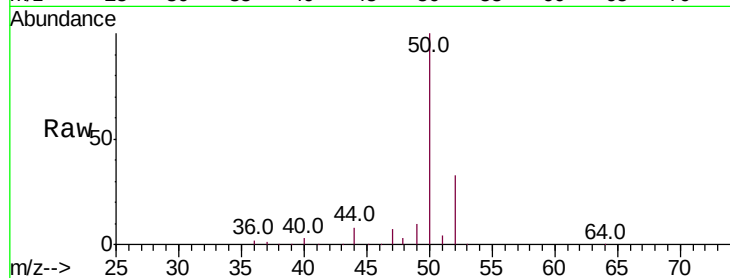
52 32.7 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.225 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007931.D

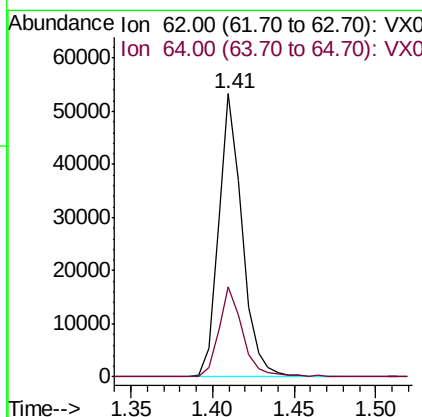
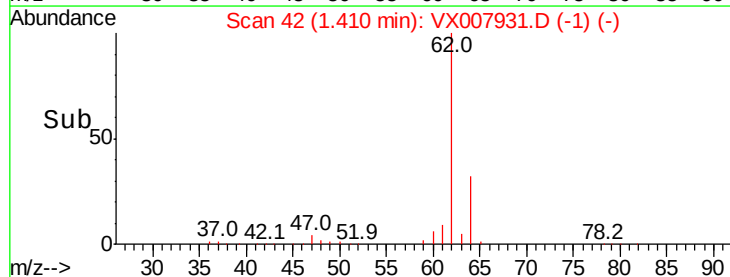
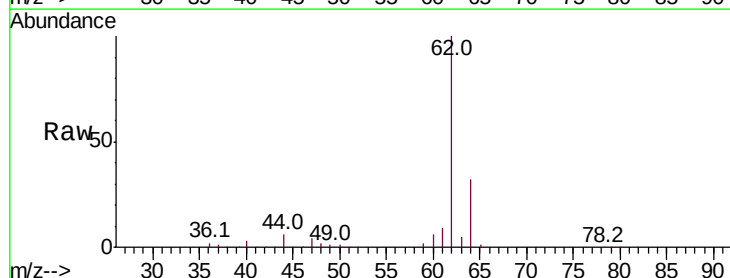
Acq: 08 Mar 2019 15:09

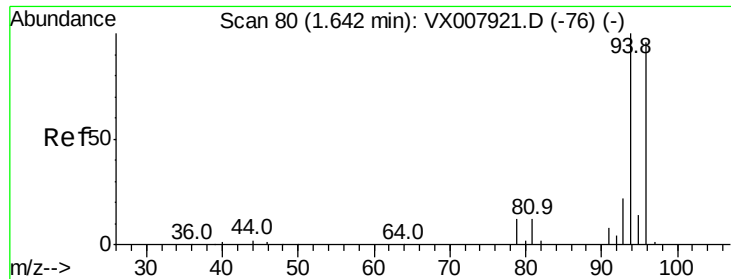
Tgt Ion: 62 Resp: 53829

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 20.457 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 94 Resp: 30124

Ion Ratio Lower Upper

94 100

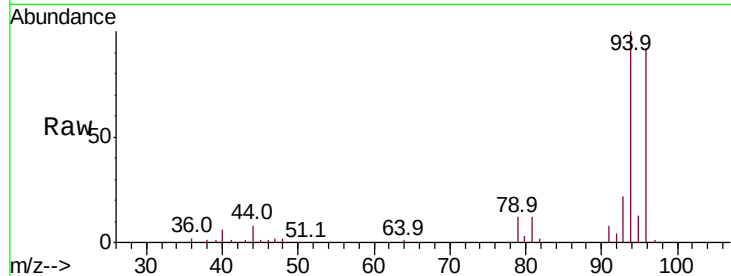
96 91.9 75.6 113.4

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

25000

20000

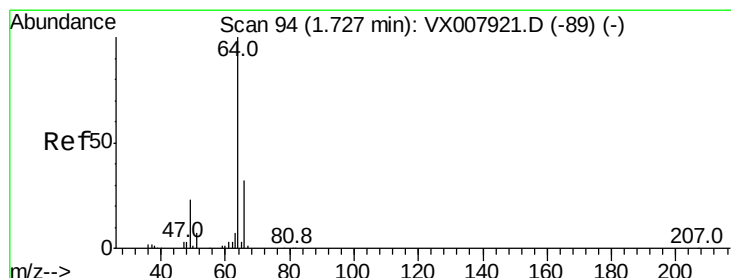
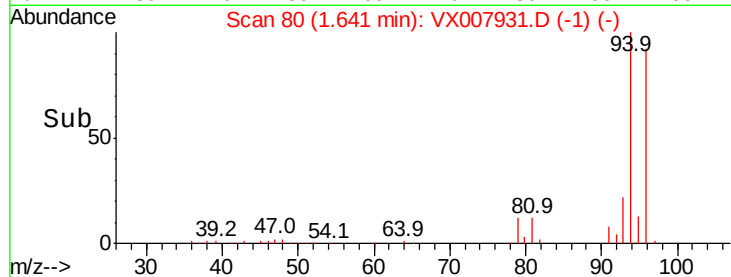
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.001 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007931.D

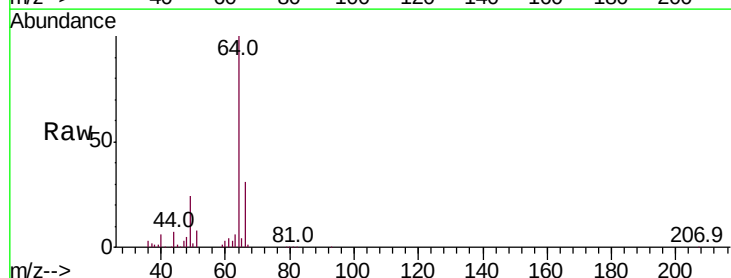
Acq: 08 Mar 2019 15:09

Tgt Ion: 64 Resp: 31051

Ion Ratio Lower Upper

64 100

66 31.3 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

25000

20000

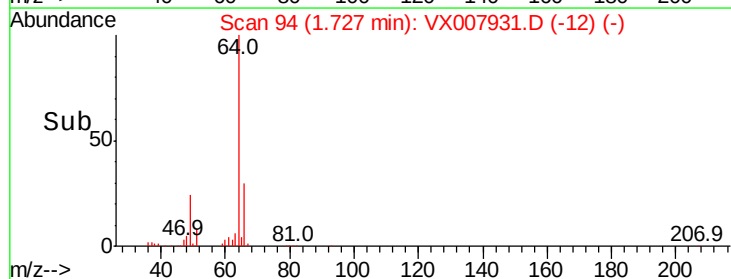
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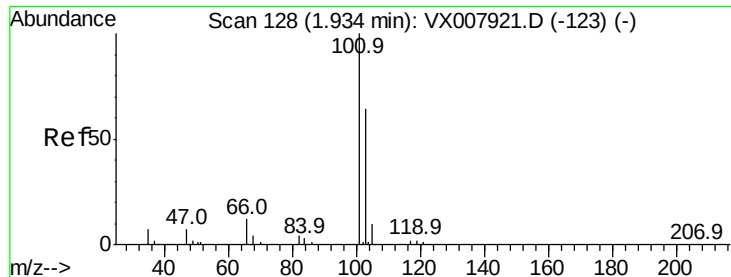
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5000

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Time-->





#7

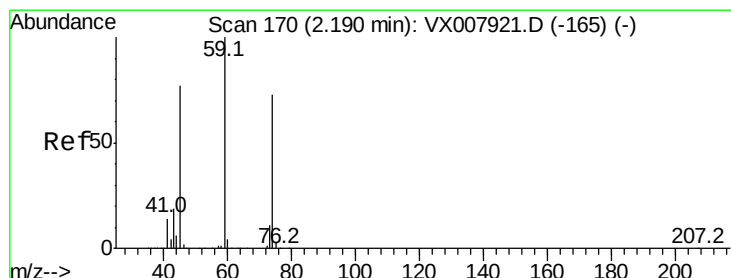
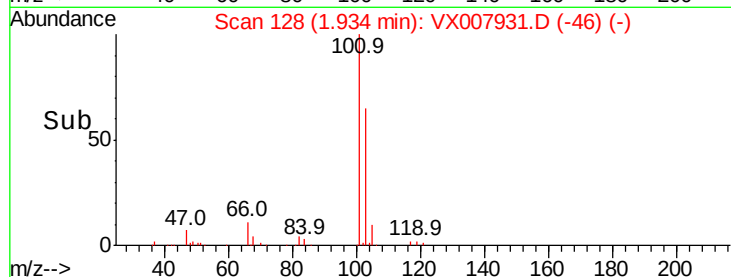
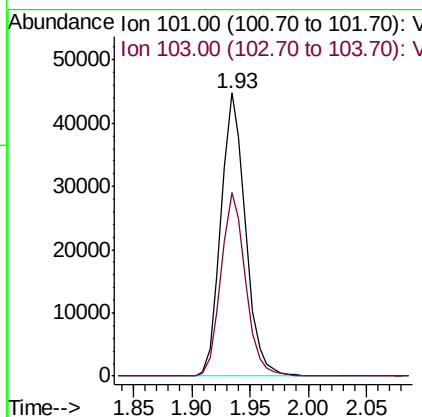
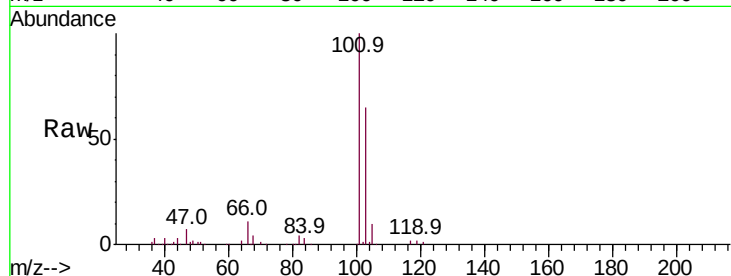
Trichlorofluoromethane
 Concen: 17.718 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
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 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.4	75.6

Manual Integrations
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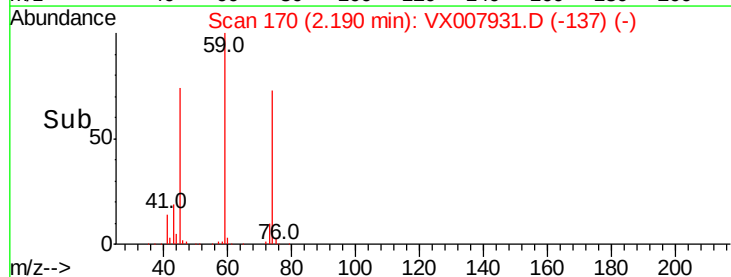
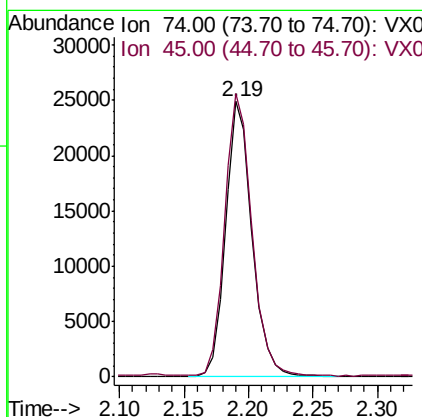
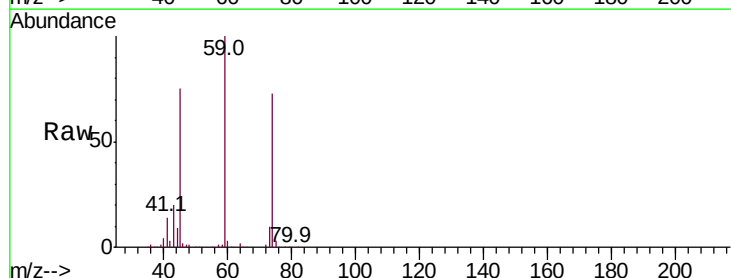
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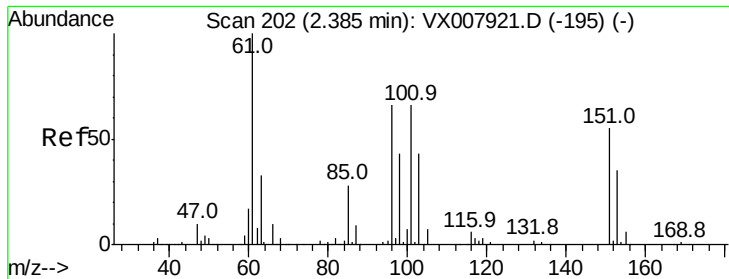


#8

Diethyl Ether
 Concen: 18.984 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.292 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

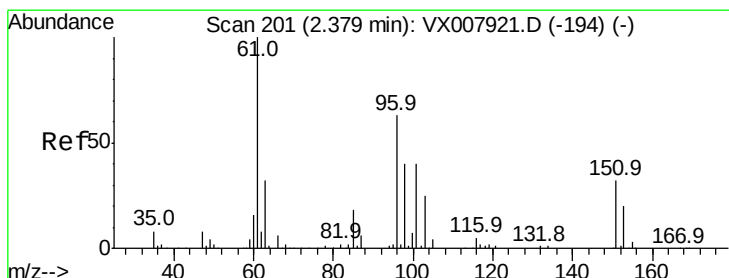
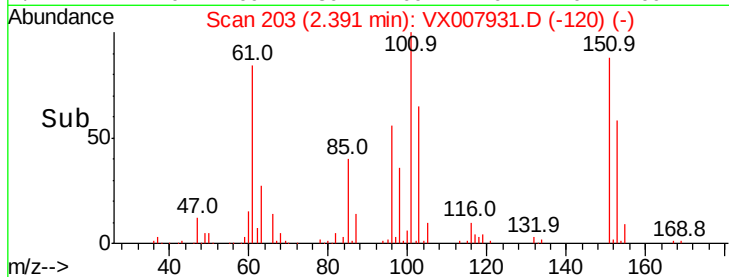
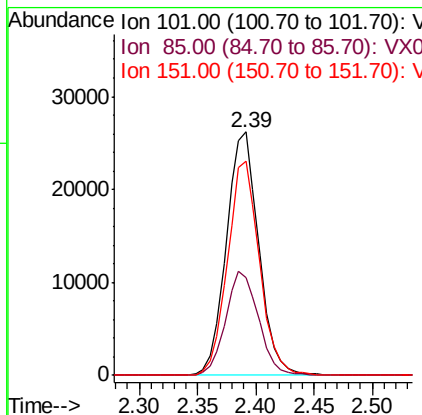
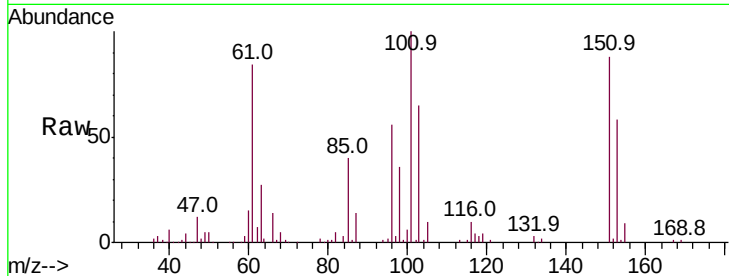
ClientSampled :

VX0308WBSD01

Tot Ion:	101	Resp:	50583
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	86.8
151	87.1	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.156 ug/l

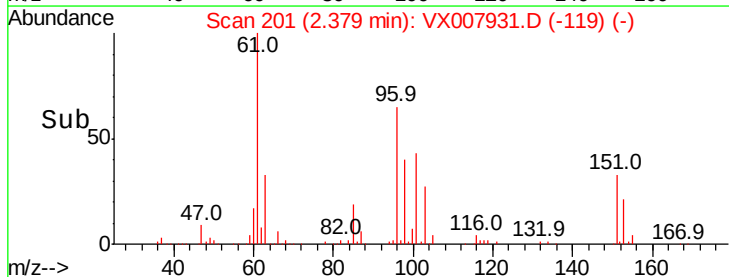
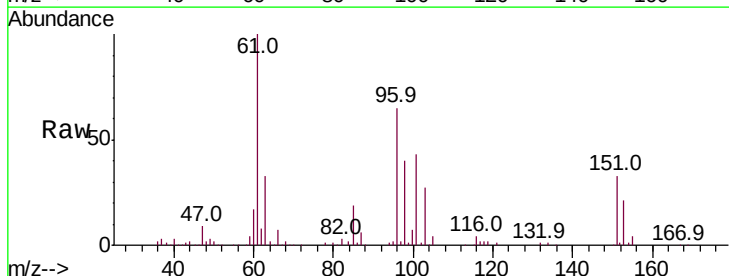
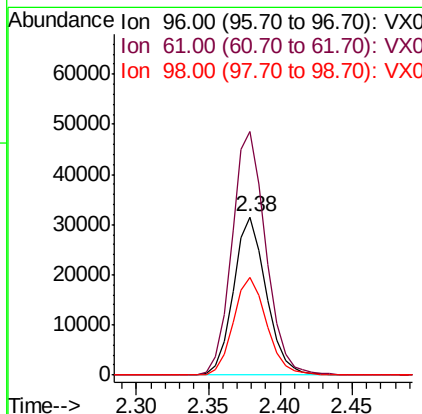
RT: 2.38 min Scan# 201

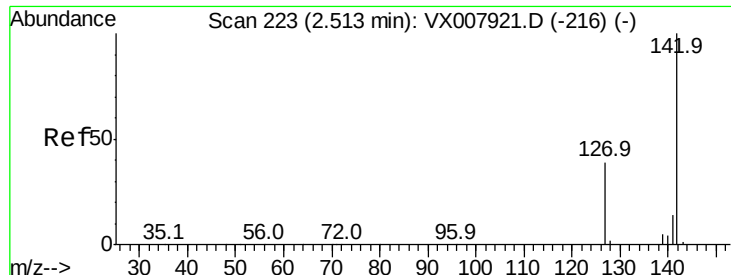
Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion:	96	Resp:	50207
Ion Ratio	Lower	Upper	
96	100		
61	154.2	120.2	180.2
98	61.9	49.0	73.4





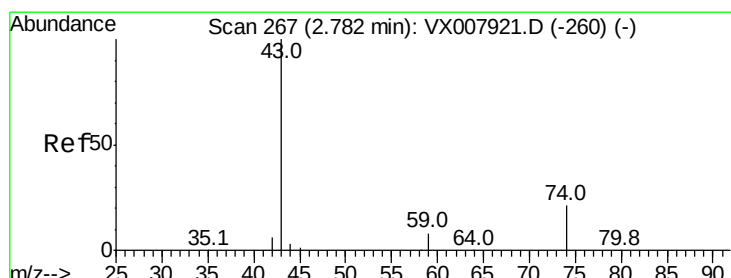
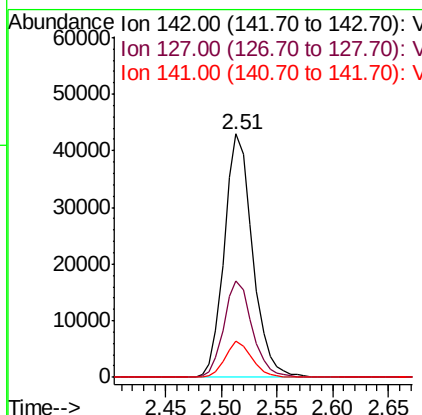
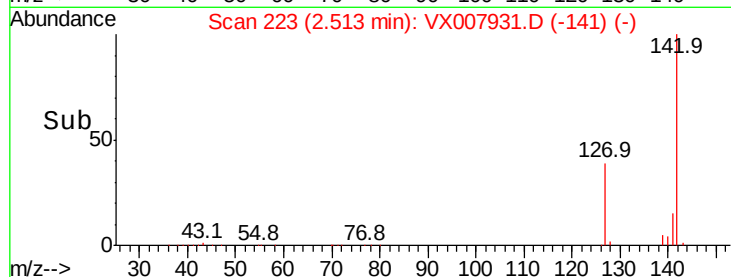
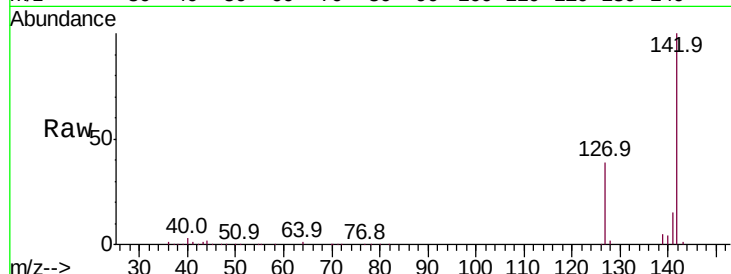
#11
Methyl Iodide
Concen: 18.478 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.5	22.1	66.5
141	15.1	7.4	22.3

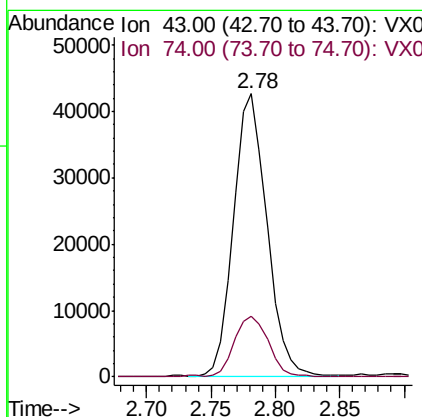
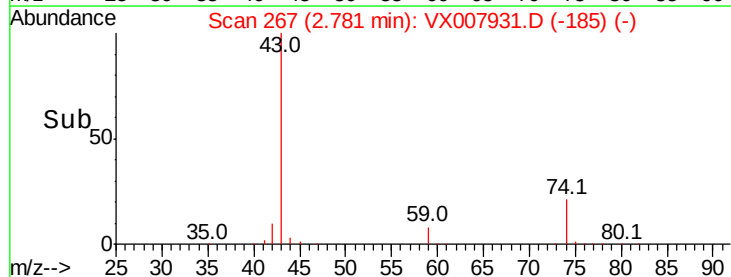
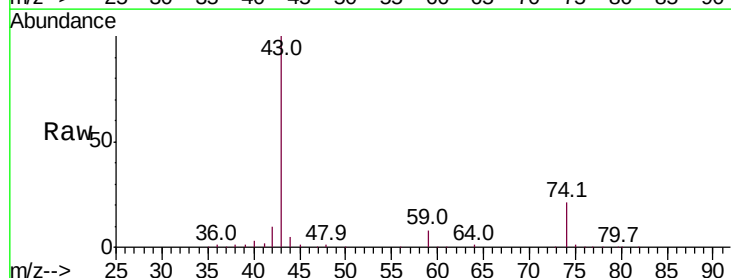
Manual Integrations
APPROVED

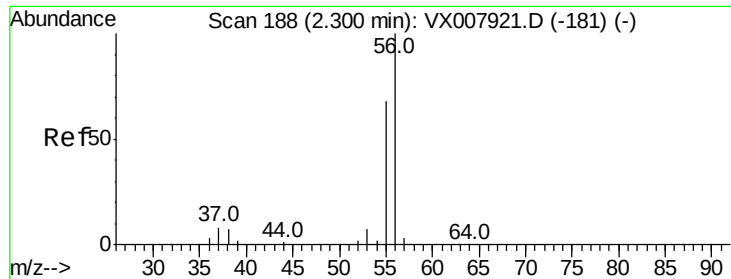
MMDadoda
3/11/2019 12:02:02 PM



#12
Methyl Acetate
Concen: 18.411 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	19.4	29.0





#13

Acrolein

Concen: 97.638 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 56 Resp: 47483

Ion Ratio Lower Upper

56 100

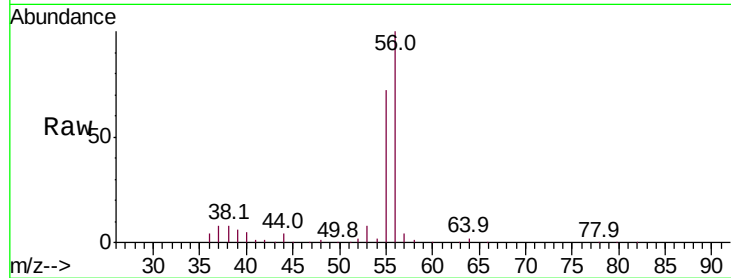
55 70.9 58.6 87.8

Manual Integrations

APPROVED

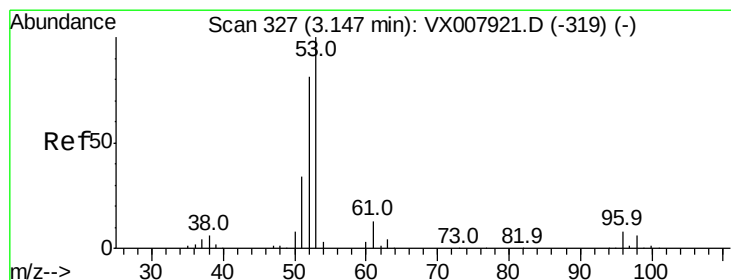
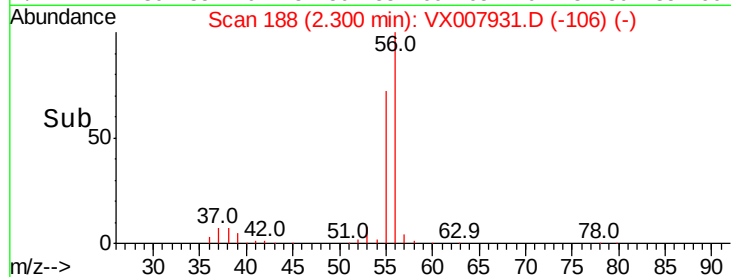
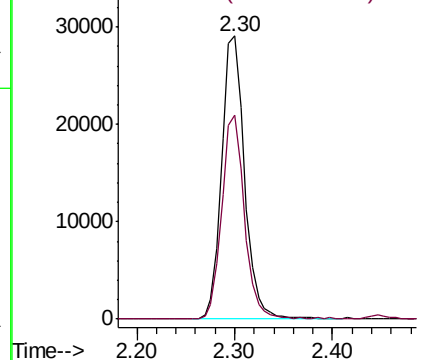
MMDadoda

3/11/2019 12:02:02 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 96.911 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

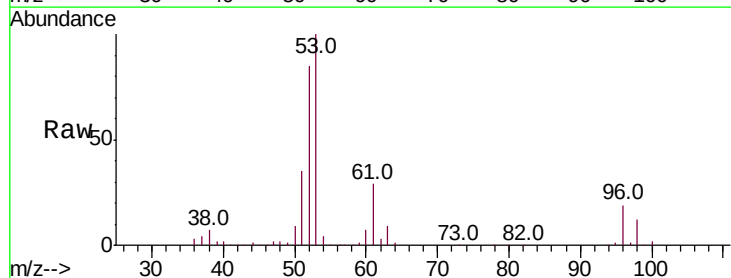
Tgt Ion: 53 Resp: 170529

Ion Ratio Lower Upper

53 100

52 82.8 41.3 124.1

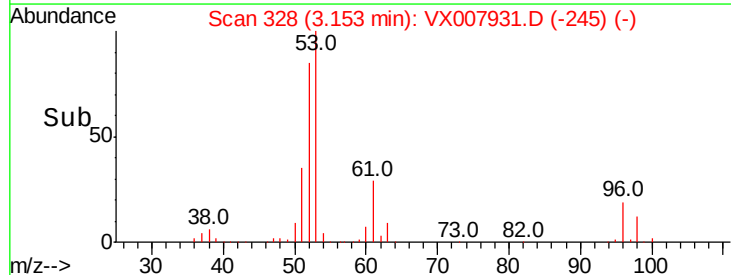
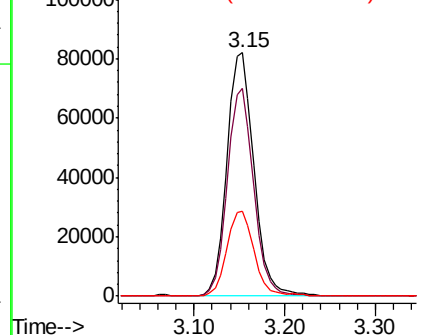
51 34.5 17.5 52.6

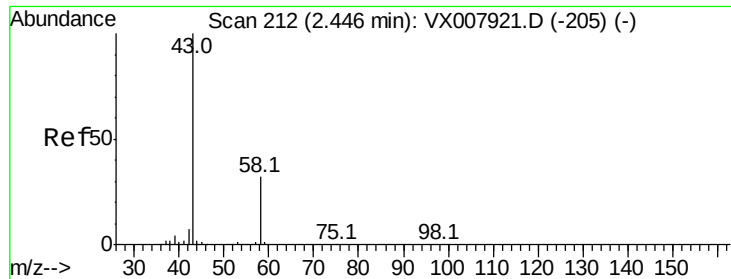


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 79.525 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleID :

