

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007930.D
 Acq On : 08 Mar 2019 14:43
 Operator : JC/SP
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:01:56 PM

Quant Time: Mar 09 04:32:47 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	47022	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	250729	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	221087	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	91467	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.13	95	107295	30.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.37%
63) Toluene-d8	8.71	98	304422	30.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	48819	17.488	ug/l 98
3) Chloromethane	1.33	50	54118	17.434	ug/l 96
4) Vinyl Chloride	1.41	62	52429	17.051	ug/l 97
5) Bromomethane	1.64	94	28968	18.897	ug/l 96
6) Chloroethane	1.73	64	30701	17.096	ug/l 96
7) Trichlorofluoromethane	1.93	101	63171	16.498	ug/l 99
8) Diethyl Ether	2.19	74	34961	17.730	ug/l 89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49433	17.172	ug/l 99
10) 1,1-Dichloroethene	2.38	96	48495	17.773	ug/l 94
11) Methyl Iodide	2.51	142	74030	17.332	ug/l 94
12) Methyl Acetate	2.78	43	75357	17.463	ug/l 97
13) Acrolein	2.30	56	44010	86.931	ug/l 99
14) Acrylonitrile	3.15	53	168193	91.817	ug/l 99
15) Acetone	2.45	58	50363	76.150	ug/l 98
16) Carbon Disulfide	2.57	76	151481	17.695	ug/l 99
17) Allyl chloride	2.73	41	98565	17.620	ug/l 91
18) Methylene Chloride	2.86	84	54857	17.648	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	50968	17.654	ug/l 98
20) Diisopropyl ether	3.87	45	183956	17.975	ug/l 91
21) 1,1-Dichloroethane	3.70	63	97548	17.526	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	59357	17.824	ug/l 92
23) tert-Butyl Alcohol	3.07	59	70554	95.470	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	167506	17.855	ug/l 95
25) Chloroform	5.21	83	93845	17.864	ug/l 98
26) Cyclohexane	5.58	56	90176	17.533	ug/l # 91
29) 1,1-Dichloropropene	5.80	75	71223	17.915	ug/l 97
30) 2-Butanone	4.70	43	239922	89.479	ug/l 97
31) 2,2-Dichloropropane	4.59	77	62081	16.907	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	76712	17.845	ug/l 98
33) Carbon Tetrachloride	5.79	117	66831	17.527	ug/l 99
34) Benzene	6.15	78	220469	18.096	ug/l 98
35) Methacrylonitrile	5.06	41	48598	18.600	ug/l 94
36) 1,2-Dichloroethane	6.20	62	71497	18.038	ug/l 98
37) Trichloroethene	7.21	130	59387	17.991	ug/l 96
38) Methylcyclohexane	7.46	83	87683	17.348	ug/l 95
39) 1,2-Dichloropropane	7.52	63	57670	18.151	ug/l 98
40) Dibromomethane	7.66	93	36575	18.148	ug/l 93

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Instrument :
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 VX0308WBS01

Manual Integrations
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 3/11/2019 12:01:56 PM

Quant Time: Mar 09 04:32:47 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	67670	17.764	ug/l	99
42) Vinyl Acetate	3.82	43	806788	92.953	ug/l	97
43) Ethyl Acetate	4.85	43	86047	18.424	ug/l #	83
44) Isopropyl Acetate	6.46	43	129195	18.129	ug/l	100
45) 1,4-Dioxane	7.75	88	29316	393.201	ug/l	92
46) Methyl methacrylate	7.77	41	68737	18.340	ug/l	89
47) n-amyl Acetate	10.90	43	110708	18.030	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	69913	16.946	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	81436	17.432	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	55799	18.164	ug/l	95
51) Ethyl methacrylate	9.18	69	84028	18.036	ug/l	93
52) 1,3-Dichloropropane	9.37	76	92914	18.305	ug/l	98
53) Dibromochloromethane	9.58	129	56202	17.786	ug/l	100
54) 1,2-Dibromoethane	9.67	107	58804	18.310	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	212175	97.919	ug/l	98
56) Bromoform	10.85	173	43830	17.389	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	440861	96.853	ug/l	99
59) 2-Hexanone	9.49	43	336366	93.614	ug/l	100
61) Tetrachloroethene	9.34	164	59843	18.555	ug/l	96
62) Toluene	8.78	91	234861	18.192	ug/l	100
64) Chlorobenzene	10.14	112	148338	18.028	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	52942	17.971	ug/l	99
66) Ethyl Benzene	10.25	91	249365	17.983	ug/l	99
67) m/p-Xylenes	10.36	106	192015	36.113	ug/l	96
68) o-Xylene	10.69	106	93598	18.128	ug/l	98
69) Styrene	10.71	104	152729	17.953	ug/l	99
70) Isopropylbenzene	11.02	105	251565	18.234	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	85429	18.749	ug/l	98
72) 1,2,3-Trichloropropane	11.30	75	80596m	18.765	ug/l	
73) Bromobenzene	11.26	156	67184	18.317	ug/l	96
74) n-propylbenzene	11.36	91	279403	17.954	ug/l	98
75) 2-Chlorotoluene	11.42	91	169089	18.127	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	207897	18.183	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	22031	16.602	ug/l	95
78) 4-Chlorotoluene	11.51	91	189776	17.995	ug/l	95
79) tert-butylbenzene	12.06	119	218296	17.791	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	209563	18.059	ug/l	98
81) sec-Butylbenzene	11.94	105	245864	17.889	ug/l	98
82) p-Isopropyltoluene	12.06	119	218296	17.791	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	116078	17.775	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	116267	17.795	ug/l	98
85) n-Butylbenzene	12.39	91	179701	17.125	ug/l	99
86) Hexachloroethane	12.60	117	34533	17.273	ug/l	84
87) 1,2-Dichlorobenzene	12.39	146	116399	18.036	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16976	18.239	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	81036	17.472	ug/l	99
90) Hexachlorobutadiene	13.78	225	44477	17.387	ug/l	99
91) Naphthalene	13.83	128	238099	17.909	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	80756	17.517	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Manual Integrations
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Quant Time: Mar 09 04:32:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
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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

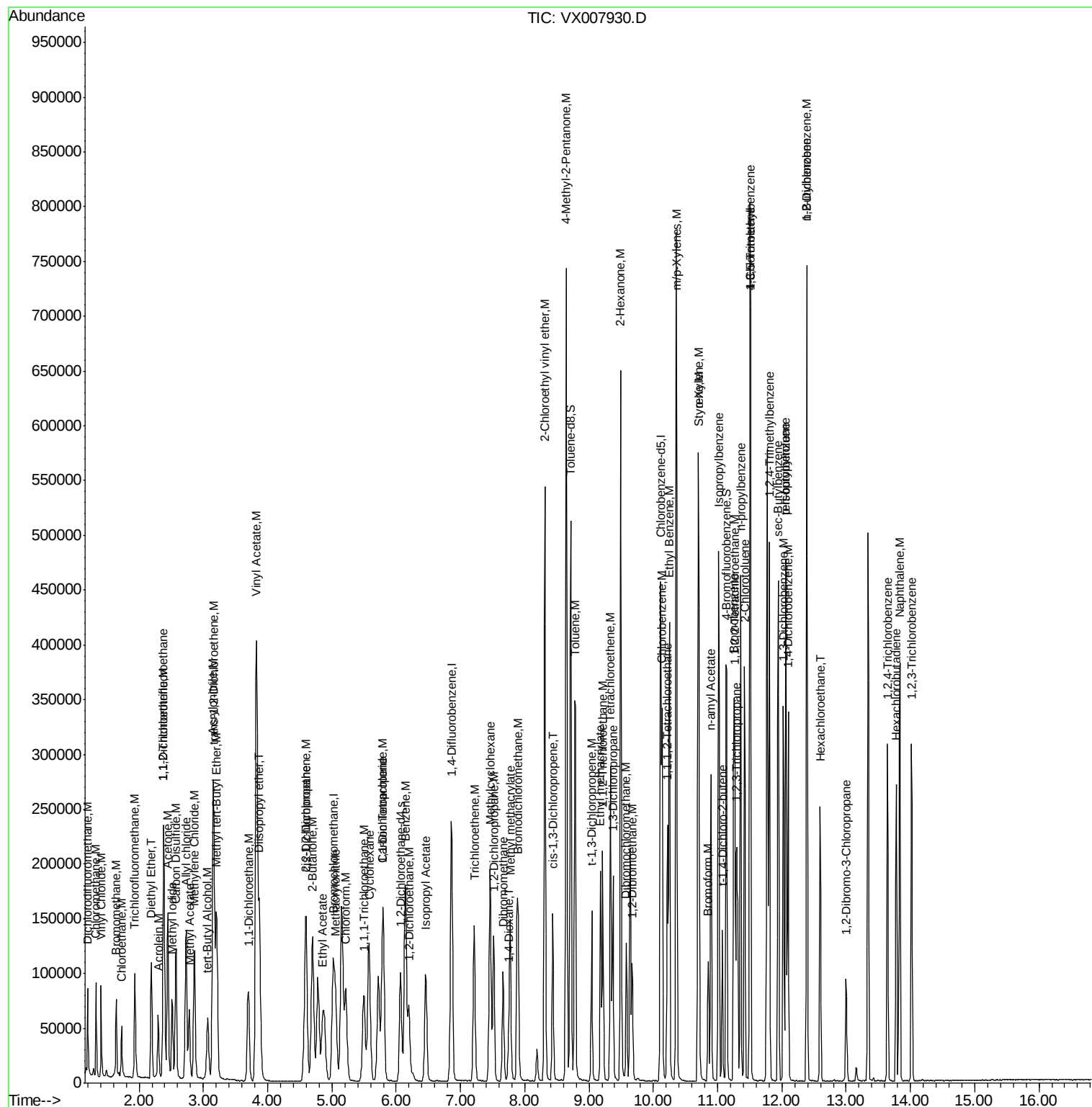
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 Data File : VX007930.D
 Acq On : 08 Mar 2019 14:43
 Operator : JC/SP
 Sample : VX0308WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

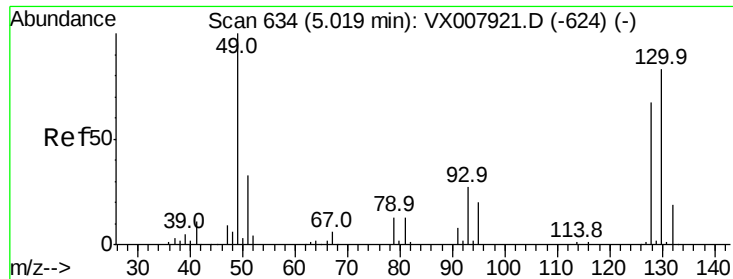
Instrument :
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 Client Sample ID :
 VX0308WBS01

Manual Integrations
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Quant Time: Mar 09 04:32:47 2019
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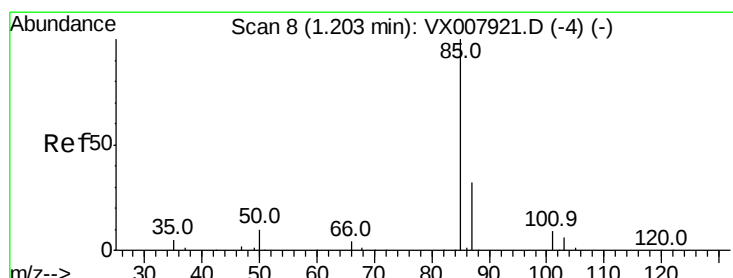
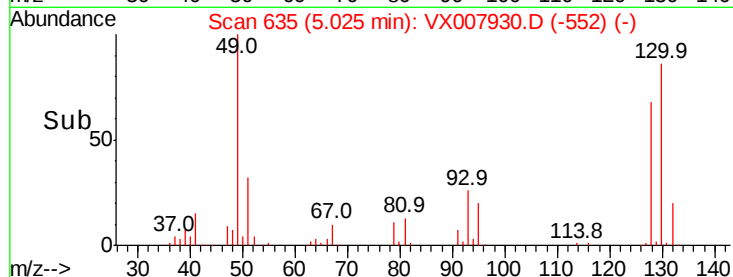
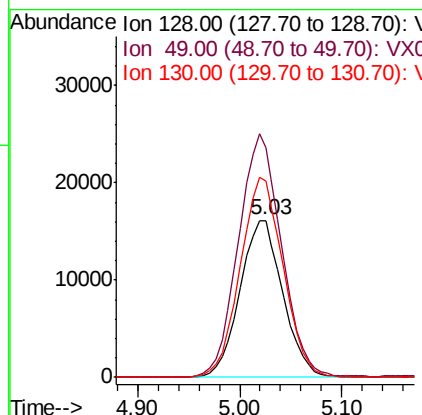
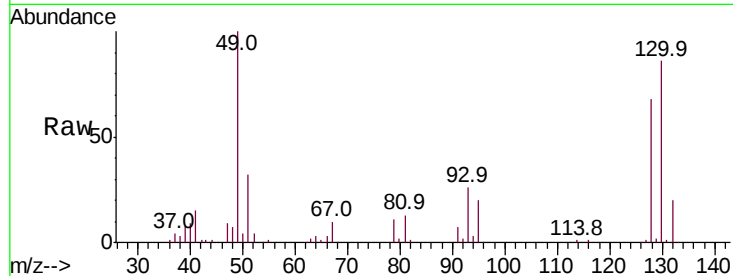
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	156.2	0.0	350.8
130	127.9	0.0	325.8

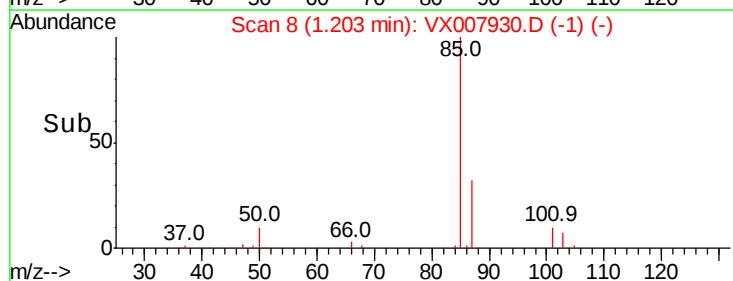
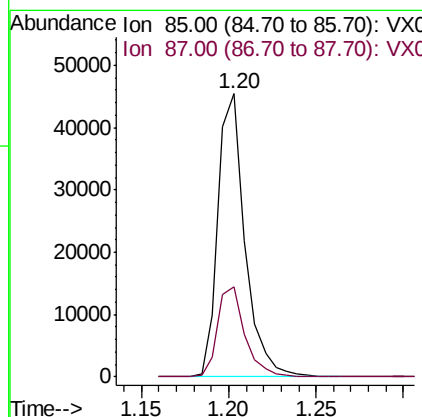
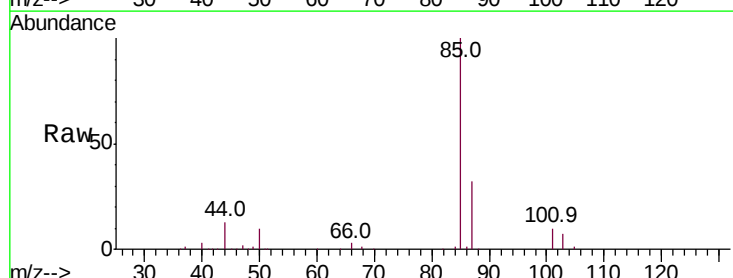
Manual Integrations
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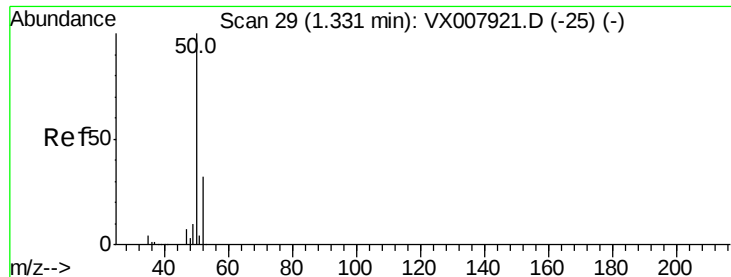
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#2
 Dichlorodifluoromethane
 Concen: 17.488 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.6	49.8





#3

Chloromethane

Concen: 17.434 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion: 50 Resp: 54118

Ion Ratio Lower Upper

50 100

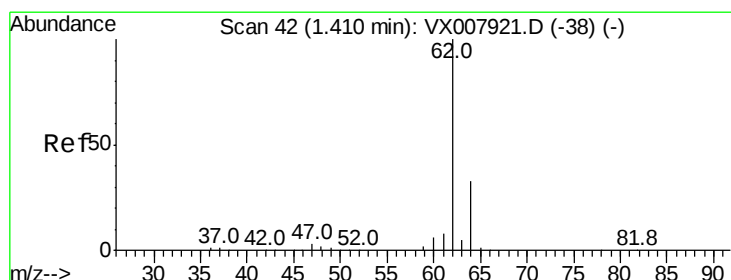
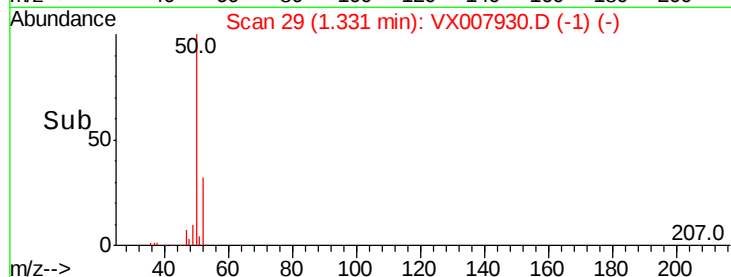
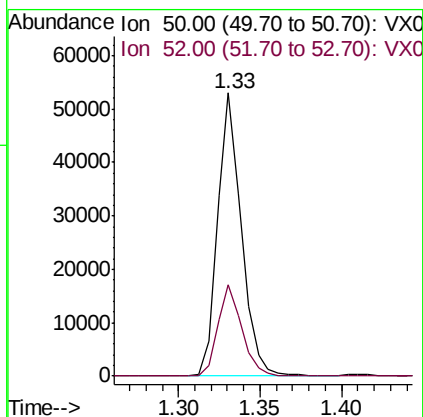
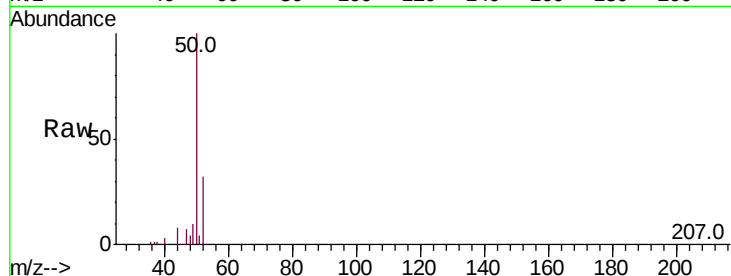
52 32.3 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.051 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007930.D

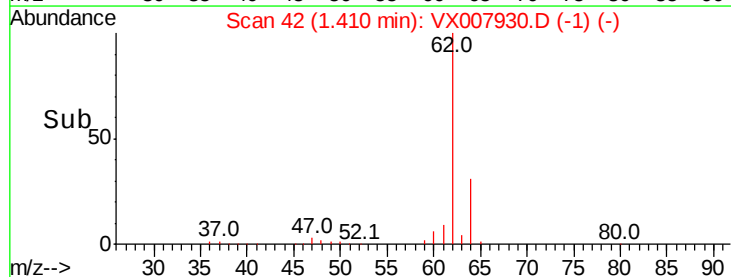
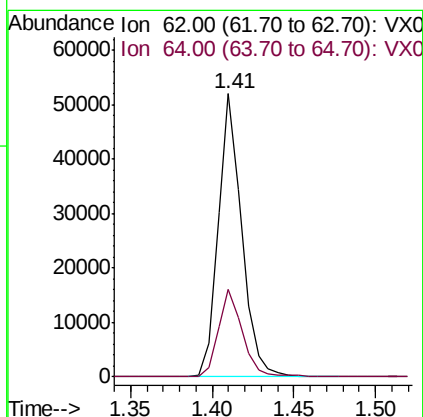
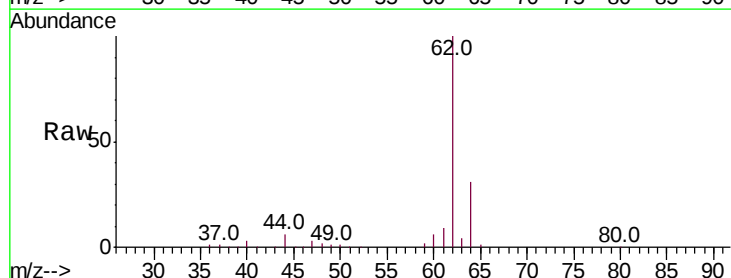
Acq: 08 Mar 2019 14:43

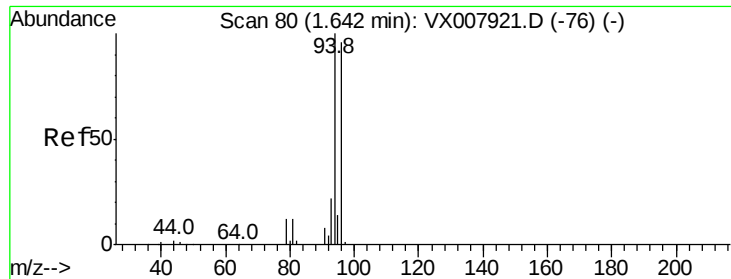
Tgt Ion: 62 Resp: 52429

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 18.897 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion: 94 Resp: 28968

Ion Ratio Lower Upper

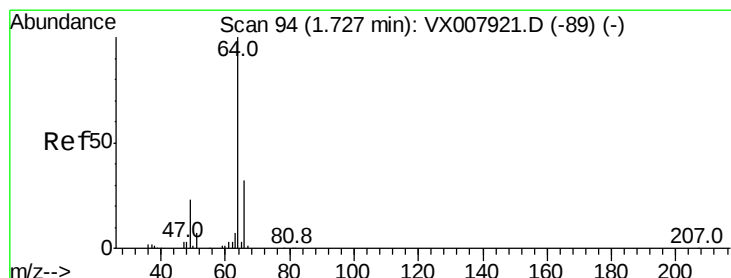
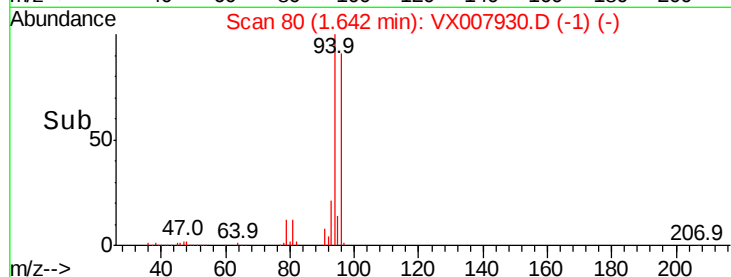
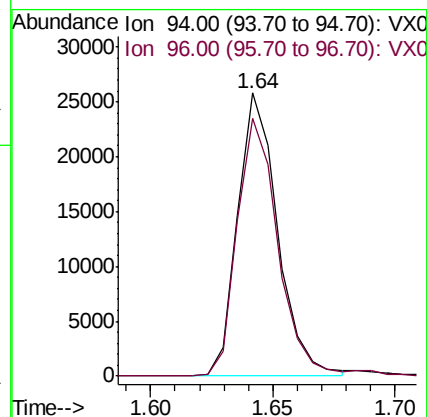
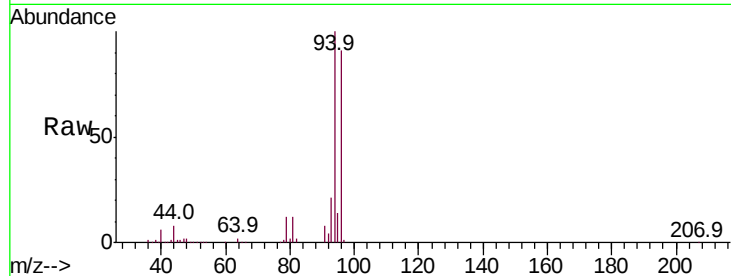
94 100

96 91.1 75.6 113.4

Manual Integrations
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#6

Chloroethane

Concen: 17.096 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007930.D

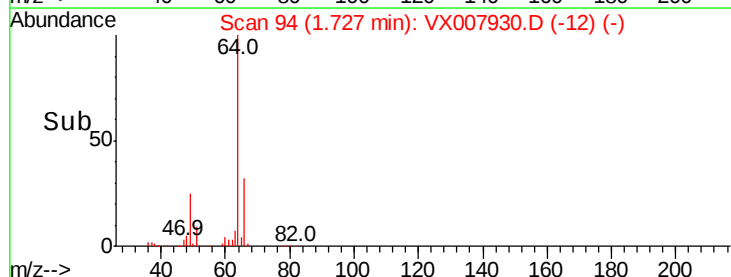
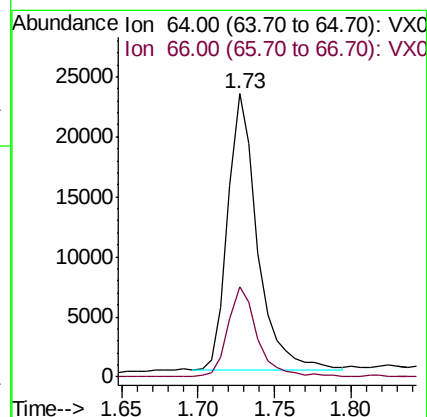
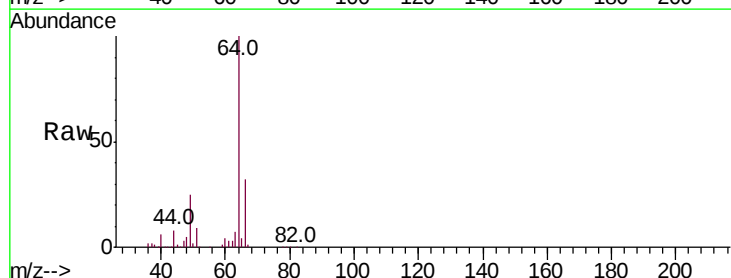
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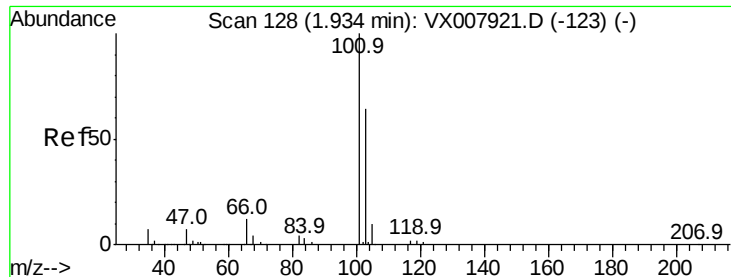
Tgt Ion: 64 Resp: 30701

Ion Ratio Lower Upper

64 100

66 32.3 23.9 35.9





#7

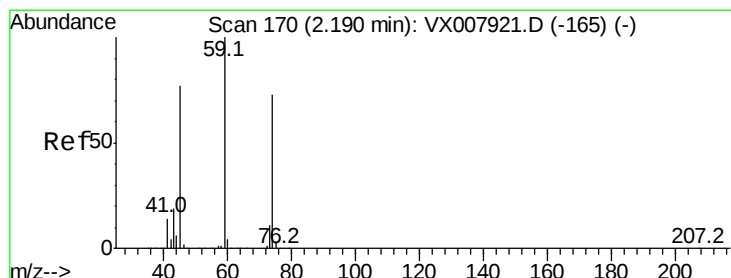
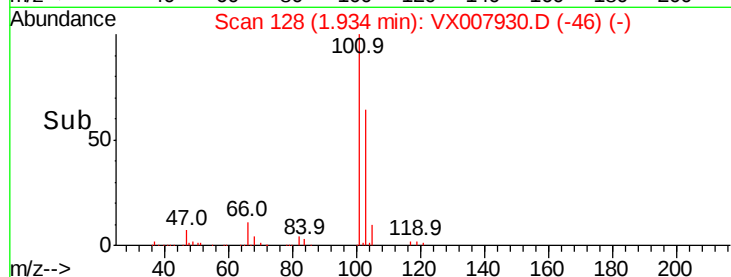
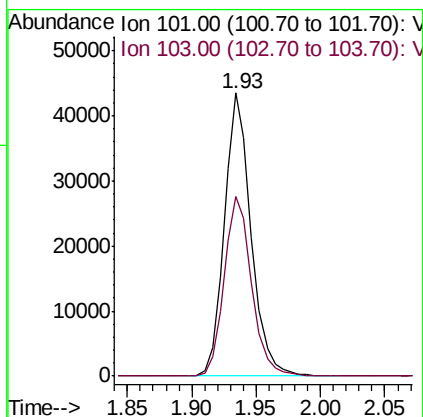
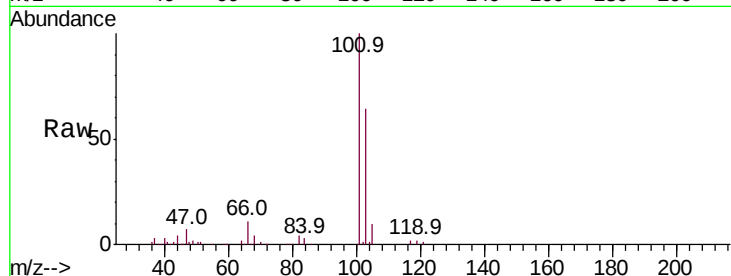
Trichlorofluoromethane
Concen: 16.498 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.4	75.6