VX0308WBSD01

Tot Ion: 58 Resp: 50522

Ion Ratio Lower Upper

58 100

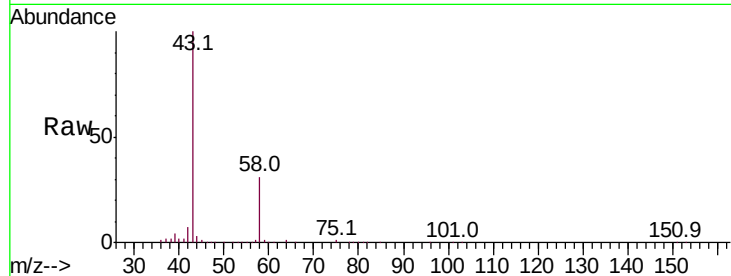
43 318.1 249.8 374.6

Manual Integrations

APPROVED

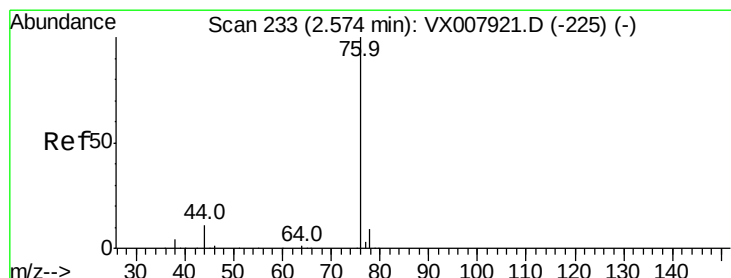
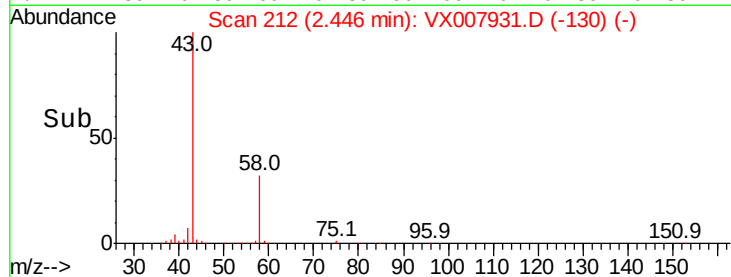
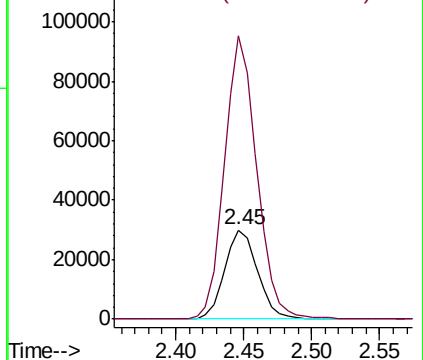
MMDadoda

3/11/2019 12:02:02 PM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.010 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007931.D

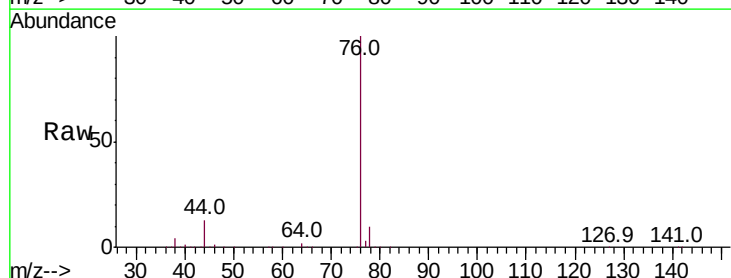
Acq: 08 Mar 2019 15:09

Tgt Ion: 76 Resp: 156328

Ion Ratio Lower Upper

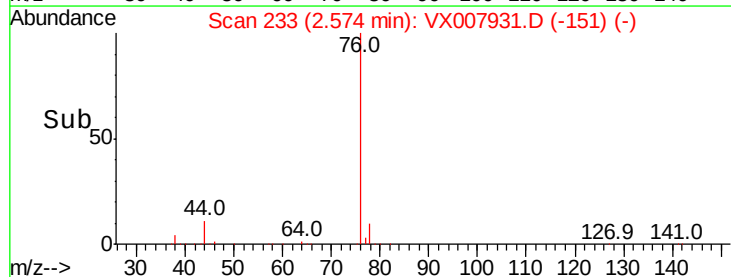
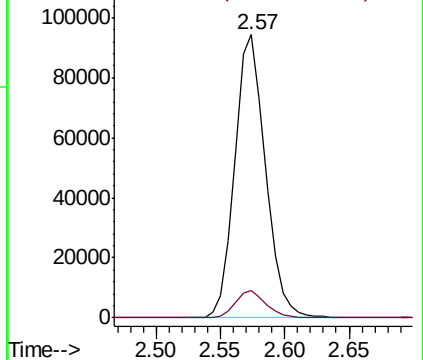
76 100

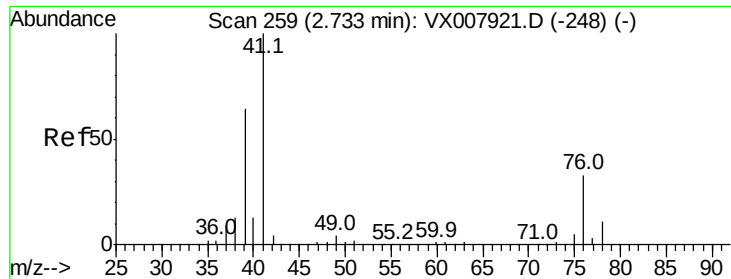
78 9.5 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





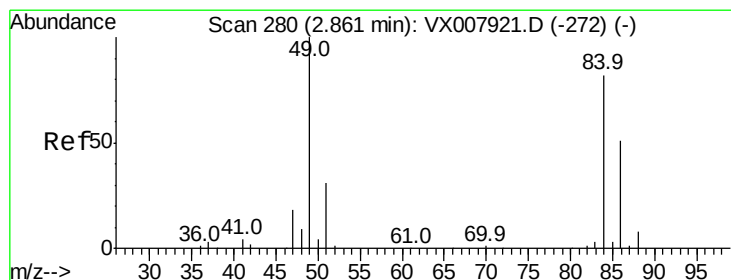
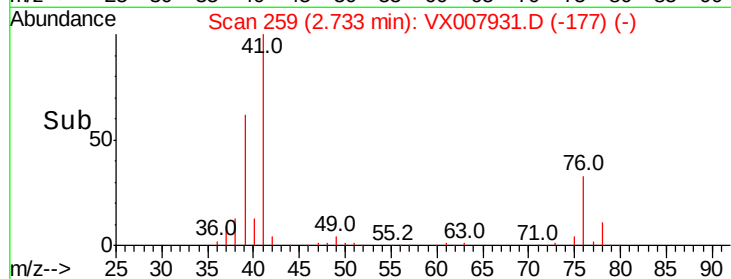
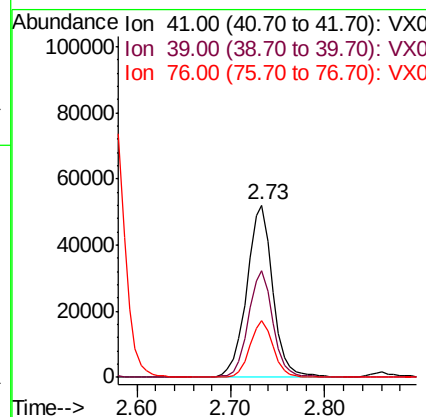
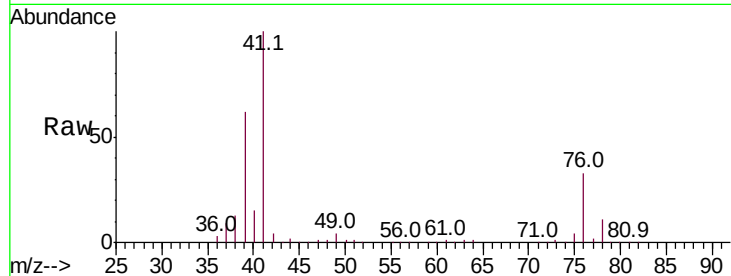
#17
Allvl chloride
Concen: 18.636 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.8	35.8	107.4
76	32.7	18.3	54.9

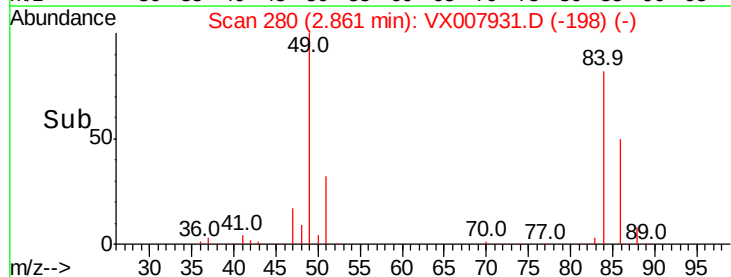
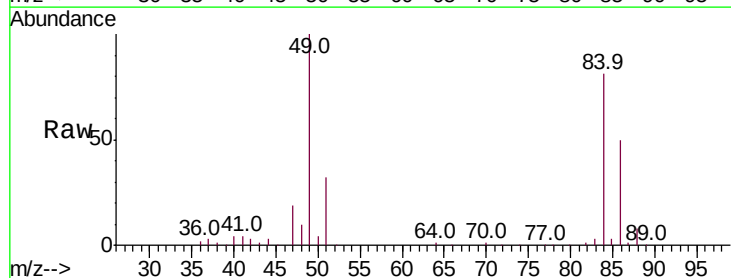
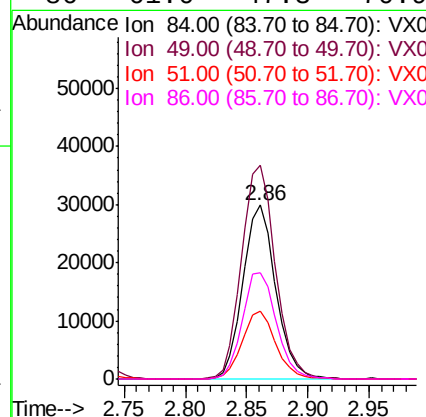
Manual Integrations
APPROVED

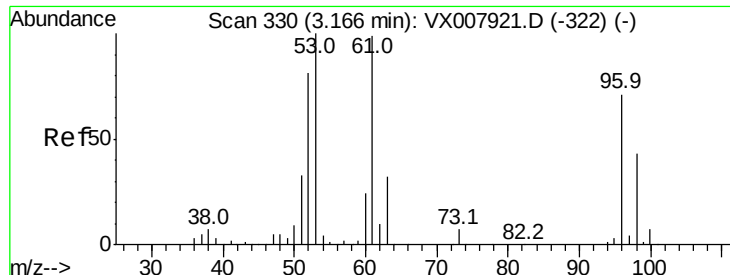
MMDadoda
3/11/2019 12:02:02 PM



#18
Methylene Chloride
Concen: 18.741 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	96.1	144.1
51	39.0	29.1	43.7
86	61.0	47.3	70.9





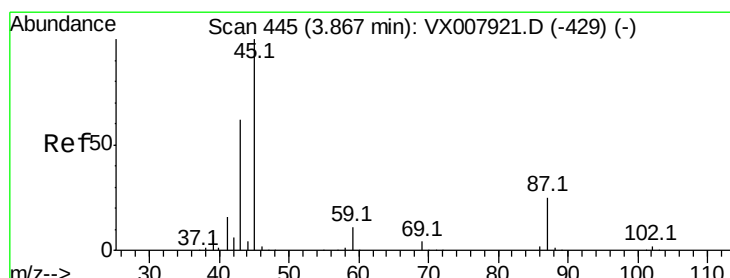
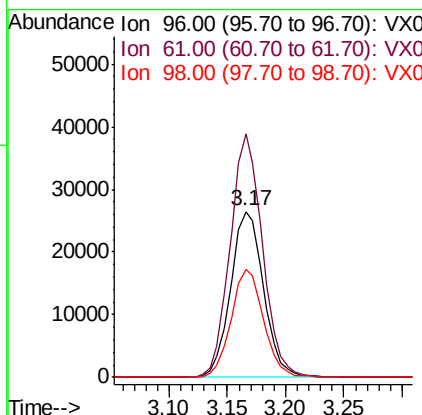
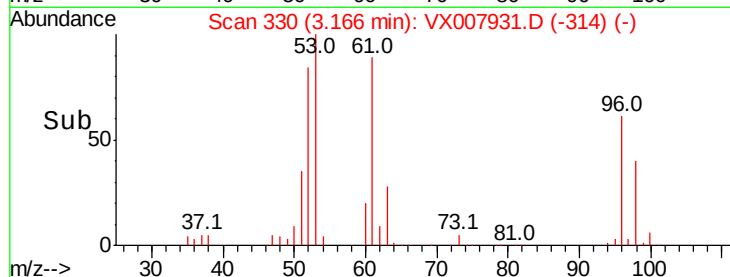
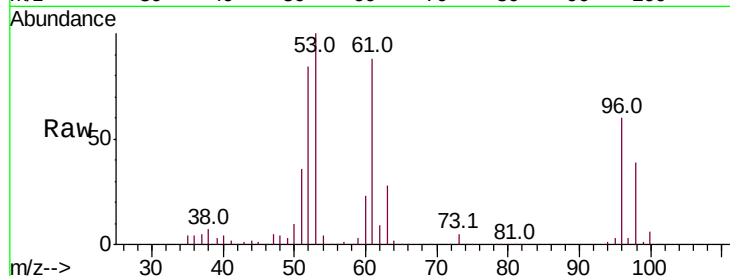
#19
trans-1,2-Dichloroethene
Concen: 18.800 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleID :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	109.9	164.9
98	65.2	50.4	75.6

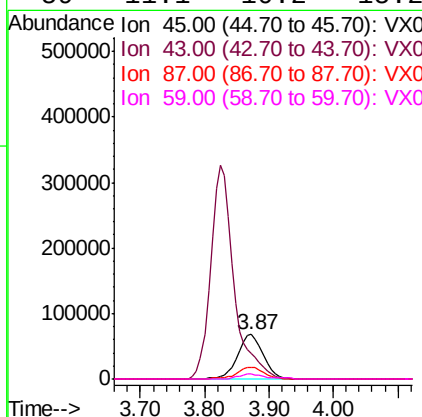
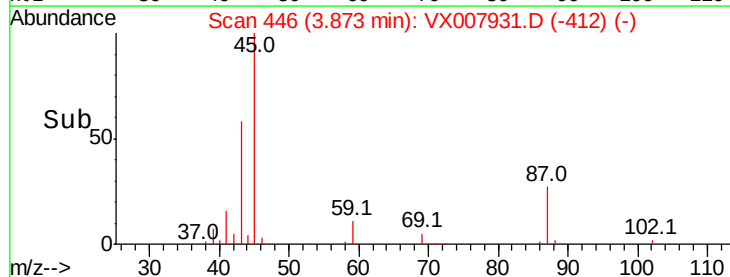
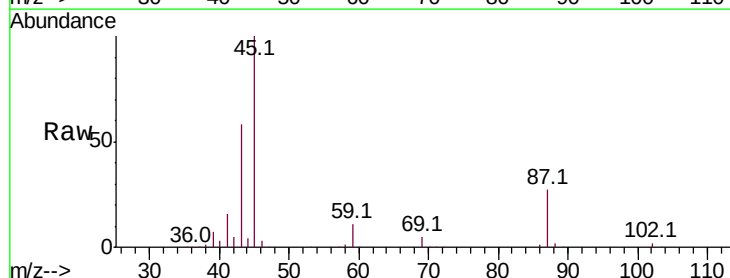
Manual Integrations
APPROVED

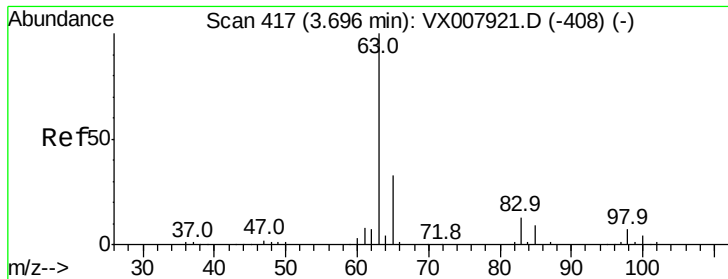
MMDadoda
3/11/2019 12:02:02 PM



#20
Diisopropyl ether
Concen: 19.217 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	50.6	76.0
87	26.8	24.5	36.7
59	11.1	10.2	15.2





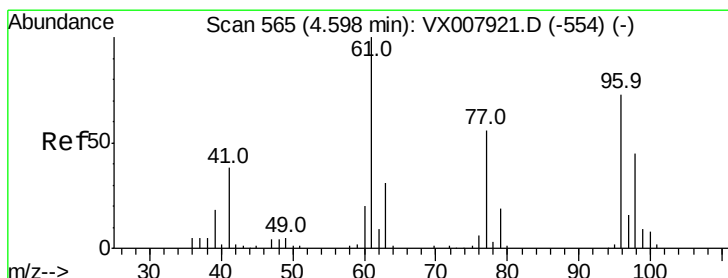
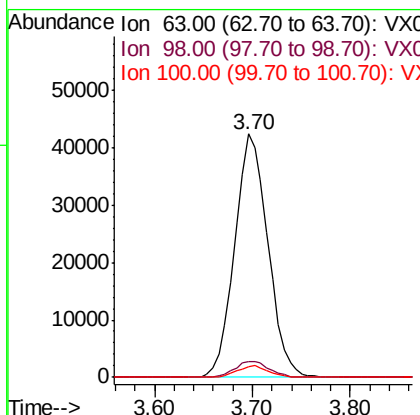
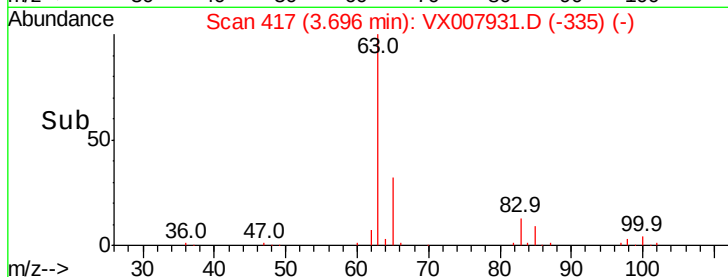
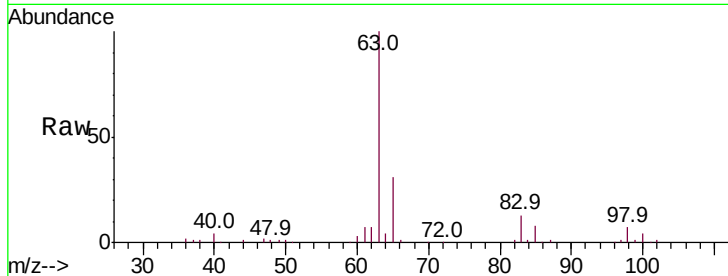
#21
 1,1-Dichloroethane
 Concen: 18.717 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion:	63	Resp:	100069
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.8	11.4
100	4.1	2.4	7.1

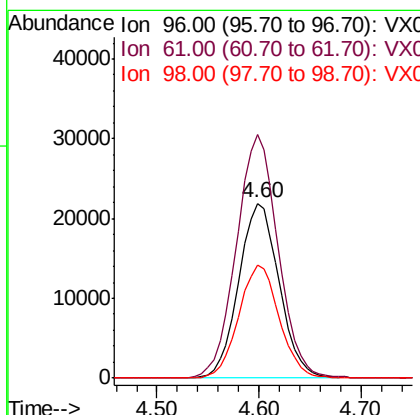
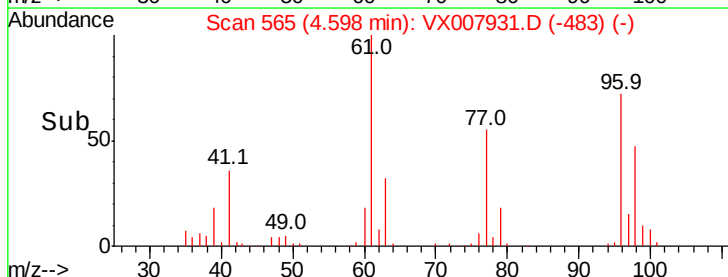
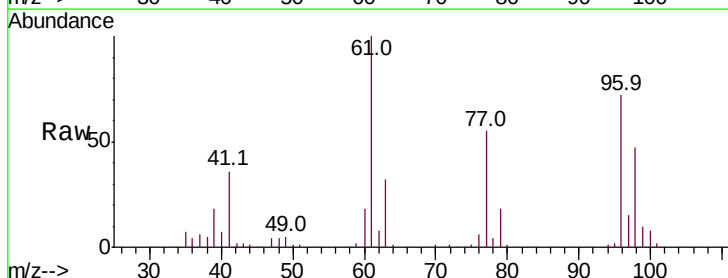
Manual Integrations
 APPROVED

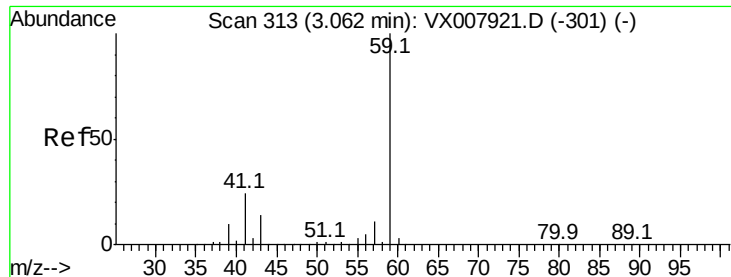
MMDadoda
 3/11/2019 12:02:02 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.881 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion:	96	Resp:	60400
Ion Ratio	Lower	Upper	
96	100		
61	143.6	103.5	155.3
98	64.8	52.1	78.1





#23

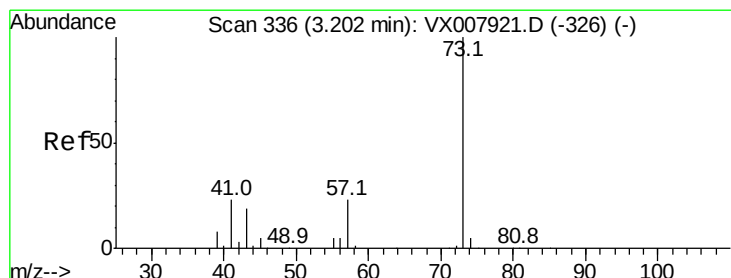
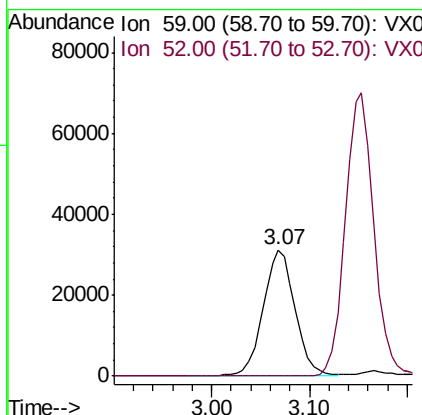
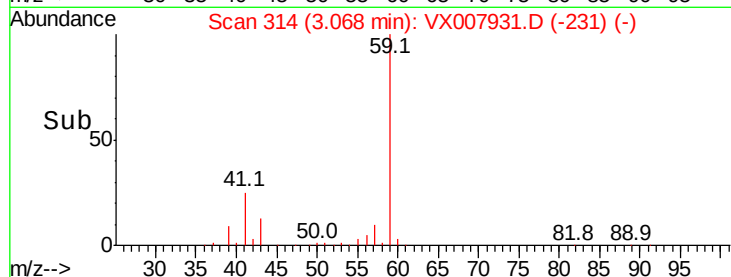
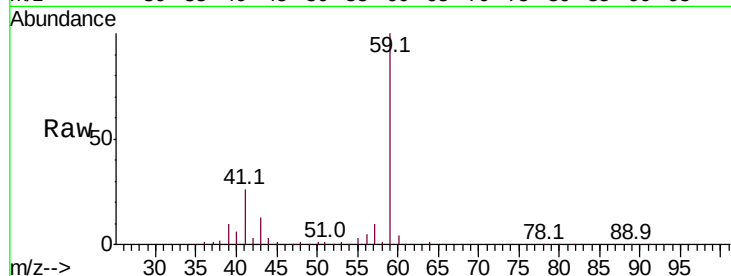
tert-Butyl Alcohol
 Concen: 100.391 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion: 59 Resp: 71267
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

Manual Integrations
 APPROVED

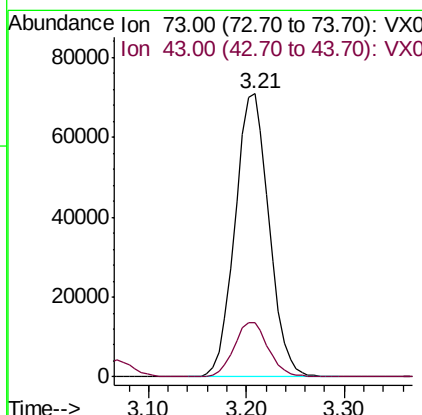
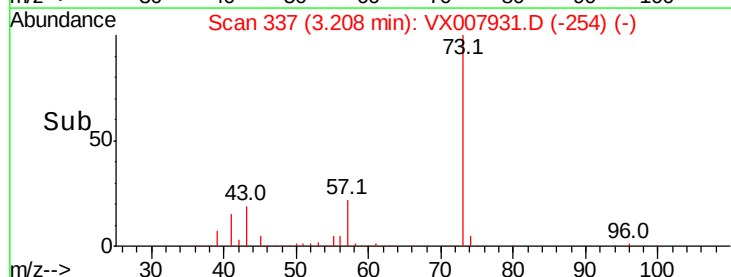
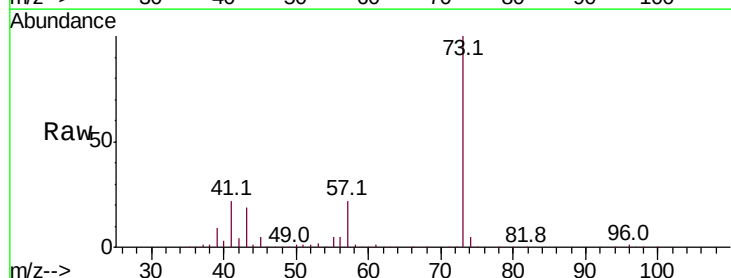
MMDadoda
 3/11/2019 12:02:02 PM

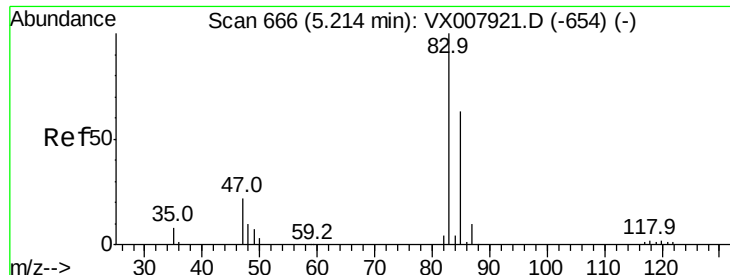


#24

Methyl tert-Butyl Ether
 Concen: 18.983 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 73 Resp: 171068
 Ion Ratio Lower Upper
 73 100
 43 19.3 17.1 25.7





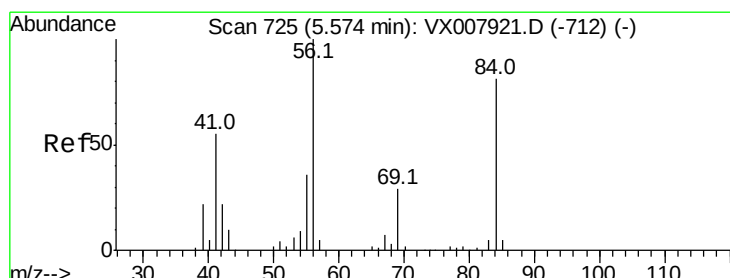
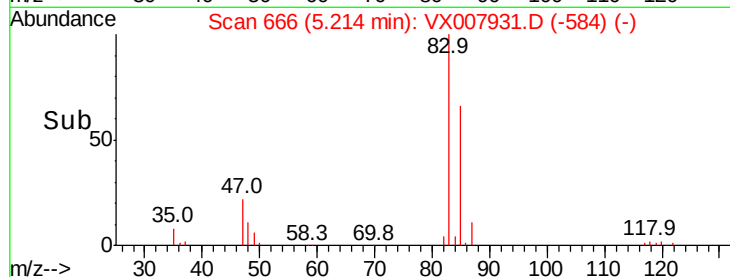
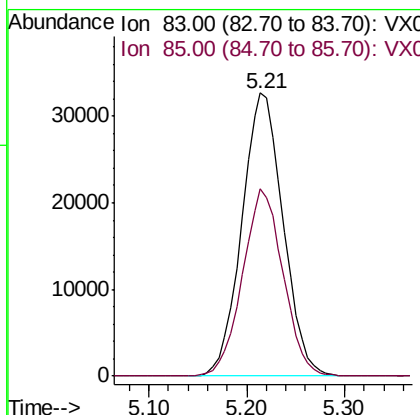
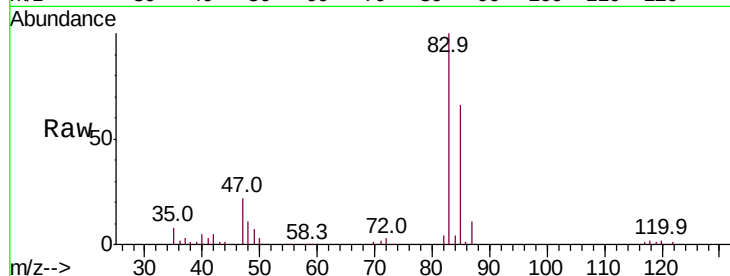
#25
Chloroform
Concen: 18.903 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion	83	Resp	95392
Ion Ratio	100	Lower	Upper
85	66.4	53.8	80.6

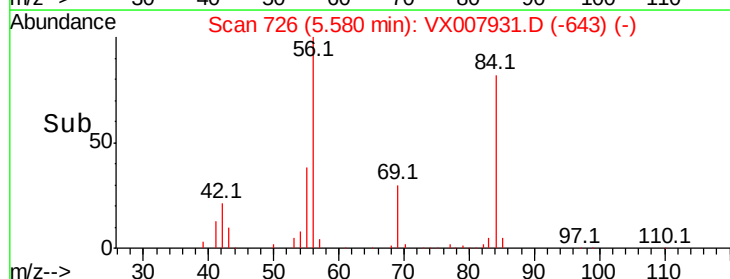
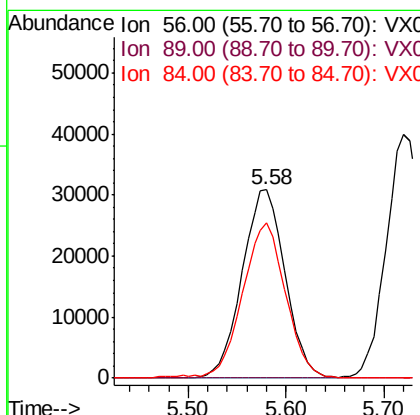
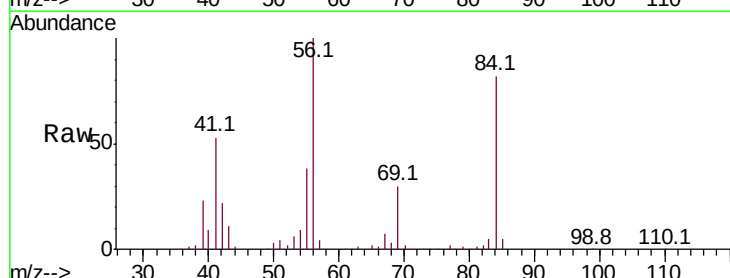
Manual Integrations
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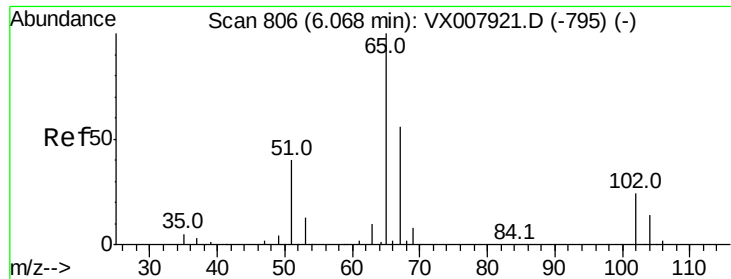
MMDadoda
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#26
Cyclohexane
Concen: 19.031 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	56	Resp	94020
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	82.1	73.9	110.9





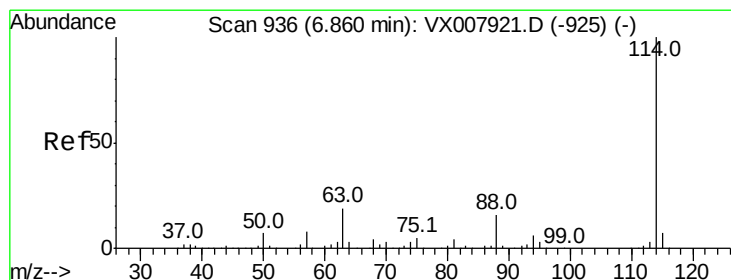
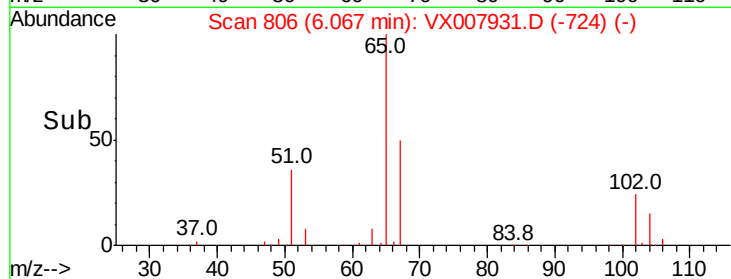
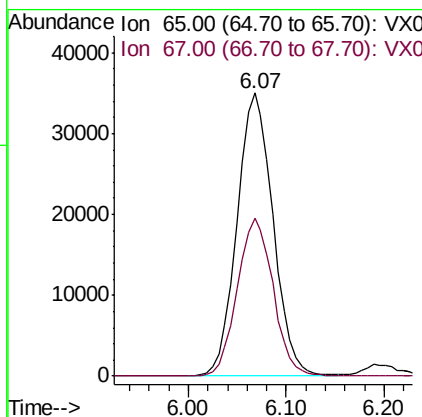
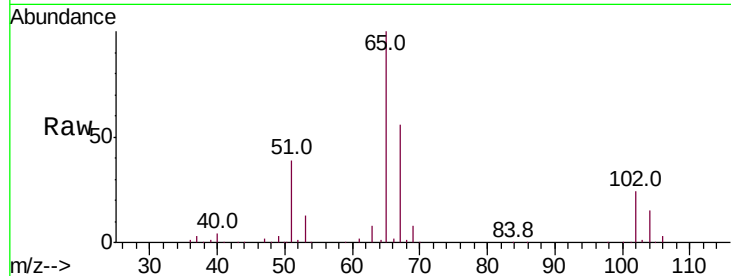
#27
 1,2-Dichloroethane-d4
 Concen: 30.250 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	42.9	64.3

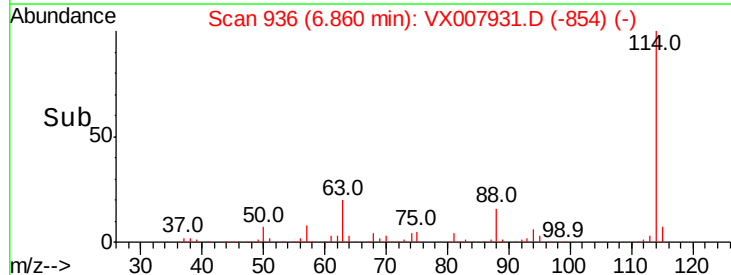
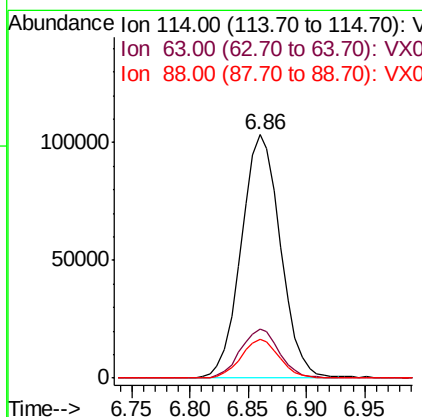
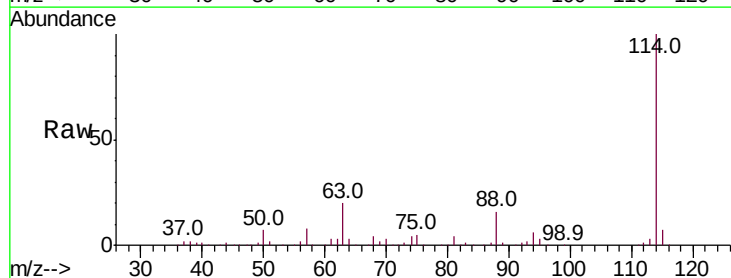
Manual Integrations
 APPROVED

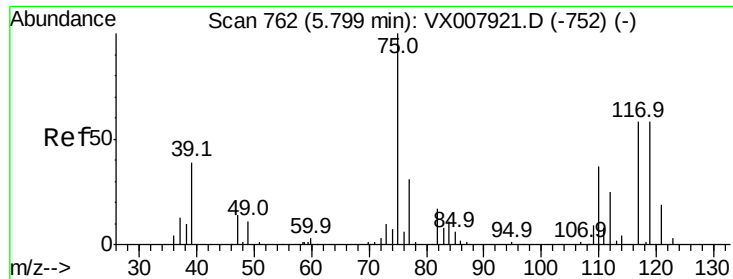
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.2	21.4
88	15.5	11.9	17.9





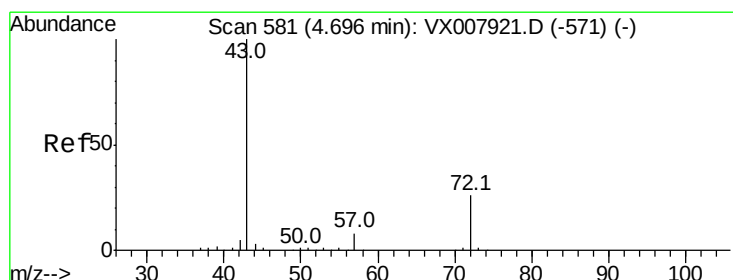
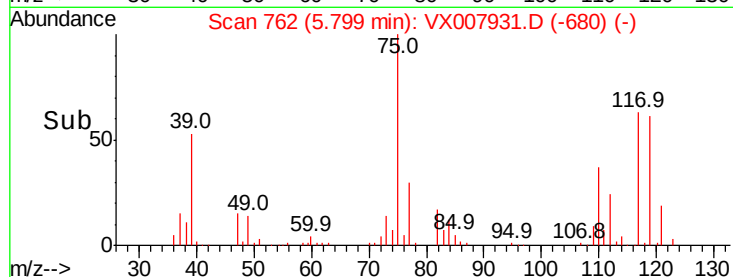
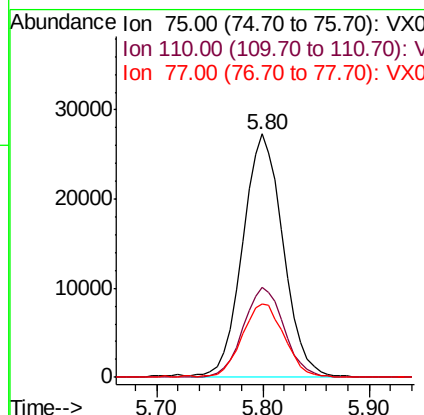
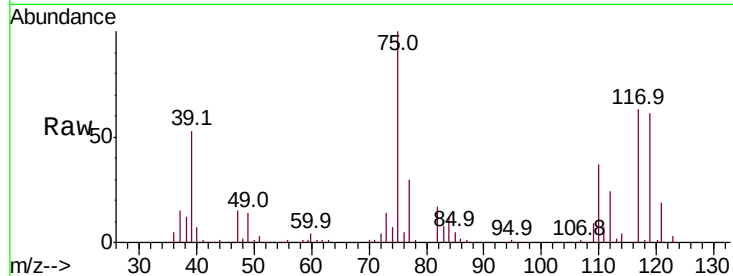
#29
 1,1-Dichloropropene
 Concen: 18.891 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	80.8
77	31.3	0.0	62.4

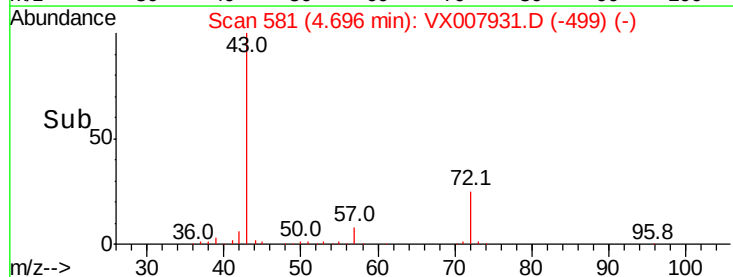
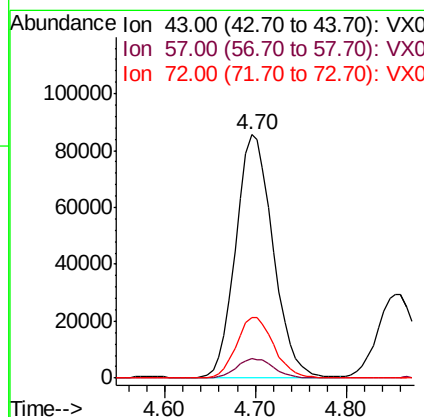
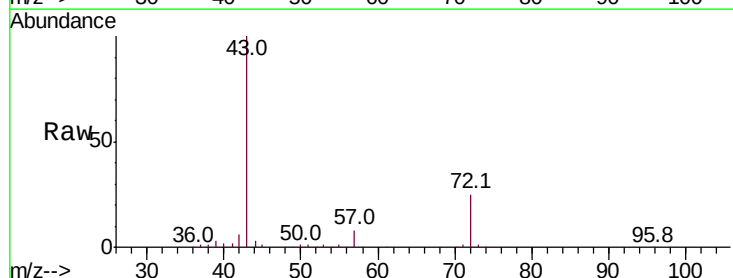
Manual Integrations
 APPROVED

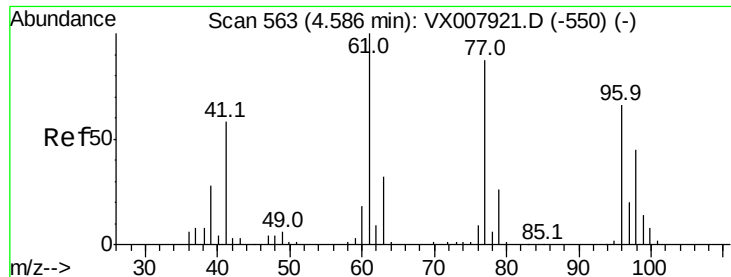
MMDadoda
 3/11/2019 12:02:02 PM



#30
 2-Butanone
 Concen: 93.672 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	7.0	10.6
72	25.2	21.5	32.3





#31

2,2-Dichloropropane

Concen: 17.610 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 77 Resp: 62719

Ion Ratio Lower Upper

77 100

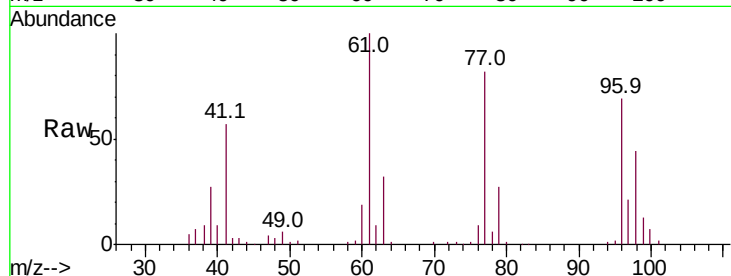
97 24.7 20.6 31.0

Manual Integrations

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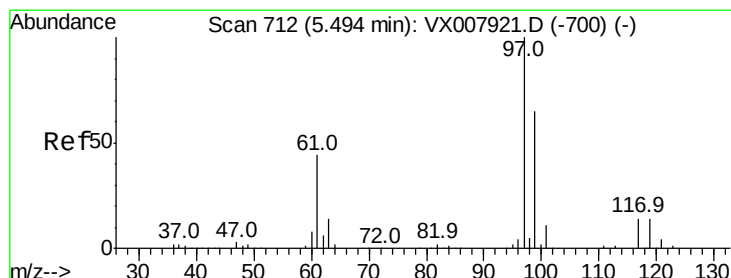
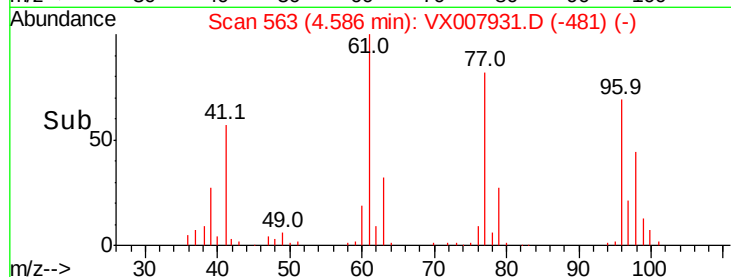
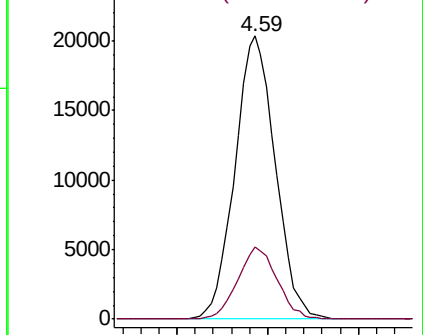
MMDadoda

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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.897 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

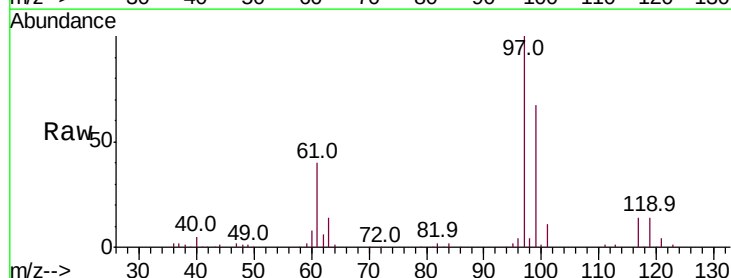
Tgt Ion: 97 Resp: 78792

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

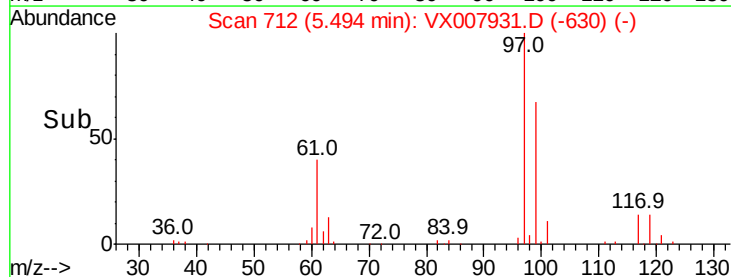
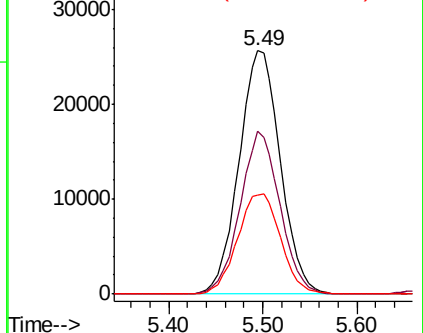
61 42.9 32.8 49.2

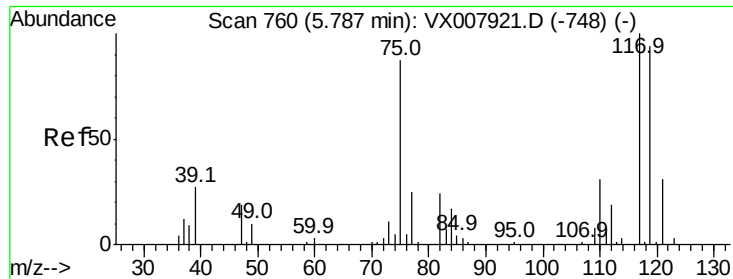


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 18.706 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion:117 Resp: 69181

Ion Ratio Lower Upper

117 100

119 95.5 78.1 117.1

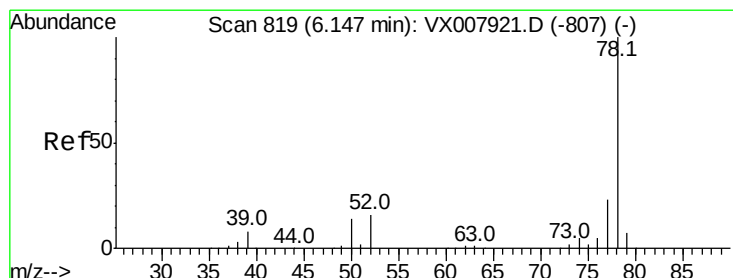
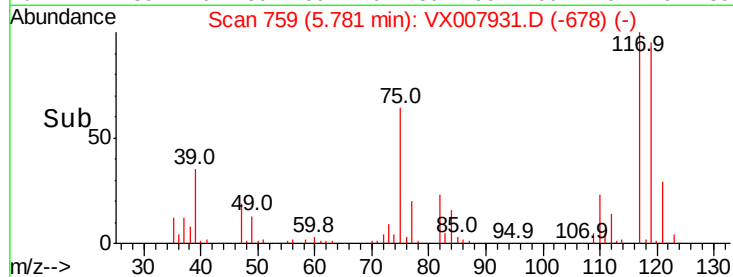
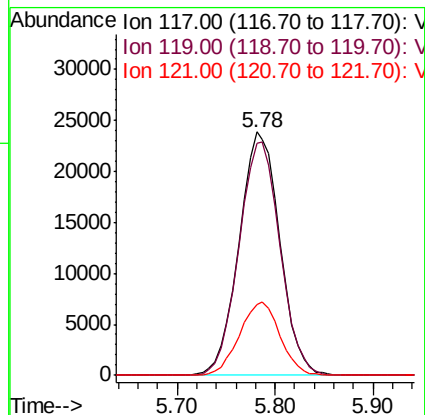
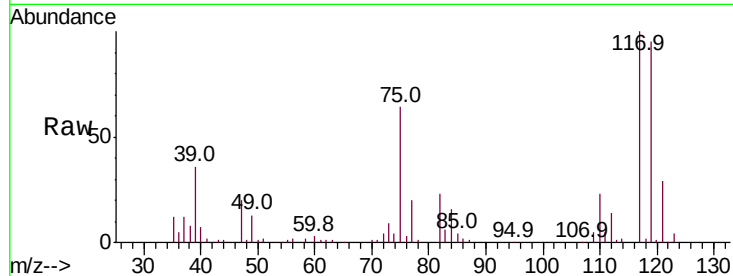
121 29.3 27.0 40.6

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#34

Benzene

Concen: 19.060 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

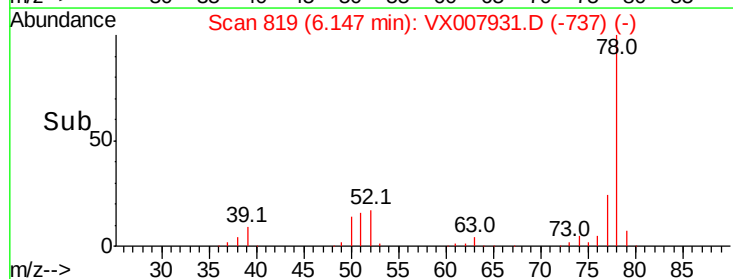
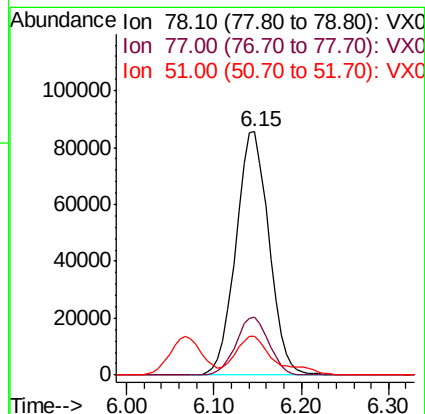
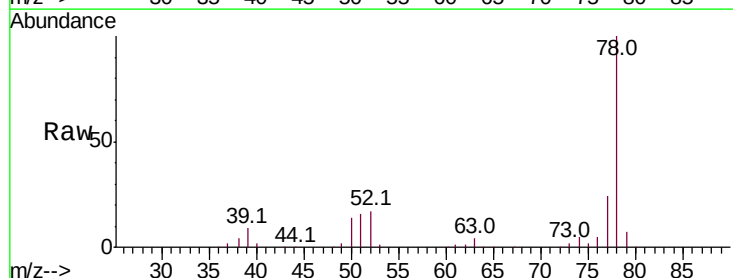
Tgt Ion: 78 Resp: 225223

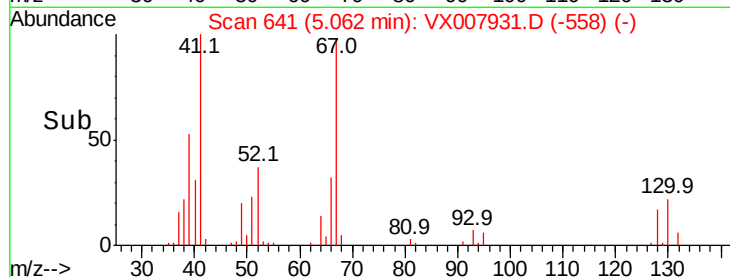
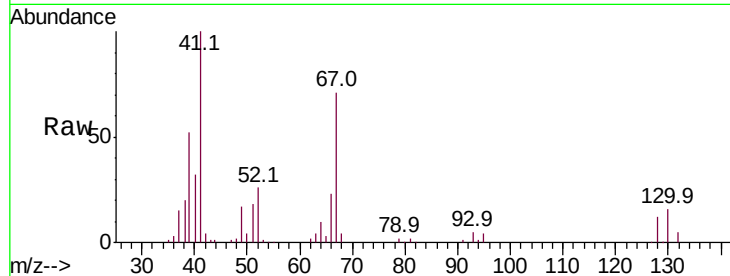
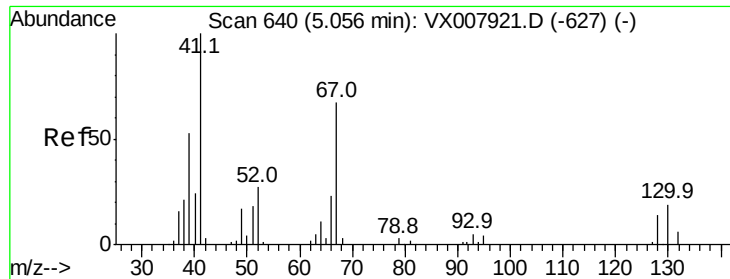
Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

51 15.7 10.8 16.2





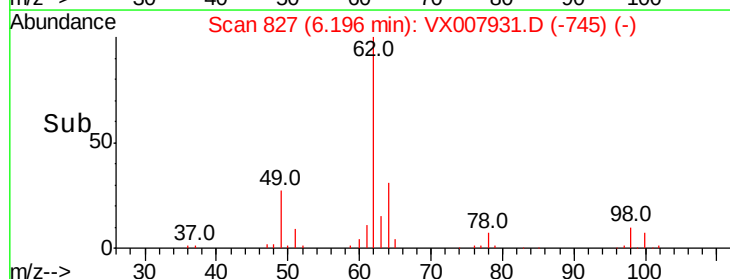
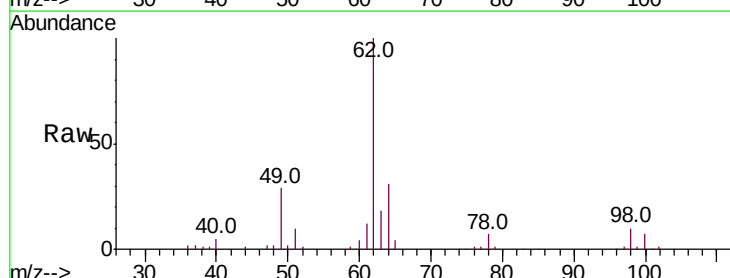
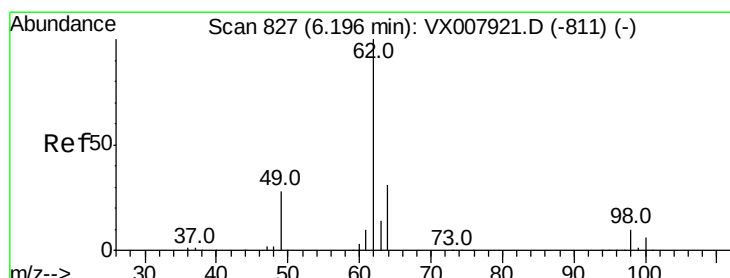
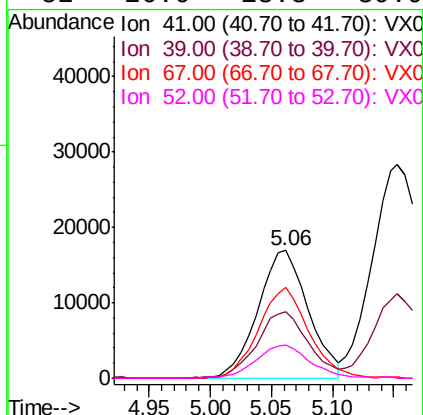
#35
Methacrylonitrile
Concen: 19.249 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	27.4	82.0	
67	70.6	37.9	113.6	
52	26.0	13.3	39.9	

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

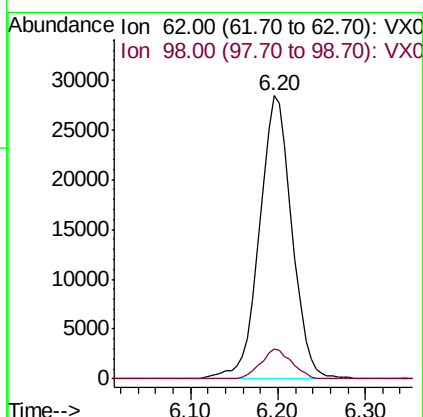
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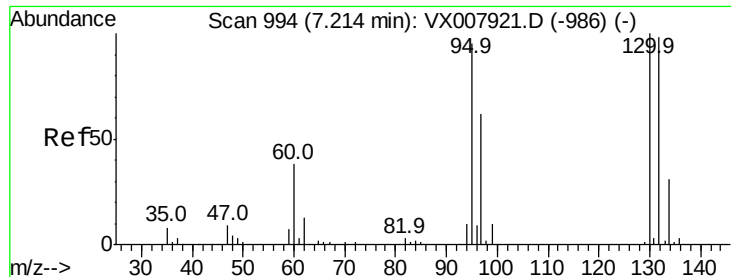
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.155 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	7.8	11.8	





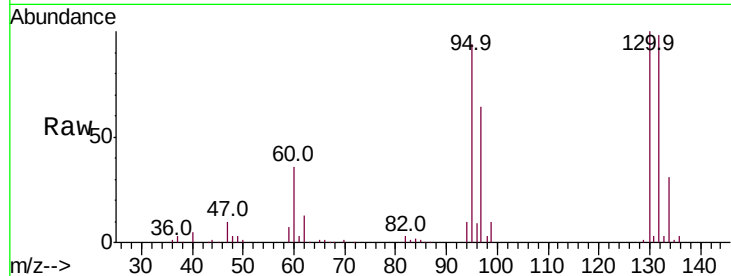
#37
 Trichloroethene
 Concen: 19.011 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