Manual Integrations
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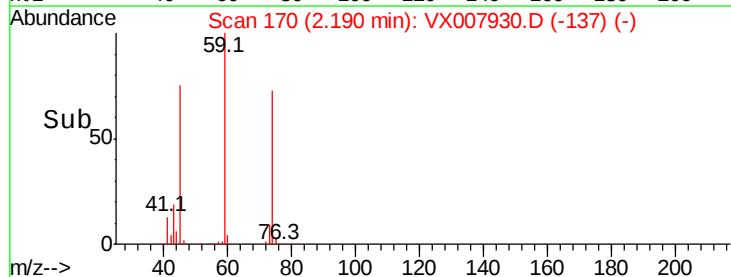
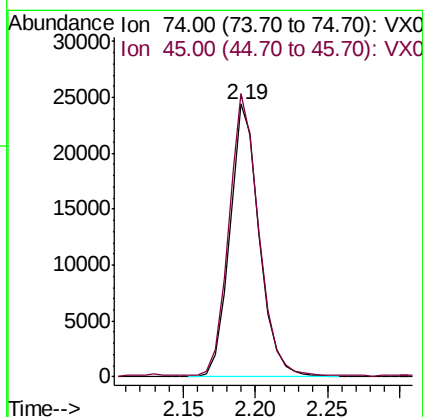
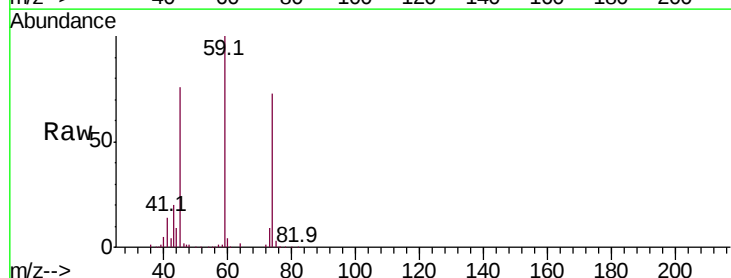
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3/11/2019 12:01:56 PM

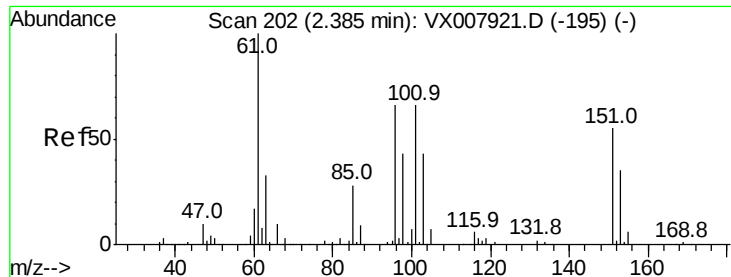


#8

Diethyl Ether
Concen: 17.730 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.172 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

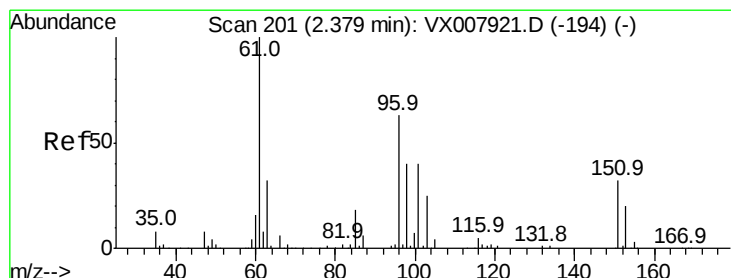
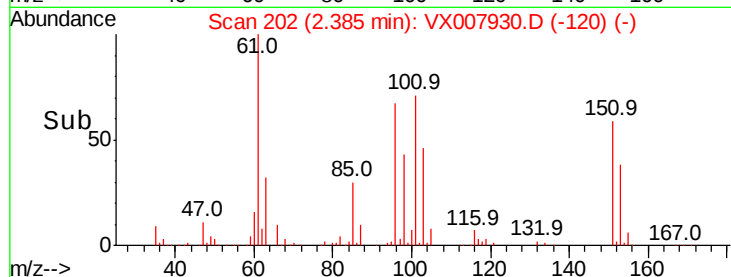
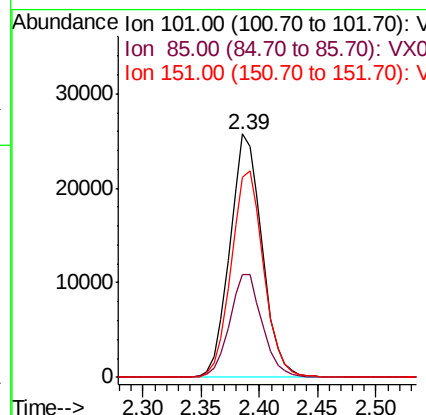
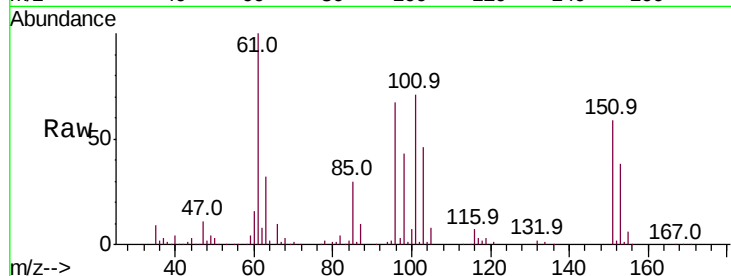
ClientSampleId :

VX0308WBS01

Tot Ion:	101	Resp:	49433
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	86.8
151	85.8	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 17.773 ug/l

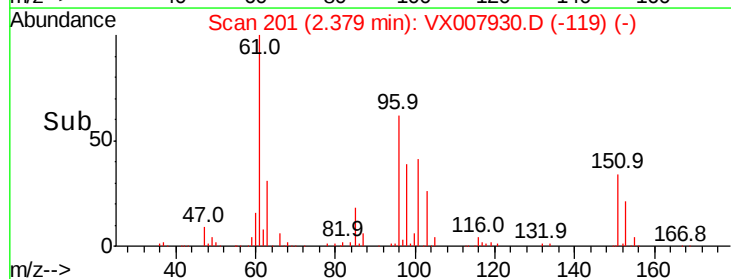
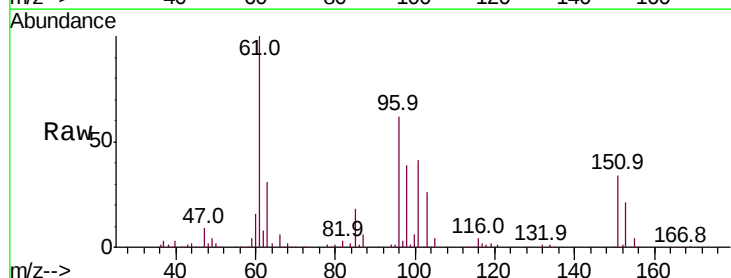
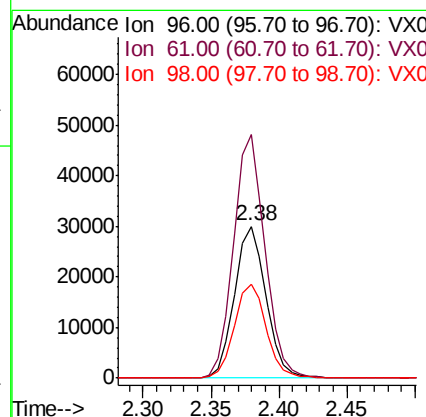
RT: 2.38 min Scan# 201

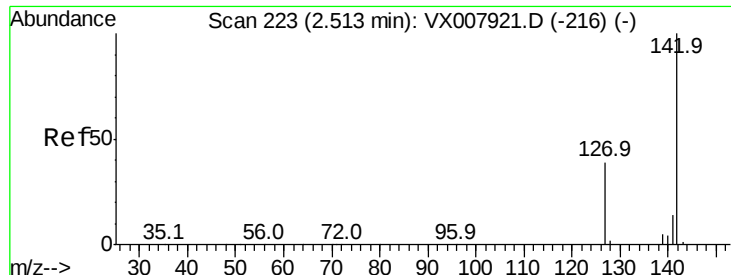
Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Tgt Ion:	96	Resp:	48495
Ion Ratio	Lower	Upper	
96	100		
61	160.6	120.2	180.2
98	62.2	49.0	73.4





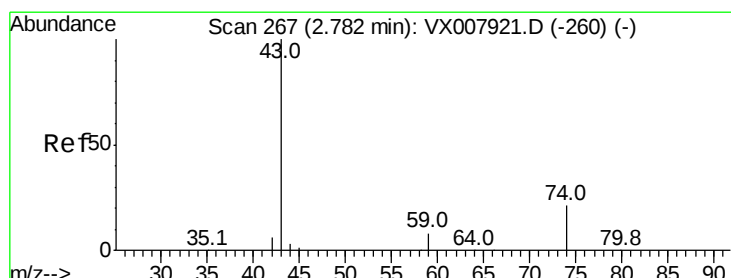
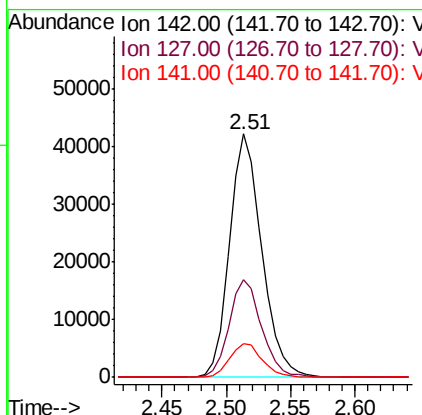
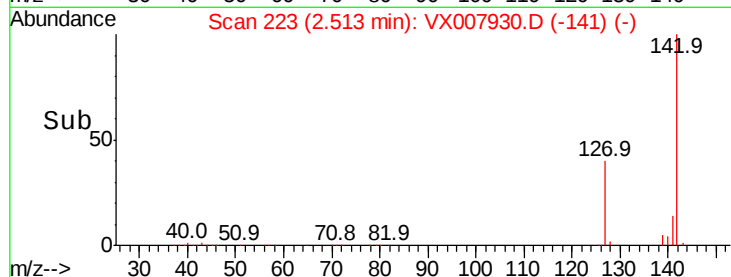
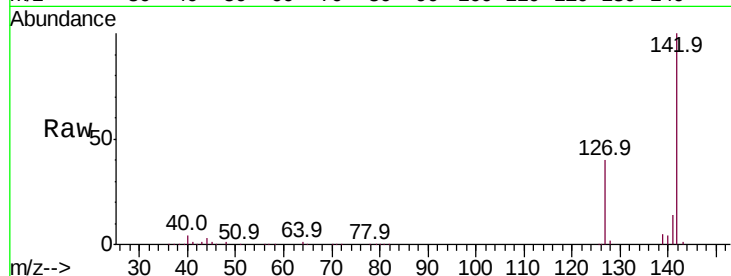
#11
Methvl Iodide
Concen: 17.332 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.0	22.1	66.5
141	14.0	7.4	22.3

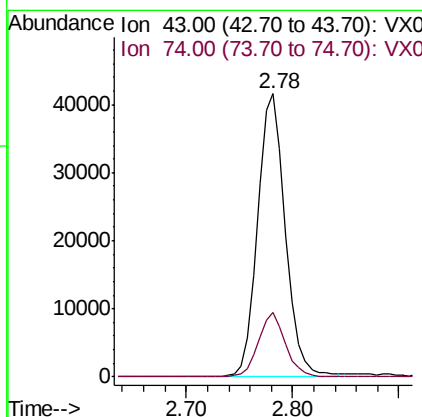
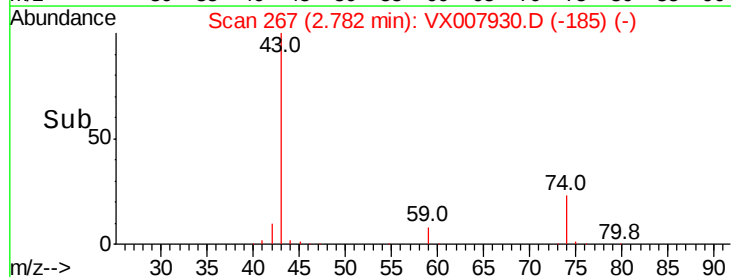
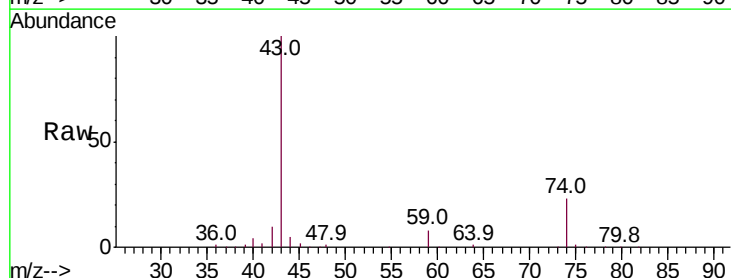
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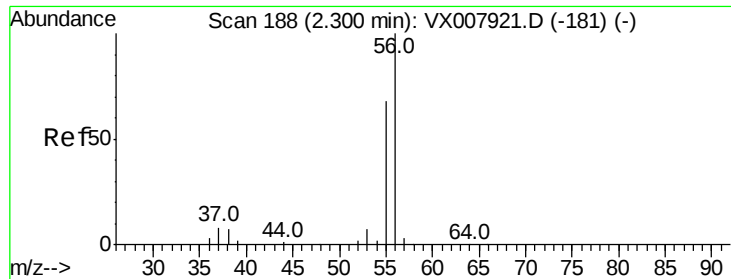
MMDadoda
3/11/2019 12:01:56 PM



#12
Methyl Acetate
Concen: 17.463 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.4	29.0





#13

Acrolein

Concen: 86.931 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion: 56 Resp: 44010

Ion Ratio Lower Upper

56 100

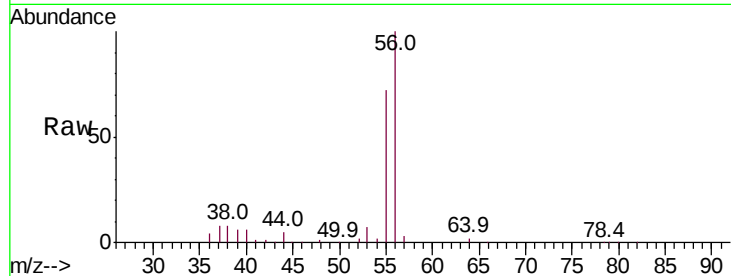
55 72.8 58.6 87.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

30000

25000

20000

15000

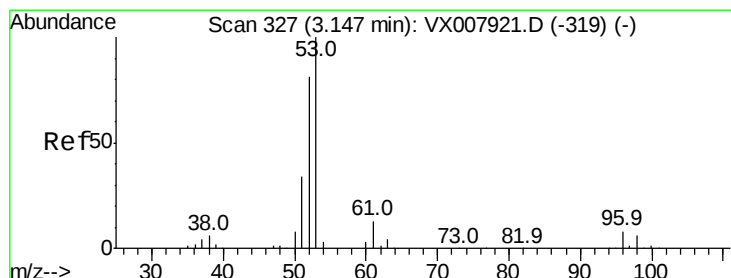
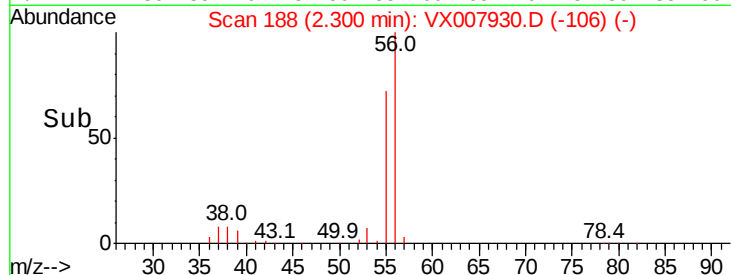
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Acrylonitrile

Concen: 91.817 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

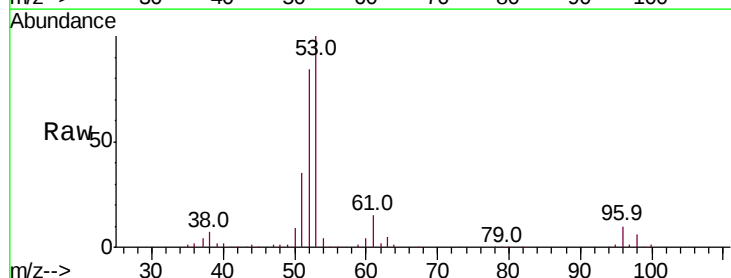
Tgt Ion: 53 Resp: 168193

Ion Ratio Lower Upper

53 100

52 82.2 41.3 124.1

51 35.7 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

3.15

100000

80000

60000

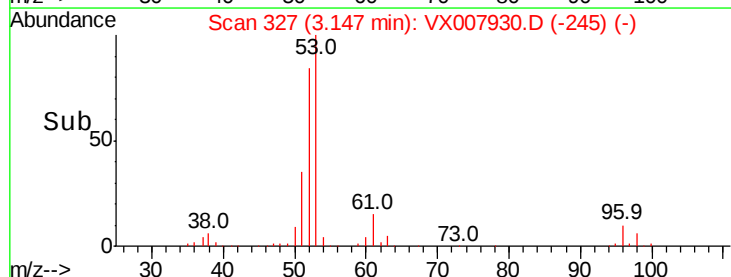
40000

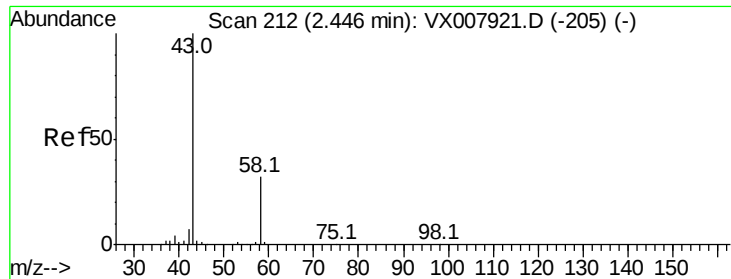
20000

0

Time-->

3.10 3.20 3.30





#15

Acetone

Concen: 76.150 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion: 58 Resp: 50363

Ion Ratio Lower Upper

58 100

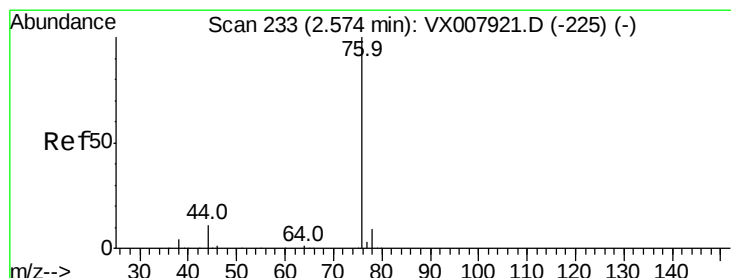
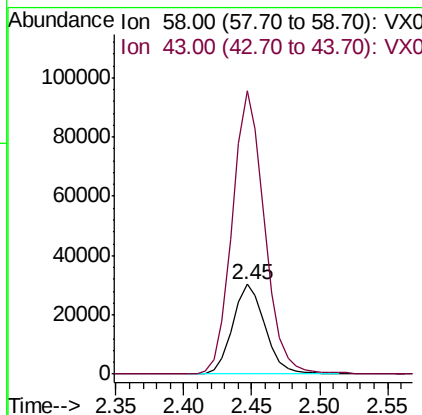
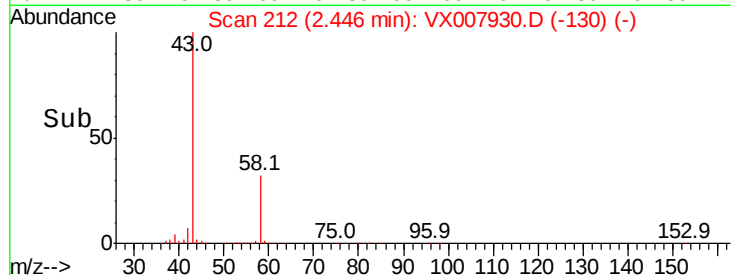
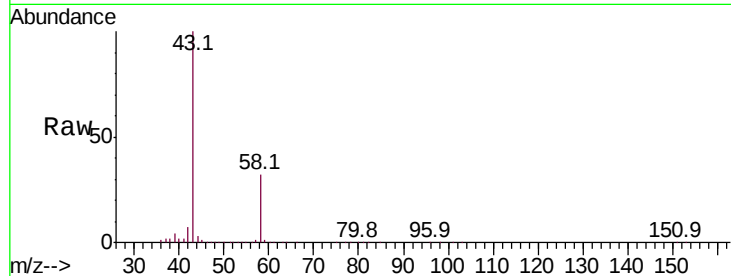
43 315.6 249.8 374.6

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.695 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007930.D

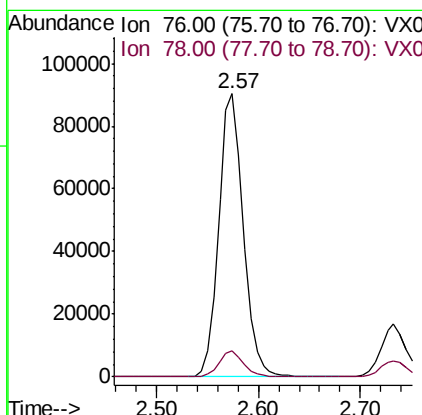
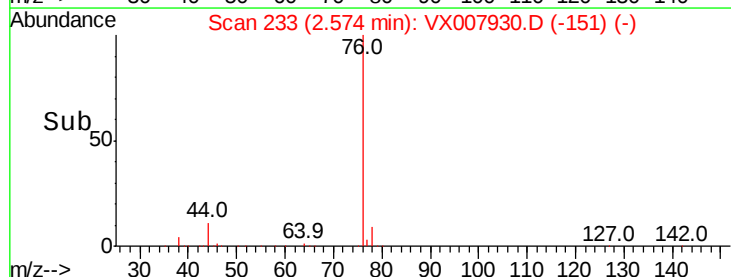
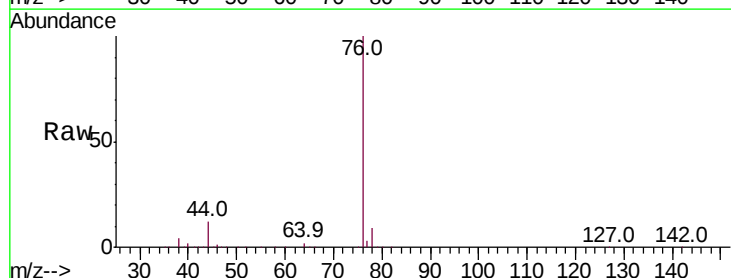
Acq: 08 Mar 2019 14:43

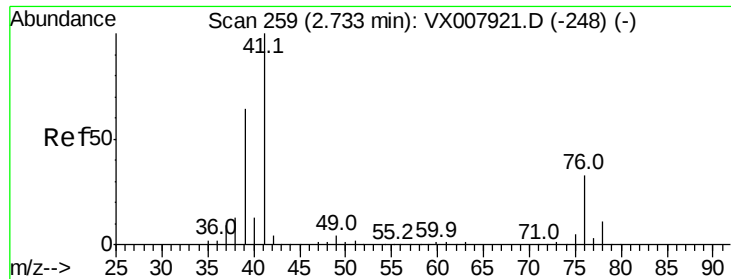
Tgt Ion: 76 Resp: 151481

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





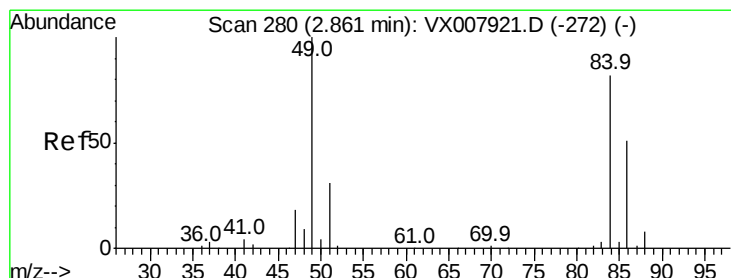
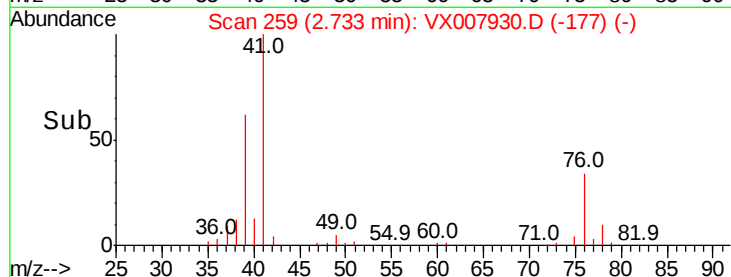
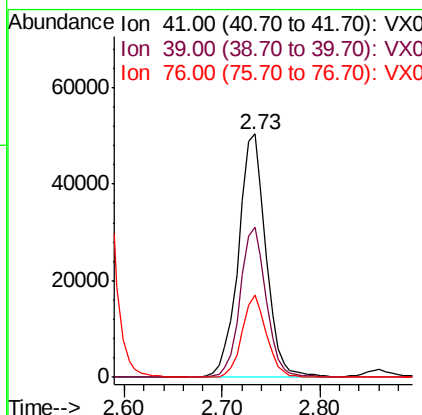
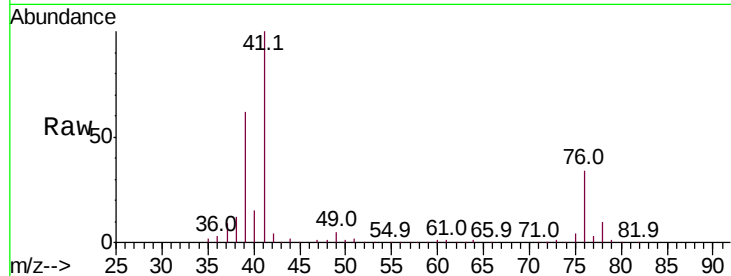
#17
Allvl chloride
Concen: 17.620 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.8	35.8	107.4
76	33.8	18.3	54.9

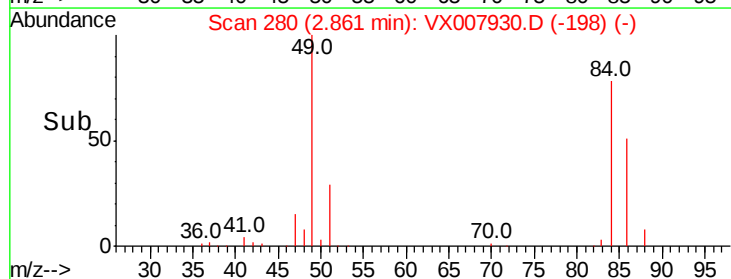
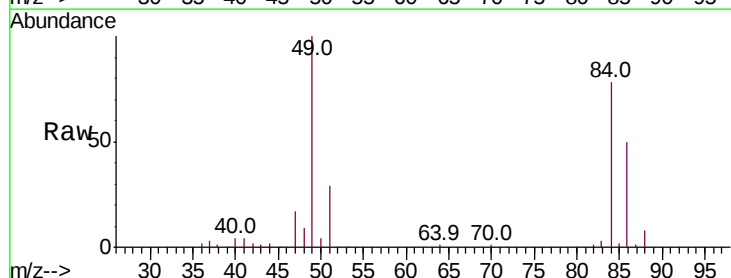
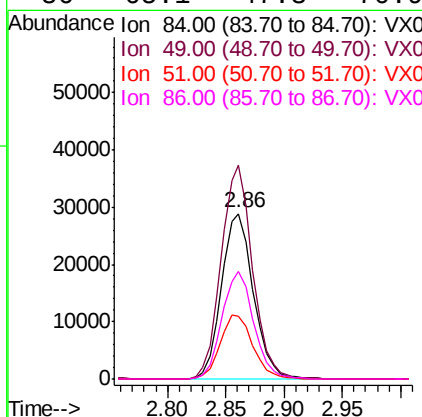
Manual Integrations
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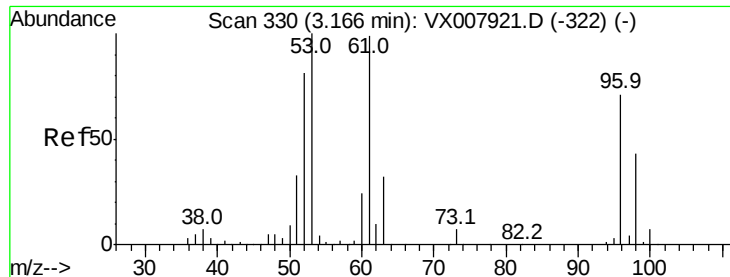
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#18
Methylene Chloride
Concen: 17.648 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	96.1	144.1
51	37.2	29.1	43.7
86	65.1	47.3	70.9





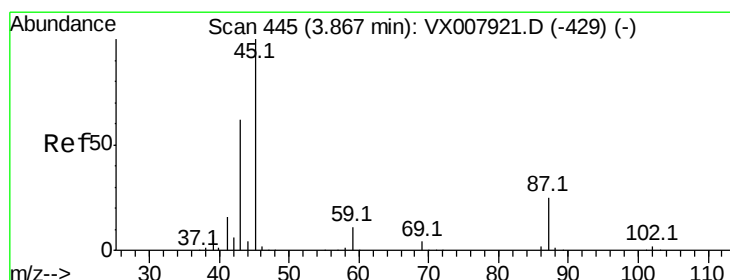
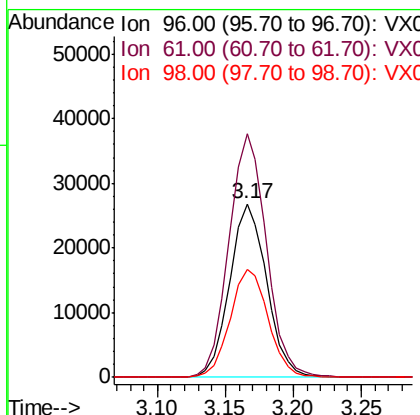
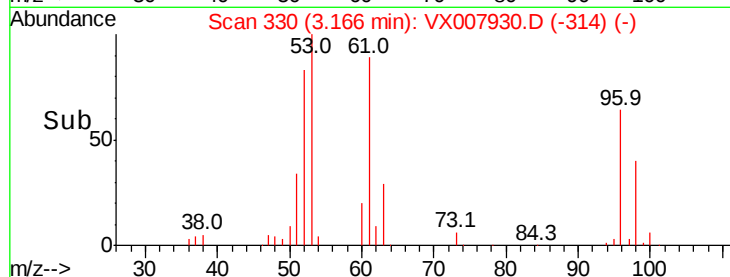
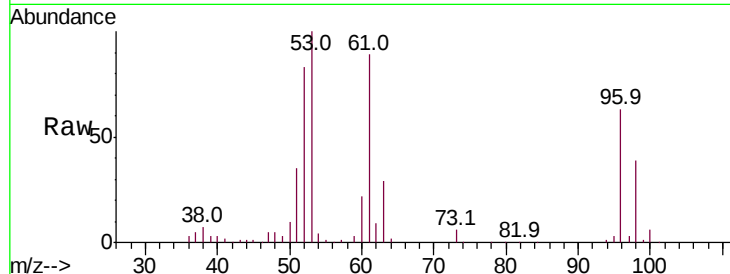
#19
trans-1,2-Dichloroethene
Concen: 17.654 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	109.9	164.9
98	62.3	50.4	75.6

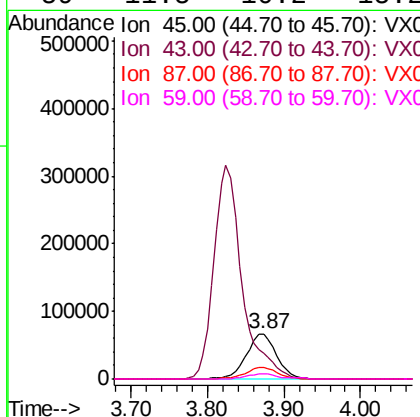
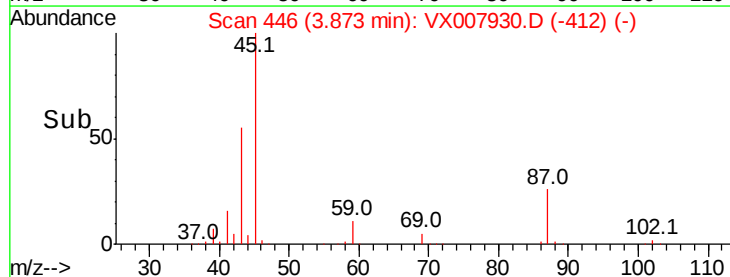
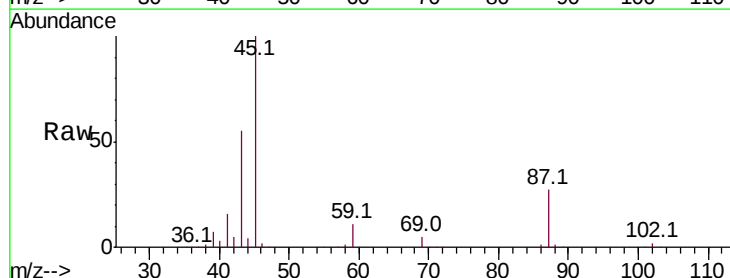
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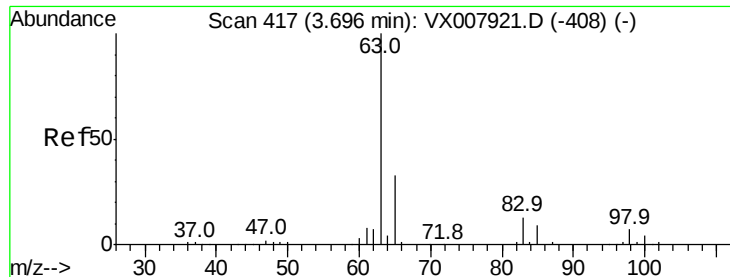
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#20
Diisopropyl ether
Concen: 17.975 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.0	50.6	76.0
87	26.5	24.5	36.7
59	11.5	10.2	15.2





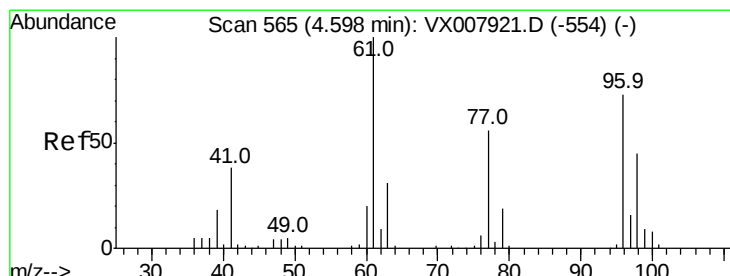
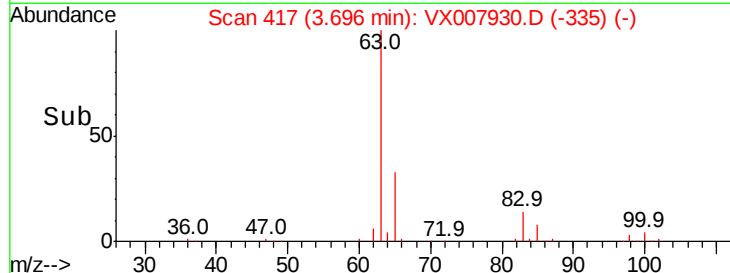
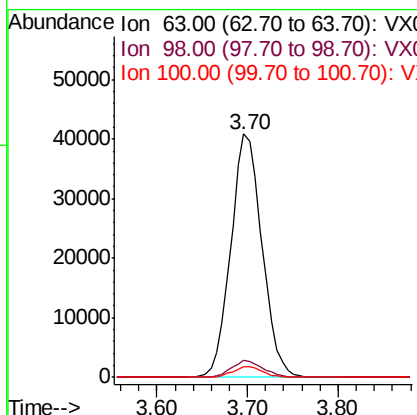
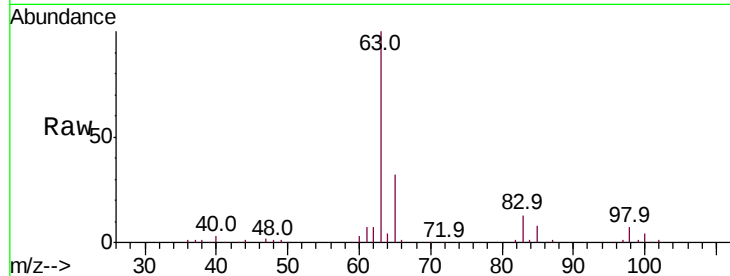
#21
 1,1-Dichloroethane
 Concen: 17.526 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion:	63	Resp:	97548
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.8	11.4
100	4.3	2.4	7.1

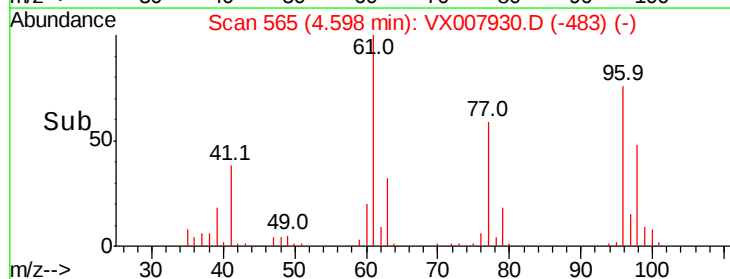
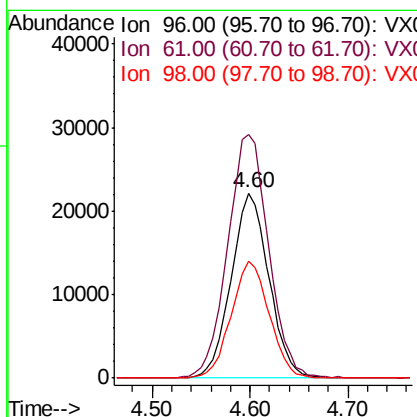
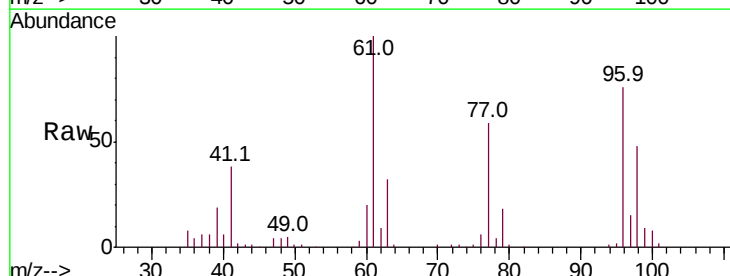
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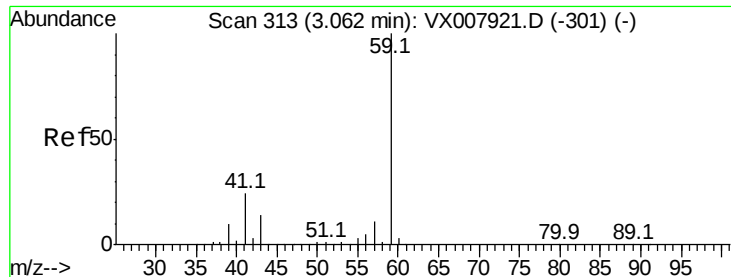
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 3/11/2019 12:01:56 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.824 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion:	96	Resp:	59357
Ion Ratio	Lower	Upper	
96	100		
61	142.4	103.5	155.3
98	64.0	52.1	78.1





#23

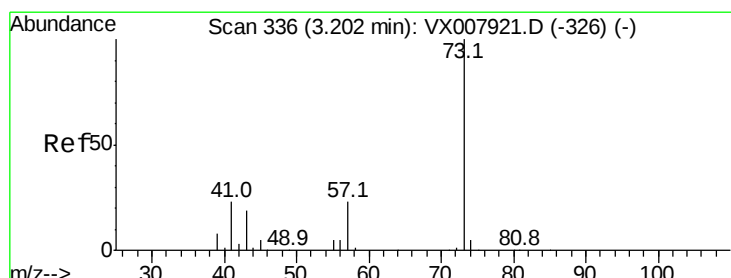
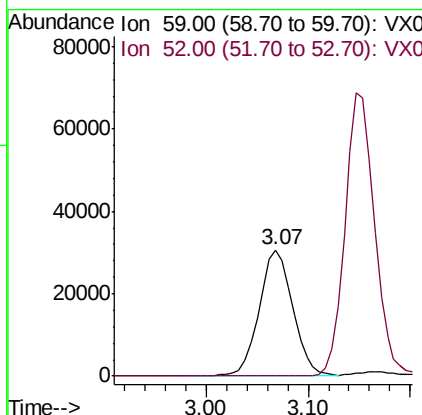
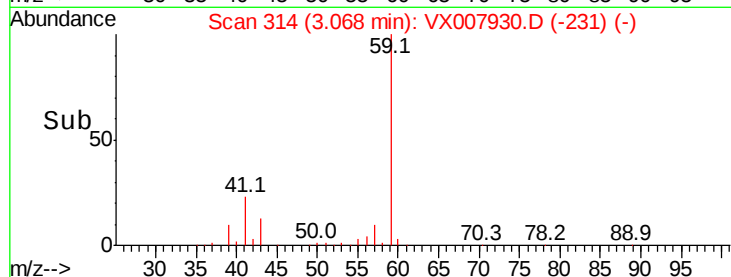
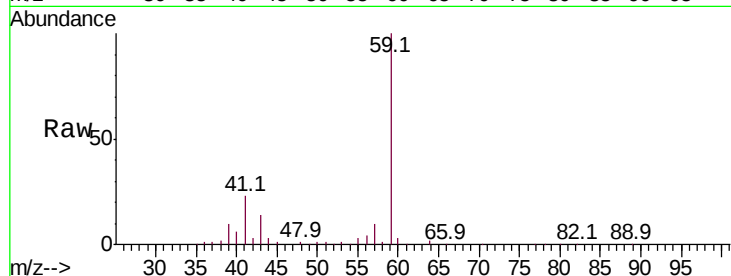
tert-Butyl Alcohol
 Concen: 95.470 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion: 59 Resp: 70554
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

Manual Integrations
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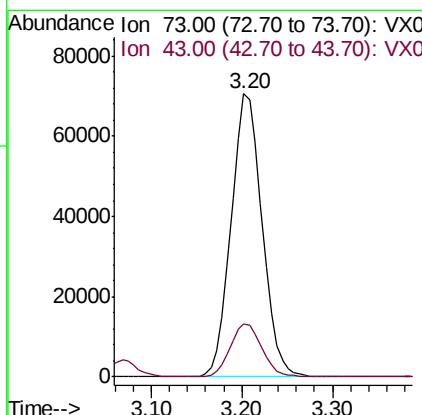
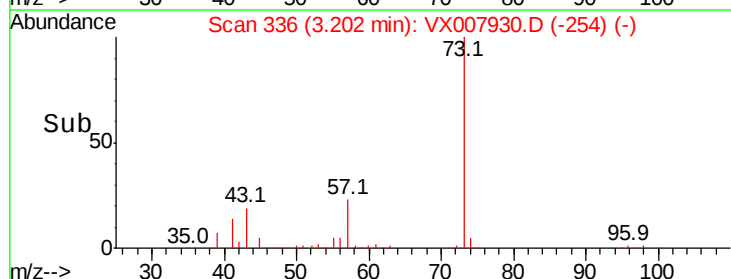
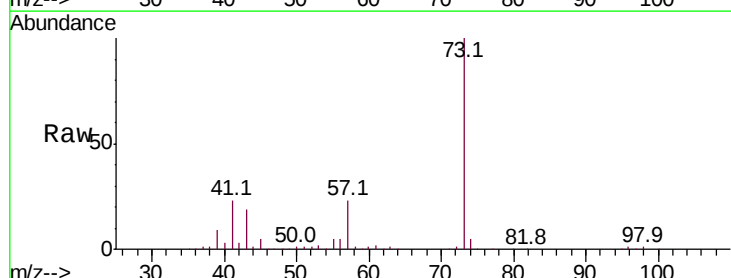
MMDadoda
 3/11/2019 12:01:56 PM

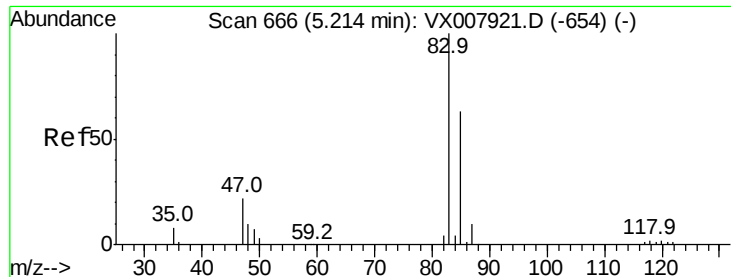


#24

Methyl tert-Butyl Ether
 Concen: 17.855 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 73 Resp: 167506
 Ion Ratio Lower Upper
 73 100
 43 18.8 17.1 25.7





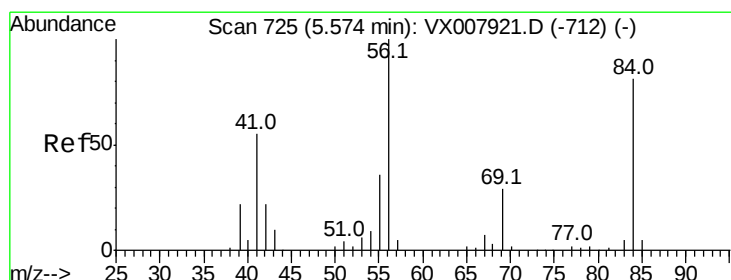
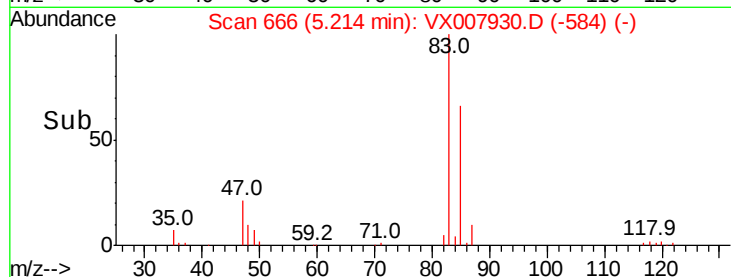
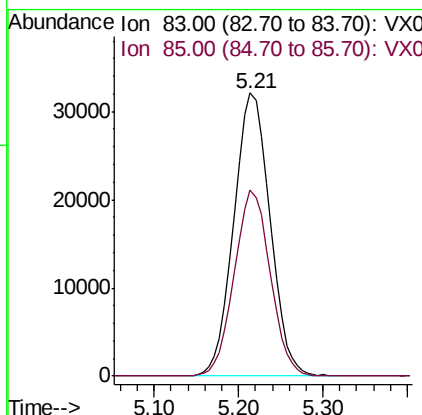
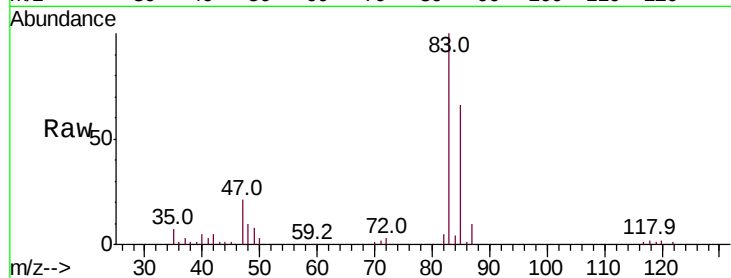
#25
Chloroform
Concen: 17.864 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion: 83 Resp: 93845
Ion Ratio Lower Upper
83 100
85 65.7 53.8 80.6

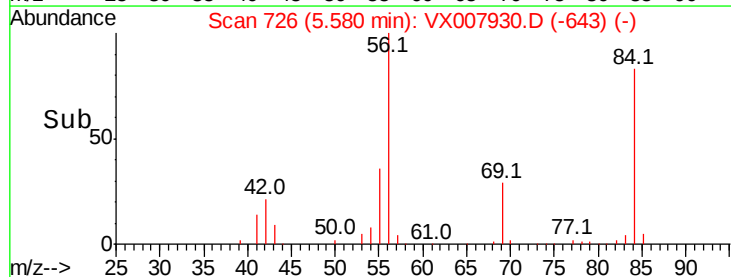
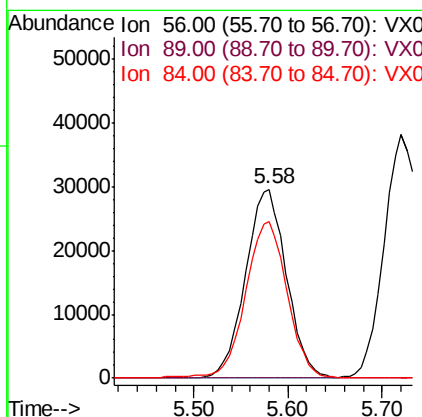
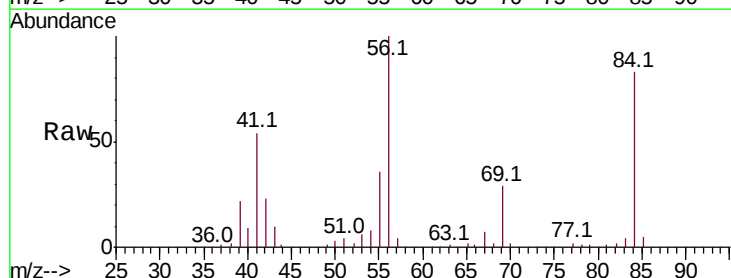
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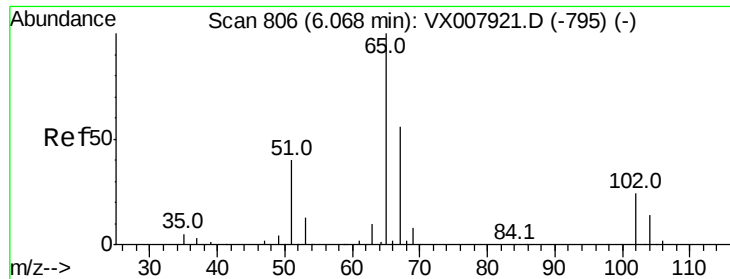
MMDadoda
3/11/2019 12:01:56 PM



#26
Cyclohexane
Concen: 17.533 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 56 Resp: 90176
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.8 73.9 110.9





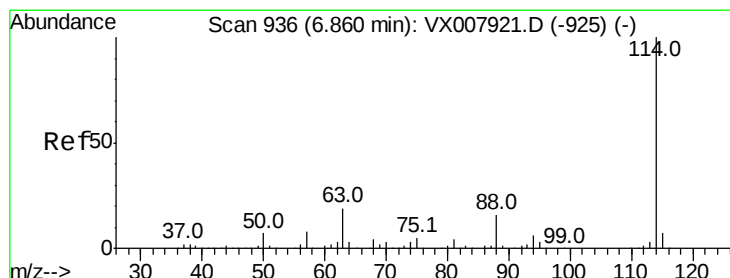
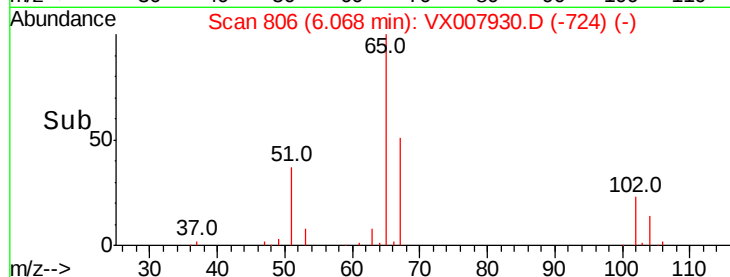
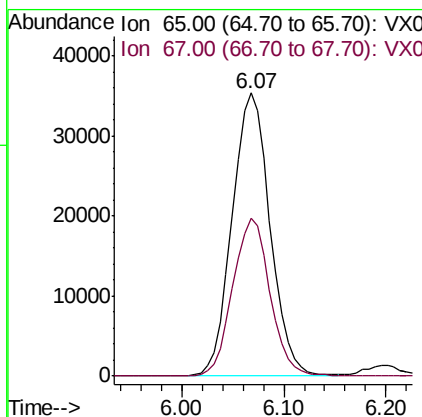
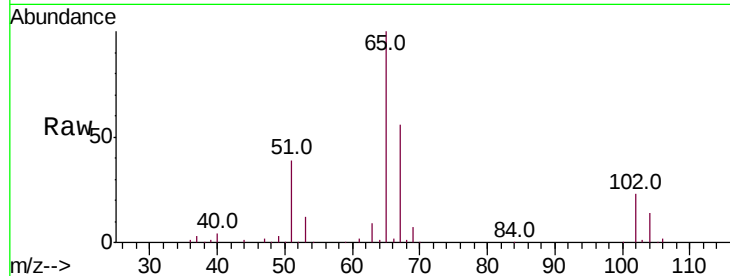
#27
 1,2-Dichloroethane-d4
 Concen: 29.594 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion: 65 Resp: 91467
 Ion Ratio Lower Upper
 65 100
 67 54.6 42.9 64.3

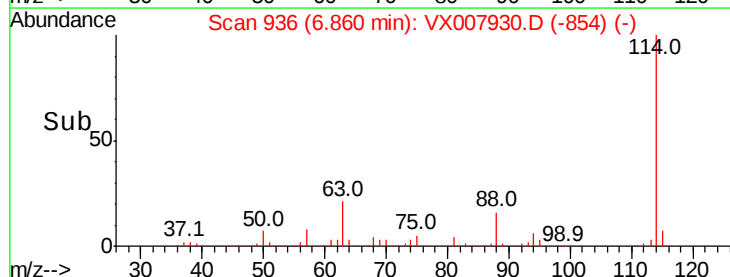
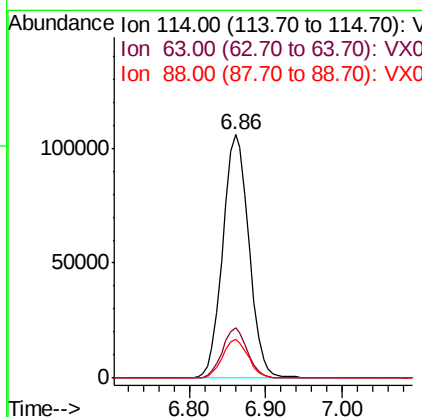
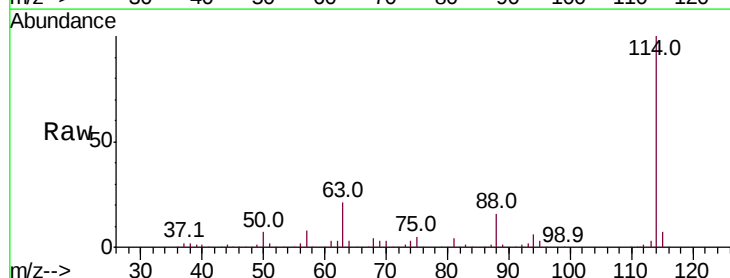
Manual Integrations
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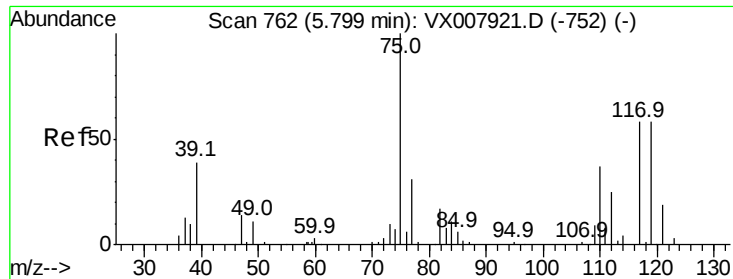
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 114 Resp: 250729
 Ion Ratio Lower Upper
 114 100
 63 19.8 14.2 21.4
 88 15.7 11.9 17.9