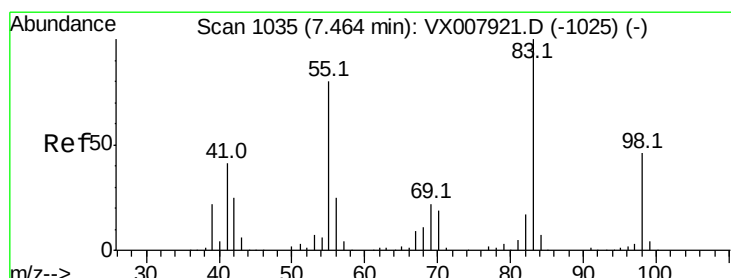
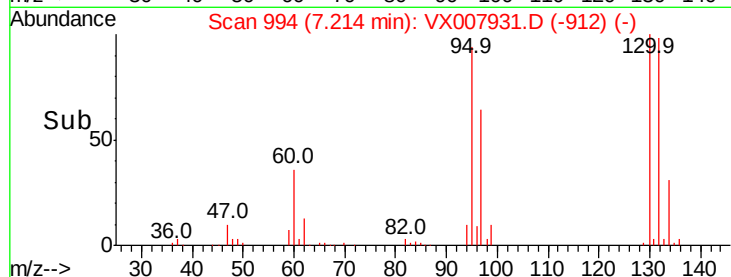
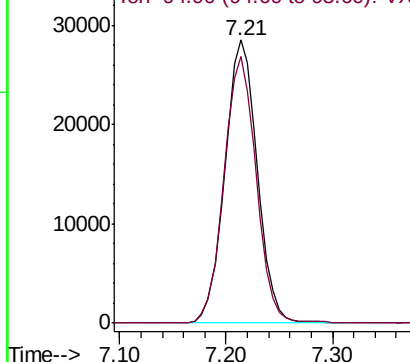
Tot Ion:130 Resp: 60864
 Ion Ratio Lower Upper
 130 100
 95 94.2 71.3 106.9

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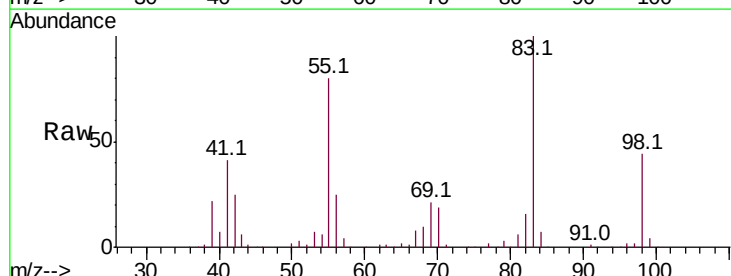


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

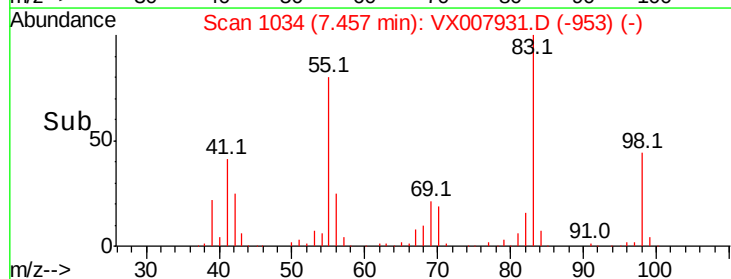
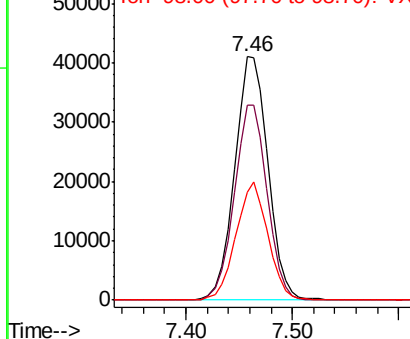


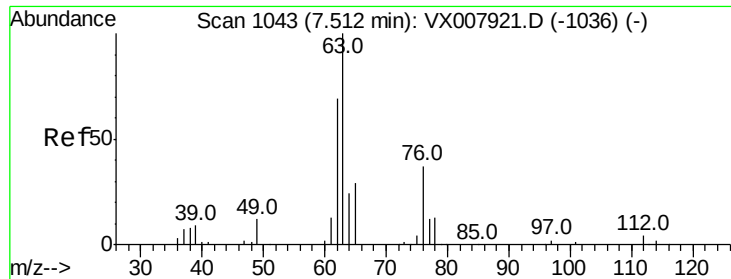
#38
 Methylcyclohexane
 Concen: 18.347 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 83 Resp: 89945
 Ion Ratio Lower Upper
 83 100
 55 79.1 36.0 108.0
 98 46.7 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





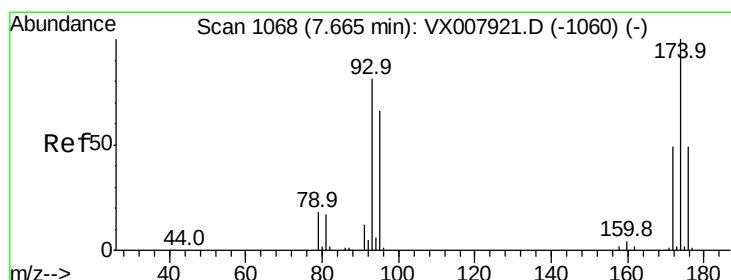
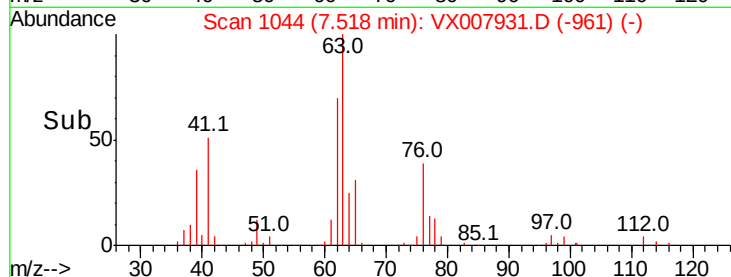
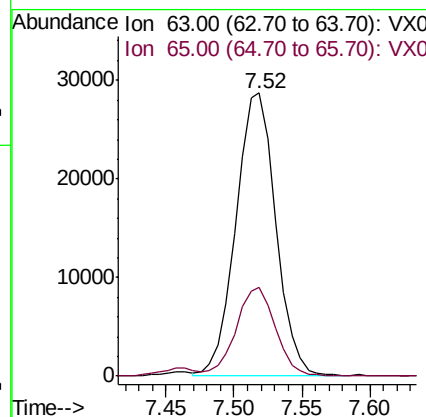
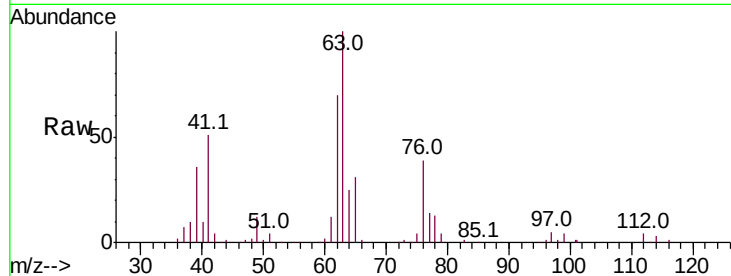
#39
 1,2-Dichloropropane
 Concen: 19.108 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion: 63 Resp: 58884
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0

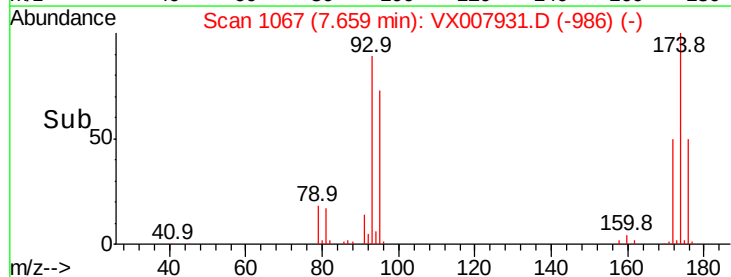
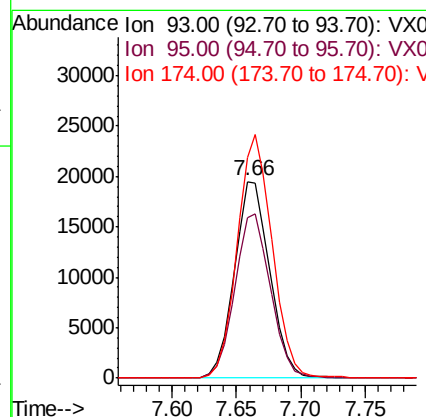
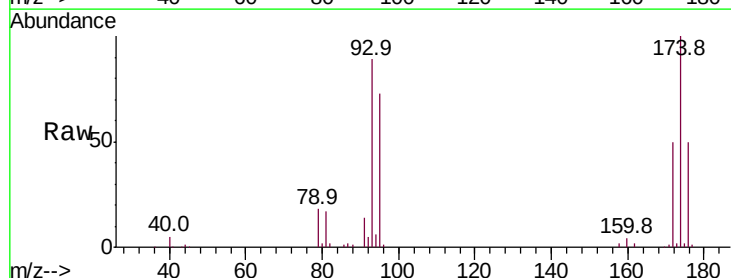
Manual Integrations
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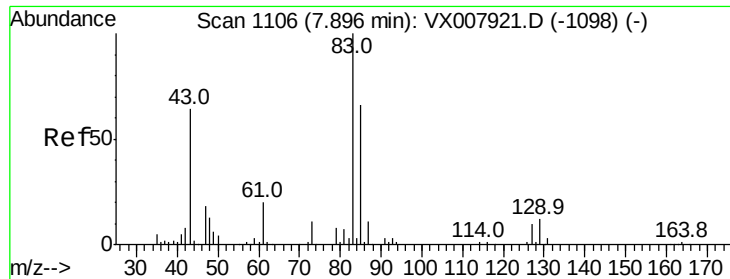
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#40
 Dibromomethane
 Concen: 19.087 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion: 93 Resp: 37311
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 158.8
 174 121.4 0.0 224.2





#41

Bromodichloromethane

Concen: 18.645 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

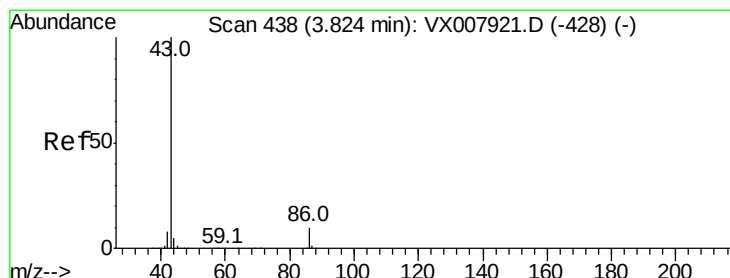
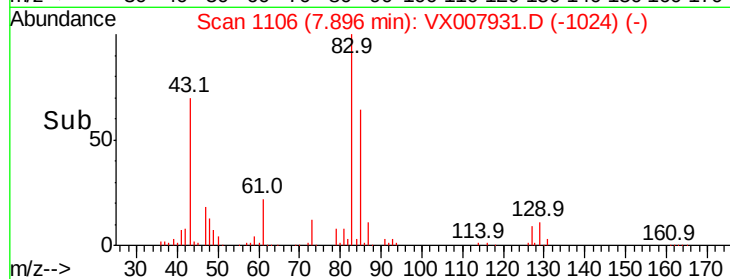
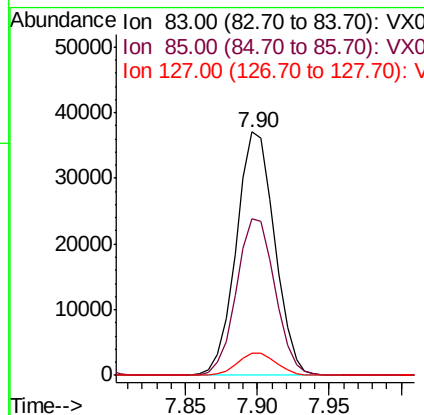
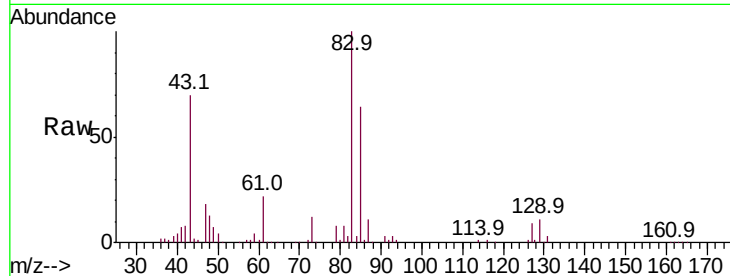
ClientSampleId :

VX0308WBSD01

Tot Ion:	83	Resp:	68891
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.1	76.7
127	9.0	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.174 ug/l

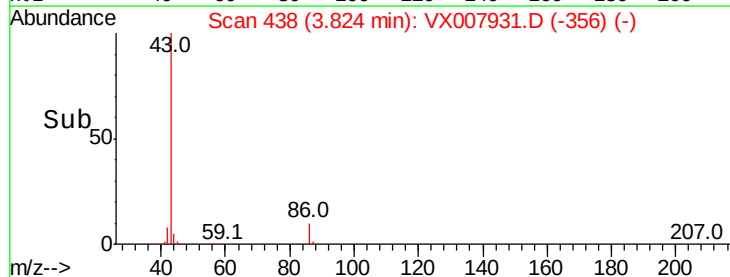
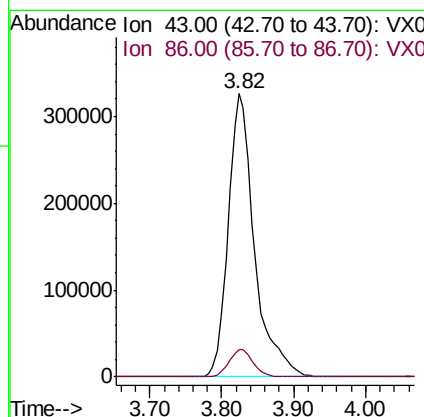
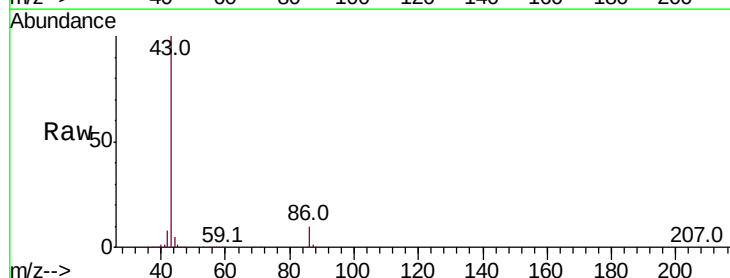
RT: 3.82 min Scan# 438

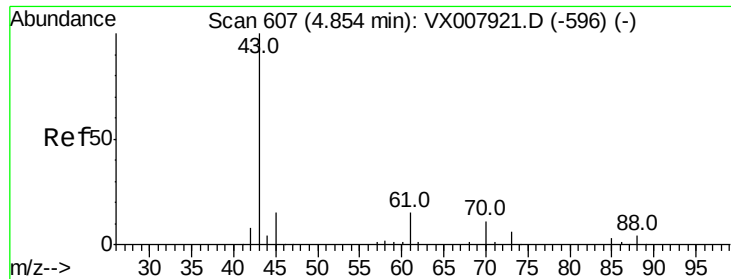
Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion:	43	Resp:	826465
Ion Ratio	Lower	Upper	
43	100		
86	8.9	8.2	12.2





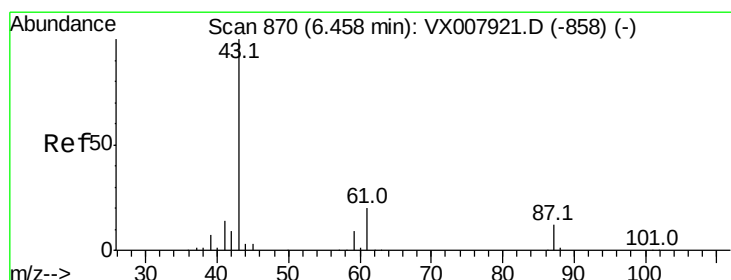
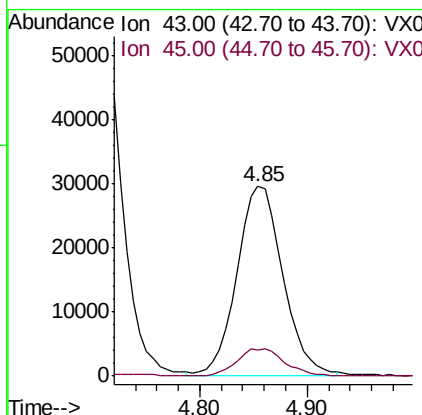
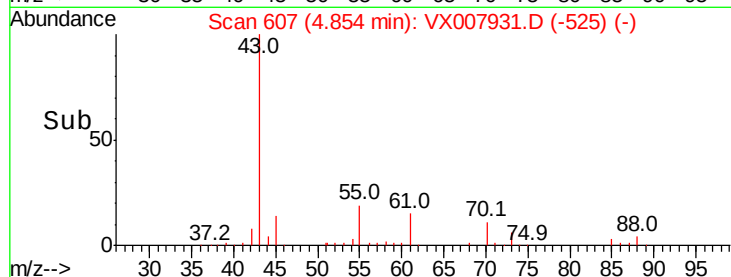
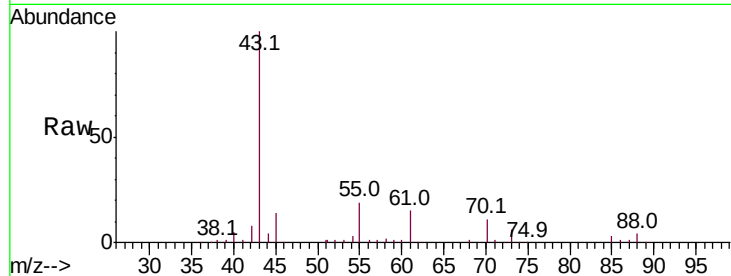
#43
Ethyl Acetate
Concen: 19.539 ug/l m
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion: 43 Resp: 88508
Ion Ratio Lower Upper
43 100
45 0.2 6.9 10.3#

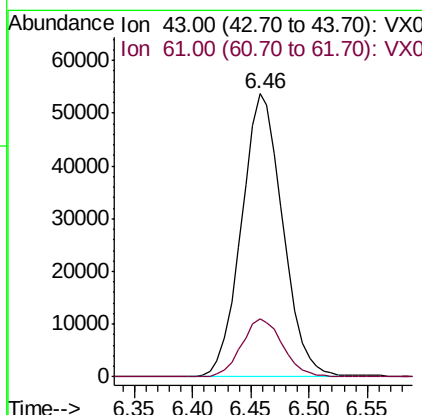
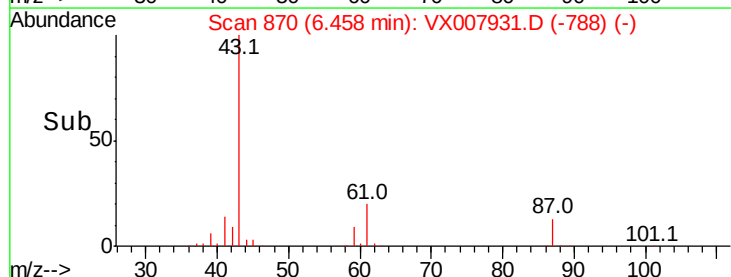
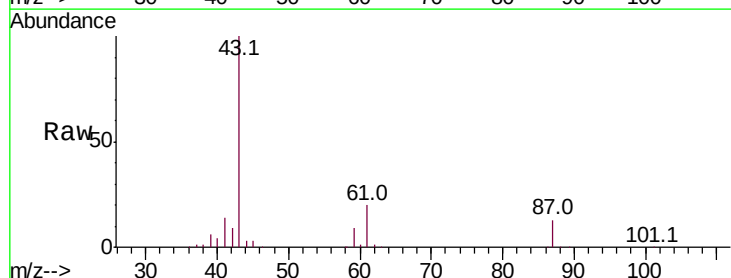
Manual Integrations
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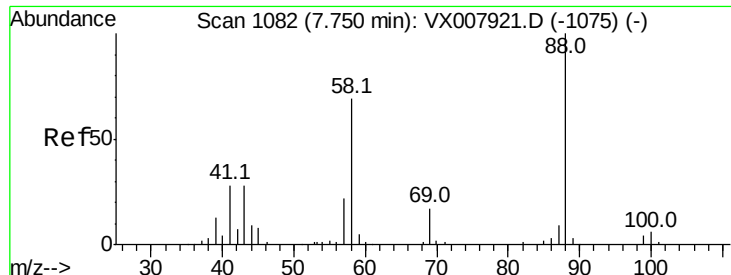
MMDadoda
3/11/2019 12:02:02 PM



#44
Isopropyl Acetate
Concen: 19.084 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 43 Resp: 131905
Ion Ratio Lower Upper
43 100
61 20.8 16.1 24.1





#45

1,4-Dioxane

Concen: 411.499 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

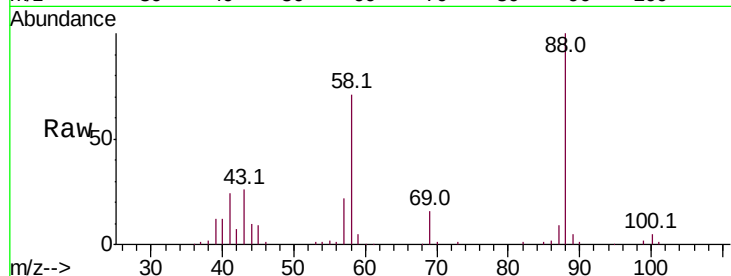
ClientSampleId :

VX0308WBSD01

Tot Ion:	88	Resp:	29757
Ion	Ratio	Lower	Upper
88	100		
43	30.9	23.6	35.4
58	71.4	51.6	77.4

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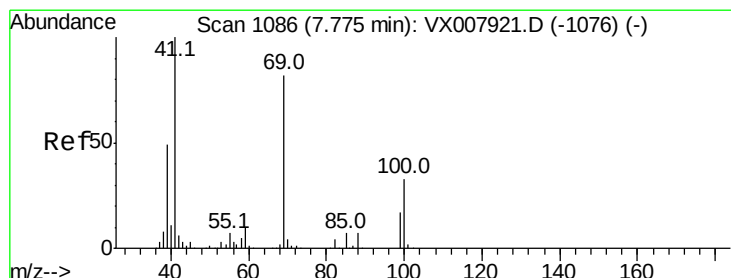
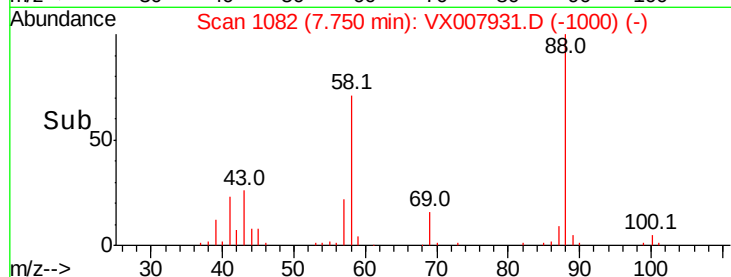
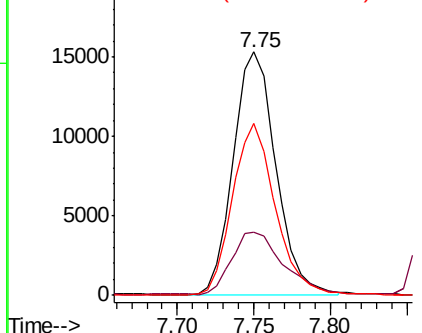


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.536 ug/l

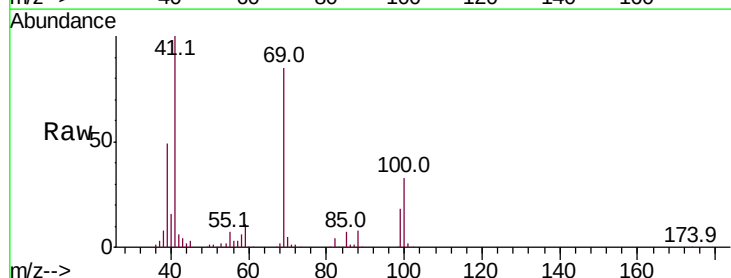
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion:	41	Resp:	71014
Ion	Ratio	Lower	Upper
41	100		
69	85.3	44.2	132.6
39	49.2	29.9	89.8

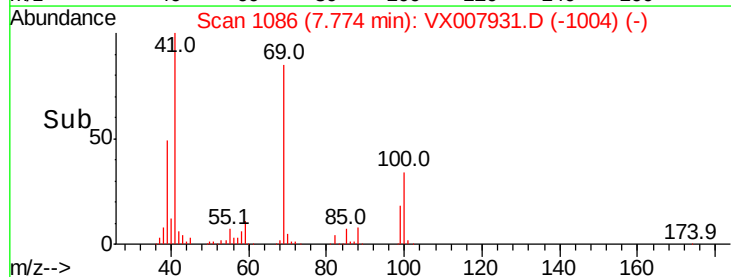
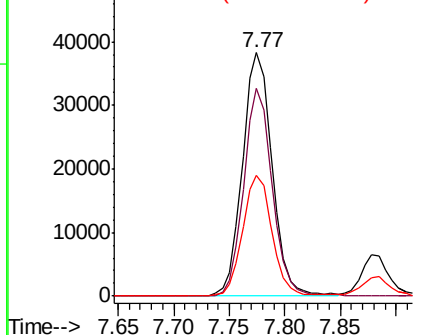


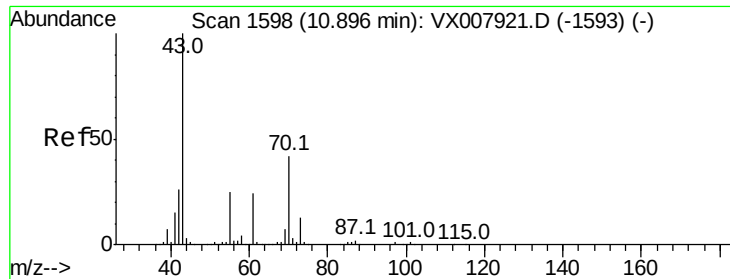
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.911 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion: 43 Resp: 112622

Ion Ratio Lower Upper

43 100

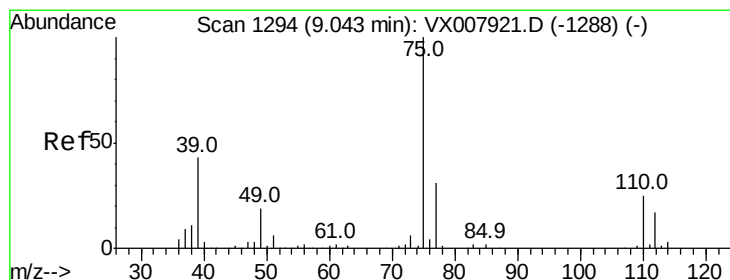
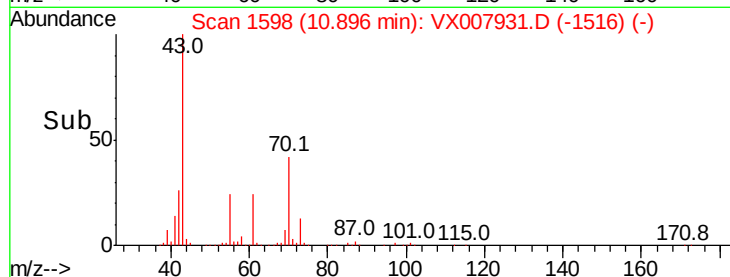
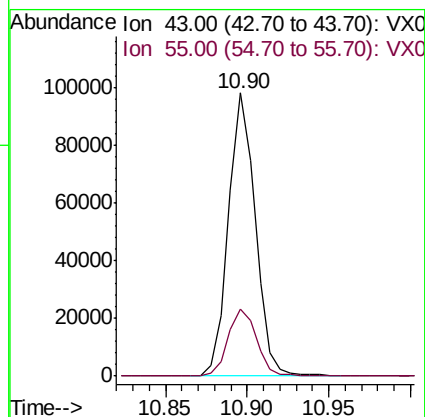
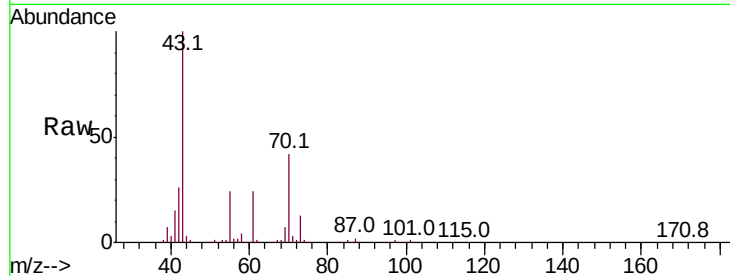
55 25.1 20.8 31.2

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#48

t-1,3-Dichloropropene

Concen: 17.873 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007931.D

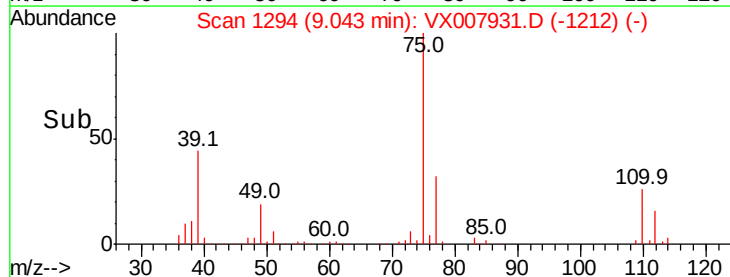
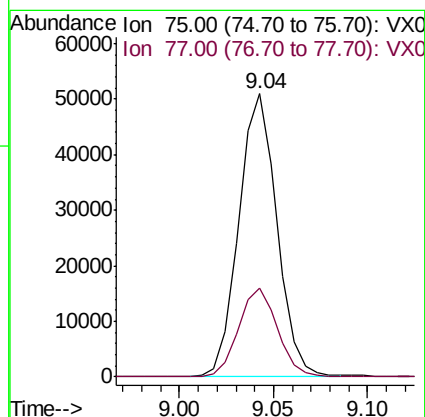
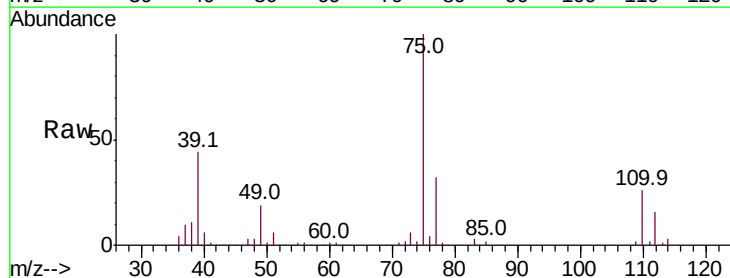
Acq: 08 Mar 2019 15:09

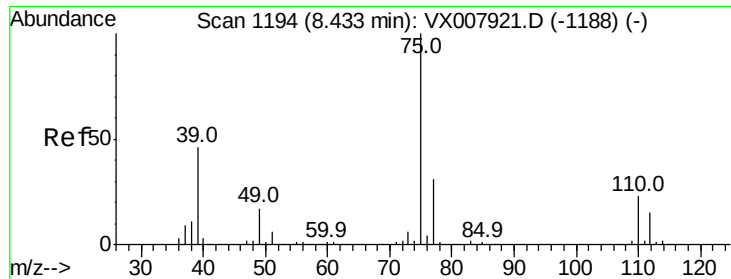
Tgt Ion: 75 Resp: 71521

Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7





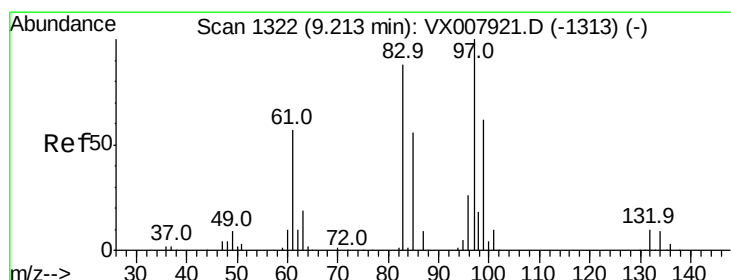
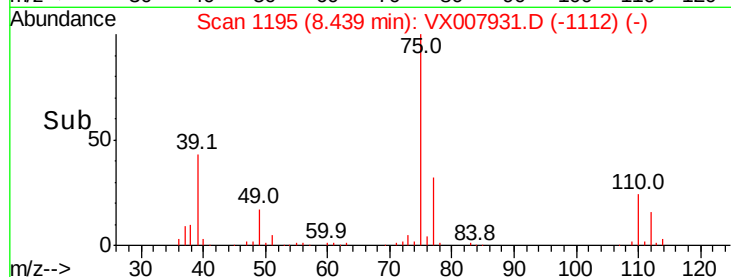
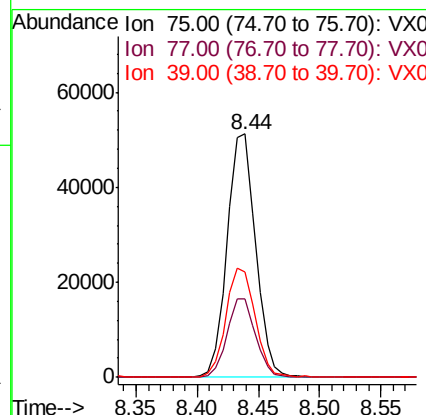
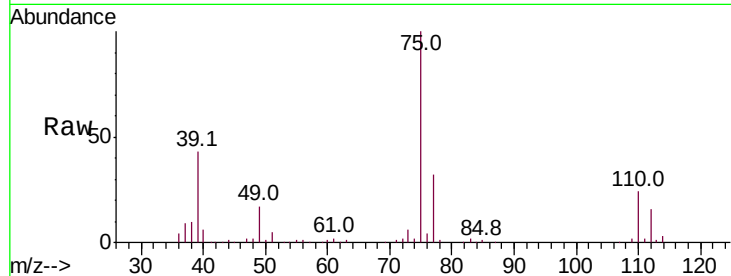
#49
 cis-1,3-Dichloropropene
 Concen: 18.302 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.4
39	43.3	38.5	57.7

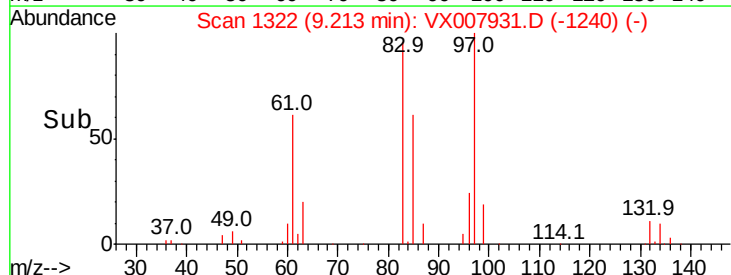
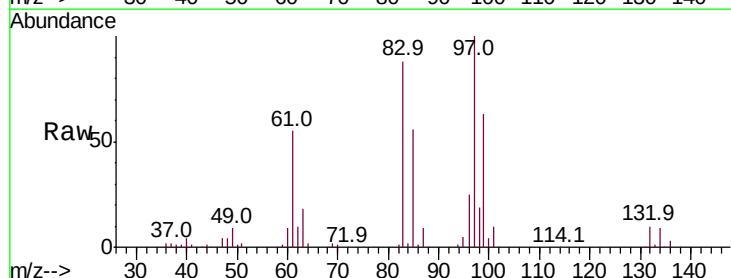
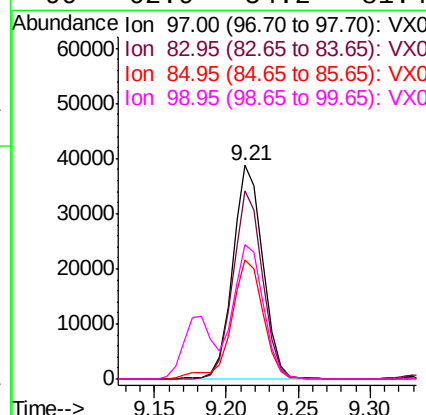
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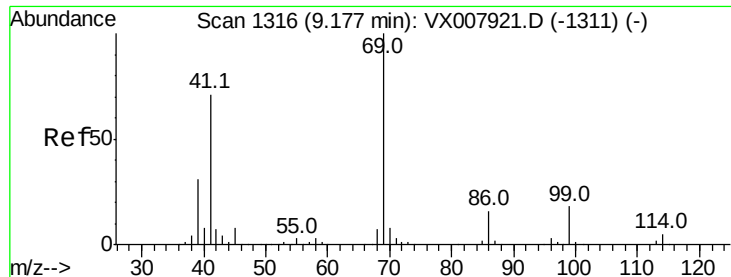
MMDadoda
 3/11/2019 12:02:02 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.994 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	55.8	45.0	67.6
99	62.9	54.2	81.4





#51

Ethyl methacrylate

Concen: 19.246 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

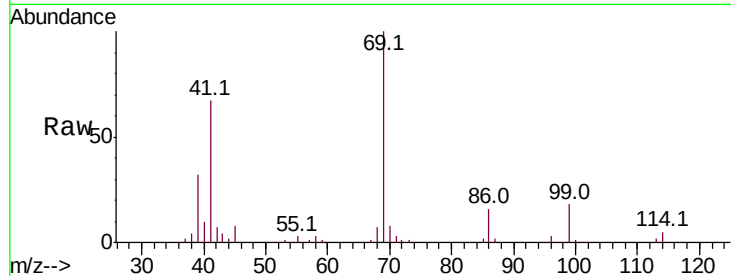
ClientSampleId :

VX0308WBSD01

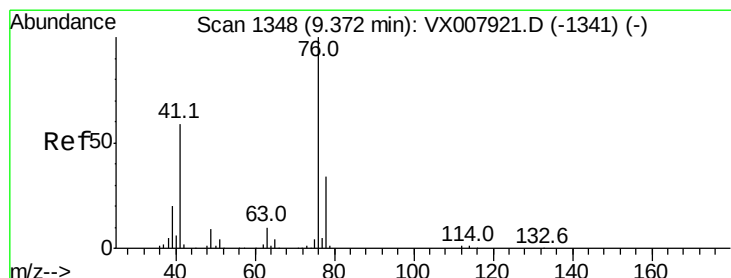
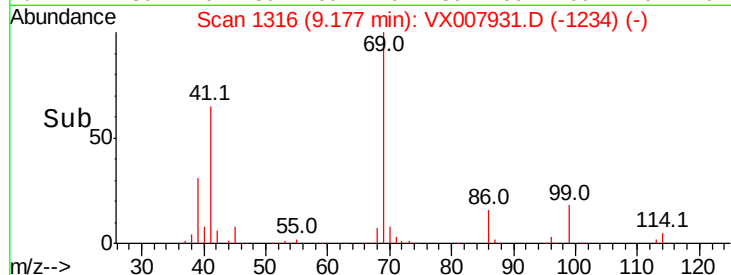
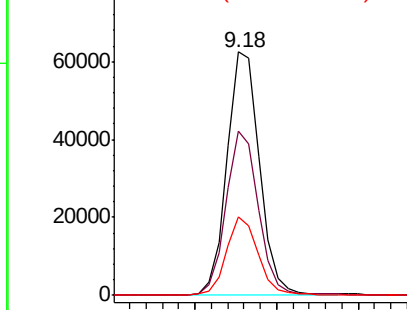
Tot Ion:	69	Resp:	86966
Ion	Ratio	Lower	Upper
69	100		
41	67.2	32.1	96.5
39	32.3	18.8	56.3

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



#52

1,3-Dichloropropane

Concen: 19.413 ug/l

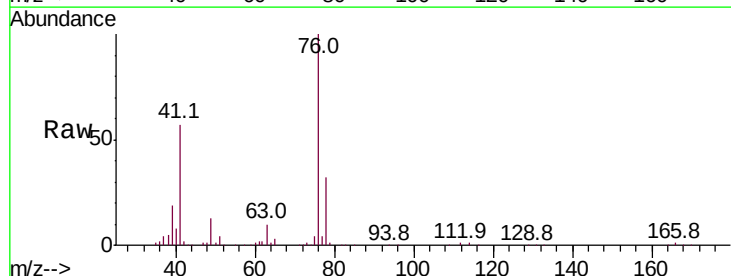
RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

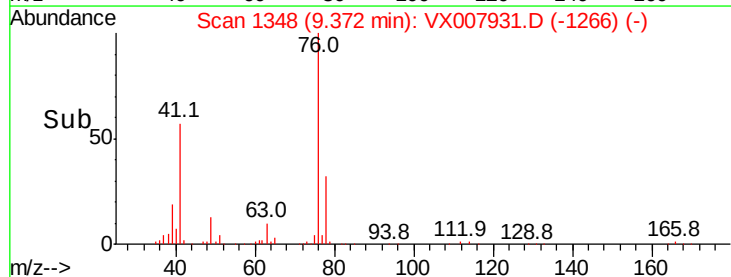
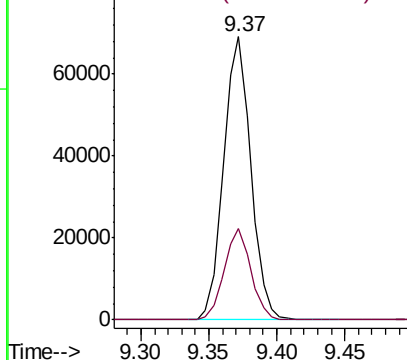
Lab File: VX007931.D

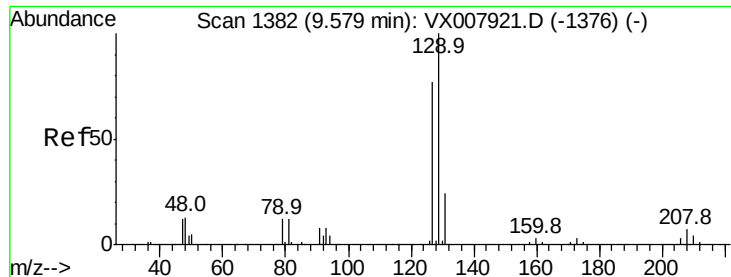
Acq: 08 Mar 2019 15:09

Tgt Ion:	76	Resp:	95575
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





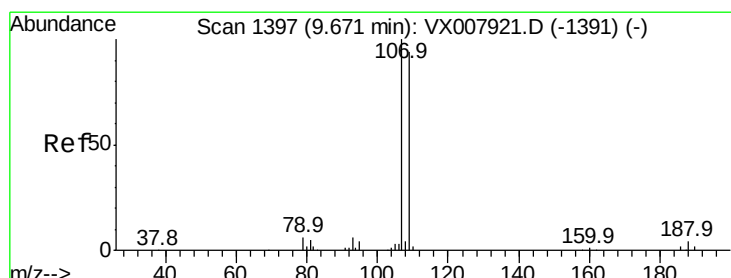
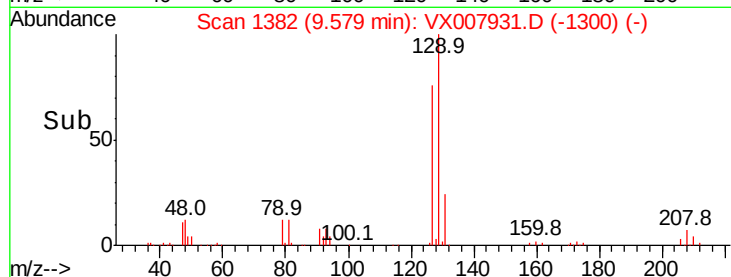
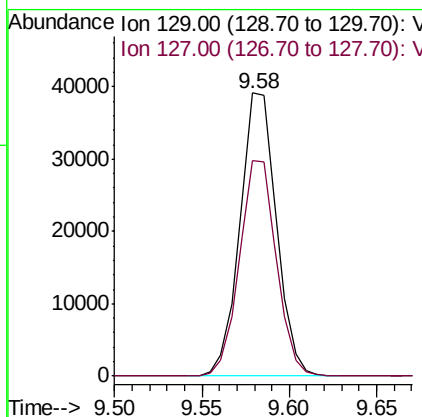
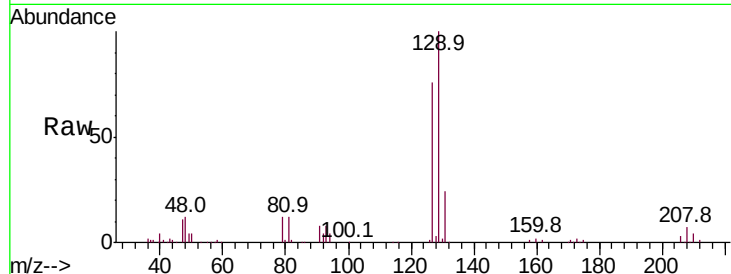
#53
 Dibromochloromethane
 Concen: 18.530 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion:129 Resp: 56791
 Ion Ratio Lower Upper
 129 100
 127 76.7 38.4 115.2

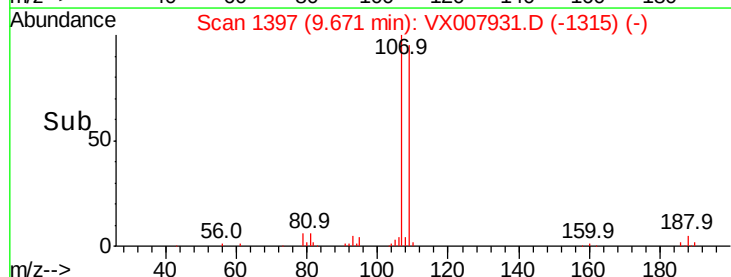
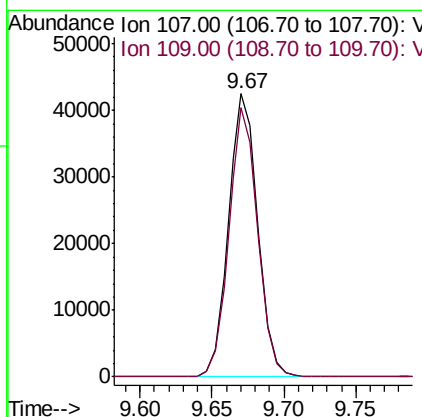
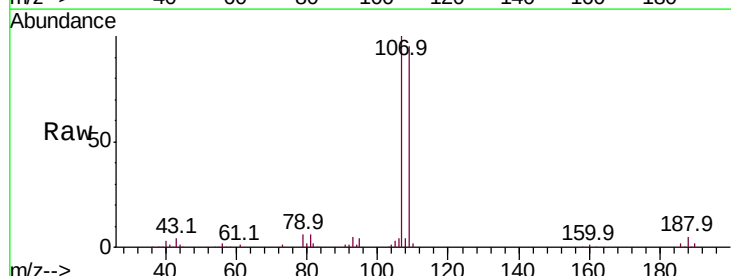
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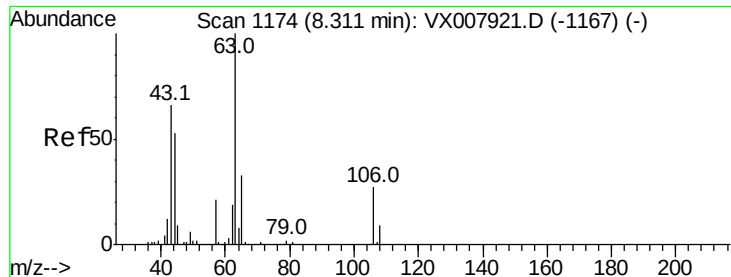
MMDadoda
 3/11/2019 12:02:02 PM



#54
 1,2-Dibromoethane
 Concen: 19.369 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion:107 Resp: 60335
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.6 115.0





#55

2-Chloroethyl vinyl ether

Concen: 97.907 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

Tot Ion: 63 Resp: 205765

Ion Ratio Lower Upper

63 100

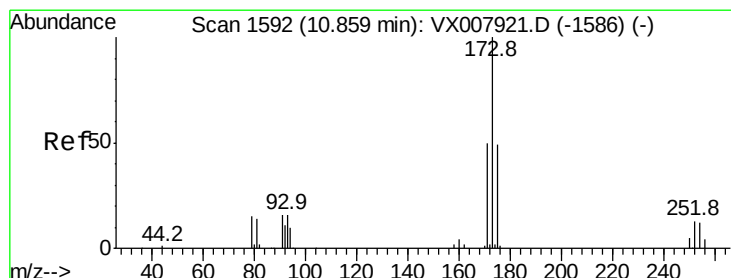
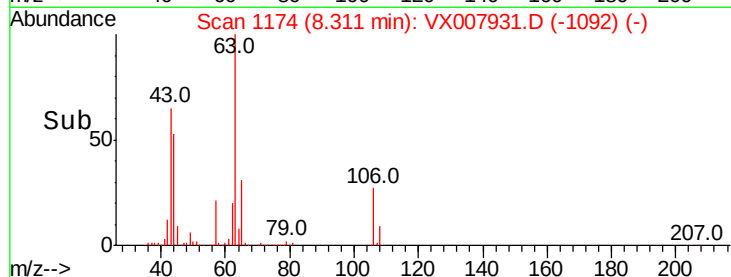
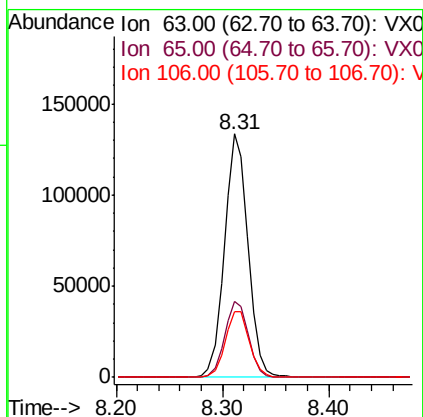
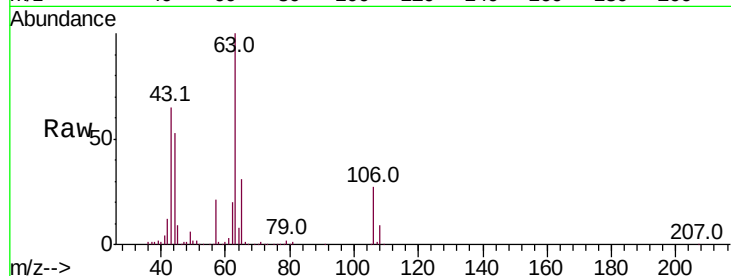
65 31.5 25.7 38.5

106 27.9 23.7 35.5

Manual Integrations
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#56

Bromoform

Concen: 18.327 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

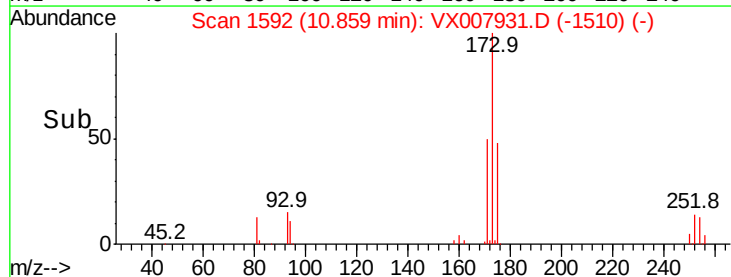
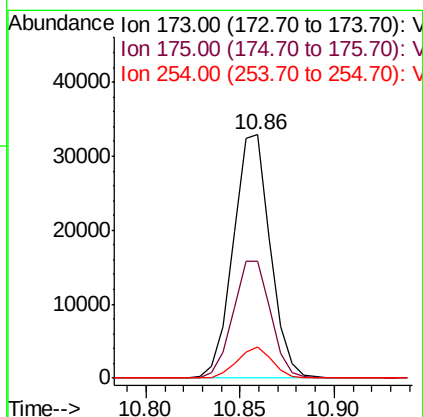
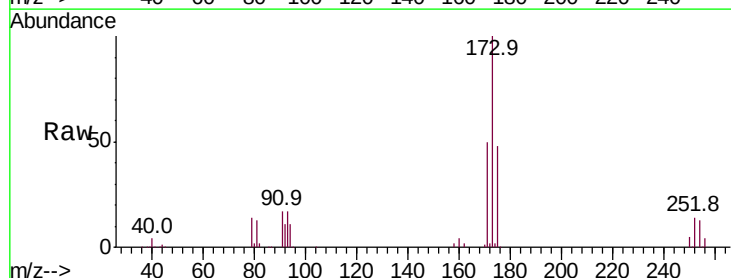
Tgt Ion: 173 Resp: 44802

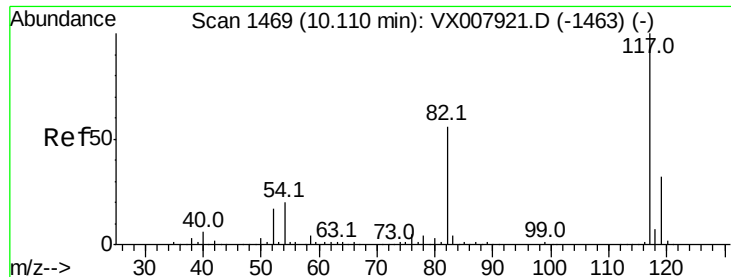
Ion Ratio Lower Upper

173 100

175 48.7 38.5 57.7

254 12.0 7.4 11.2#





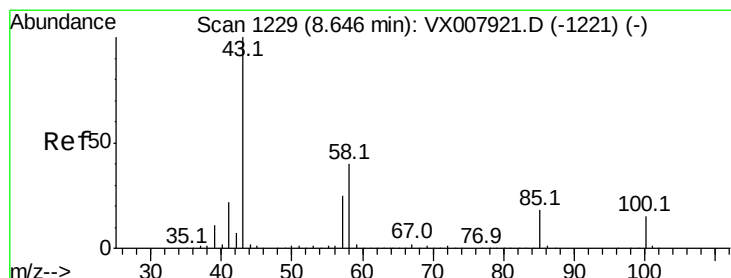
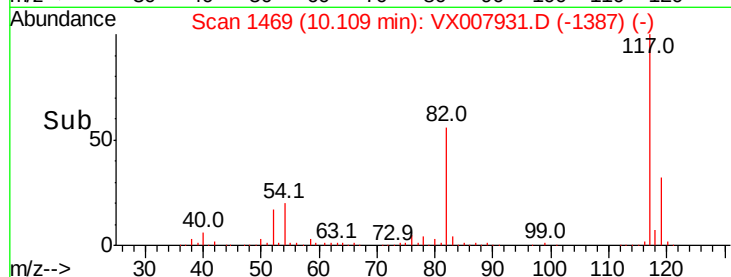
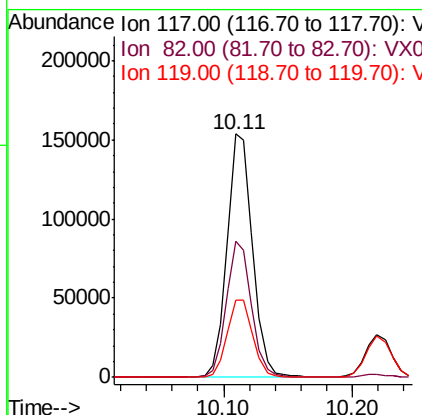
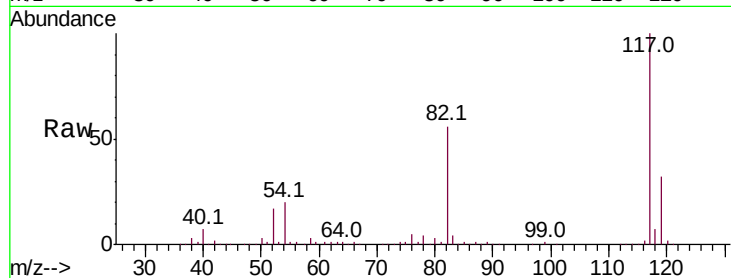
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	40.4	60.6
119	32.3	25.8	38.6

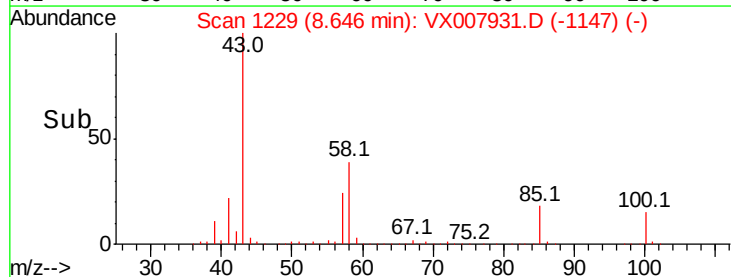
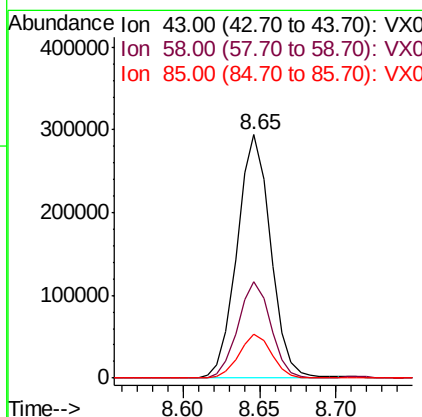
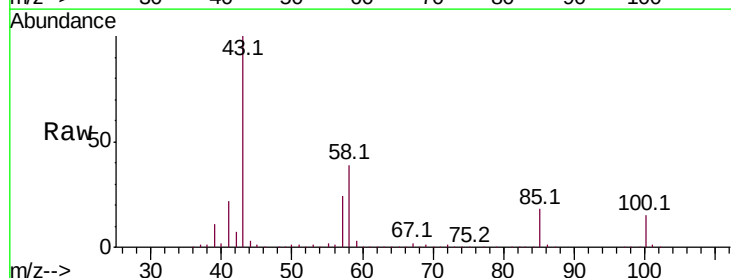
Manual Integrations
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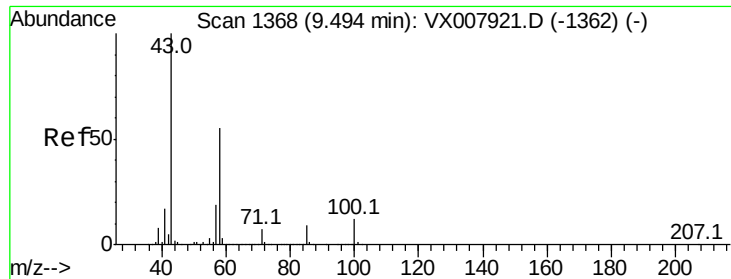
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#58
4-Methyl-2-Pentanone
Concen: 101.134 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.4	47.0
85	17.9	15.0	22.6