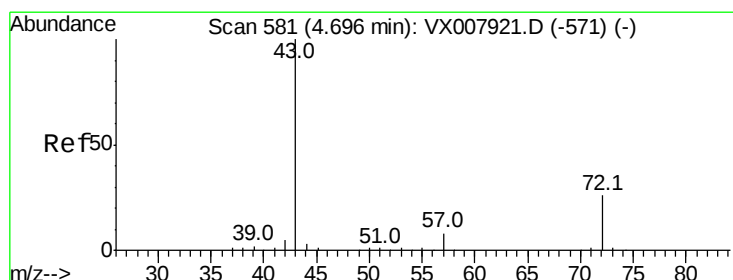
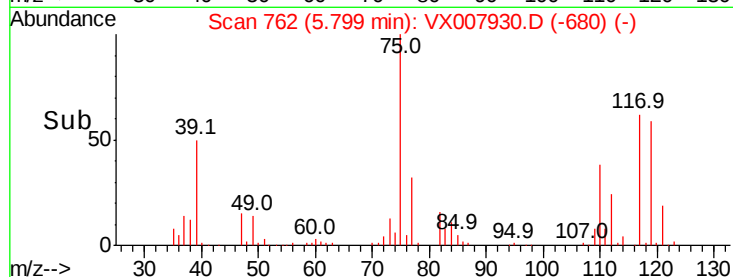
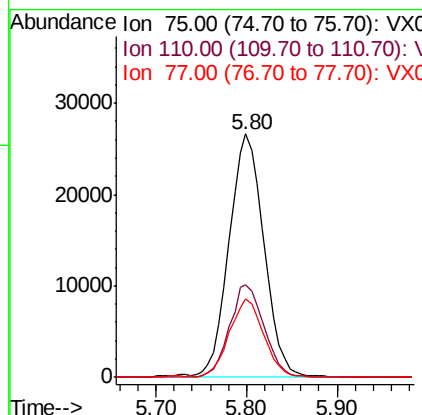
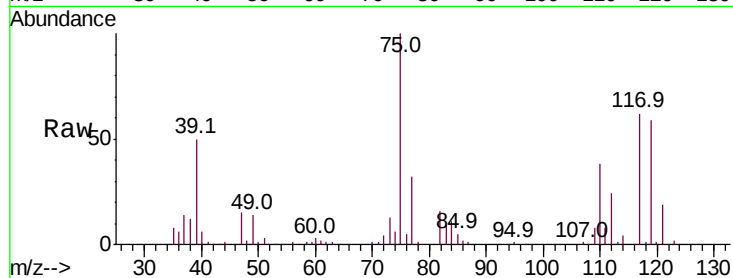
#29
 1,1-Dichloropropene
 Concen: 17.915 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.5	0.0	80.8
77	31.8	0.0	62.4

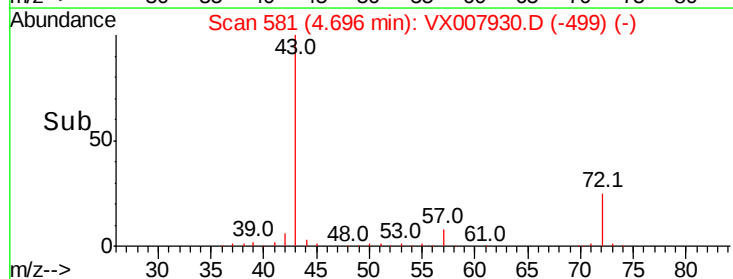
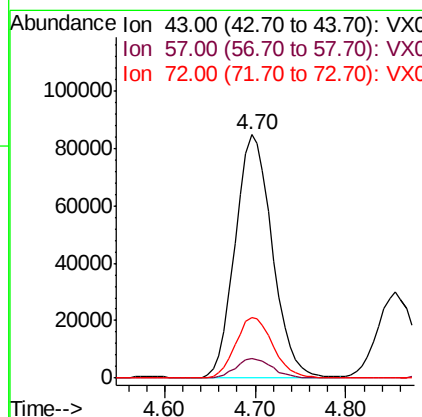
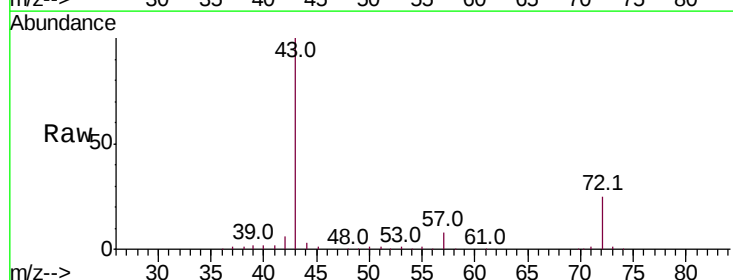
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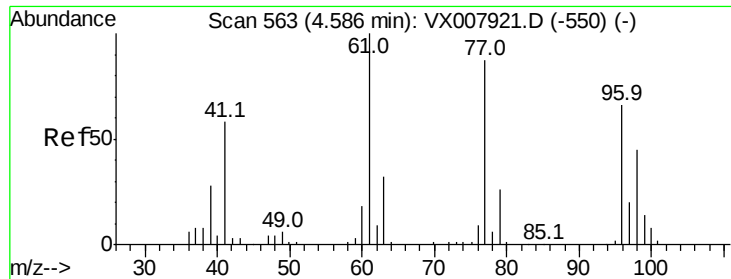
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#30
 2-Butanone
 Concen: 89.479 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	7.0	10.6
72	25.2	21.5	32.3





#31

2,2-Dichloropropane

Concen: 16.907 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion: 77 Resp: 62081

Ion Ratio Lower Upper

77 100

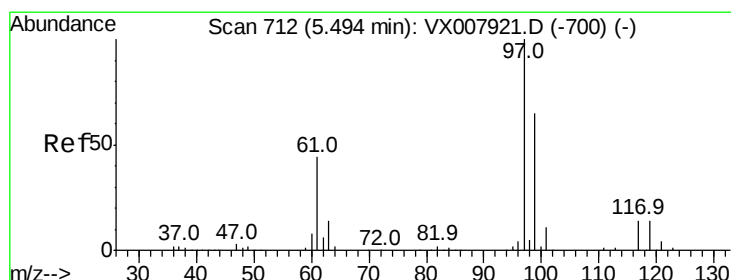
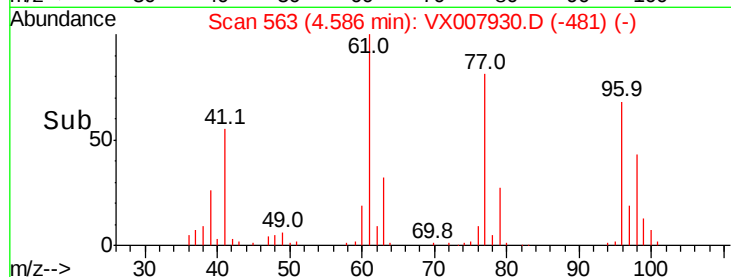
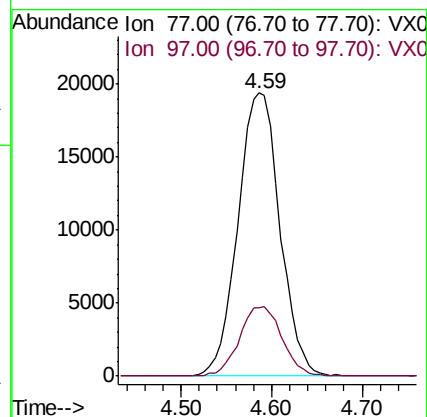
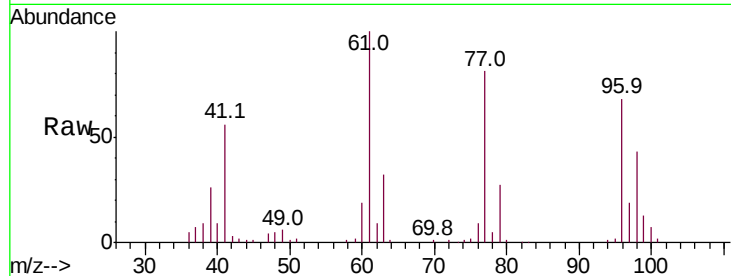
97 25.0 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.845 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

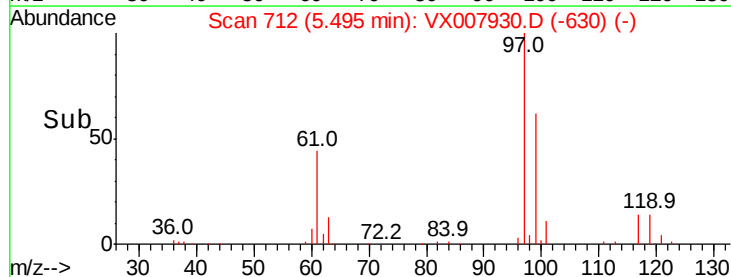
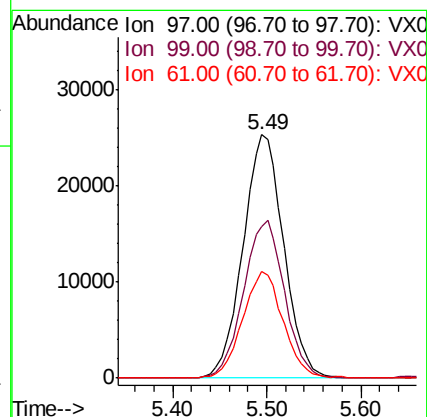
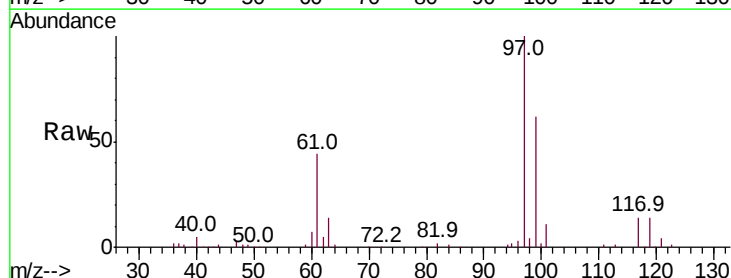
Tgt Ion: 97 Resp: 76712

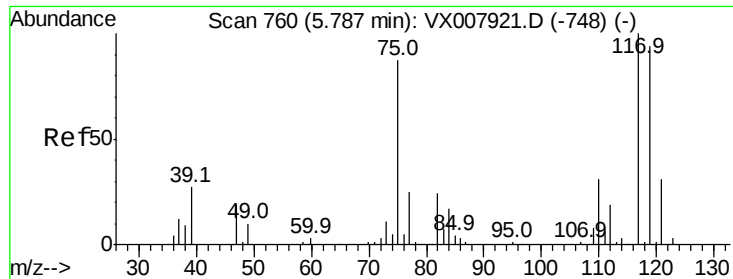
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 43.5 32.8 49.2





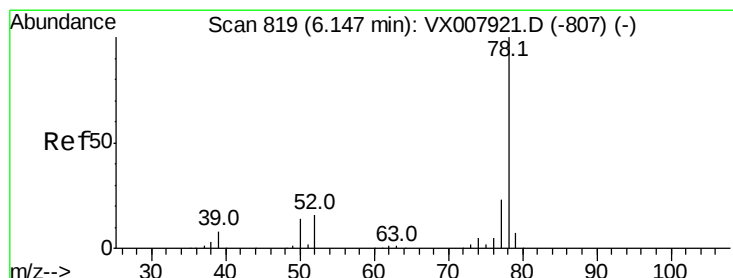
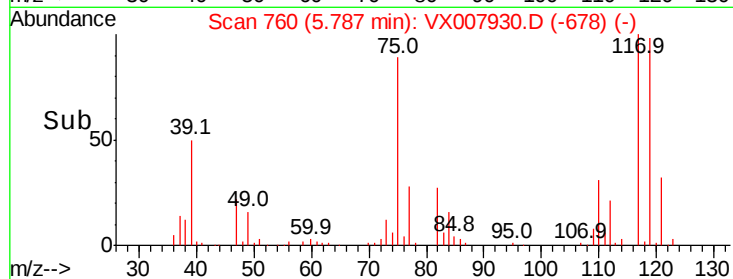
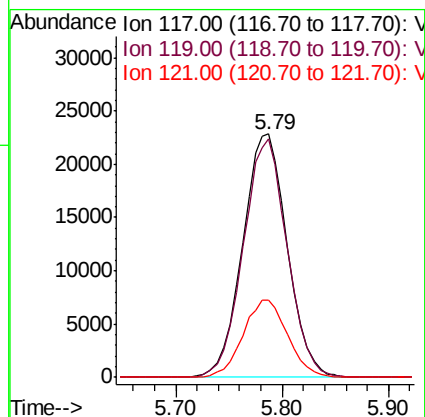
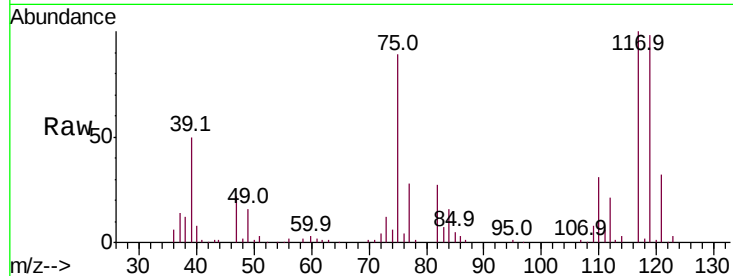
#33
Carbon Tetrachloride
Concen: 17.527 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion:117 Resp: 66831
Ion Ratio Lower Upper
117 100
119 97.9 78.1 117.1
121 31.9 27.0 40.6

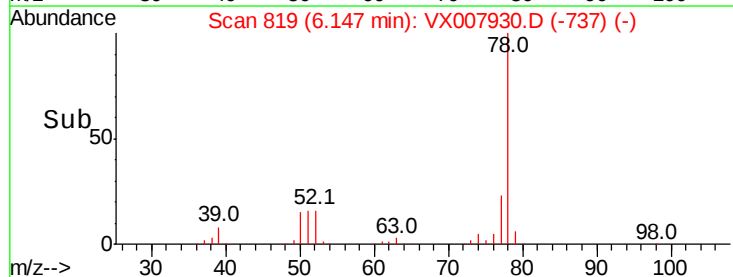
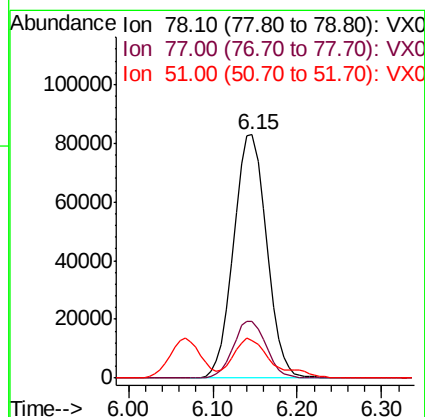
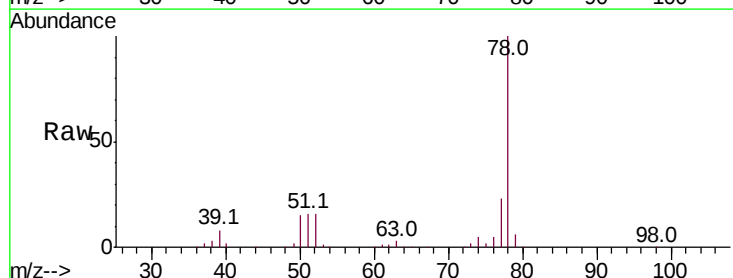
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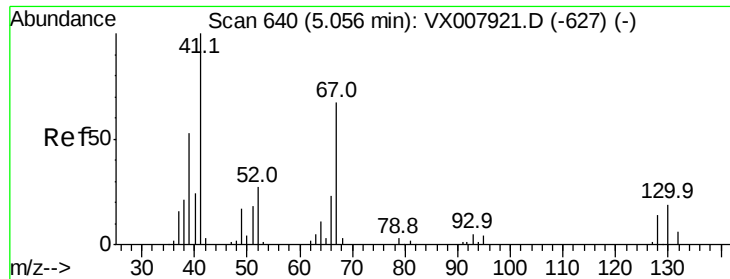
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#34
Benzene
Concen: 18.096 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 78 Resp: 220469
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 15.4 10.8 16.2





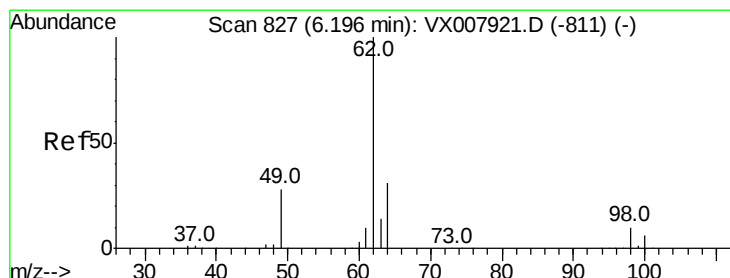
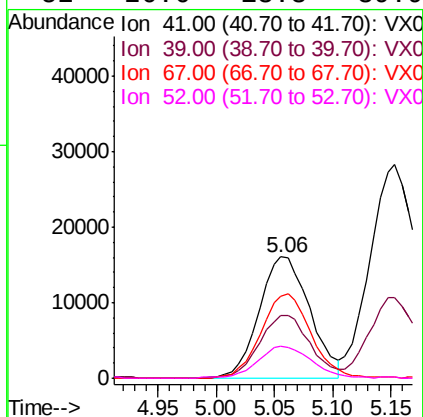
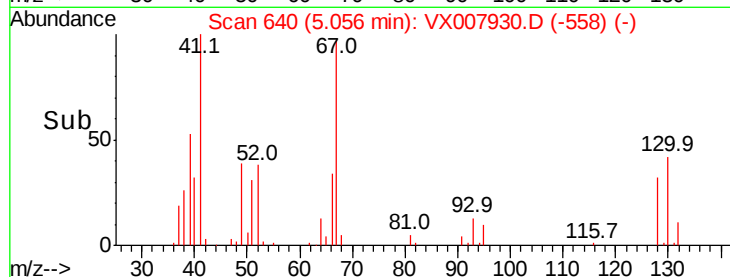
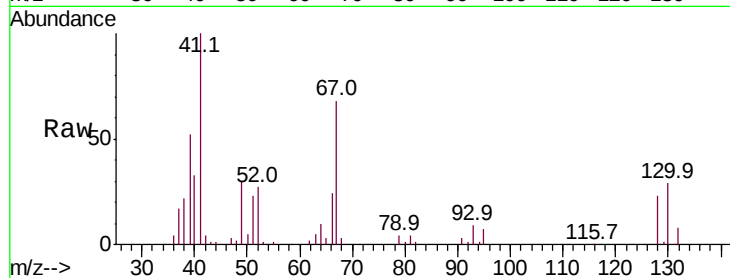
#35
Methacrylonitrile
Concen: 18.600 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	27.4	82.0	
67	67.9	37.9	113.6	
52	26.6	13.3	39.9	

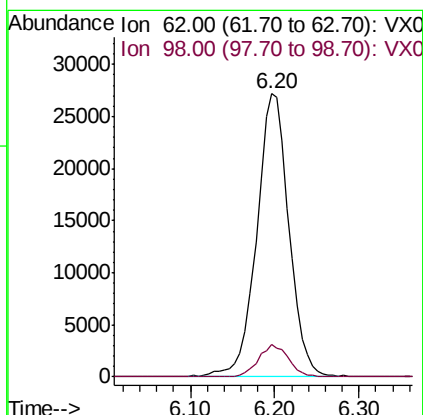
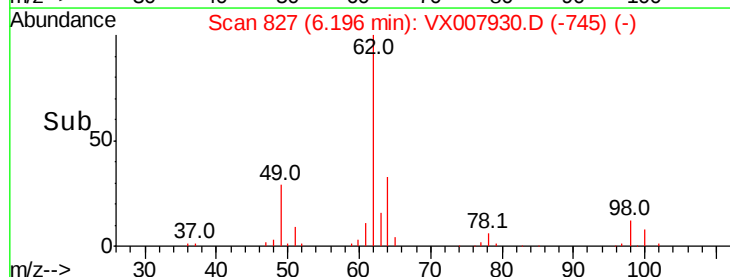
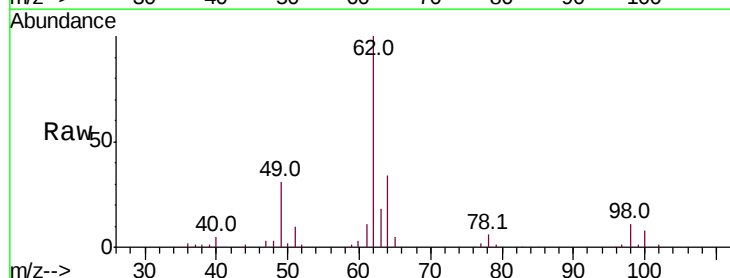
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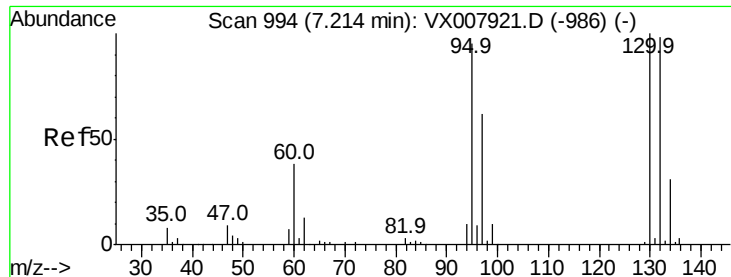
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#36
1,2-Dichloroethane
Concen: 18.038 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	7.8	11.8	





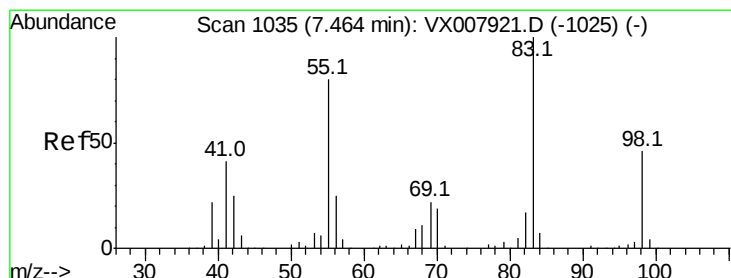
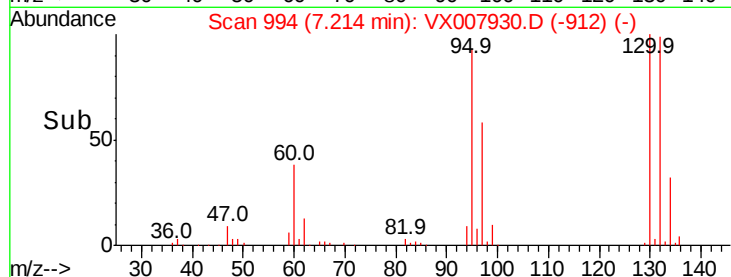
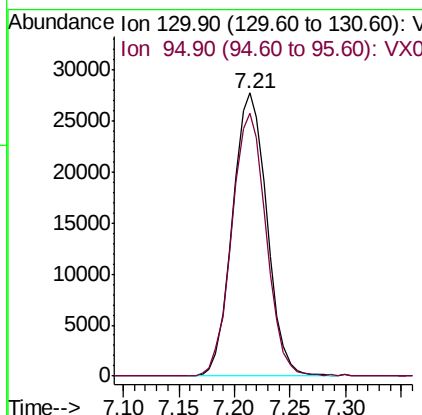
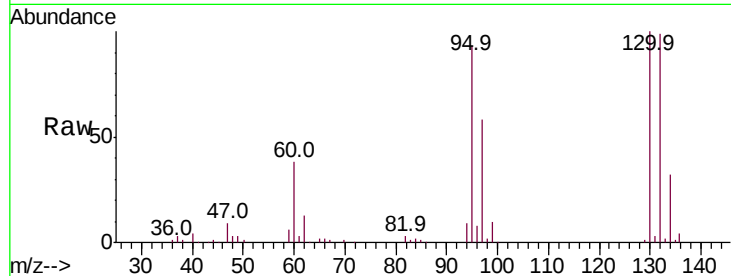
#37
 Trichloroethene
 Concen: 17.991 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion:130 Resp: 59387
 Ion Ratio Lower Upper
 130 100
 95 92.7 71.3 106.9

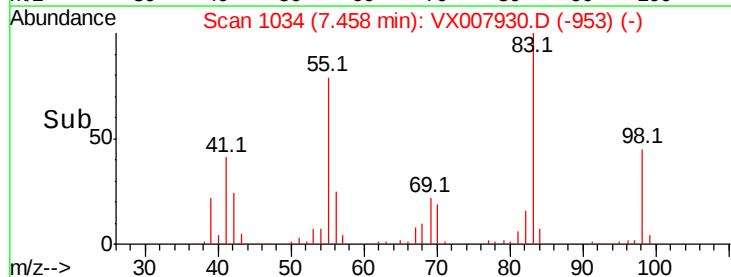
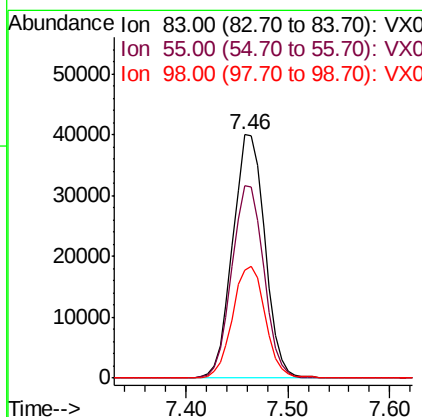
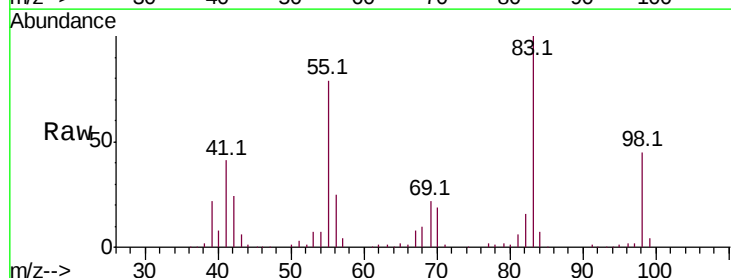
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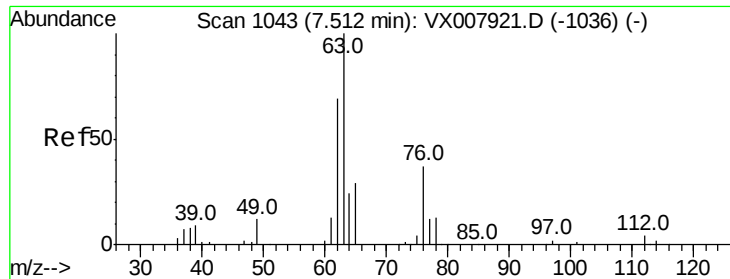
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#38
 Methylcyclohexane
 Concen: 17.348 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 83 Resp: 87683
 Ion Ratio Lower Upper
 83 100
 55 78.5 36.0 108.0
 98 46.2 23.8 71.4