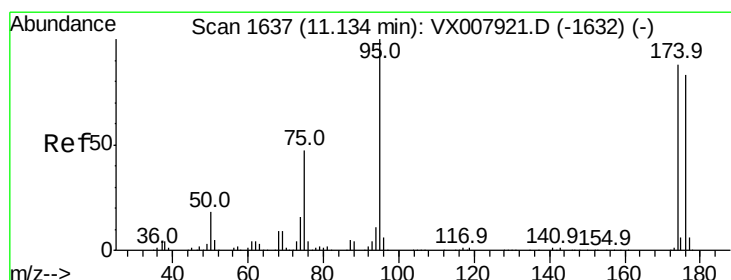
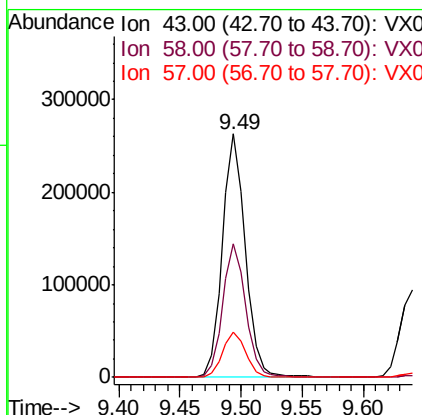
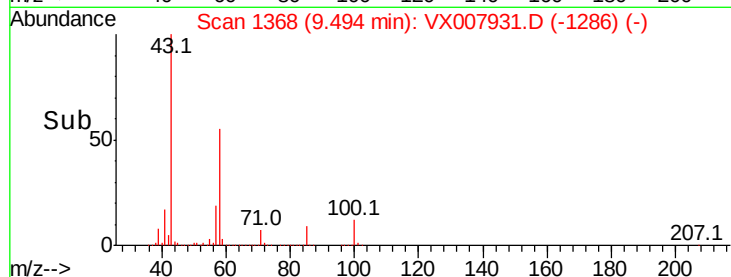
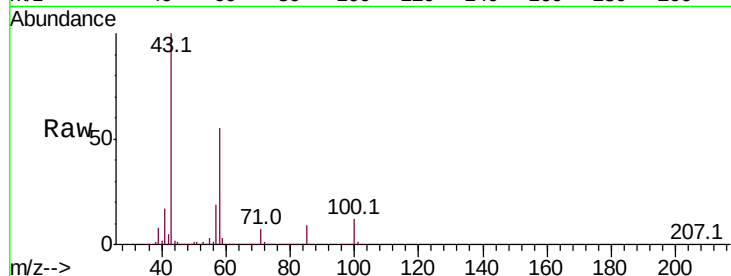
#59
2-Hexanone
Concen: 98.068 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

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

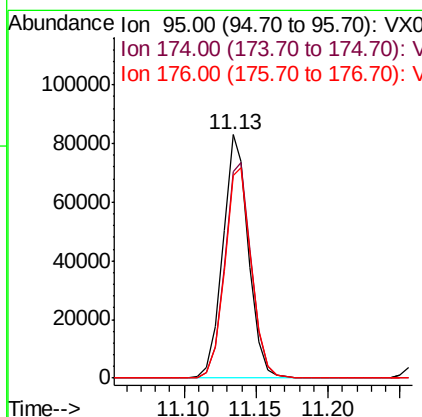
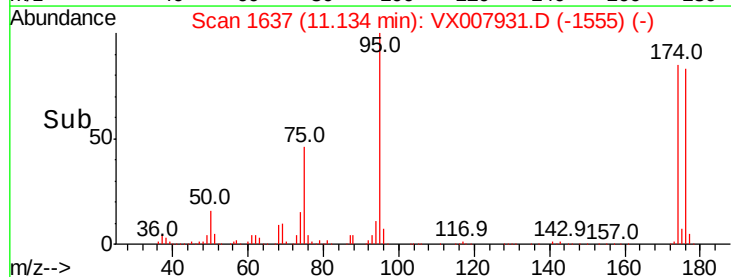
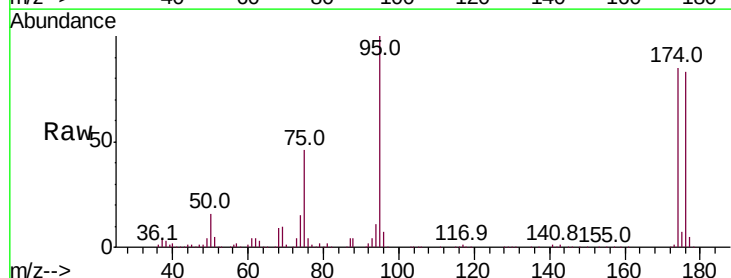
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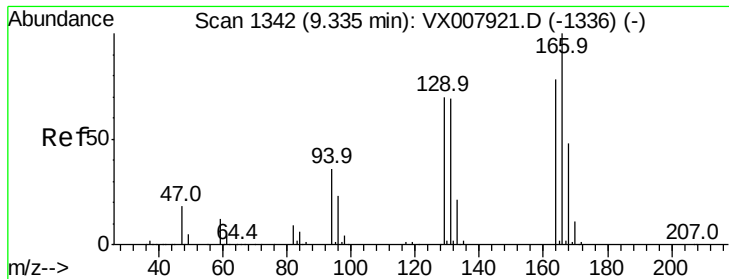
MMDadoda
3/11/2019 12:02:02 PM



#60
4-Bromofluorobenzene
Concen: 30.333 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	74.9	112.3
176	90.2	70.7	106.1





#61

Tetrachloroethene

Concen: 19.374 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBSD01

Tot Ion:164 Resp: 60710

Ion Ratio Lower Upper

164 100

166 129.3 103.9 155.9

129 88.8 74.7 112.1

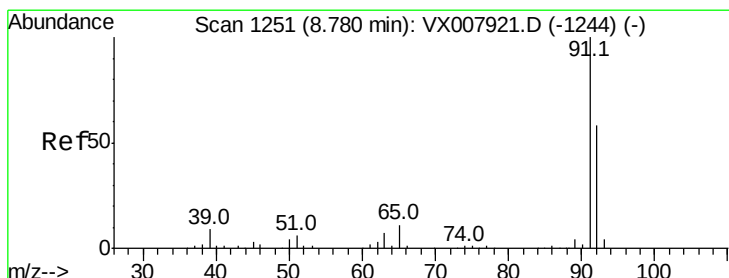
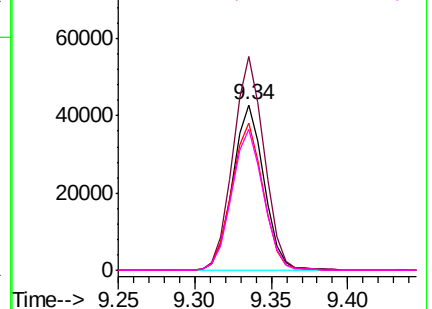
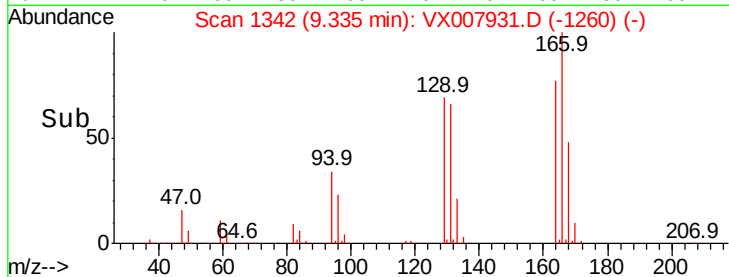
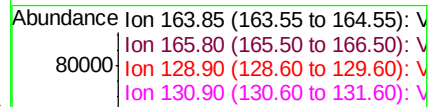
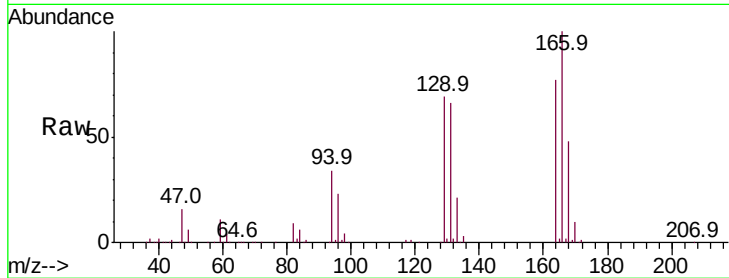
131 85.3 71.7 107.5

Manual Integrations

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#62

Toluene

Concen: 19.026 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007931.D

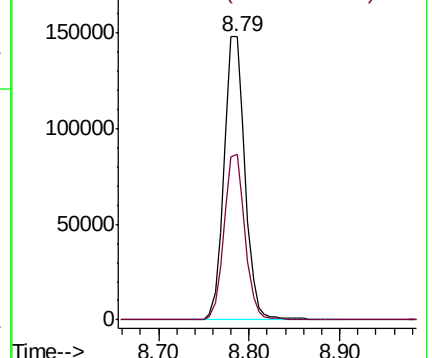
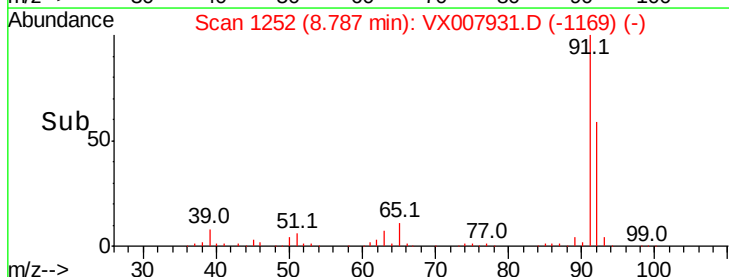
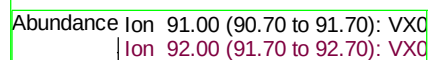
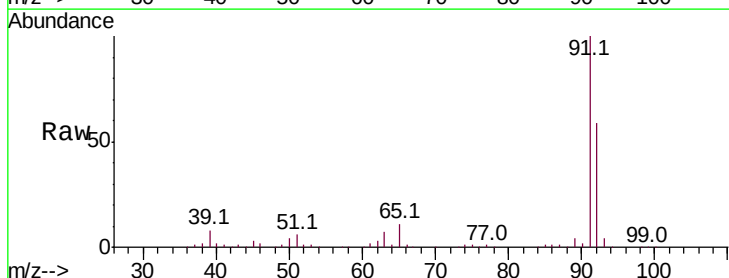
Acq: 08 Mar 2019 15:09

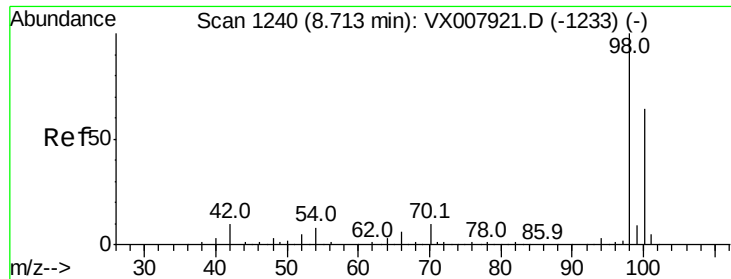
Tgt Ion: 91 Resp: 238651

Ion Ratio Lower Upper

91 100

92 58.6 46.4 69.6





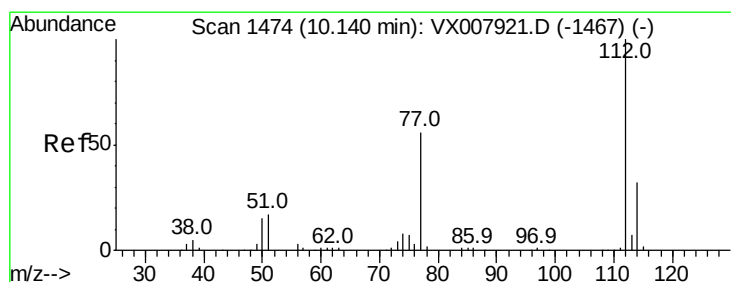
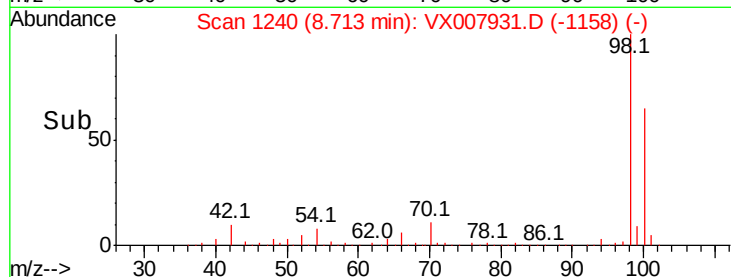
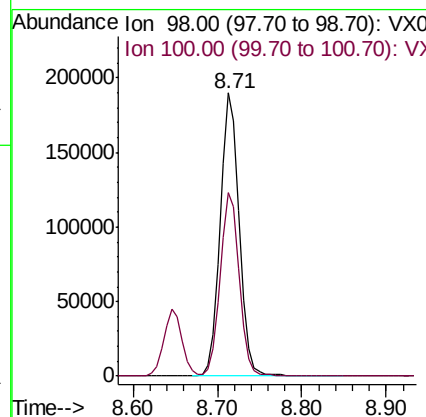
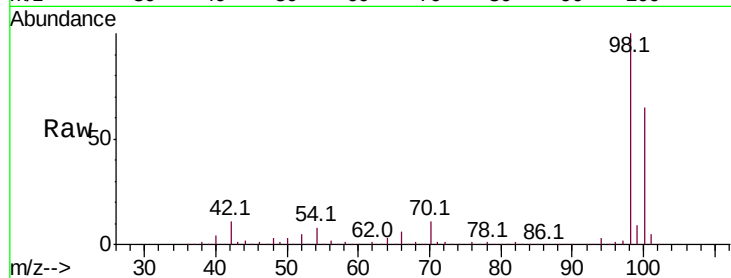
#63
Toluene-d8
Concen: 30.162 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion: 98 Resp: 296517
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

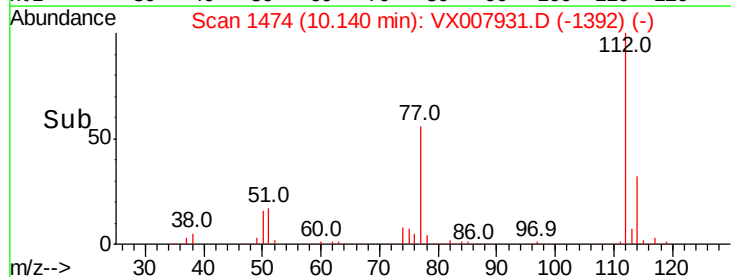
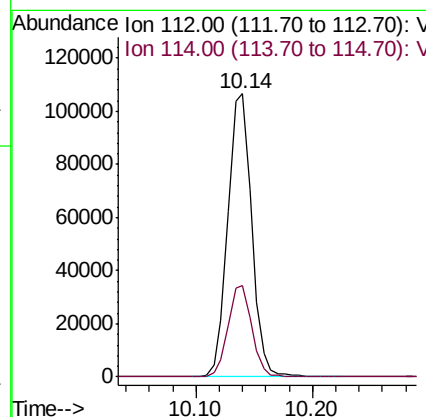
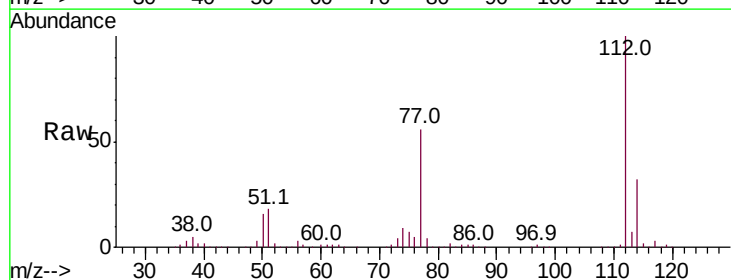
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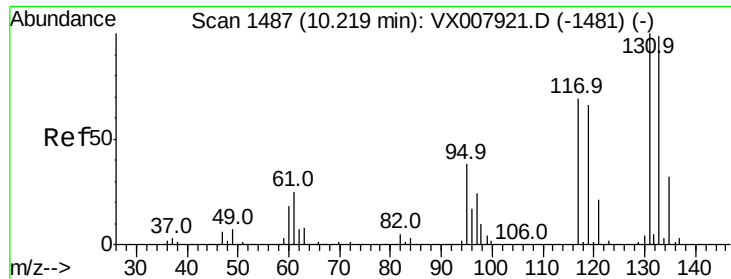
MMDadoda
3/11/2019 12:02:02 PM



#64
Chlorobenzene
Concen: 18.988 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 112 Resp: 151799
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.290 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

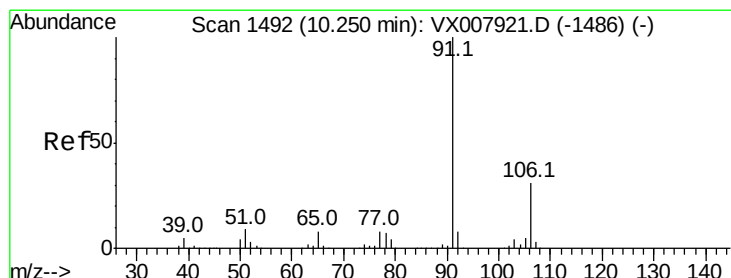
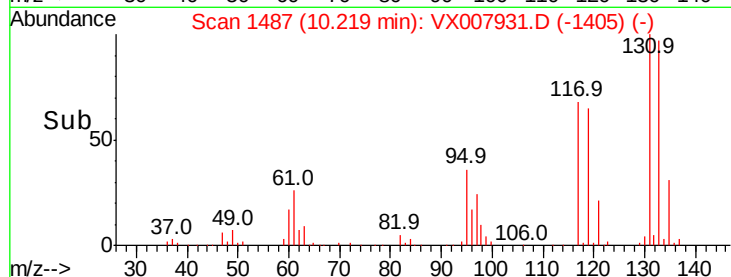
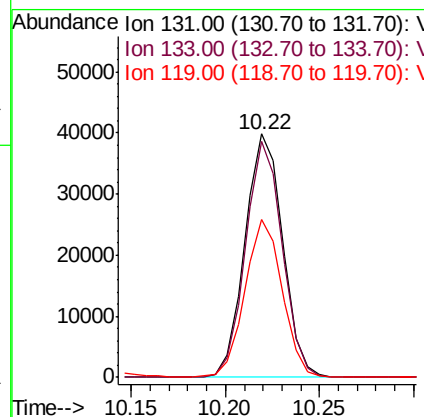
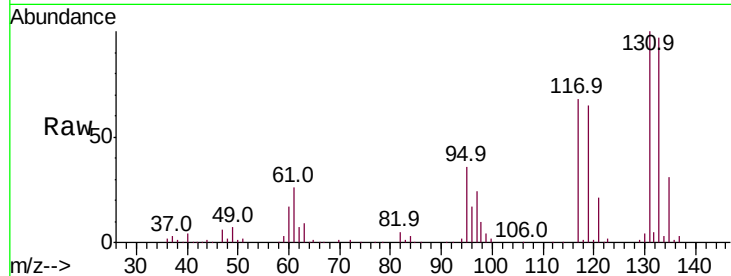
ClientSampled :

VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	55215		
133	94.5	0.0	191.6	
119	64.4	0.0	127.4	

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.747 ug/l

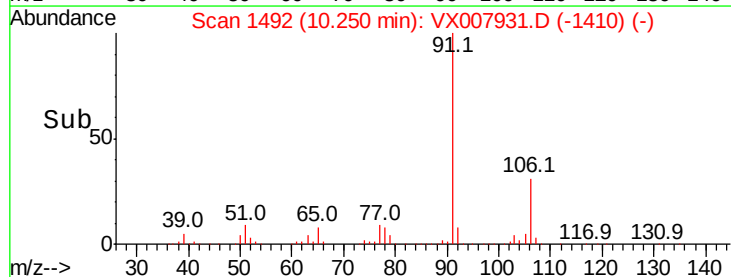
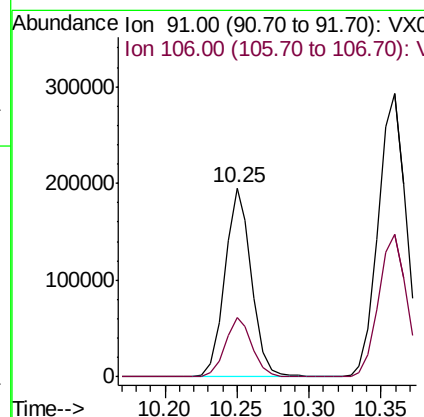
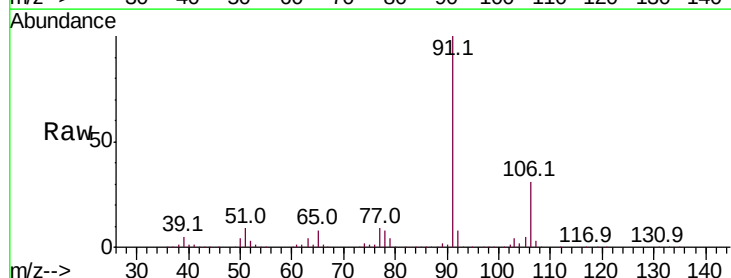
RT: 10.25 min Scan# 1492

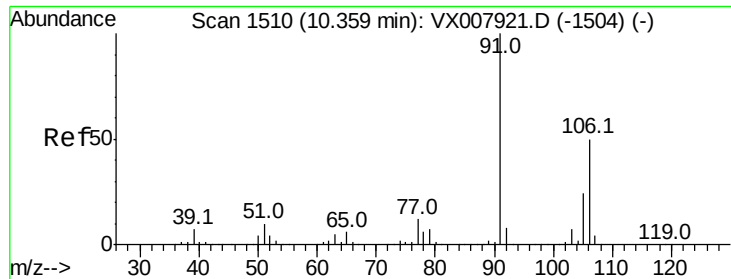
Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	252586		
106	31.2	26.0	39.0	





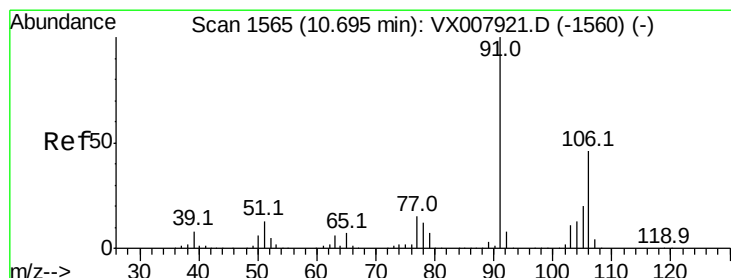
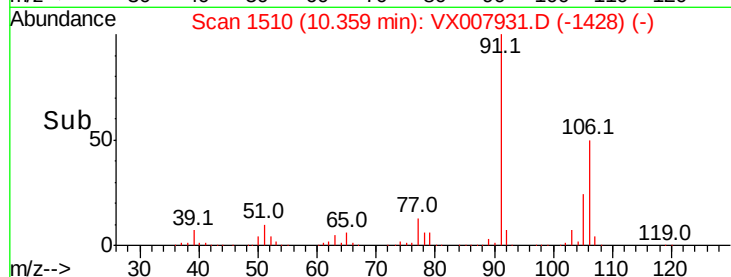
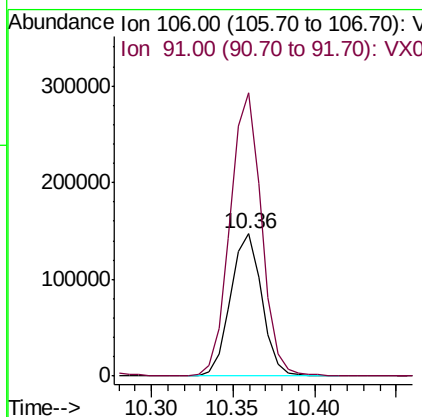
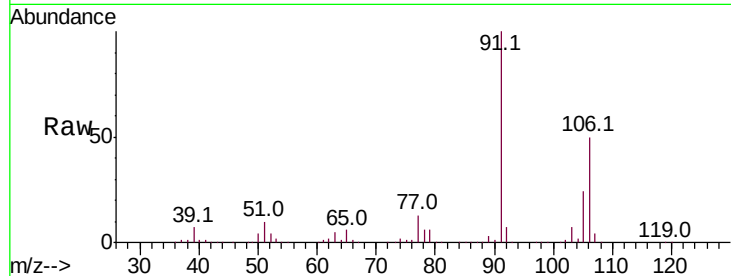
#67
m/p-Xylenes
Concen: 37.861 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion:106 Resp: 195600
Ion Ratio Lower Upper
106 100
91 199.8 157.0 235.4

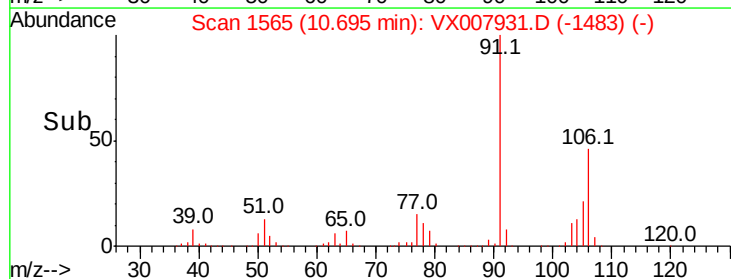
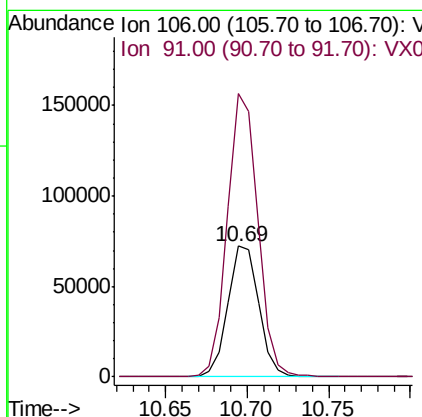
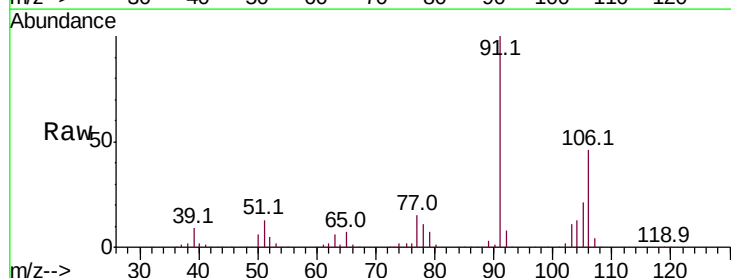
Manual Integrations
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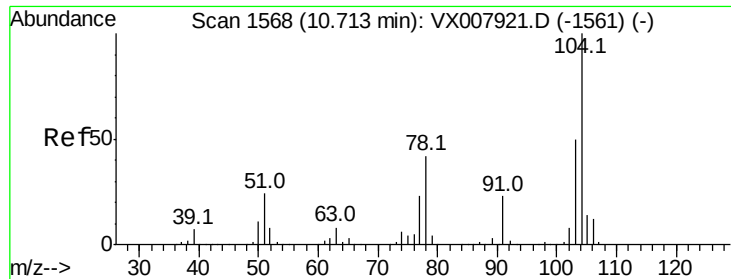
MMDadoda
3/11/2019 12:02:02 PM



#68
o-Xylene
Concen: 19.013 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion:106 Resp: 95382
Ion Ratio Lower Upper
106 100
91 214.5 104.4 313.2





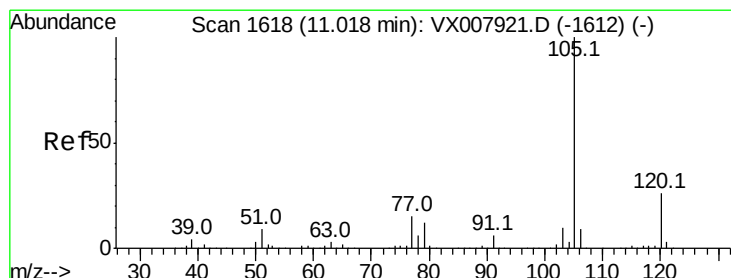
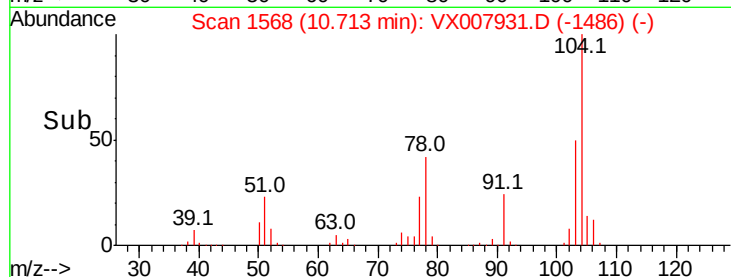
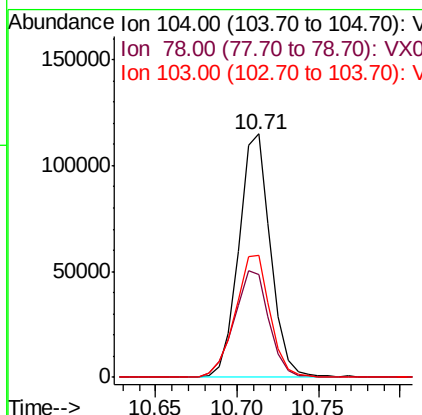
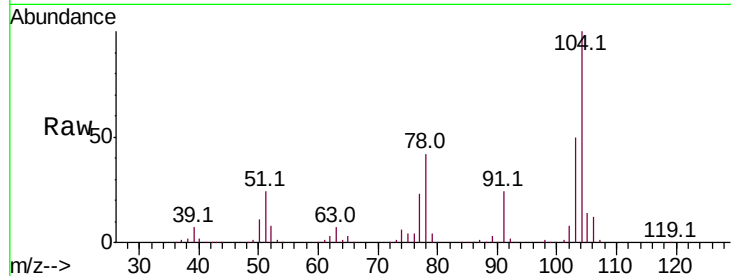
#69
Stvrene
Concen: 18.827 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.2	57.2
103	55.3	45.0	67.4

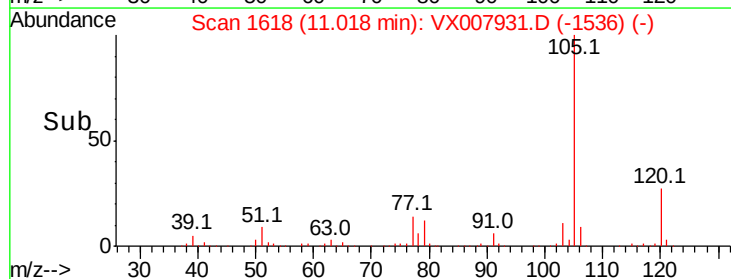
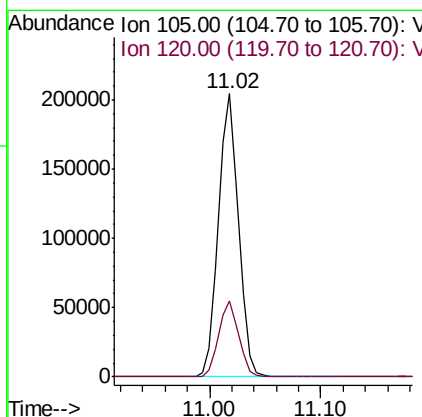
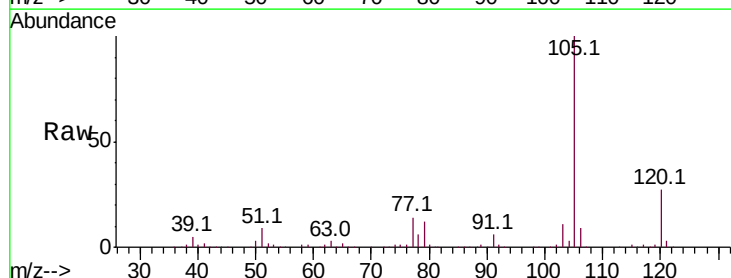
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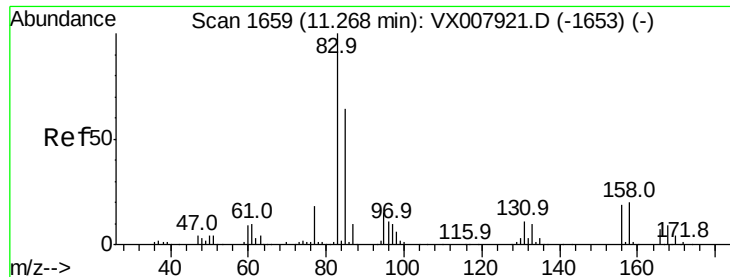
MMDadoda
3/11/2019 12:02:02 PM



#70
Isopropylbenzene
Concen: 19.017 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.8	36.8





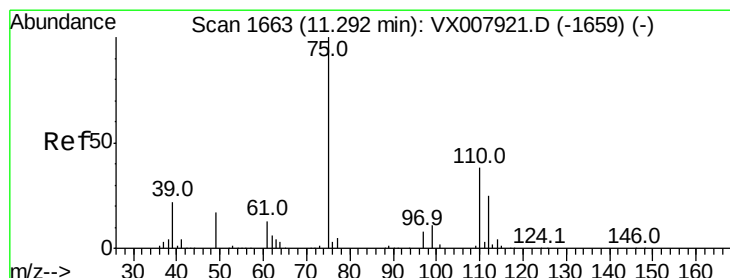
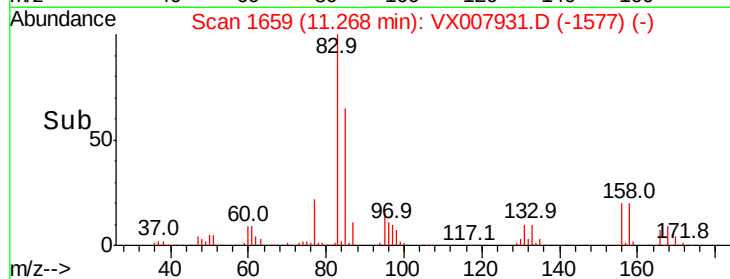
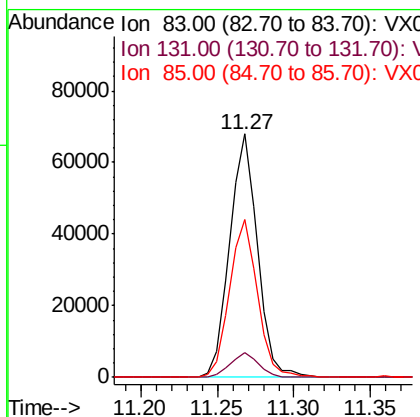
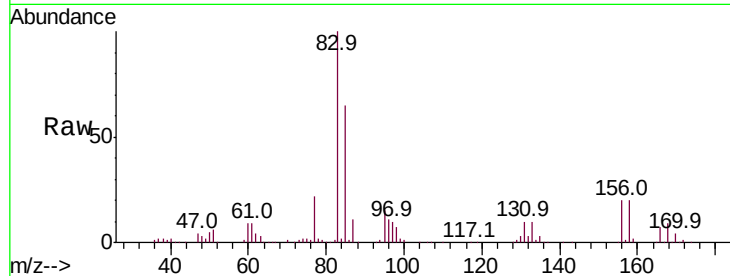
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.368 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.4	16.2
85	65.1	32.8	98.4

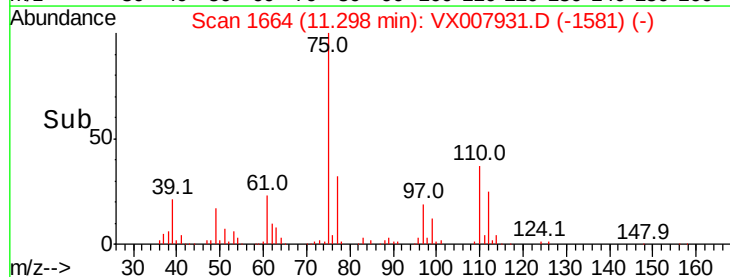
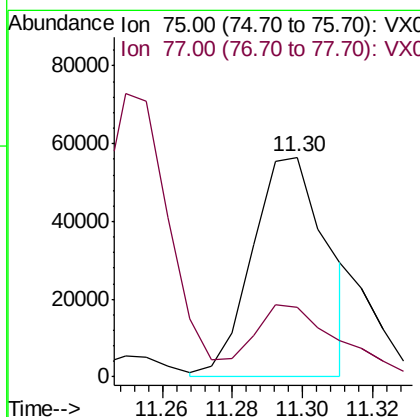
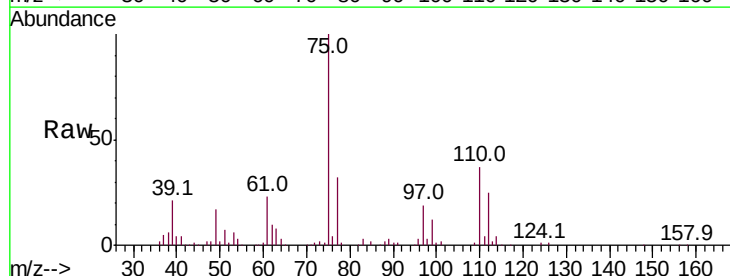
Manual Integrations
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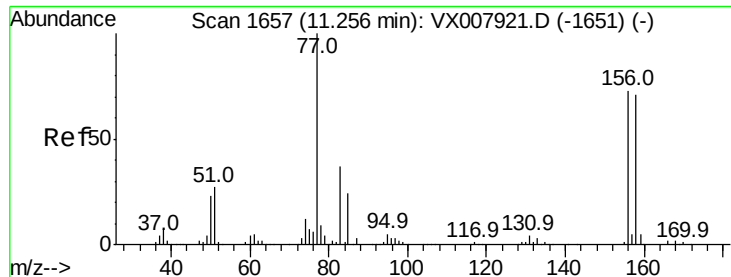
MMDadoda
 3/11/2019 12:02:02 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.969 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.2	0.0	76.4





#73

Bromobenzene

Concen: 19.228 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

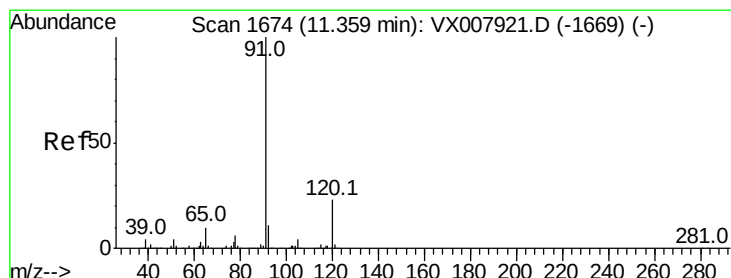
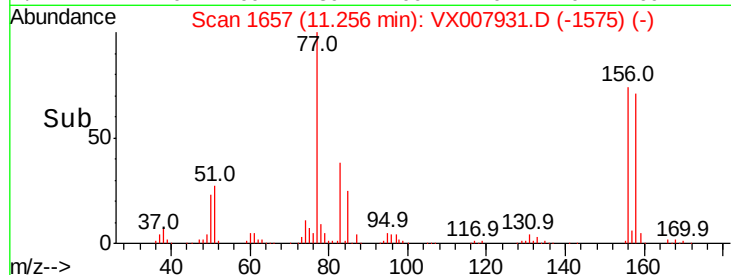
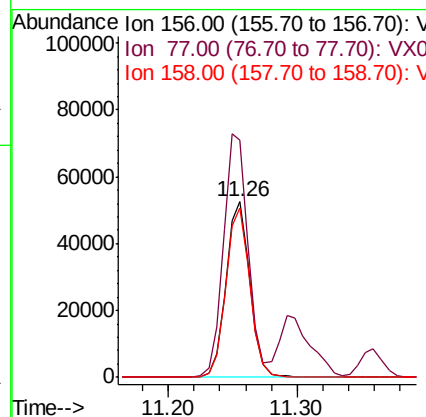
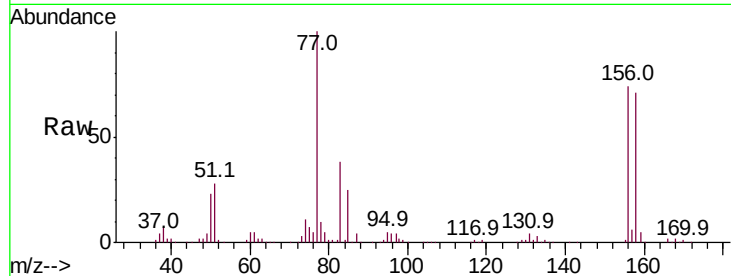
ClientSampleId :

VX0308WBSD01

Tot Ion:	156	Resp:	68525
Ion Ratio	Lower	Upper	
156	100		
77	142.4	0.0	271.4
158	96.6	0.0	194.0

Manual Integrations
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3/11/2019 12:02:02 PM



#74

n-propylbenzene

Concen: 18.745 ug/l

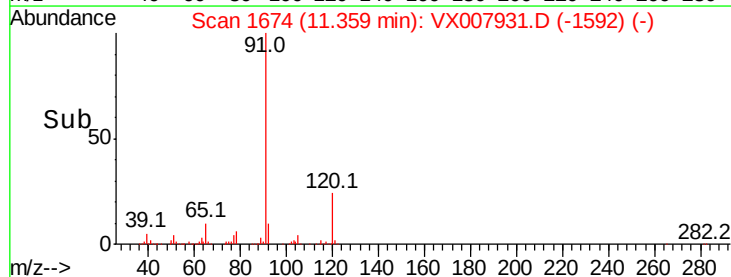
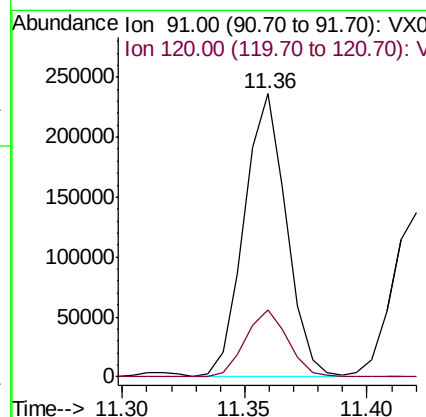
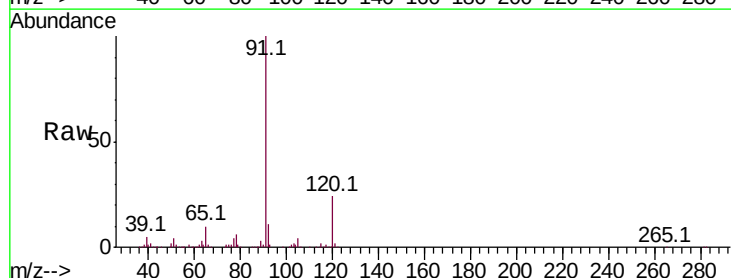
RT: 11.36 min Scan# 1674

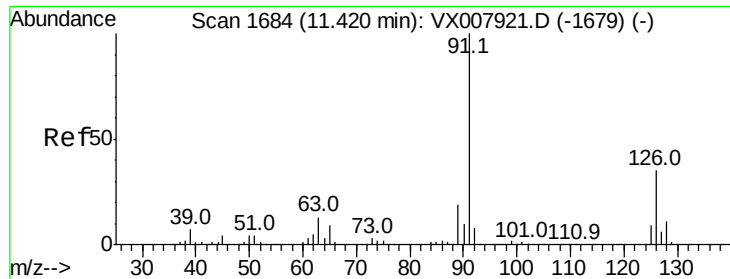
Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion:	91	Resp:	283434
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	48.6





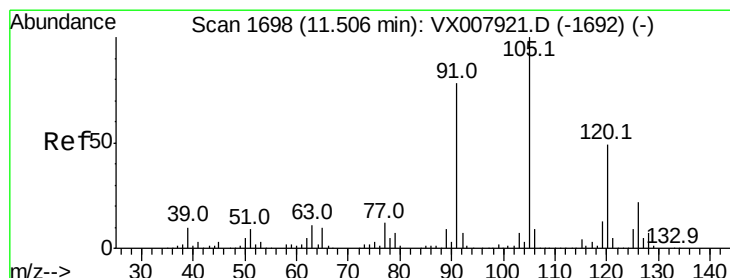
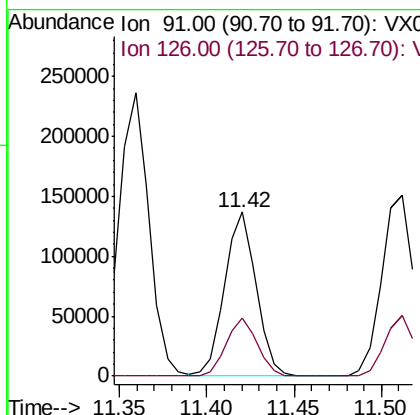
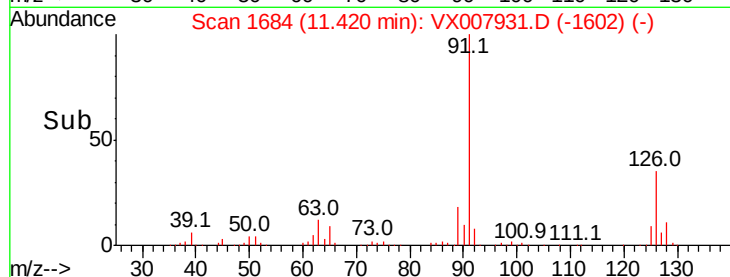
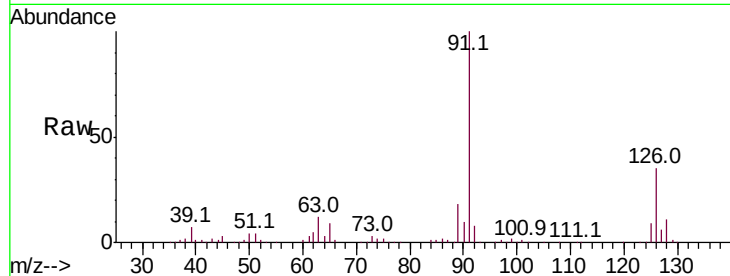
#75
2-Chlorotoluene
Concen: 19.015 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampled :
VX0308WBSD01

Tot Ion: 91 Resp: 172338
Ion Ratio Lower Upper
91 100
126 34.7 0.0 75.2

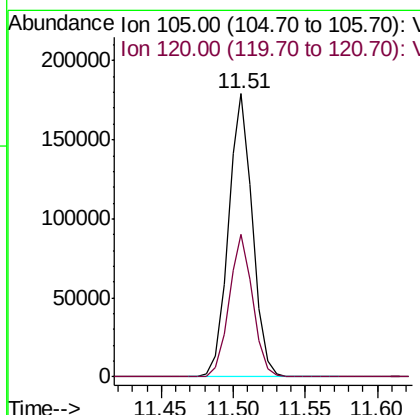
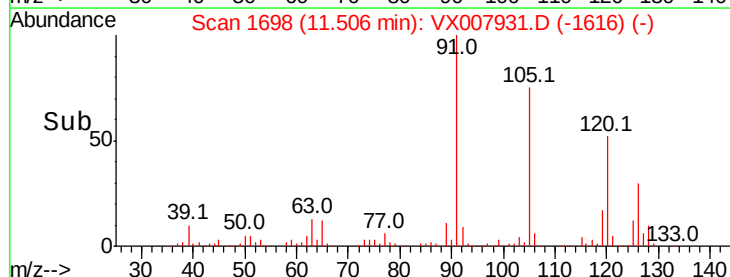
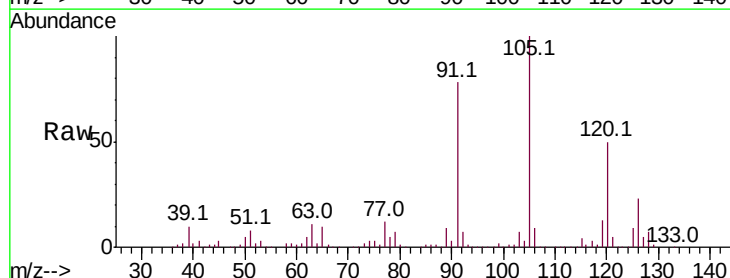
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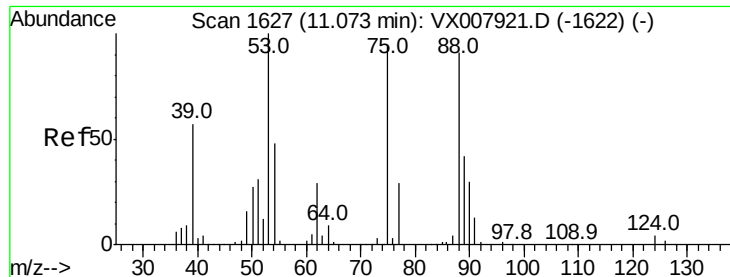
MMDadoda
3/11/2019 12:02:02 PM



#76
1,3,5-Trimethylbenzene
Concen: 18.880 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion: 105 Resp: 209742
Ion Ratio Lower Upper
105 100
120 49.3 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.410 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

ClientSampled :

VX0308WBSD01

Tot Ion: 75 Resp: 22448

Ion Ratio Lower Upper

75 100

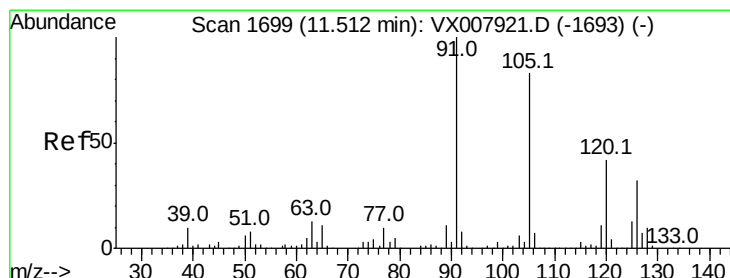
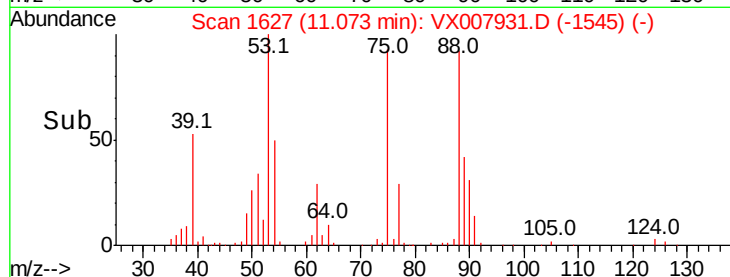
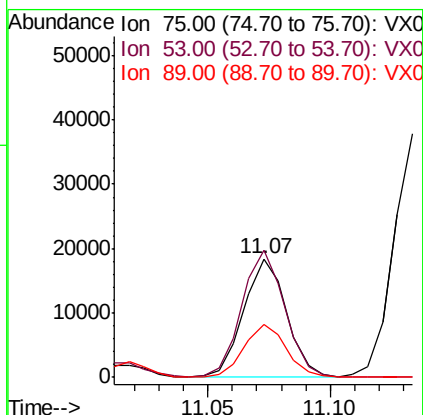
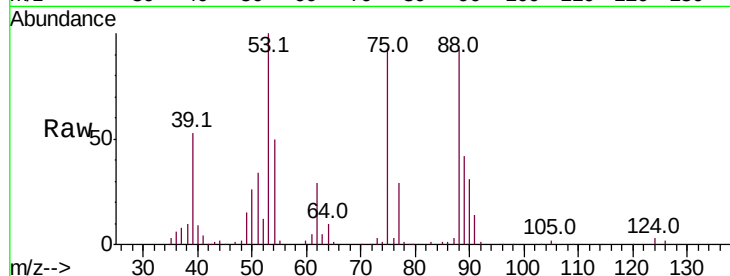
53 107.6 55.5 166.7

89 44.8 24.4 73.2

Manual Integrations
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MMDadoda

3/11/2019 12:02:02 PM



#78

4-Chlorotoluene

Concen: 18.838 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007931.D

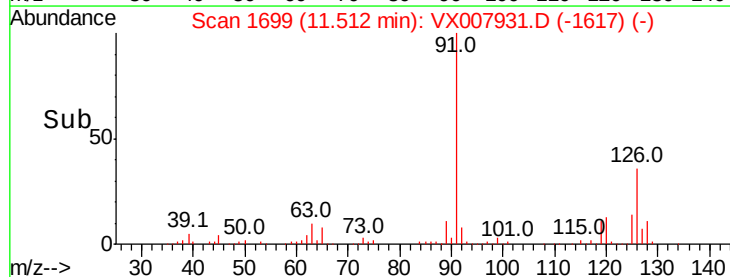
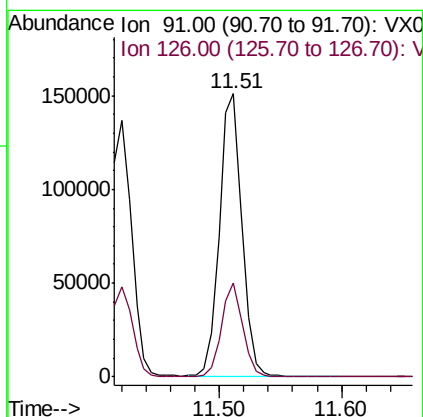
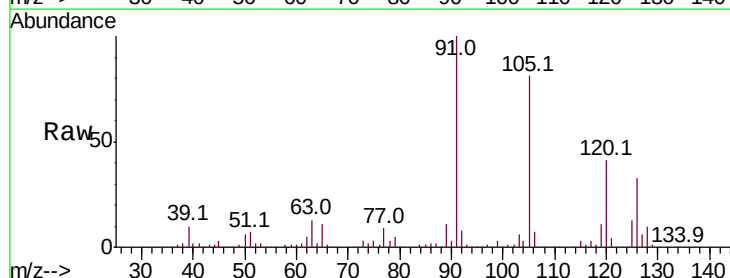
Acq: 08 Mar 2019 15:09

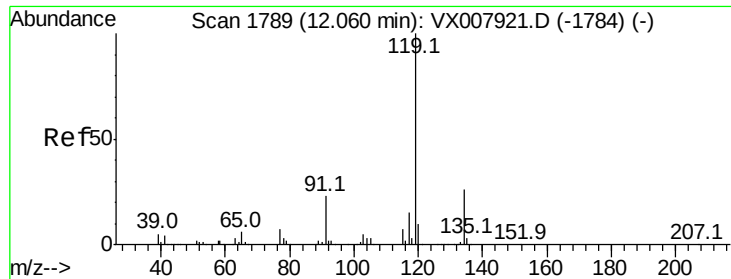
Tgt Ion: 91 Resp: 193031

Ion Ratio Lower Upper

91 100

126 31.2 0.0 66.2





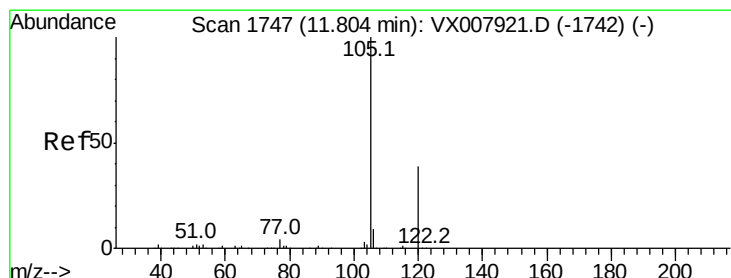
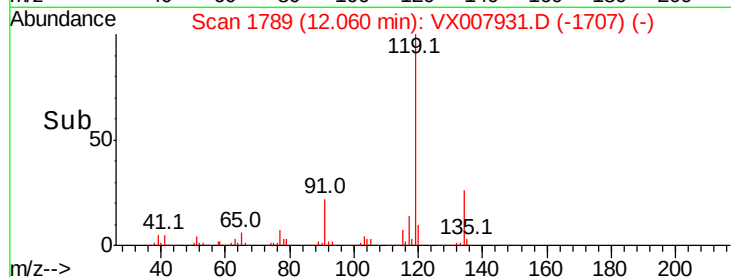
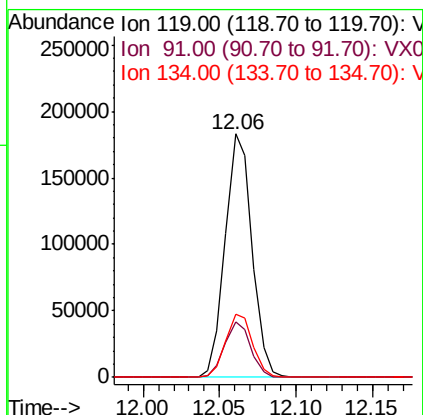
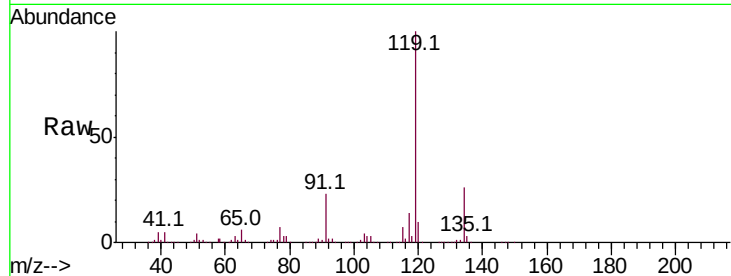
#79
tert-butylbenzene
Concen: 18.679 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222687		
91	22.3	0.0	45.0	
134	26.3	0.0	55.4	

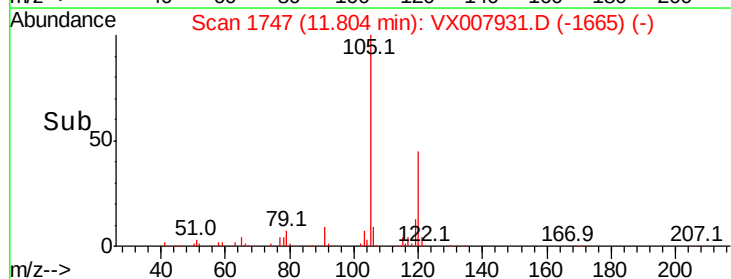
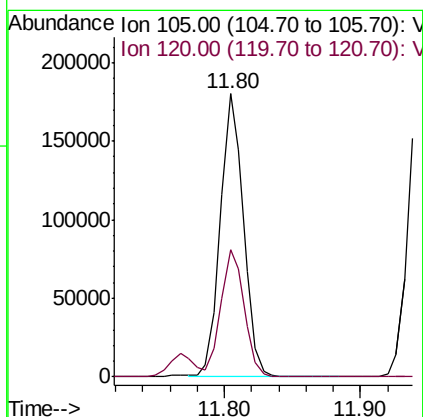
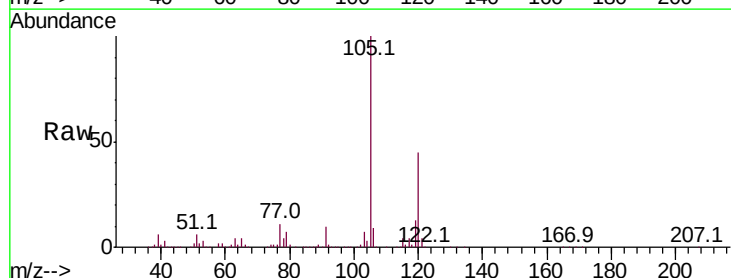
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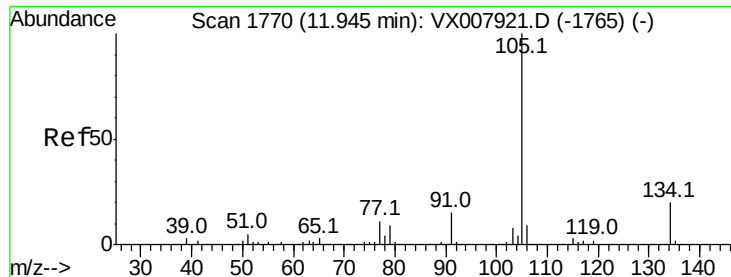
MMDadoda
3/11/2019 12:02:02 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.860 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212656		
120	45.3	0.0	94.0	