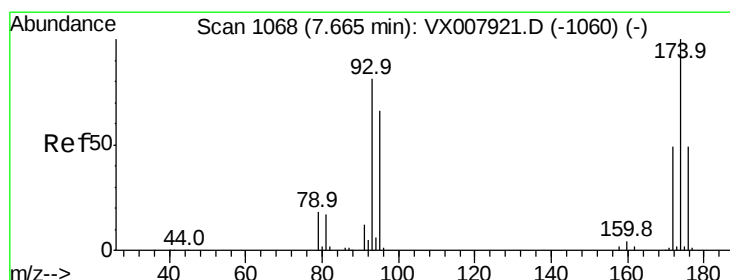
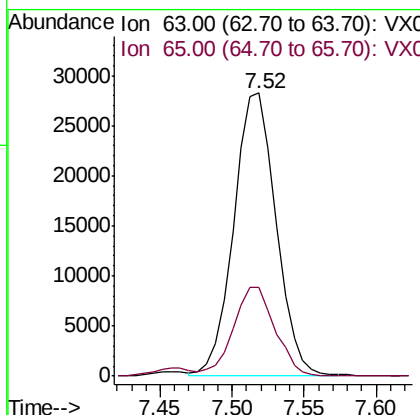
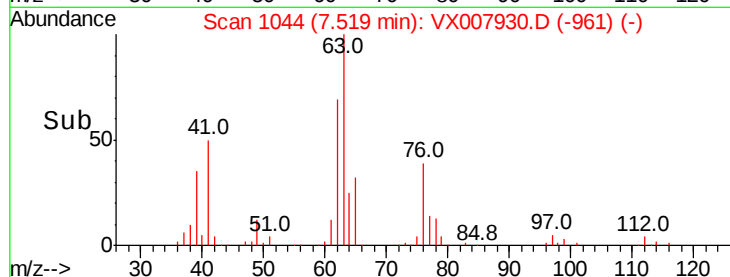
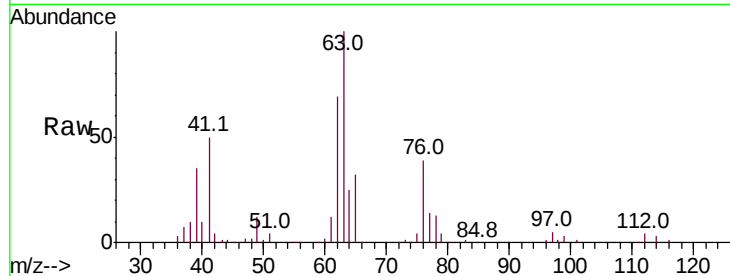
#39
 1,2-Dichloropropane
 Concen: 18.151 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion: 63 Resp: 57670
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0

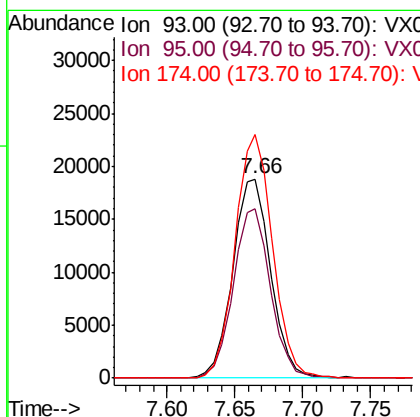
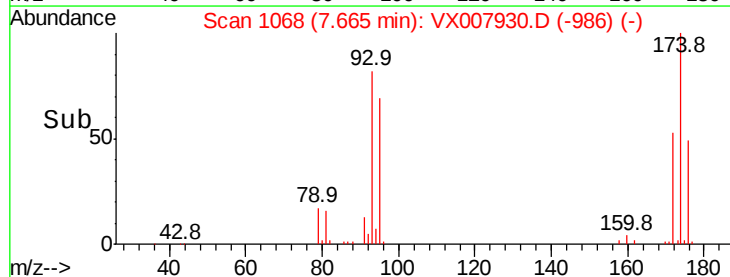
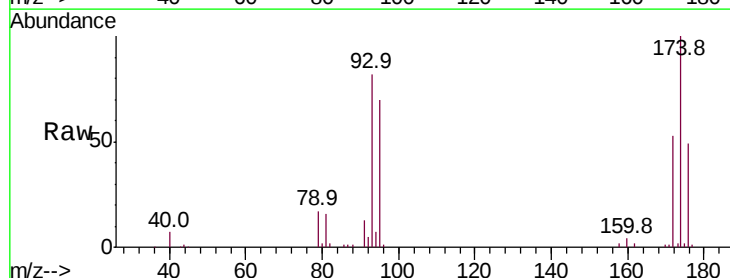
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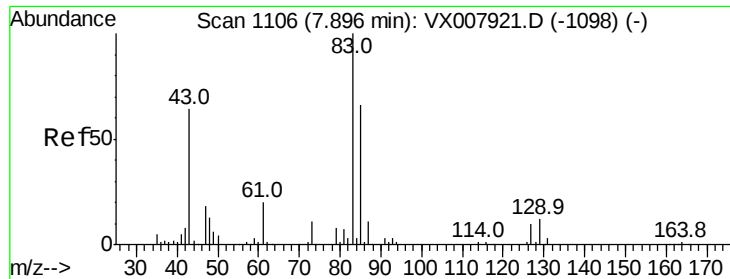
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#40
 Dibromomethane
 Concen: 18.148 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion: 93 Resp: 36575
 Ion Ratio Lower Upper
 93 100
 95 83.6 0.0 158.8
 174 120.5 0.0 224.2





#41

Bromodichloromethane

Concen: 17.764 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

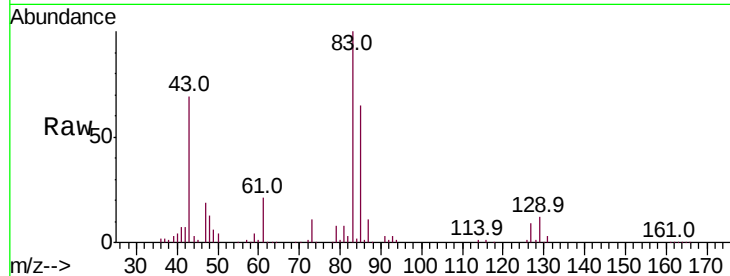
ClientSampleId :

VX0308WBS01

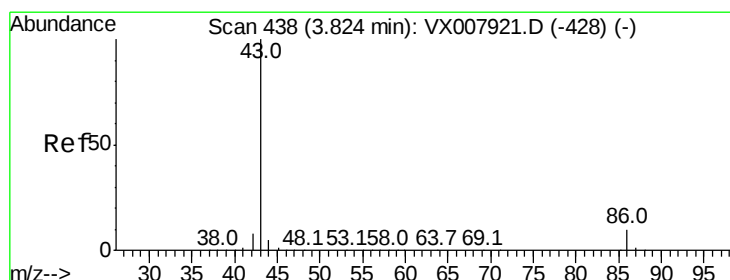
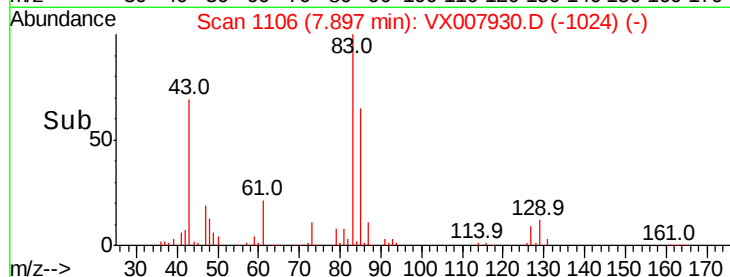
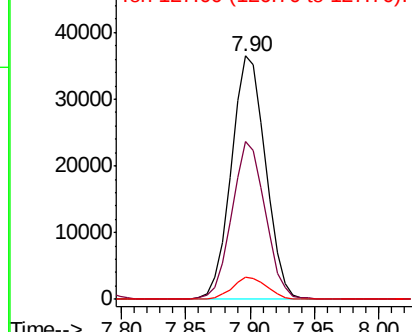
Tot Ion:	83	Resp:	67670
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7
127	9.2	7.2	10.8

Manual Integrations
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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 92.953 ug/l

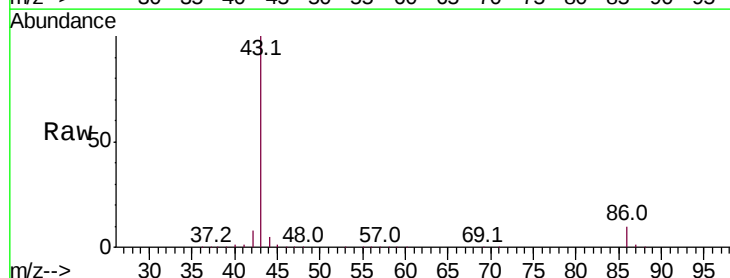
RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

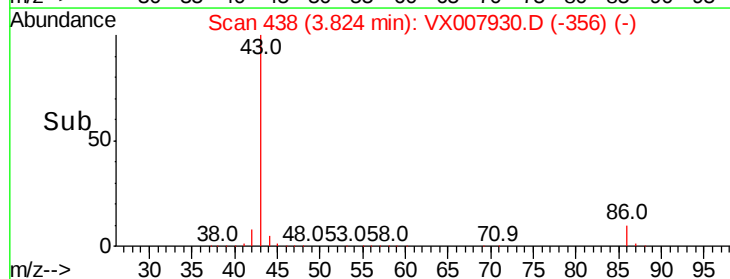
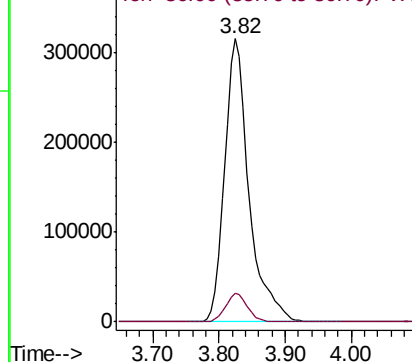
Lab File: VX007930.D

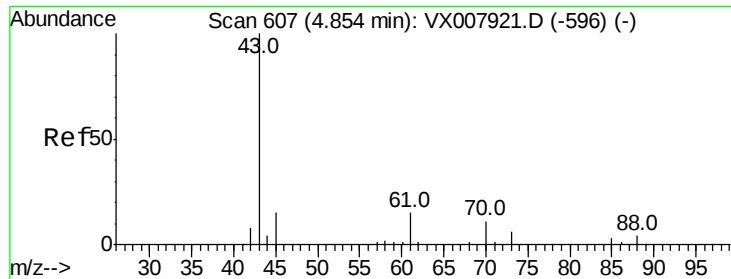
Acq: 08 Mar 2019 14:43

Tgt Ion:	43	Resp:	806788
Ion	Ratio	Lower	Upper
43	100		
86	9.0	8.2	12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





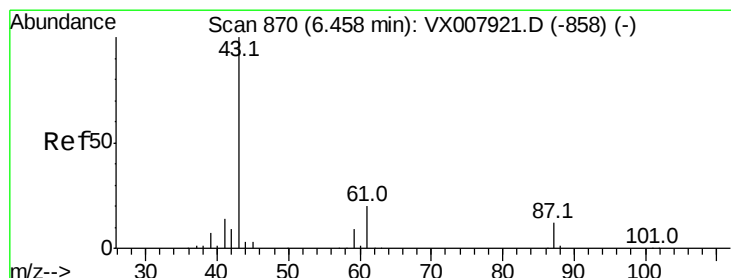
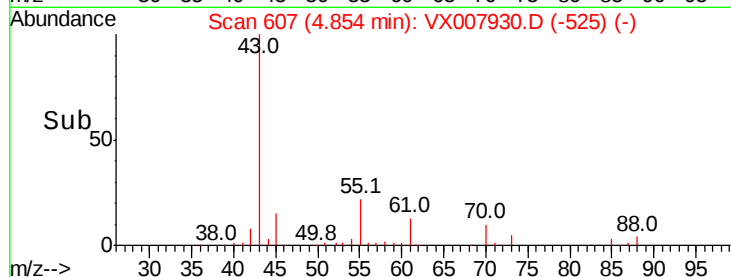
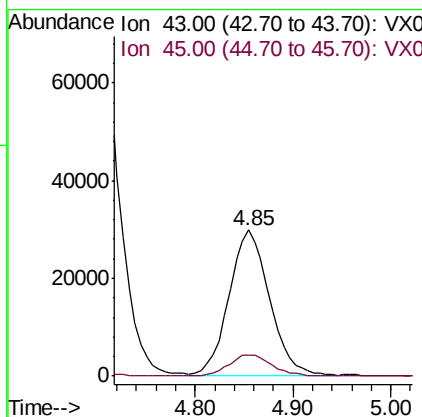
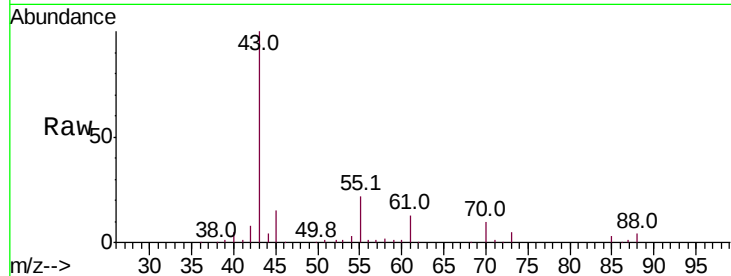
#43
Ethyl Acetate
Concen: 18.424 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion: 43 Resp: 86047
Ion Ratio Lower Upper
43 100
45 14.8 6.9 10.3#

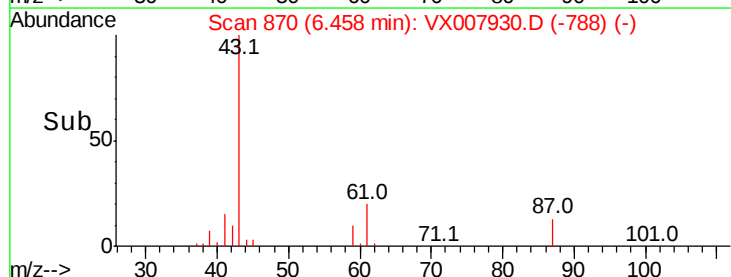
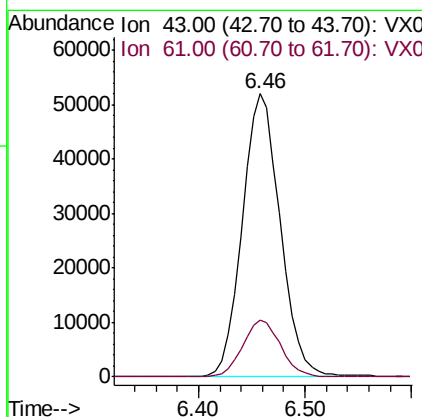
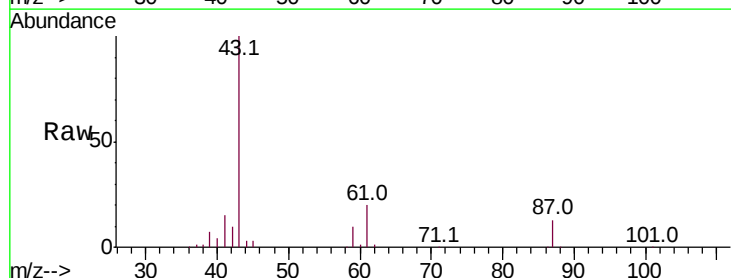
Manual Integrations
APPROVED

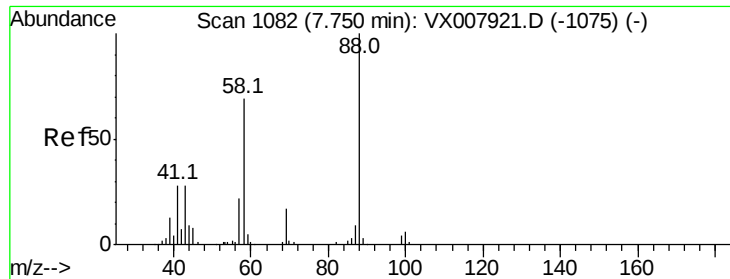
MMDadoda
3/11/2019 12:01:56 PM



#44
Isopropyl Acetate
Concen: 18.129 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 43 Resp: 129195
Ion Ratio Lower Upper
43 100
61 20.2 16.1 24.1





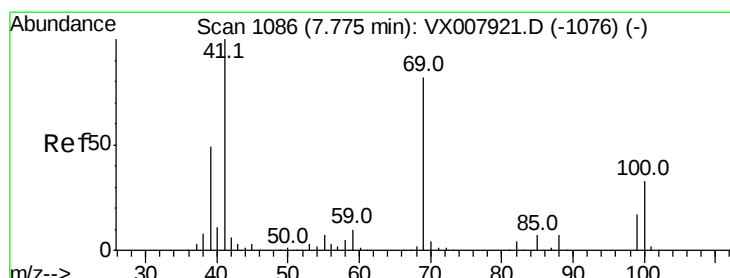
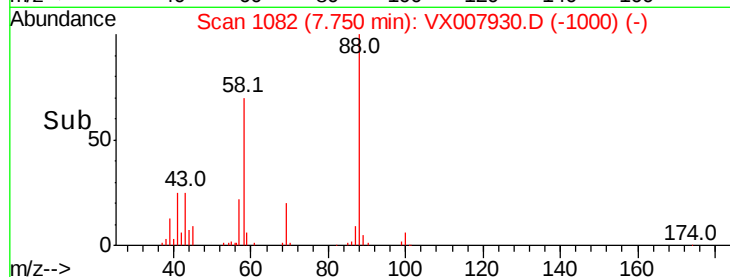
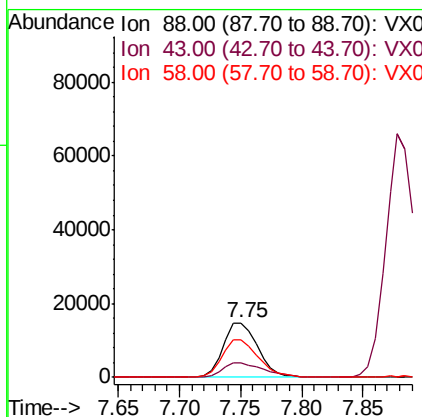
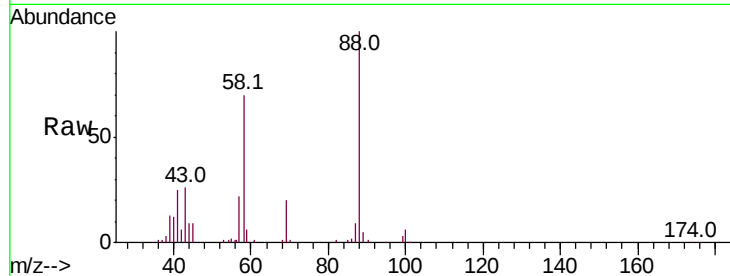
#45
1,4-Dioxane
Concen: 393.201 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	23.6	35.4
58	72.7	51.6	77.4

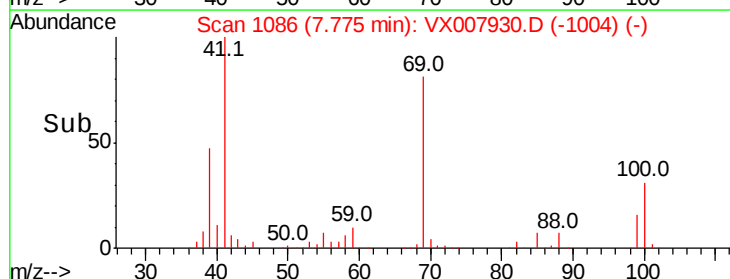
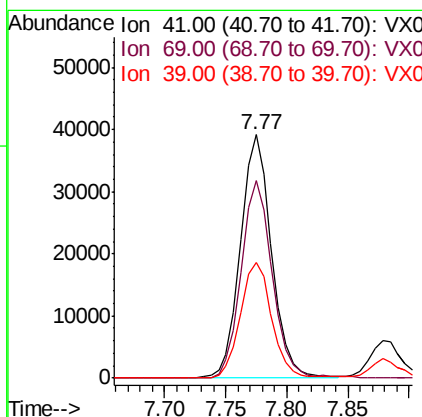
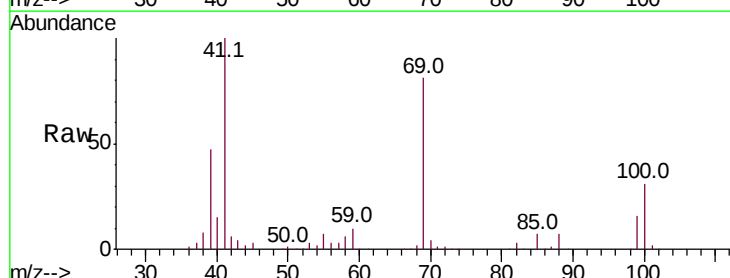
Manual Integrations
APPROVED

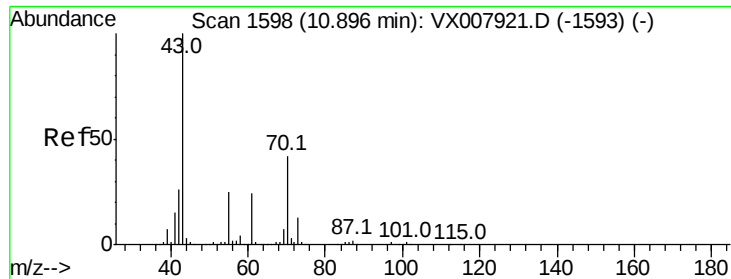
MMDadoda
3/11/2019 12:01:56 PM



#46
Methyl methacrylate
Concen: 18.340 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.2	44.2	132.6
39	47.2	29.9	89.8





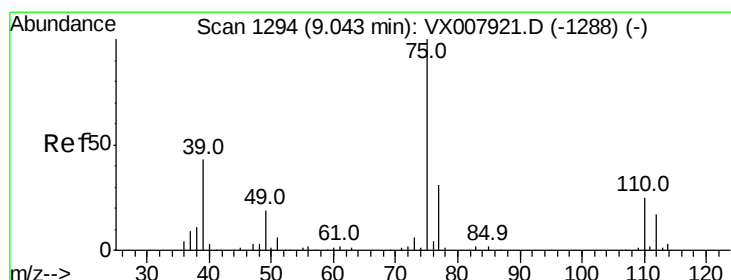
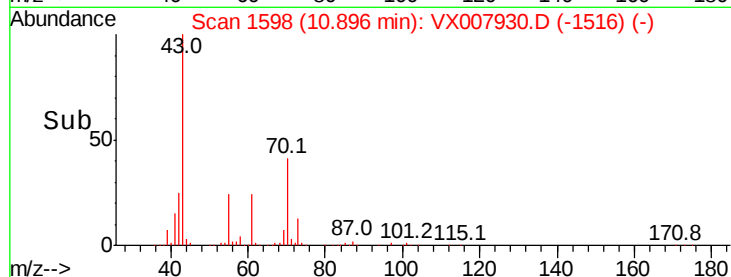
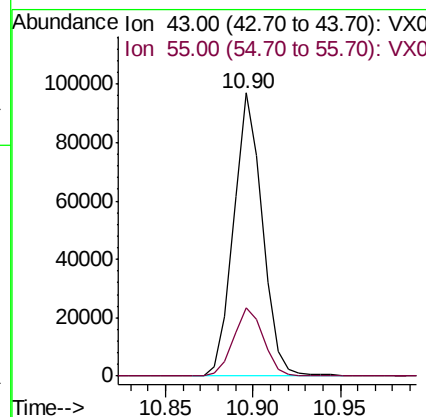
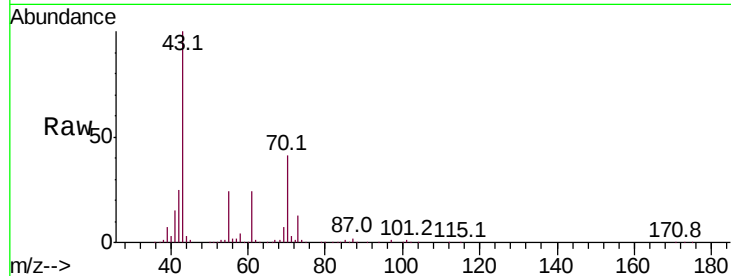
#47
n-amvl Acetate
Concen: 18.030 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion: 43 Resp: 110708
Ion Ratio Lower Upper
43 100
55 25.3 20.8 31.2

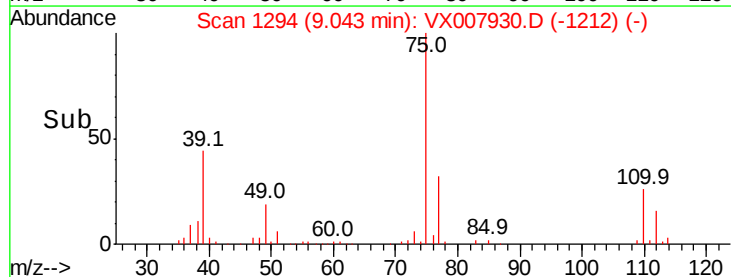
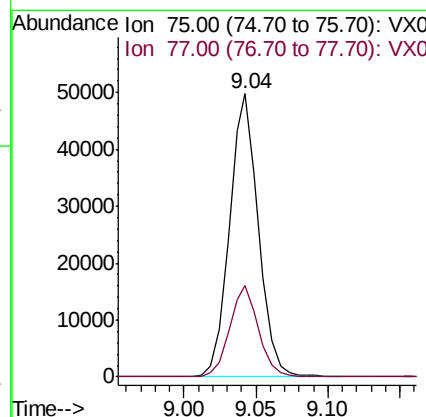
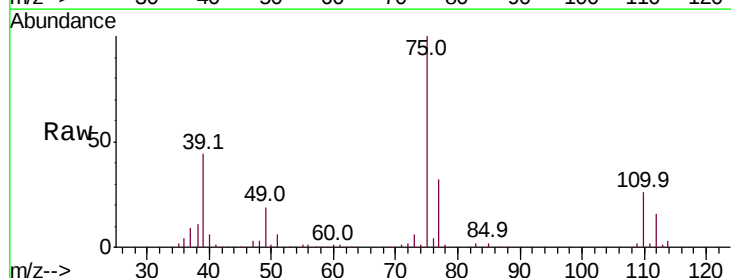
Manual Integrations
APPROVED

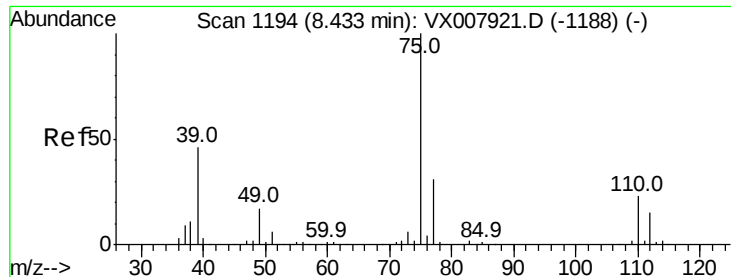
MMDadoda
3/11/2019 12:01:56 PM



#48
t-1,3-Dichloropropene
Concen: 16.946 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 75 Resp: 69913
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7





#49

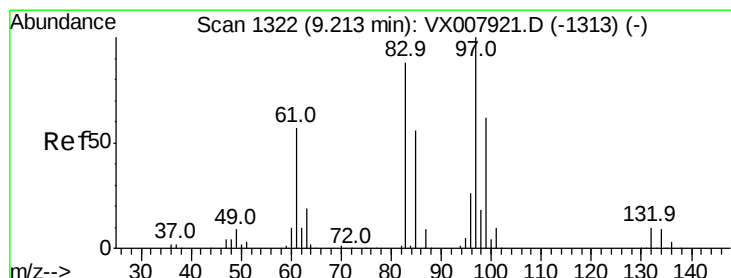
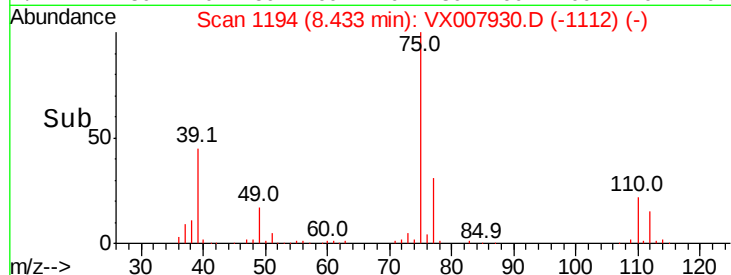
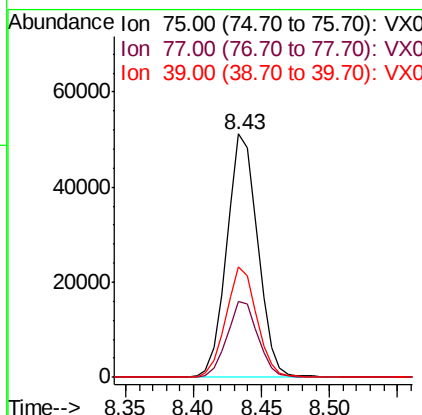
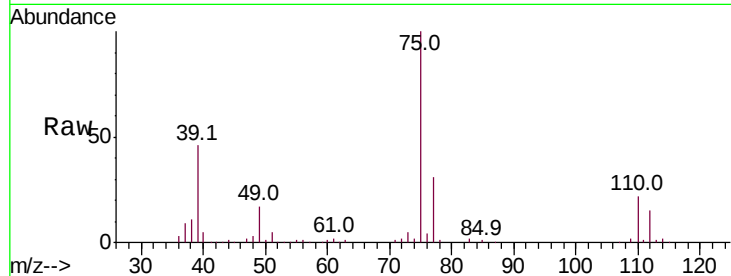
cis-1,3-Dichloropropene
Concen: 17.432 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4
39	45.4	38.5	57.7

Manual Integrations
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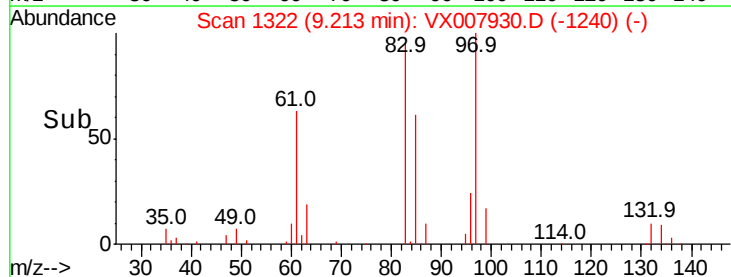
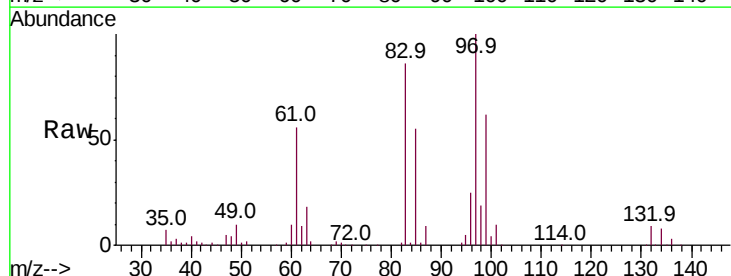
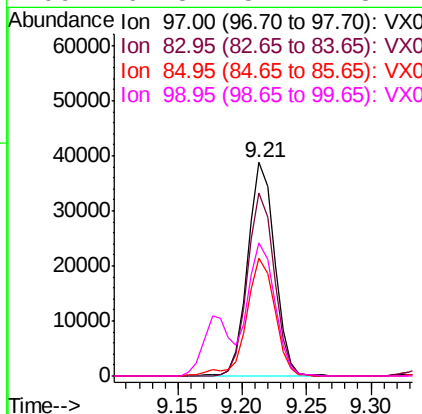
MMDadoda
3/11/2019 12:01:56 PM

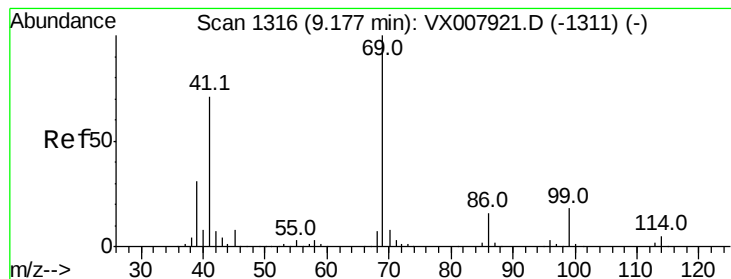


#50

1,1,2-Trichloroethane
Concen: 18.164 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	55.4	45.0	67.6
99	61.8	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.036 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

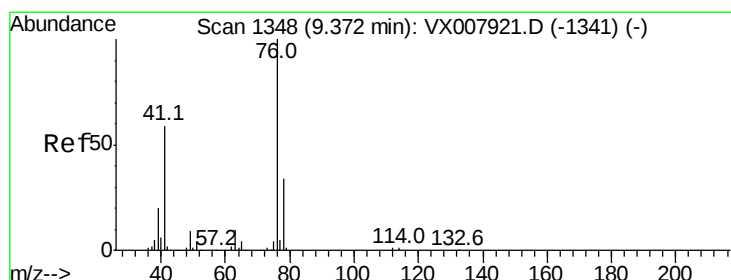
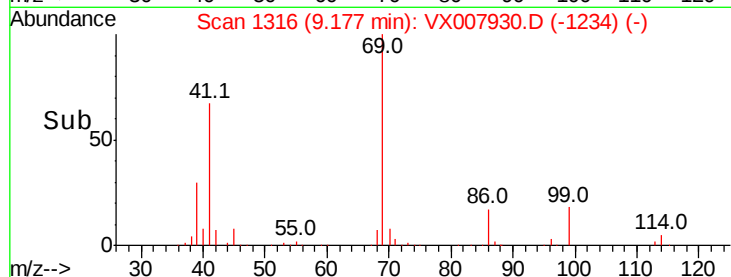
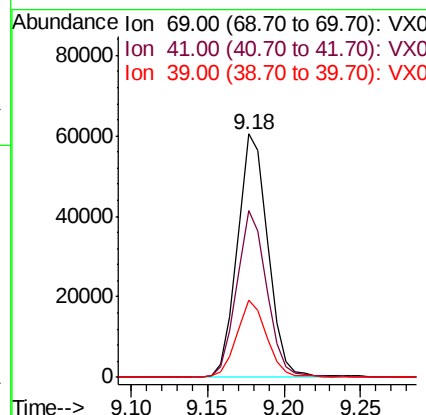
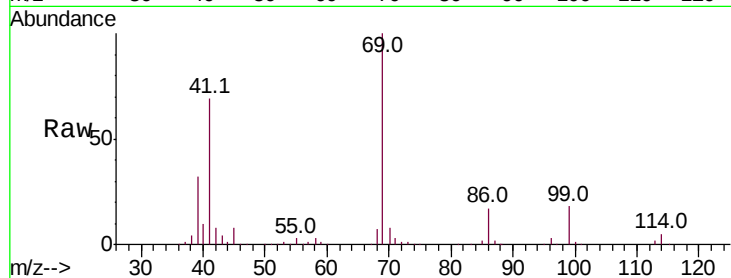
ClientSampled :

VX0308WBS01

Tot Ion:	69	Resp:	84028
Ion Ratio	Lower	Upper	
69	100		
41	68.8	32.1	96.5
39	31.4	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.305 ug/l

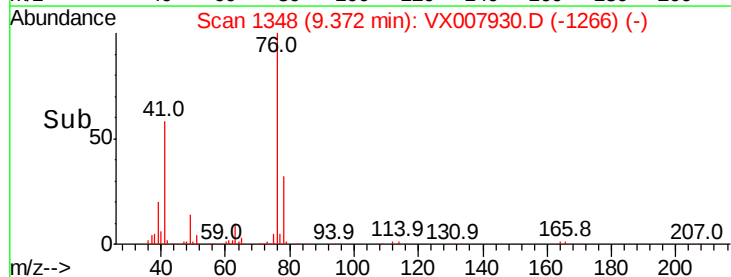
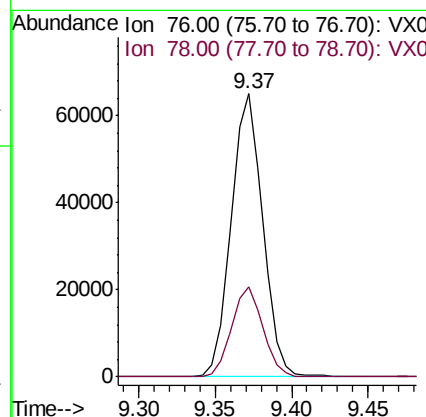
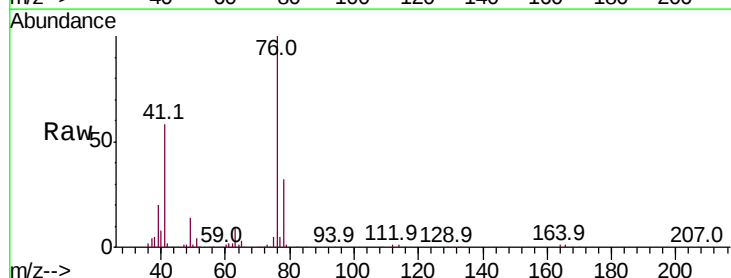
RT: 9.37 min Scan# 1348

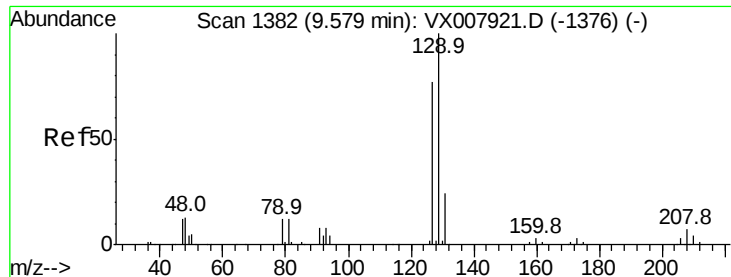
Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Tgt Ion:	76	Resp:	92914
Ion Ratio	Lower	Upper	
76	100		
78	31.6	0.0	65.2





#53

Dibromochloromethane

Concen: 17.786 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion:129 Resp: 56202

Ion Ratio Lower Upper

129 100

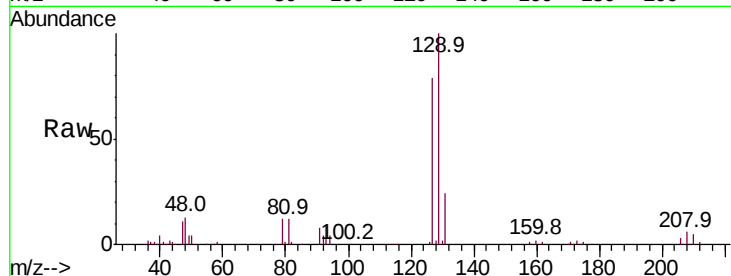
127 76.9 38.4 115.2

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

40000

30000

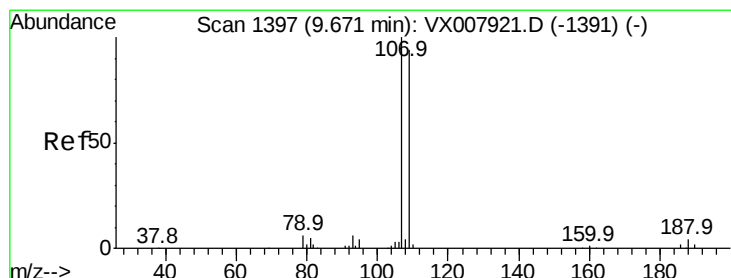
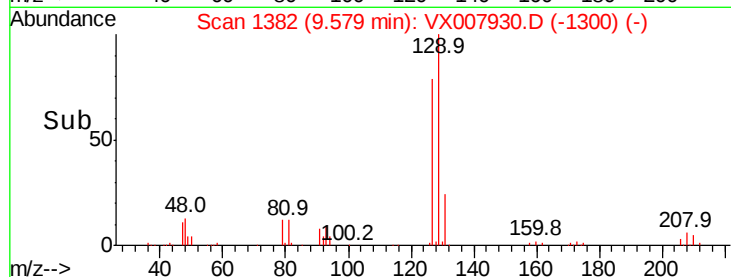
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 18.310 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007930.D

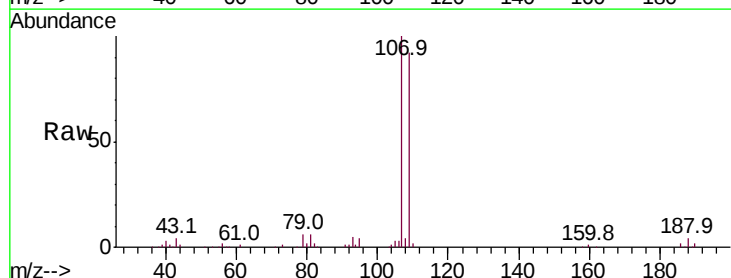
Acq: 08 Mar 2019 14:43

Tgt Ion:107 Resp: 58804

Ion Ratio Lower Upper

107 100

109 93.7 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

50000

40000

30000

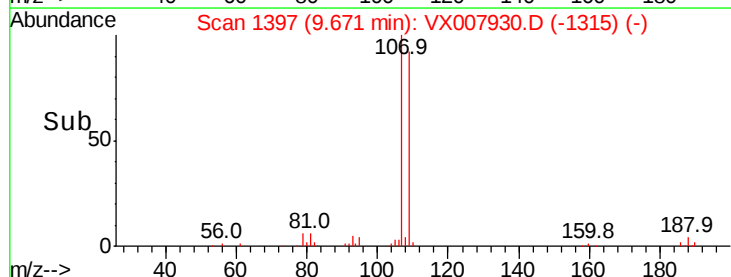
20000

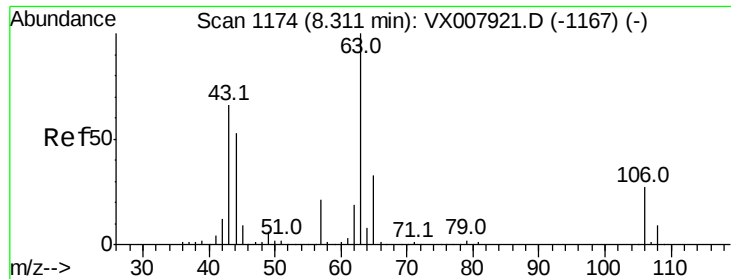
10000

0

9.60 9.65 9.70 9.75

Time-->





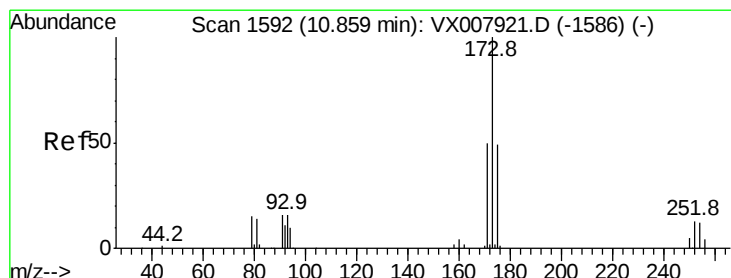
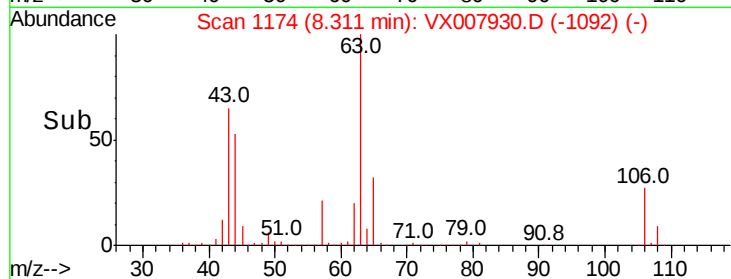
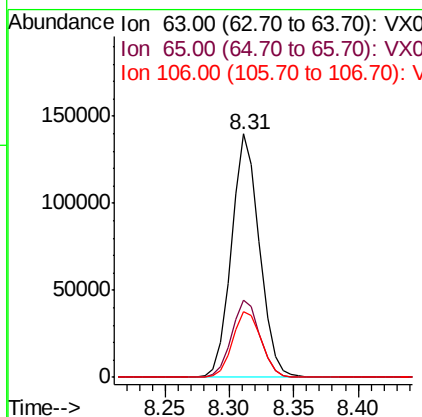
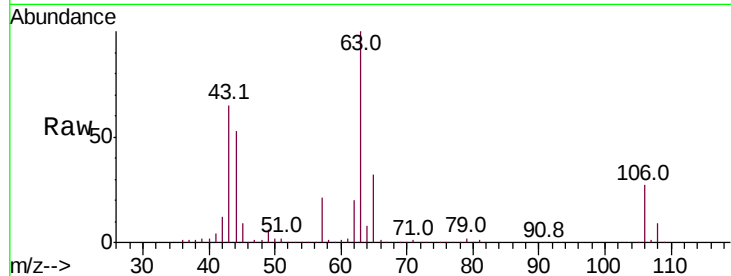
#55
2-Chloroethyl vinyl ether
Concen: 97.919 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5
106	27.9	23.7	35.5

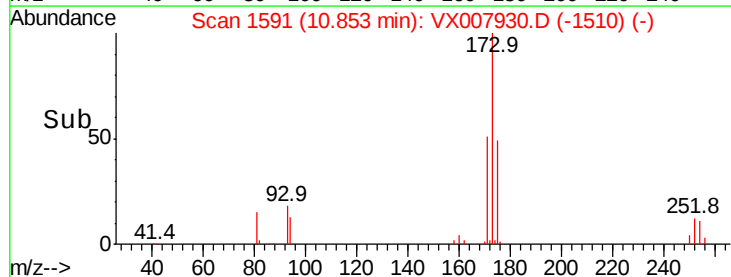
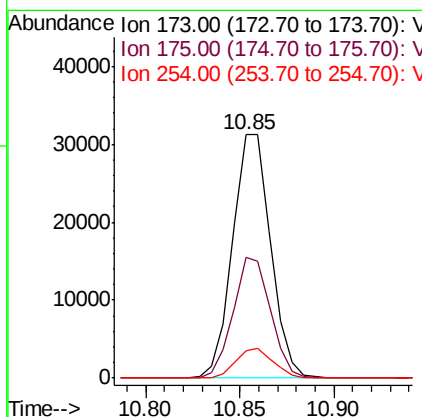
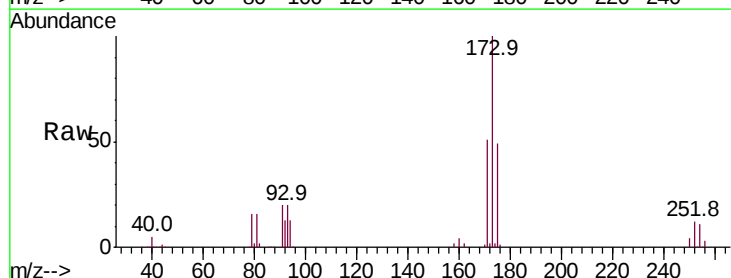
Manual Integrations
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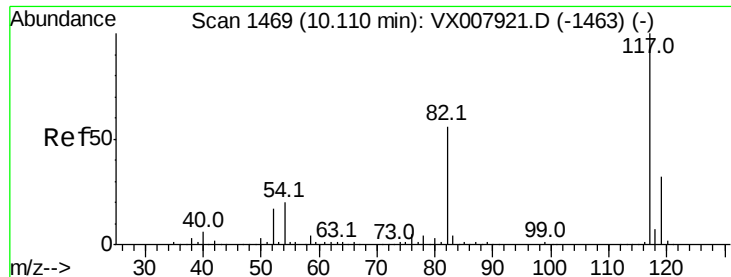
MMDadoda
3/11/2019 12:01:56 PM



#56
Bromoform
Concen: 17.389 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.5	57.7
254	12.0	7.4	11.2





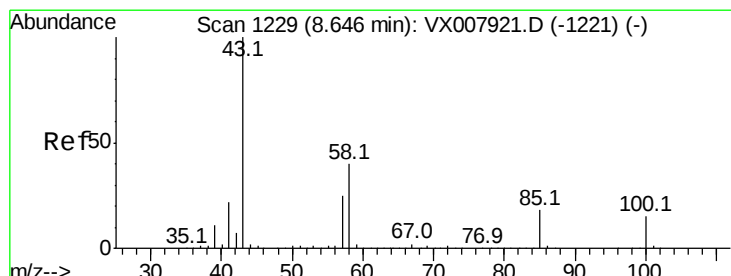
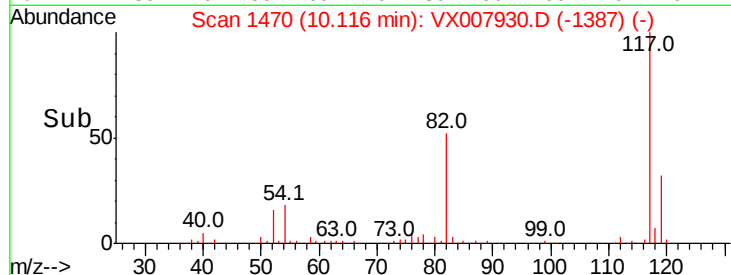
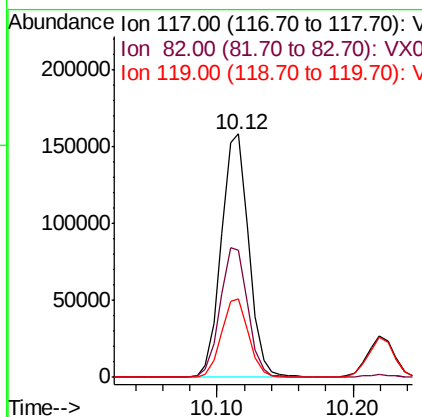
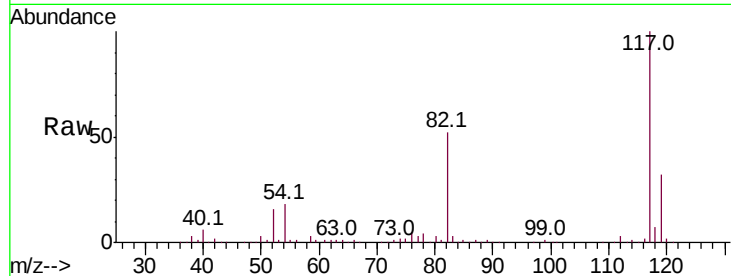
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	40.4	60.6
119	31.8	25.8	38.6

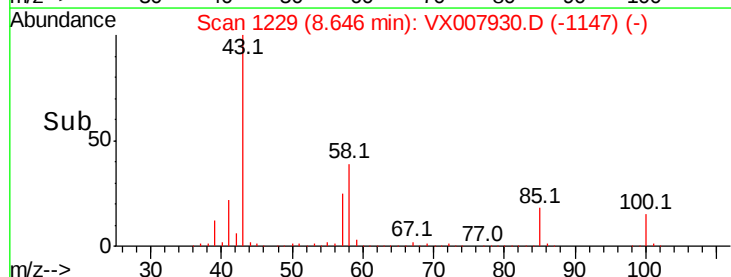
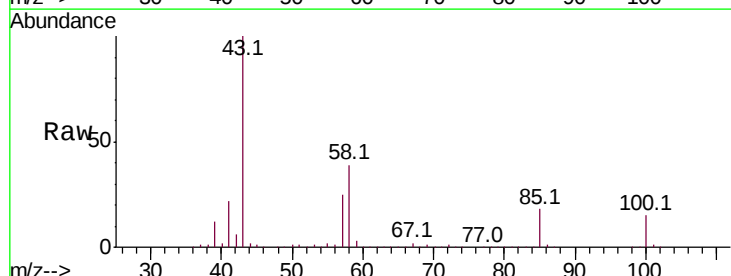
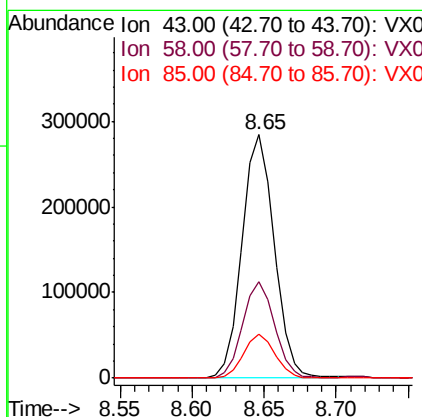
Manual Integrations
APPROVED

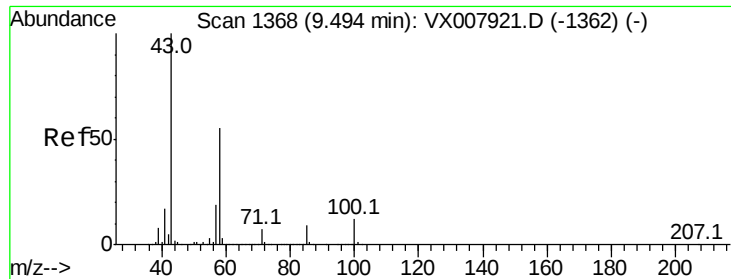
MMDadoda
3/11/2019 12:01:56 PM



#58
4-Methyl-2-Pentanone
Concen: 96.853 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.4	47.0
85	17.6	15.0	22.6





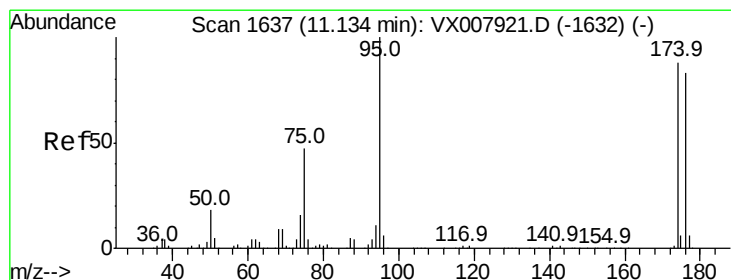
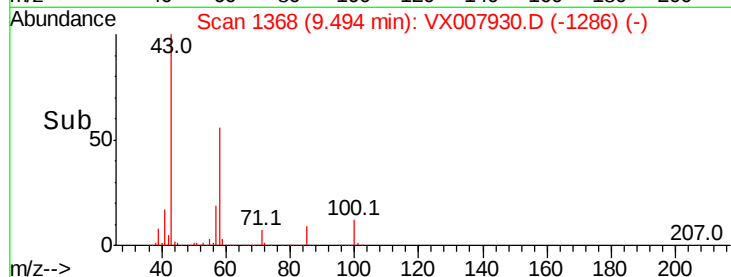
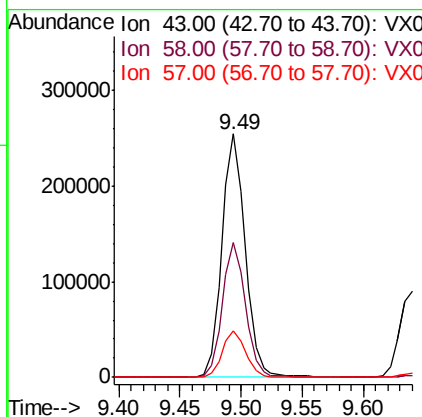
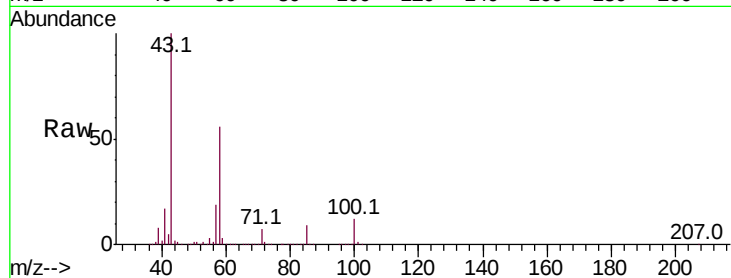
#59
2-Hexanone
Concen: 93.614 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	43.9	65.9
57	19.2	14.9	22.3

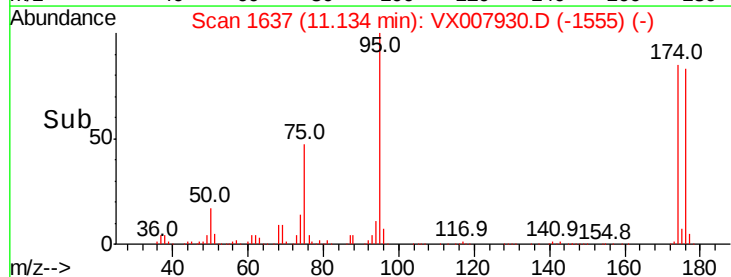
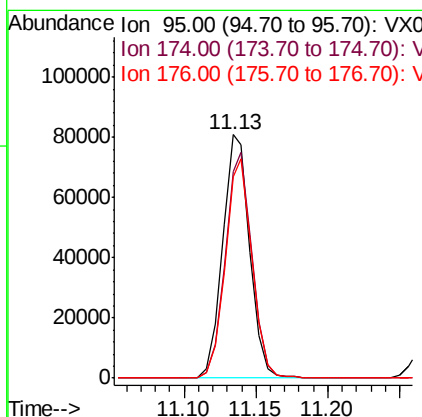
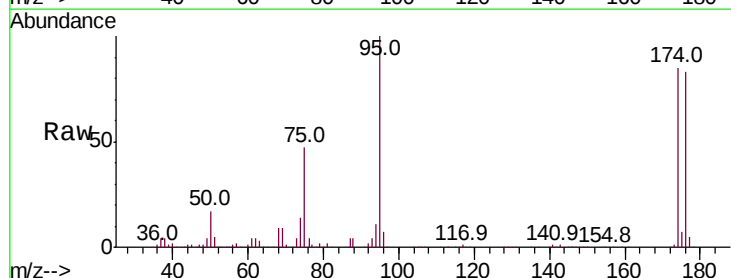
Manual Integrations
APPROVED