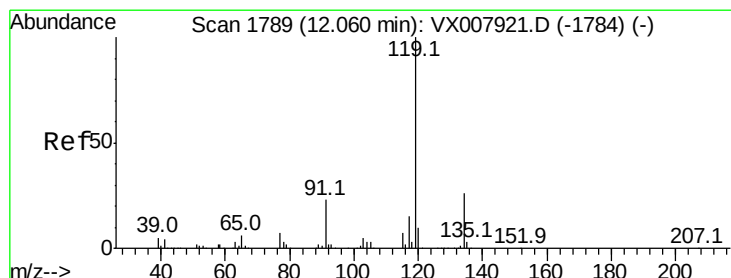
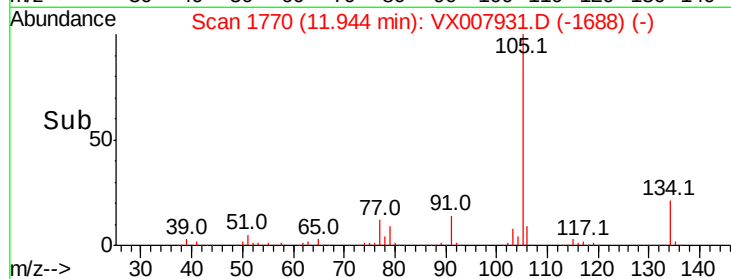
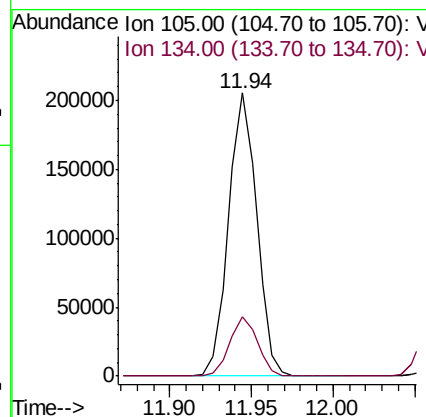
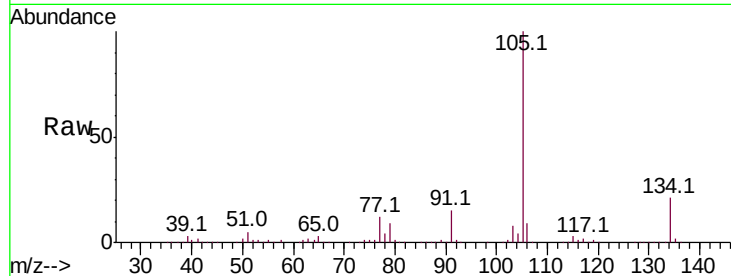
#81
 sec-Butylbenzene
 Concen: 18.525 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	41.8

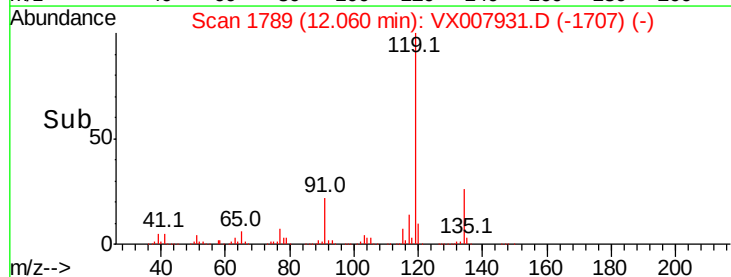
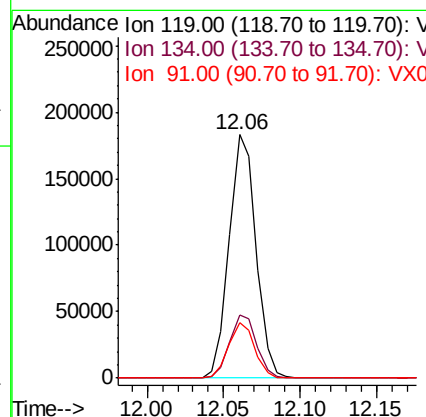
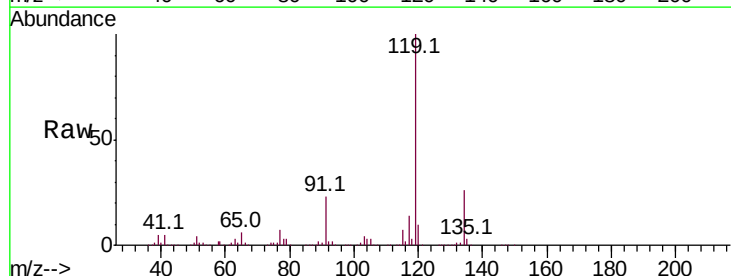
Manual Integrations
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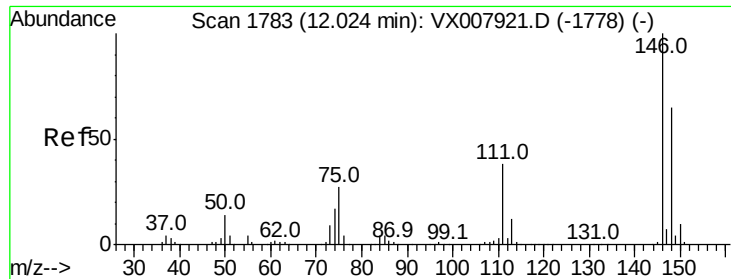
MMDadoda
 3/11/2019 12:02:02 PM



#82
 p-Isopropyltoluene
 Concen: 18.679 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	55.4
91	22.3	0.0	45.0





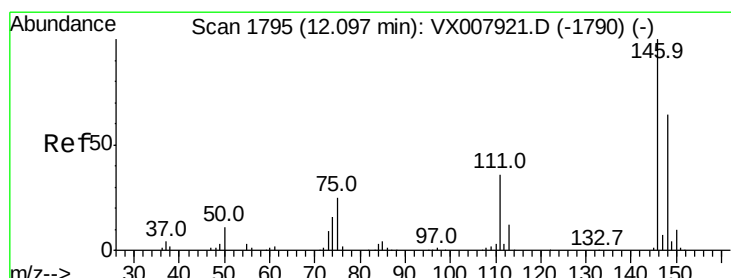
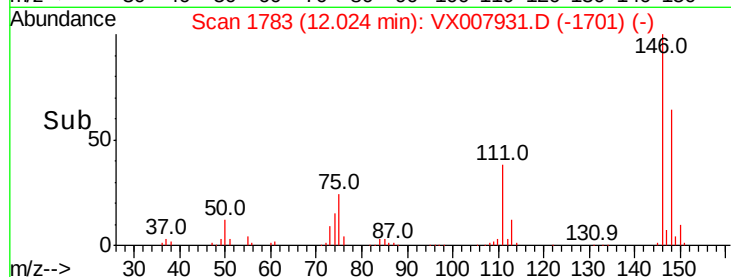
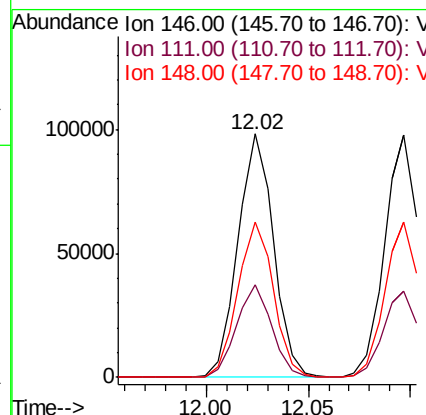
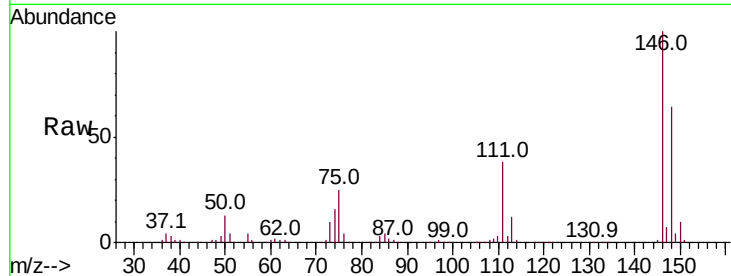
#83
 1,3-Dichlorobenzene
 Concen: 18.683 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	63.9	30.6	91.8

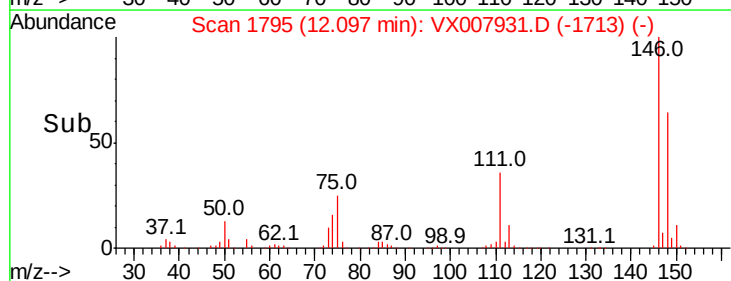
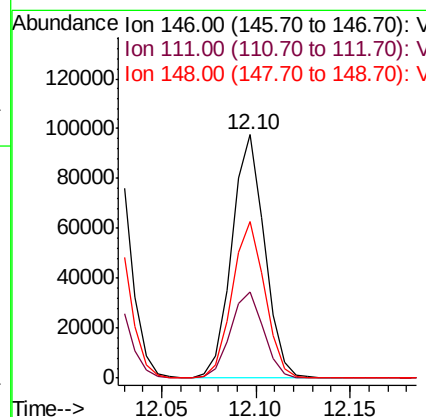
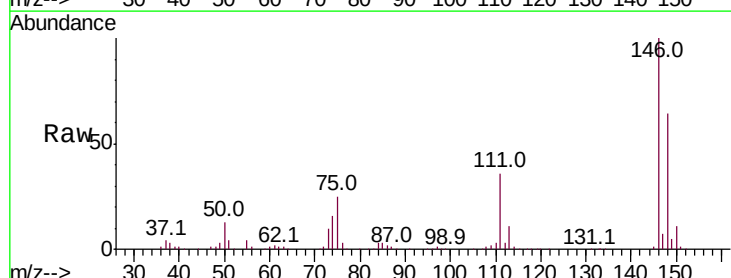
Manual Integrations
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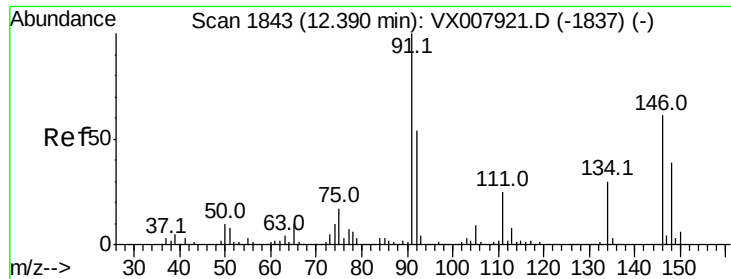
MMDadoda
 3/11/2019 12:02:02 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.430 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.6	52.8
148	64.7	31.4	94.2





#85

n-Butylbenzene

Concen: 17.870 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Instrument :

MSVOA_X

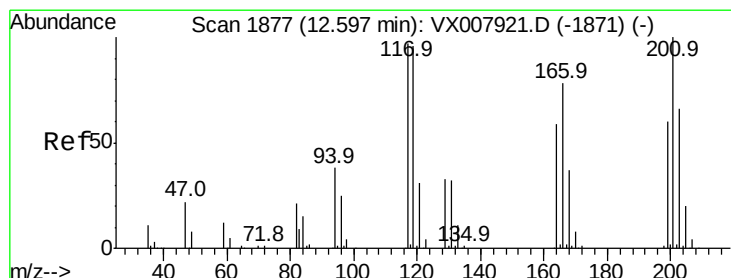
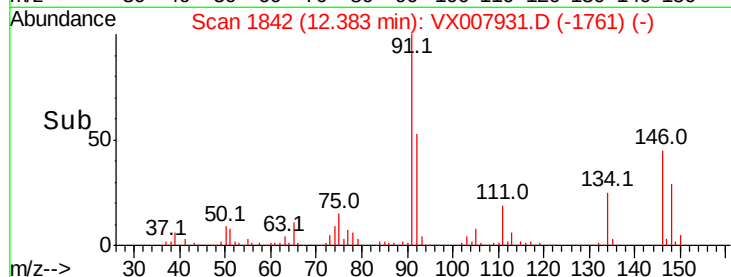
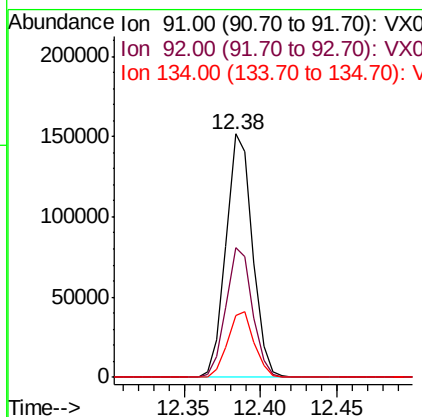
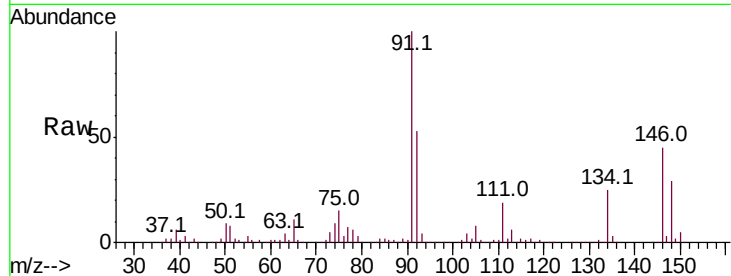
ClientSampleId :

VX0308WBSD01

Tot Ion:	91	Resp:	182193
Ion Ratio	Lower	Upper	
91	100		
92	53.3	0.0	105.2
134	27.0	0.0	56.4

Manual Integrations
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3/11/2019 12:02:02 PM



#86

Hexachloroethane

Concen: 17.972 ug/l

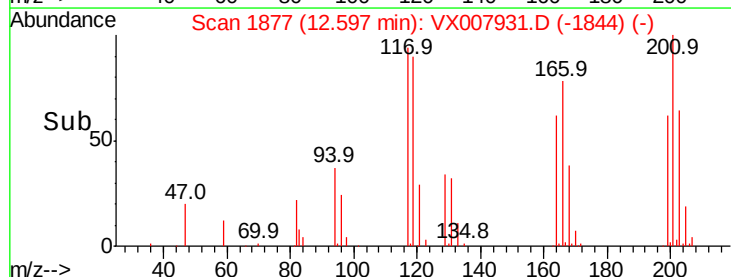
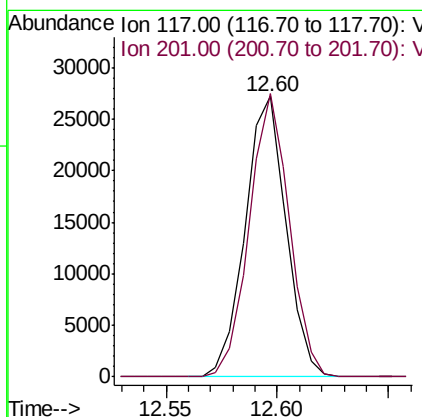
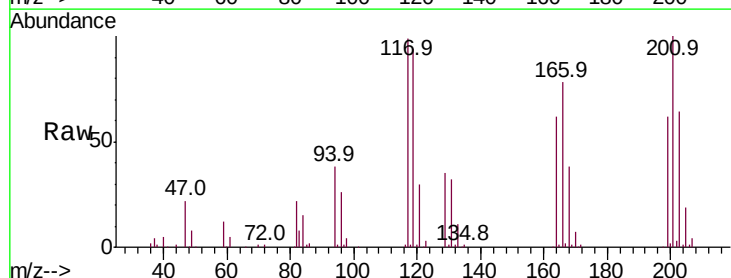
RT: 12.60 min Scan# 1877

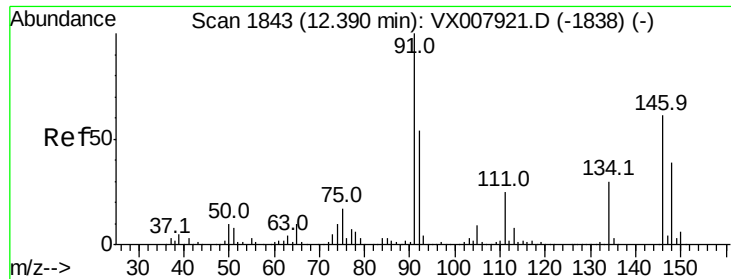
Delta R.T. -0.00 min

Lab File: VX007931.D

Acq: 08 Mar 2019 15:09

Tgt Ion:	117	Resp:	34910
Ion Ratio	Lower	Upper	
117	100		
201	98.1	41.1	123.3





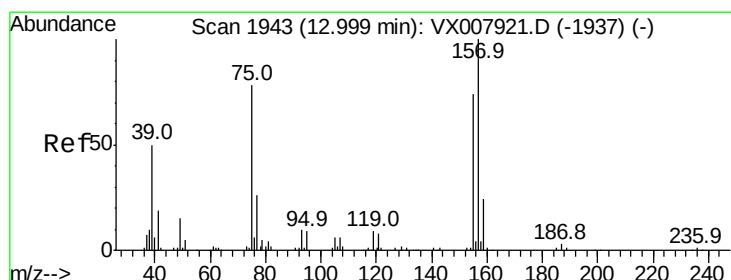
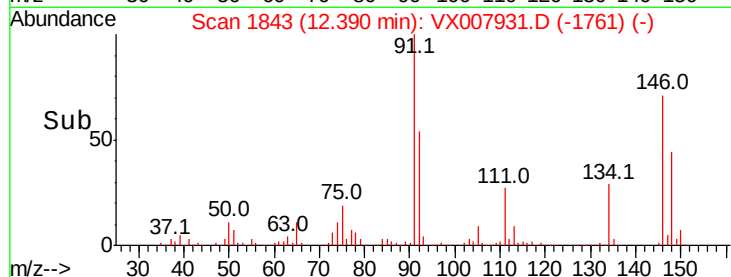
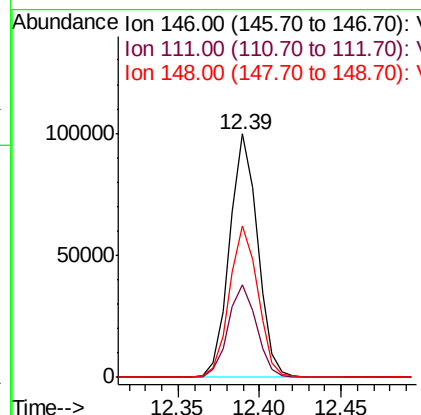
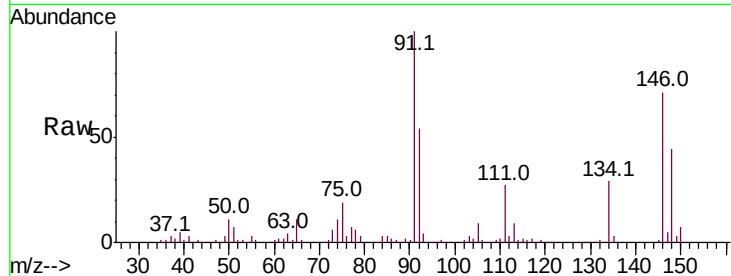
#87
 1,2-Dichlorobenzene
 Concen: 19.010 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119202		
111	38.7	19.3	57.8	
148	63.5	32.1	96.3	

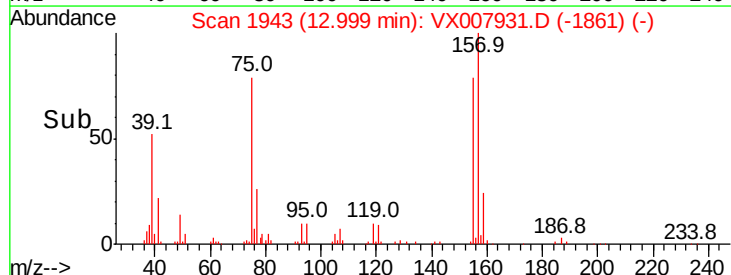
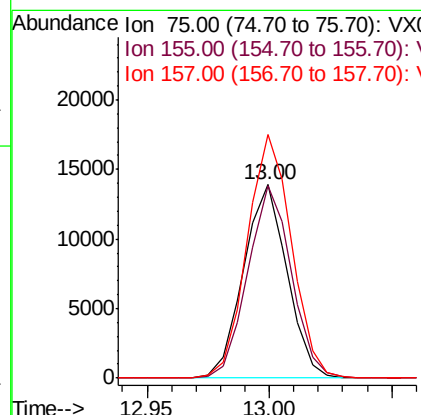
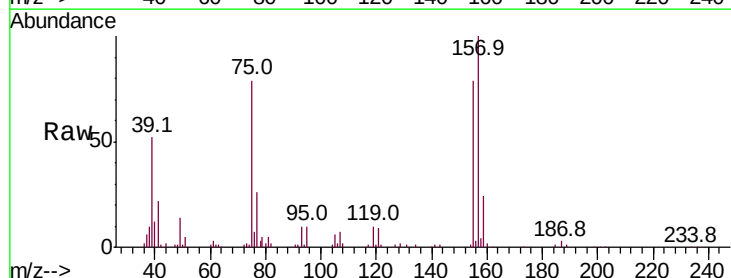
Manual Integrations
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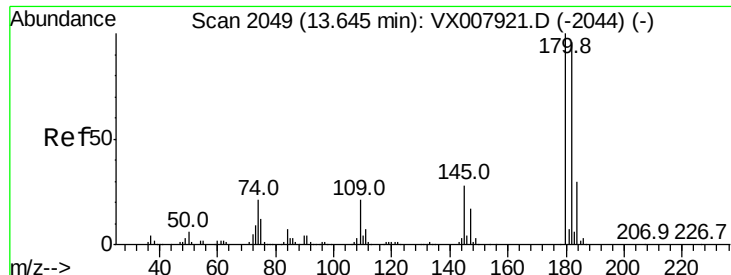
MMDadoda
 3/11/2019 12:02:02 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.075 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007931.D
 Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17250		
155	99.3	81.0	121.6	
157	127.5	103.2	154.8	





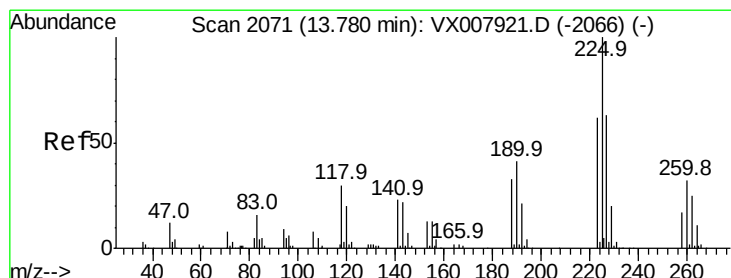
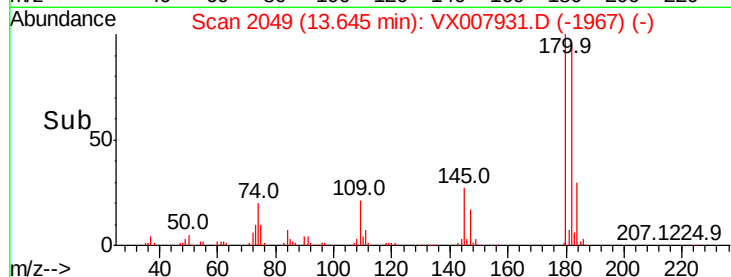
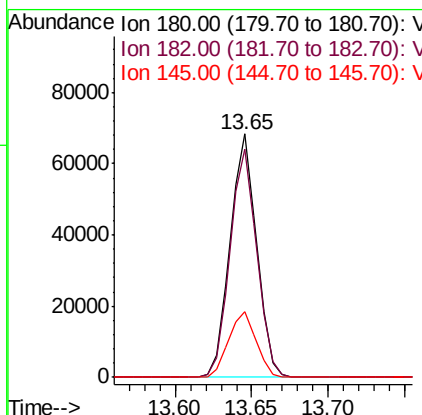
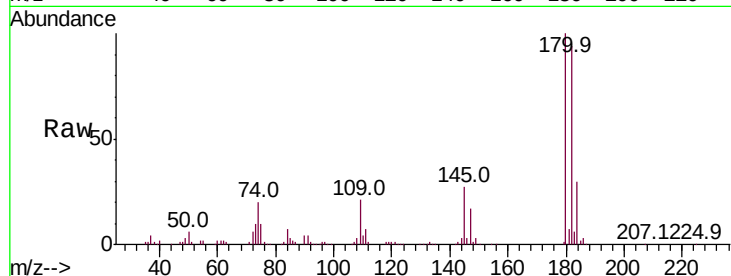
#89
1,2,4-Trichlorobenzene
Concen: 18.230 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82152		
182	94.7	75.6	113.4	
145	28.0	23.0	34.6	

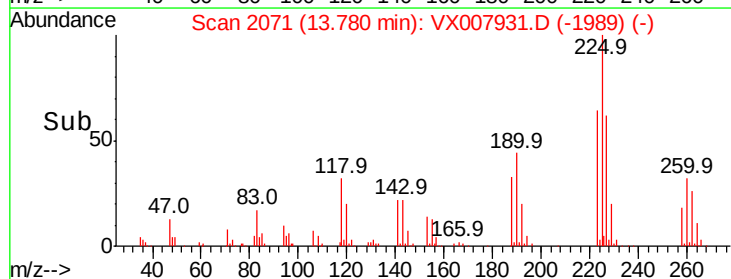
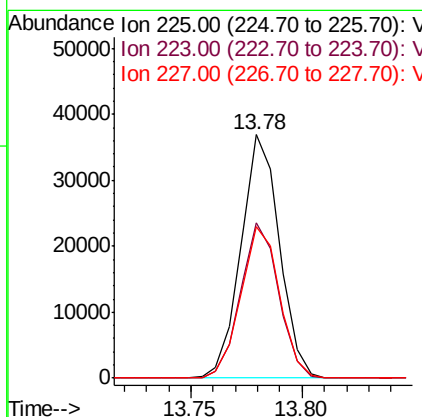
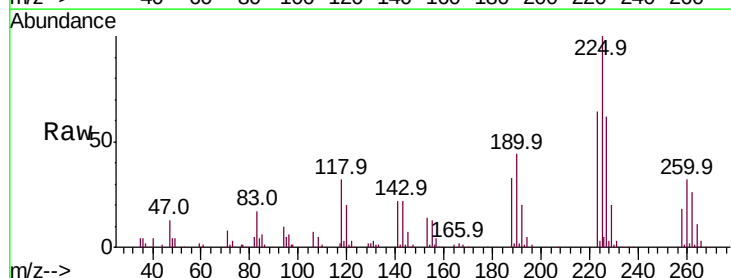
Manual Integrations
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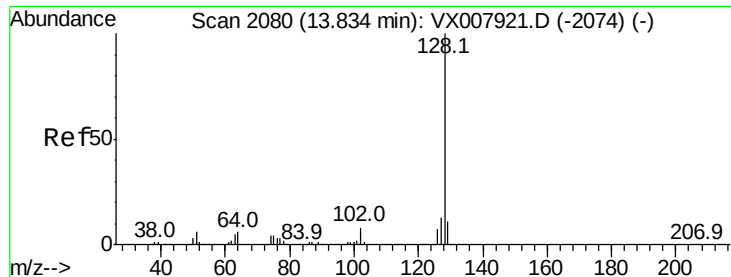
MMDadoda
3/11/2019 12:02:02 PM



#90
Hexachlorobutadiene
Concen: 17.913 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44522		
223	63.4	0.0	123.8	
227	62.9	0.0	124.4	





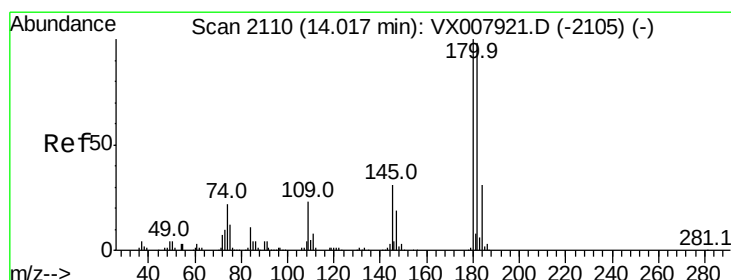
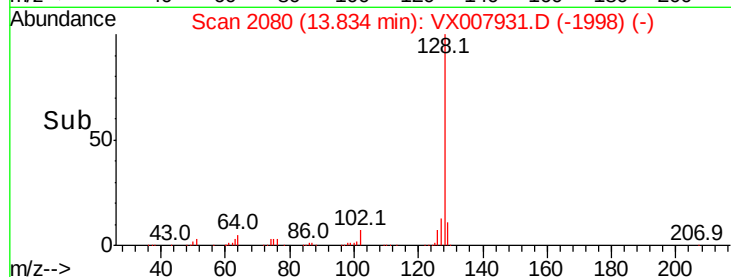
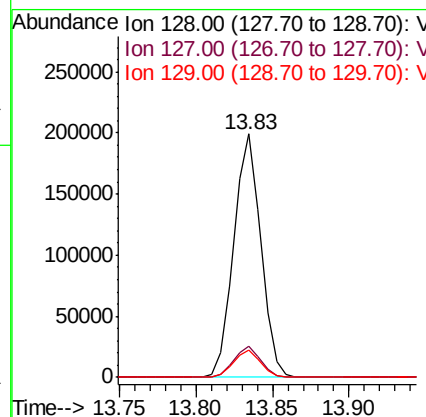
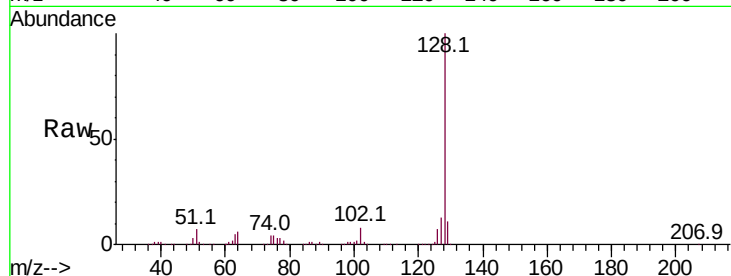
#91
Naphthalene
Concen: 18.846 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.9	13.3

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3/11/2019 12:02:02 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.478 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007931.D
Acq: 08 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	193.0
145	29.5	0.0	63.0