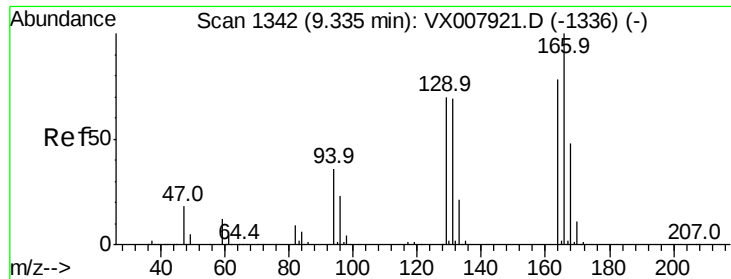
MMDadoda
3/11/2019 12:01:56 PM



#60
4-Bromofluorobenzene
Concen: 30.405 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.1	74.9	112.3
176	88.4	70.7	106.1





#61

Tetrachloroethene

Concen: 18.555 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion:164 Resp: 59843

Ion Ratio Lower Upper

164 100

166 127.8 103.9 155.9

129 87.4 74.7 112.1

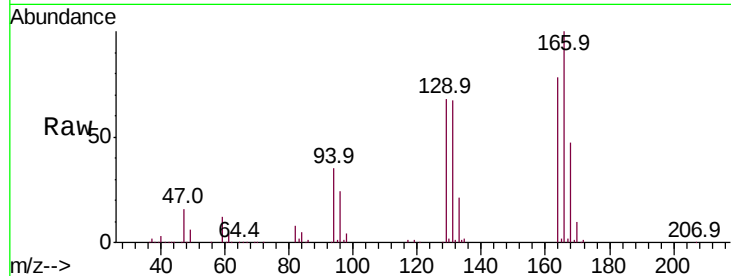
131 86.2 71.7 107.5

Manual Integrations

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MMDadoda

3/11/2019 12:01:56 PM



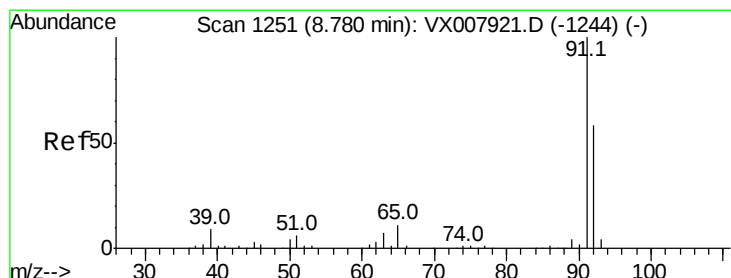
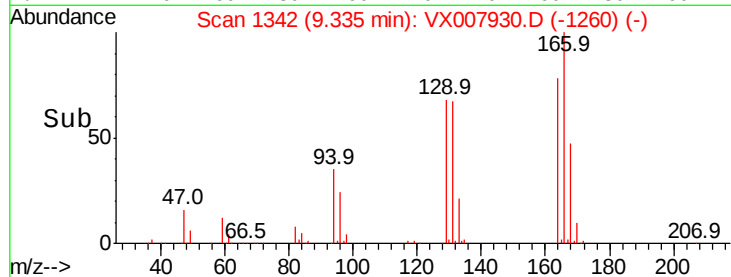
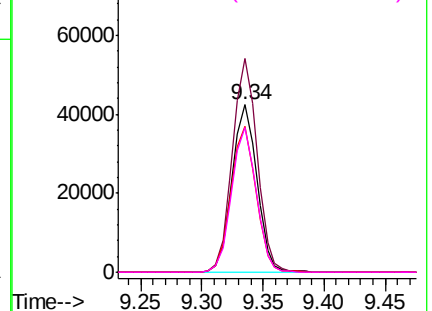
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.192 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007930.D

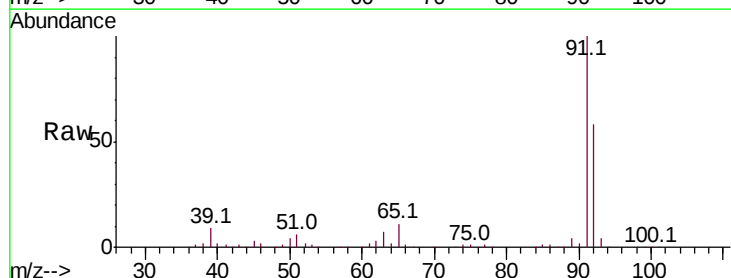
Acq: 08 Mar 2019 14:43

Tgt Ion: 91 Resp: 234861

Ion Ratio Lower Upper

91 100

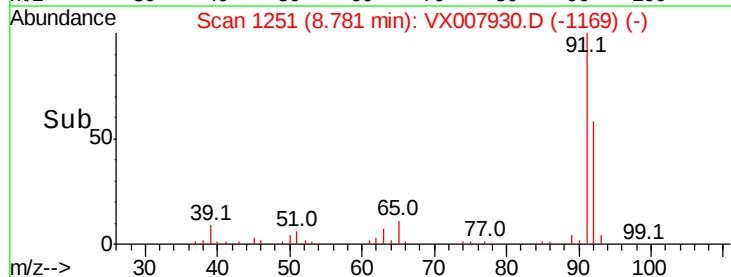
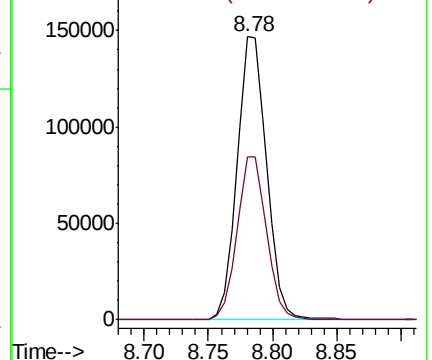
92 57.9 46.4 69.6

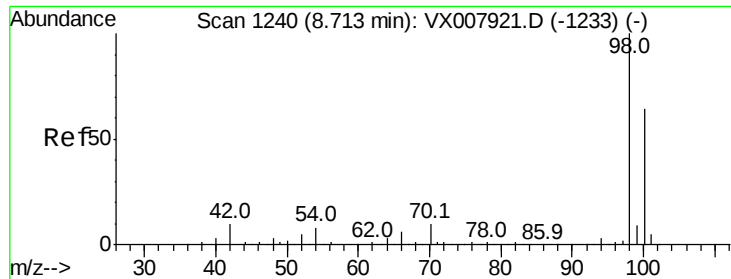


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





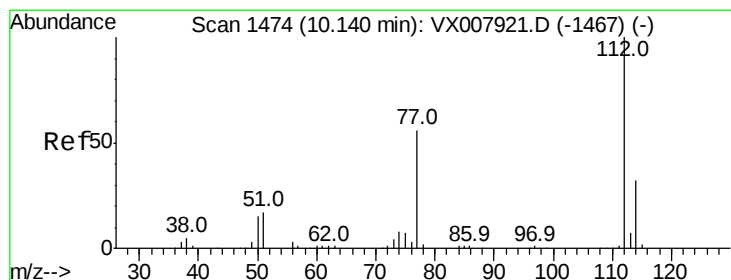
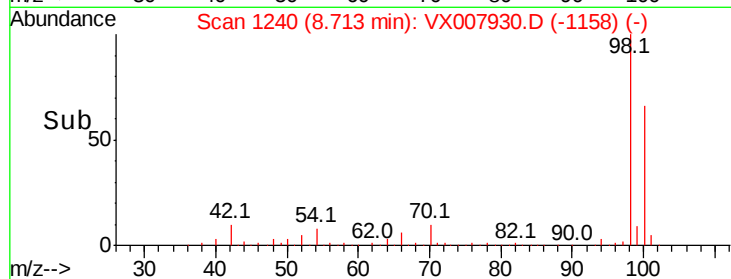
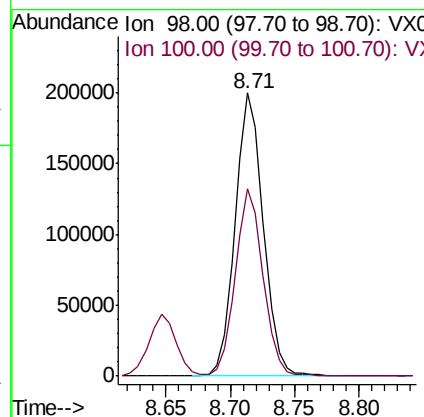
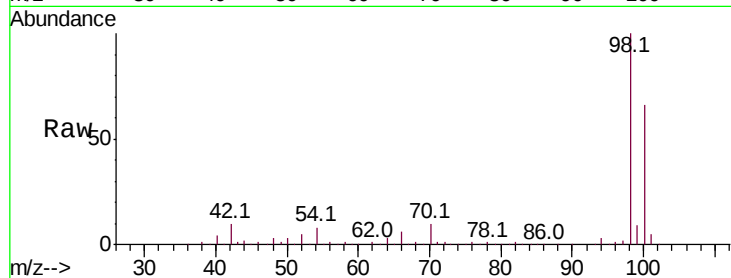
#63
Toluene-d8
Concen: 30.088 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion: 98 Resp: 304422
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

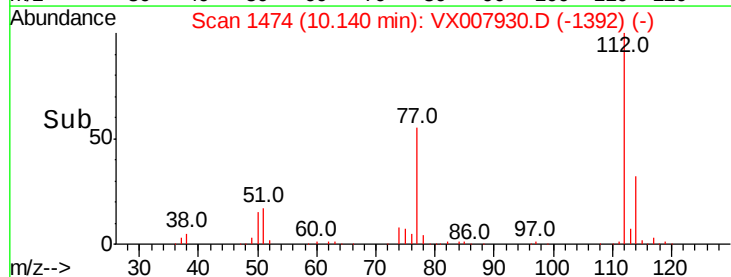
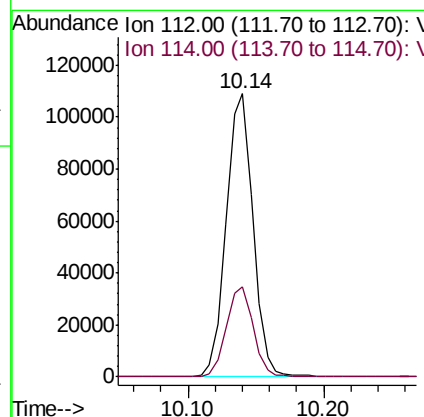
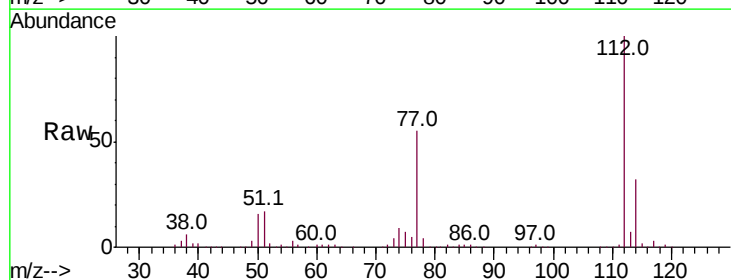
Manual Integrations
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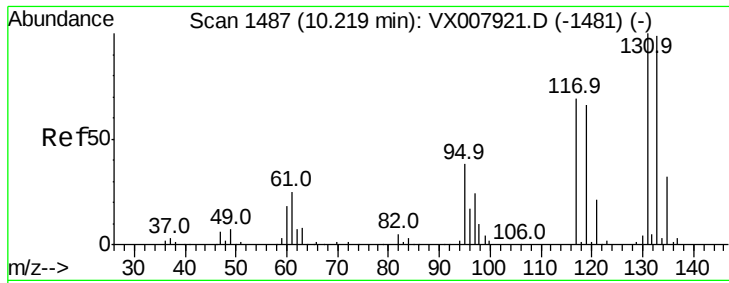
MMDadoda
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#64
Chlorobenzene
Concen: 18.028 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 112 Resp: 148338
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.971 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampled :

VX0308WBS01

Tot Ion:131 Resp: 52942

Ion Ratio Lower Upper

131 100

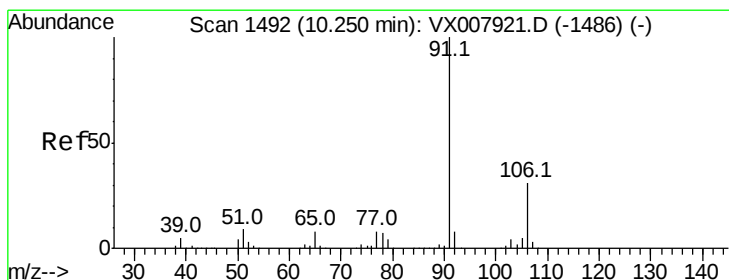
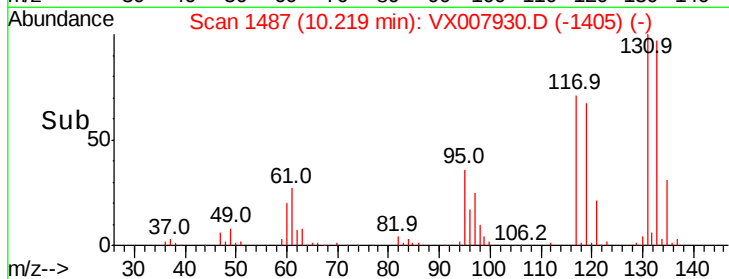
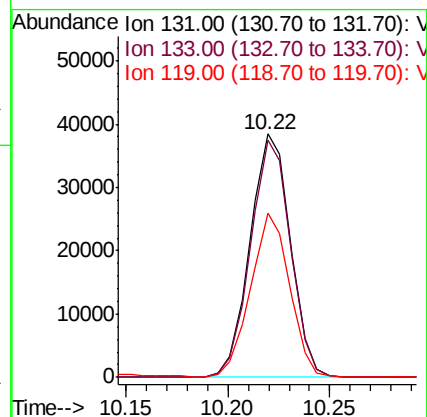
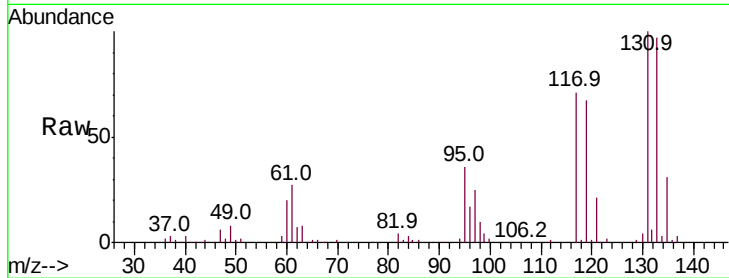
133 96.3 0.0 191.6

119 65.6 0.0 127.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.983 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007930.D

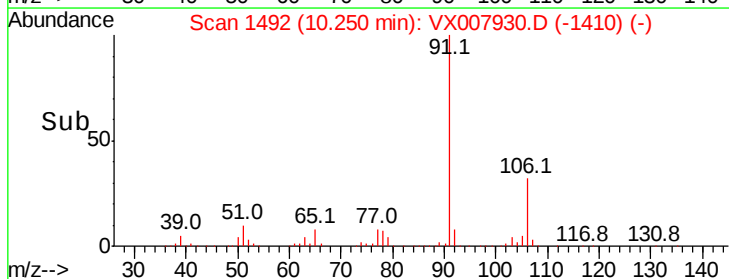
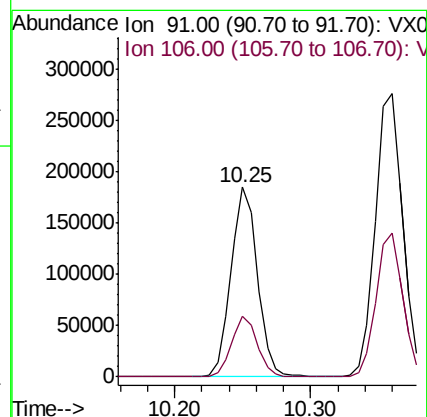
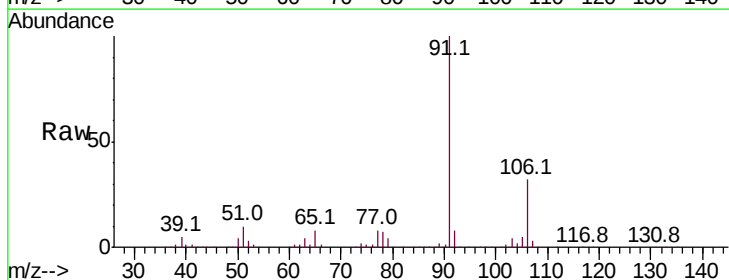
Acq: 08 Mar 2019 14:43

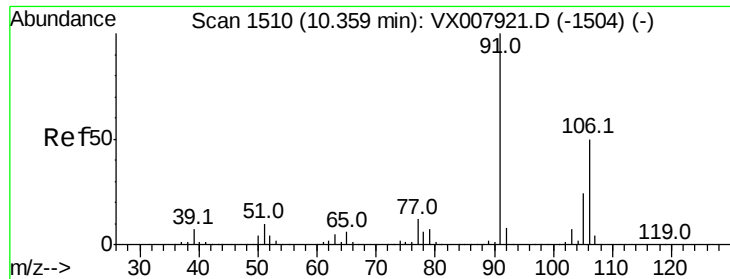
Tgt Ion: 91 Resp: 249365

Ion Ratio Lower Upper

91 100

106 31.9 26.0 39.0





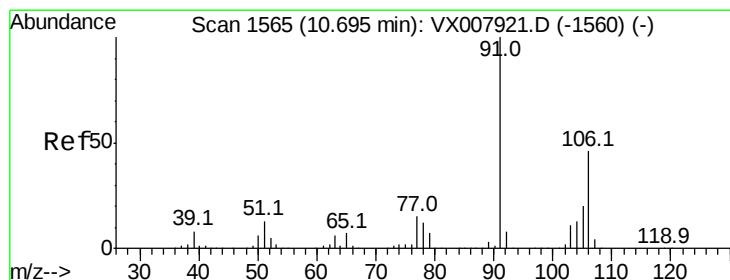
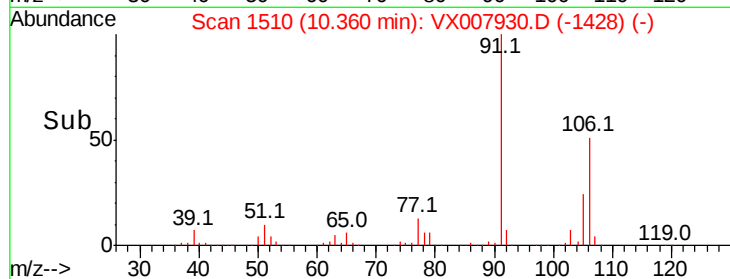
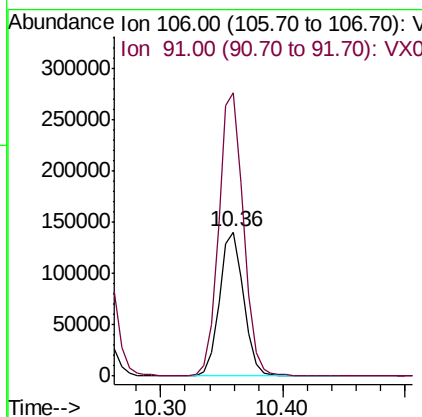
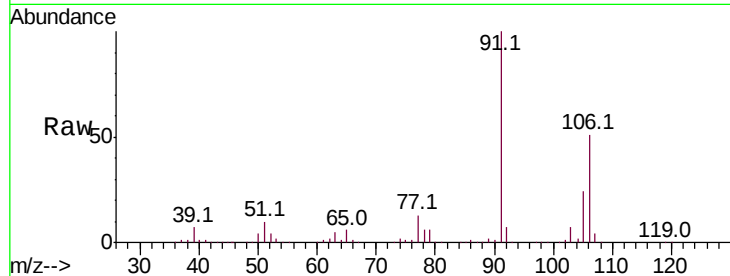
#67
m/p-Xylenes
Concen: 36.113 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	192015		
91	91	201.6	157.0	235.4	

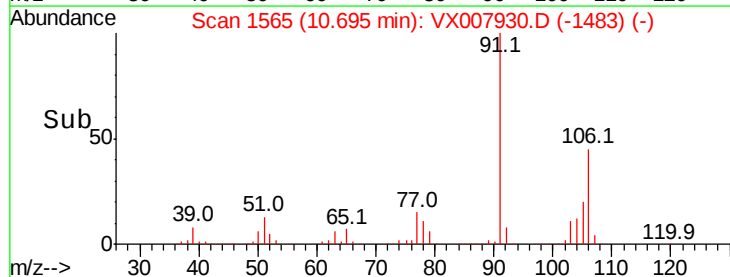
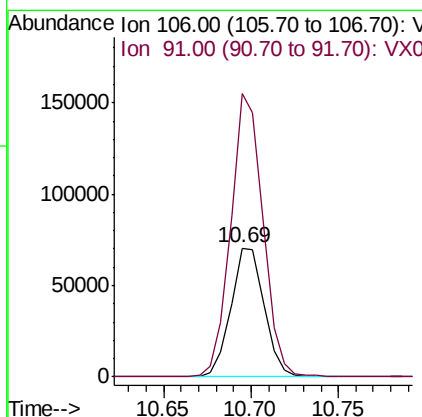
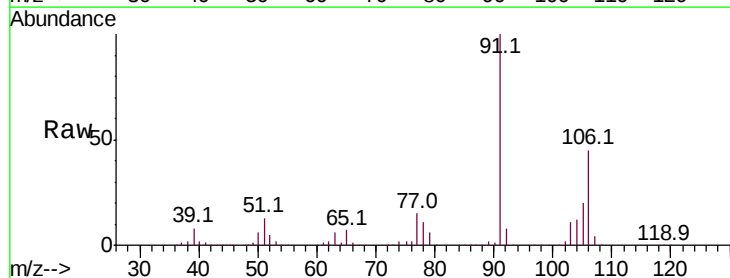
Manual Integrations
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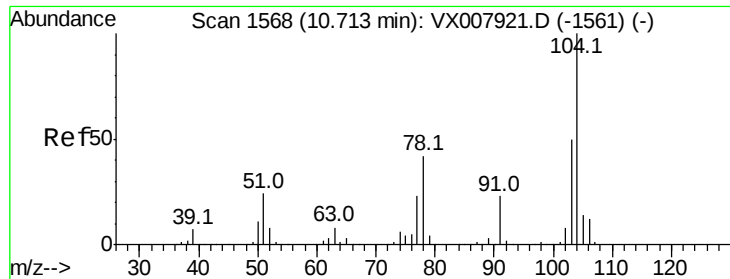
MMDadoda
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#68
o-Xylene
Concen: 18.128 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	93598		
91	91	212.2	104.4	313.2	





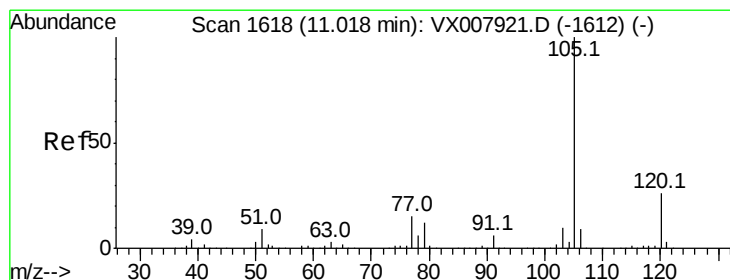
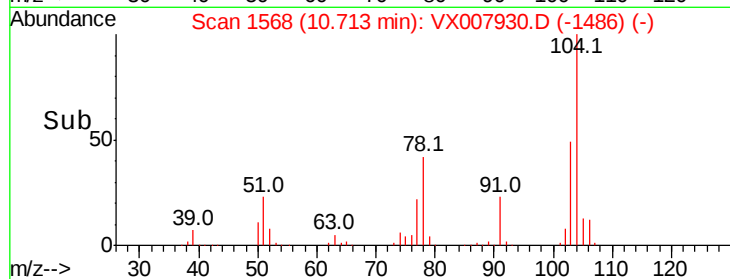
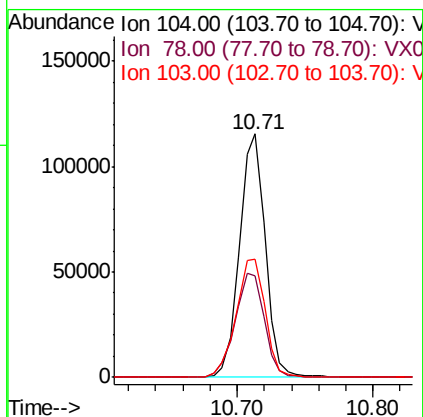
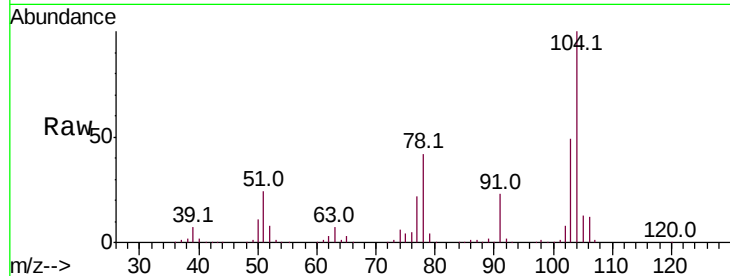
#69
Stvrene
Concen: 17.953 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.2	57.2
103	55.2	45.0	67.4

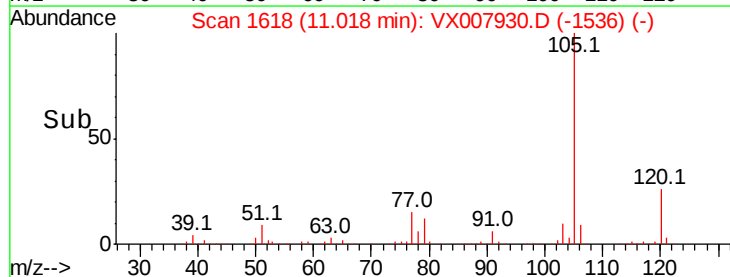
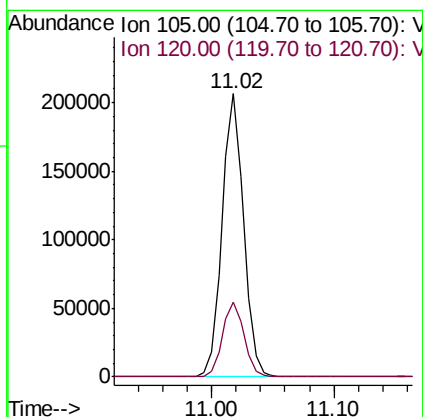
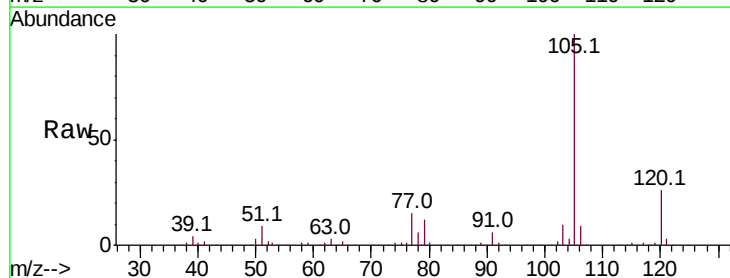
Manual Integrations
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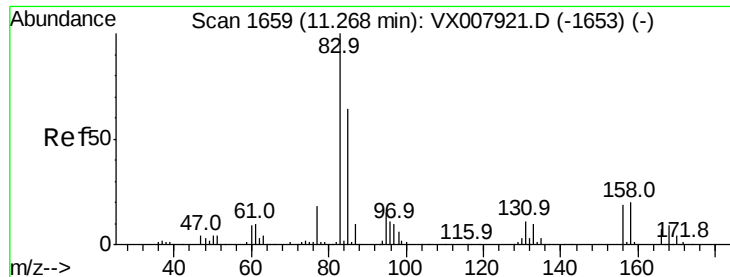
MMDadoda
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#70
Isopropylbenzene
Concen: 18.234 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.8	36.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.749 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS01

Tot Ion: 83 Resp: 85429

Ion Ratio Lower Upper

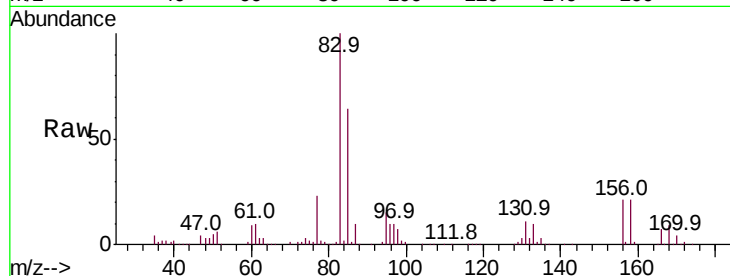
83 100

131 11.1 5.4 16.2

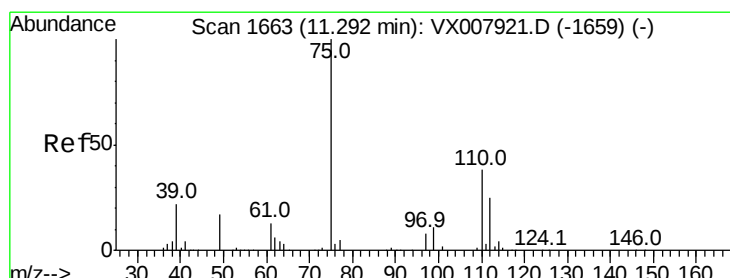
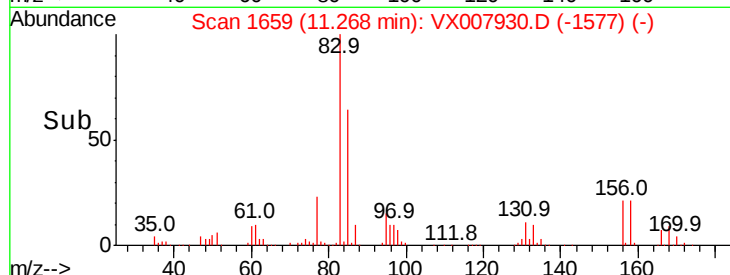
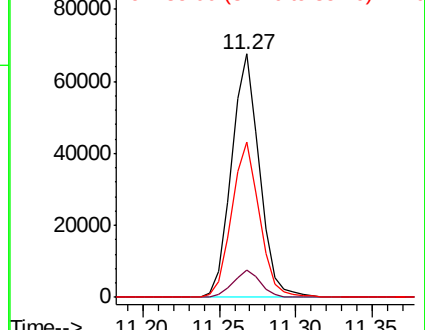
85 63.5 32.8 98.4

Manual Integrations
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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 18.765 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007930.D

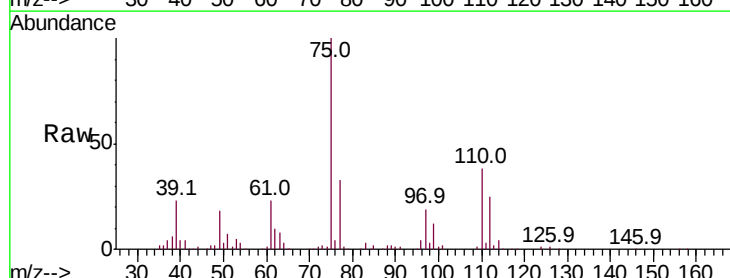
Acq: 08 Mar 2019 14:43

Tgt Ion: 75 Resp: 80596

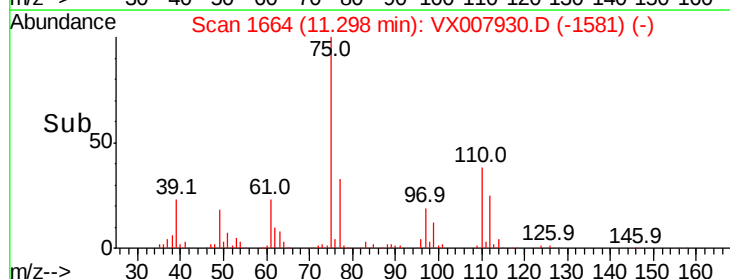
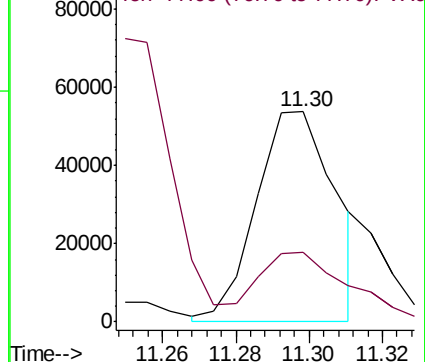
Ion Ratio Lower Upper

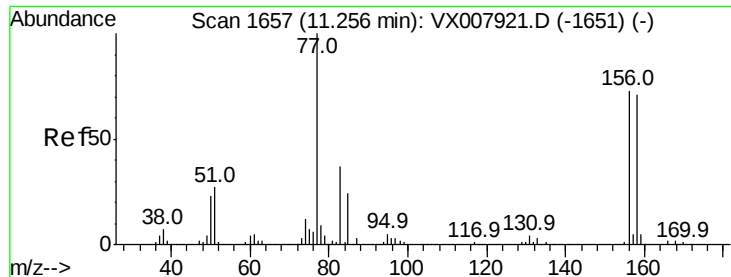
75 100

77 39.3 0.0 76.4



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.317 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

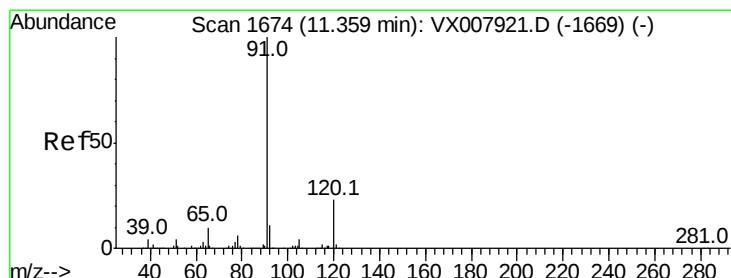
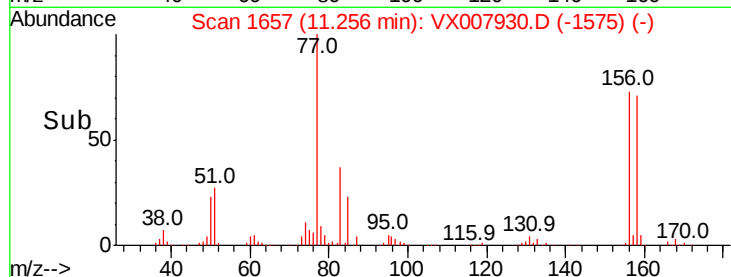
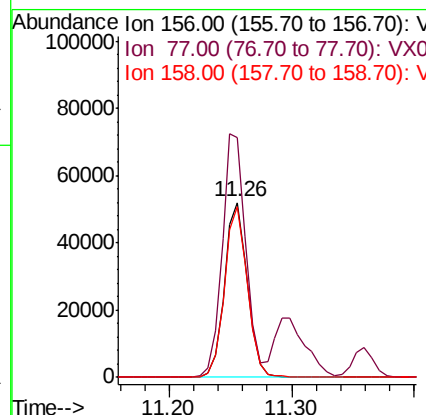
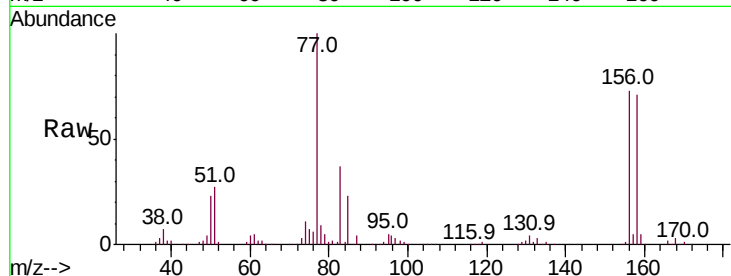
ClientSampleId :

VX0308WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.8	0.0	271.4
158	98.1	0.0	194.0

Manual Integrations
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3/11/2019 12:01:56 PM



#74

n-propylbenzene

Concen: 17.954 ug/l

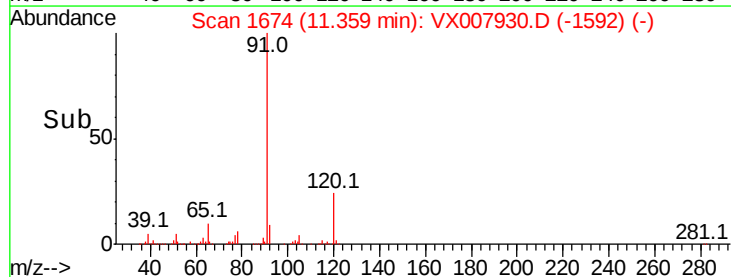
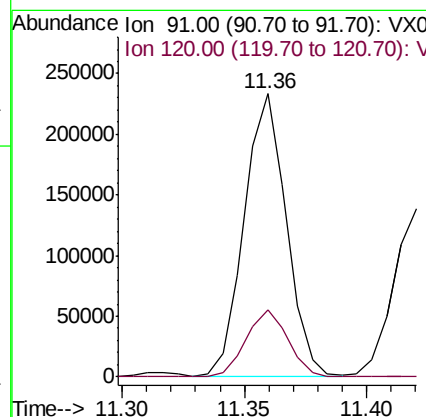
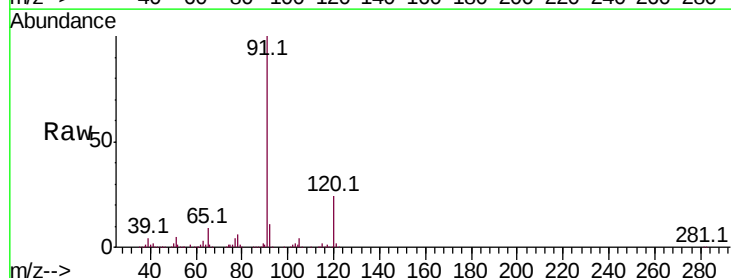
RT: 11.36 min Scan# 1674

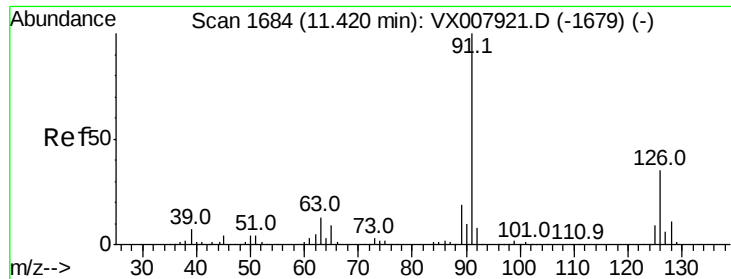
Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	0.0	48.6





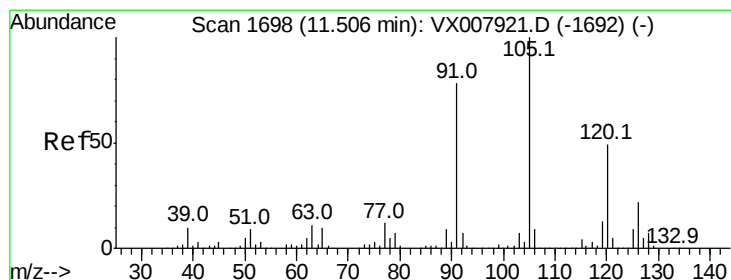
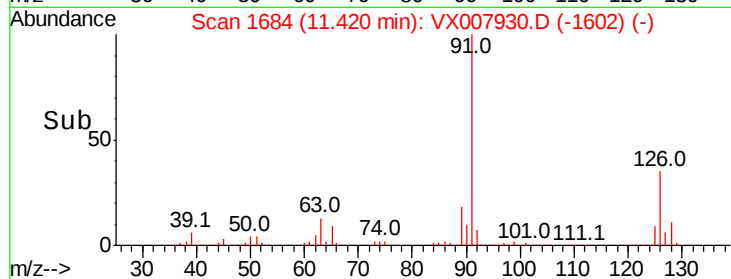
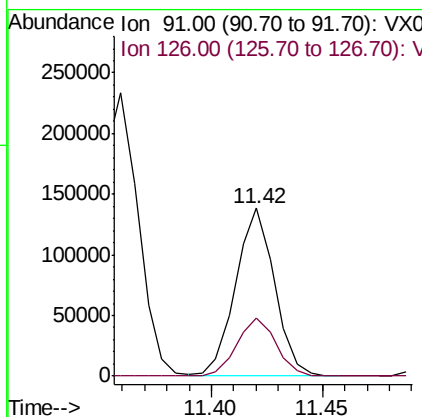
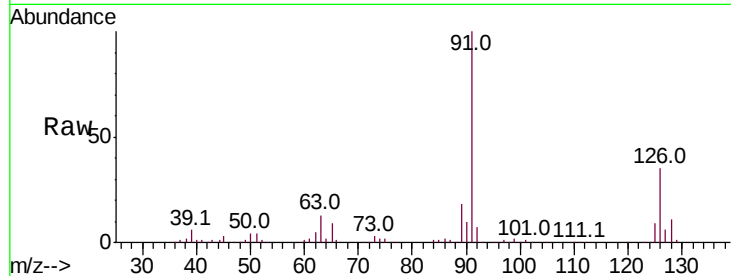
#75
2-Chlorotoluene
Concen: 18.127 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion: 91 Resp: 169089
Ion Ratio Lower Upper
91 100
126 34.9 0.0 75.2

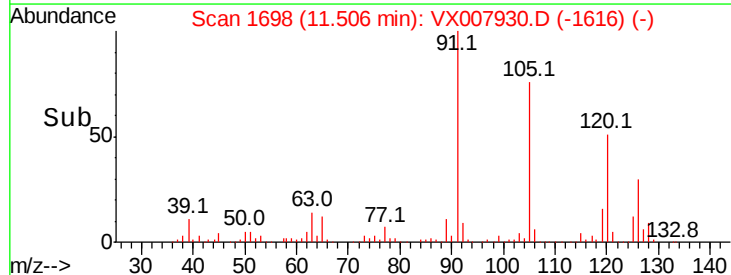
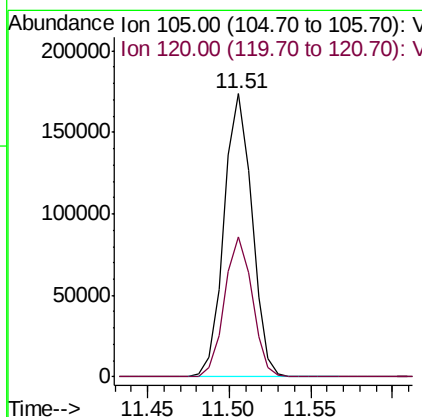
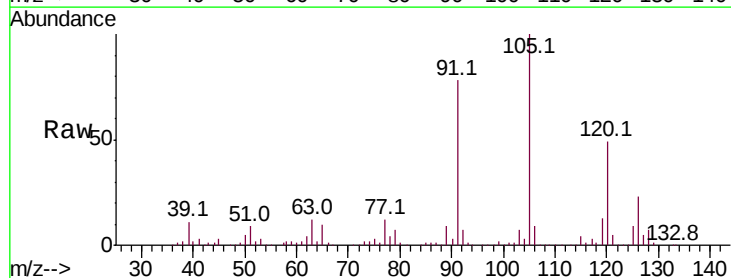
Manual Integrations
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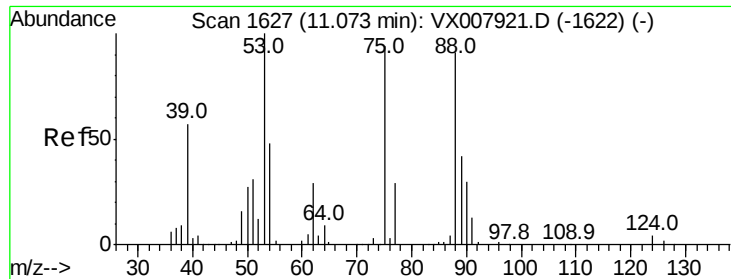
MMDadoda
3/11/2019 12:01:56 PM



#76
1,3,5-Trimethylbenzene
Concen: 18.183 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion: 105 Resp: 207897
Ion Ratio Lower Upper
105 100
120 49.1 0.0 101.0





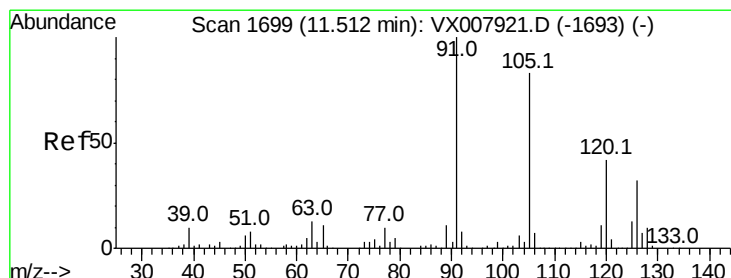
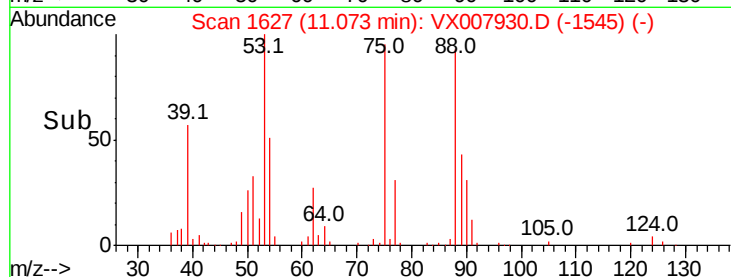
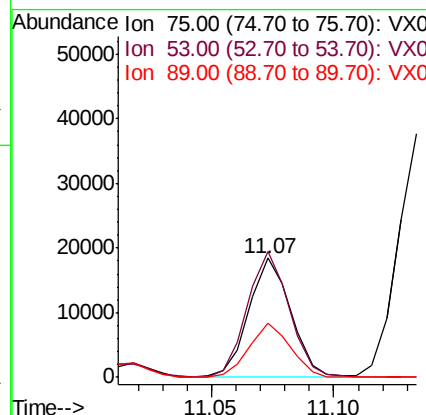
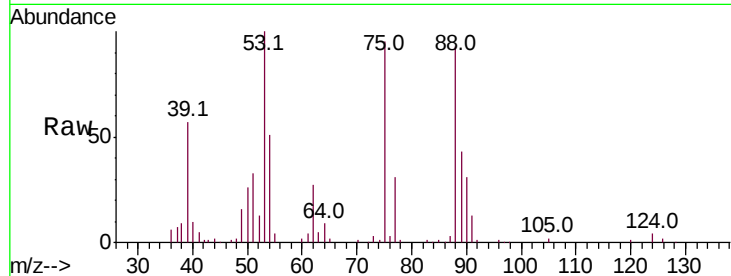
#77
t-1,4-Dichloro-2-butene
Concen: 16.602 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	55.5	166.7
89	45.7	24.4	73.2

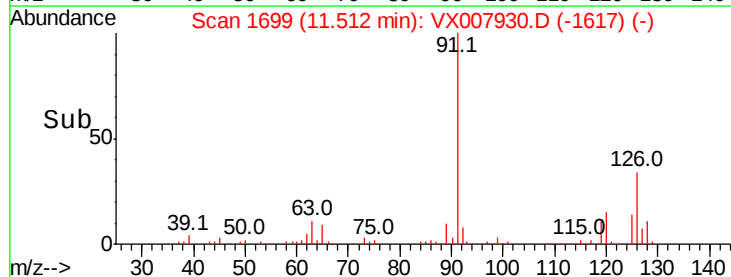
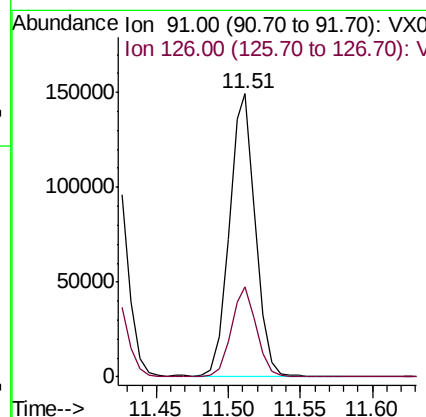
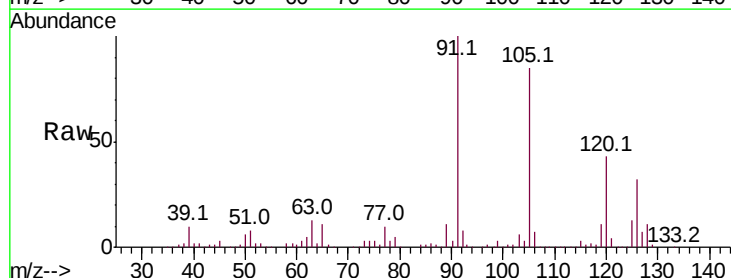
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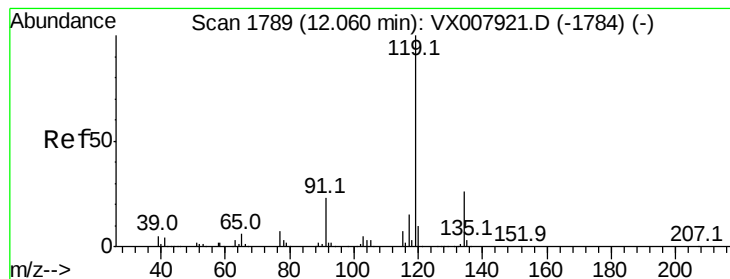
MMDadoda
3/11/2019 12:01:56 PM



#78
4-Chlorotoluene
Concen: 17.995 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	66.2





#79

tert-butylbenzene

Concen: 17.791 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007930.D

Acq: 08 Mar 2019 14:43

Instrument :

MSVOA_X

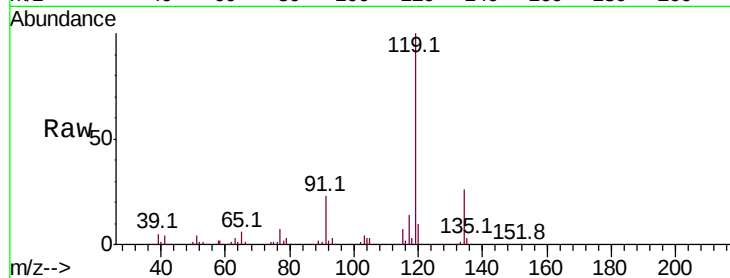
ClientSampleId :

VX0308WBS01

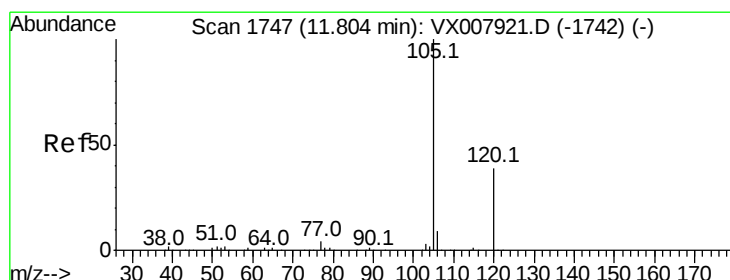
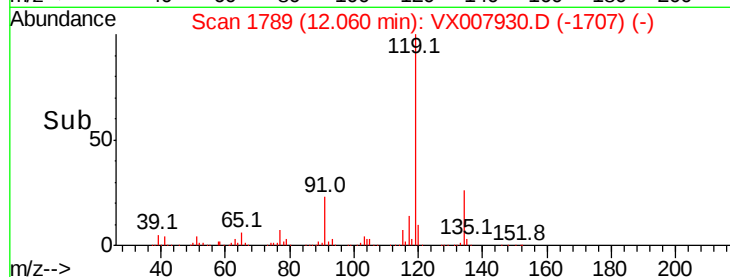
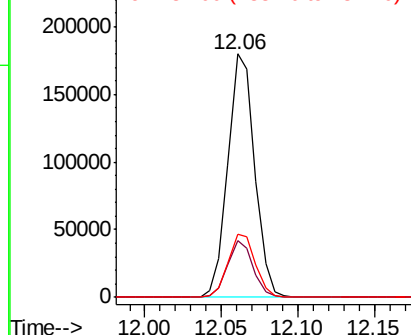
Tot Ion:	119	Resp:	218296
Ion Ratio	Lower	Upper	
119	100		
91	22.2	0.0	45.0
134	26.5	0.0	55.4

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.059 ug/l

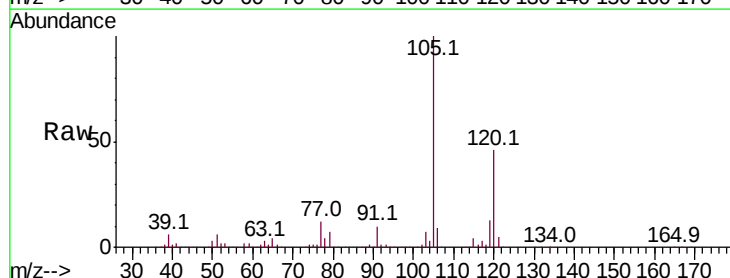
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

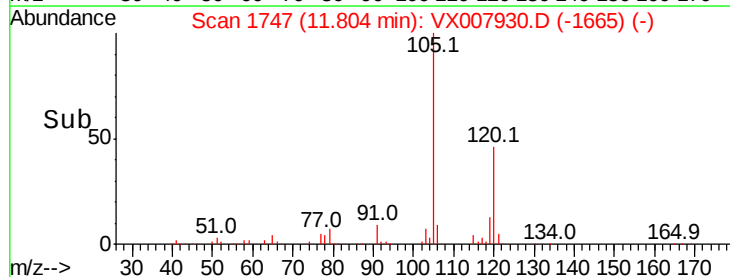
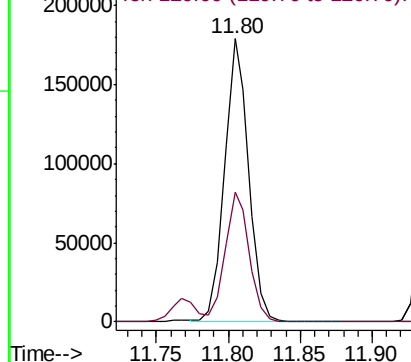
Lab File: VX007930.D

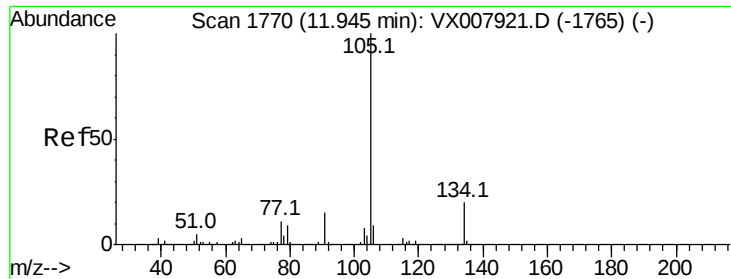
Acq: 08 Mar 2019 14:43

Tgt Ion:	105	Resp:	209563
Ion Ratio	Lower	Upper	
105	100		
120	45.9	0.0	94.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





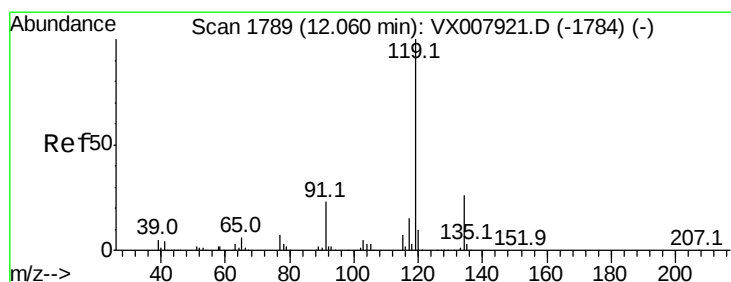
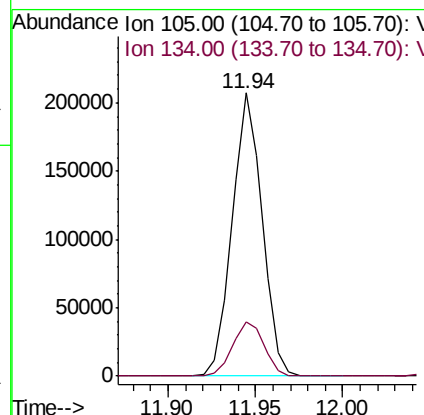
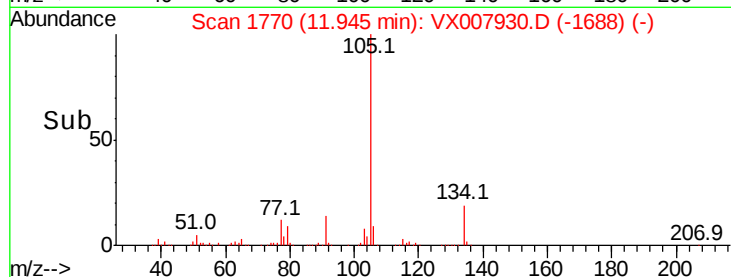
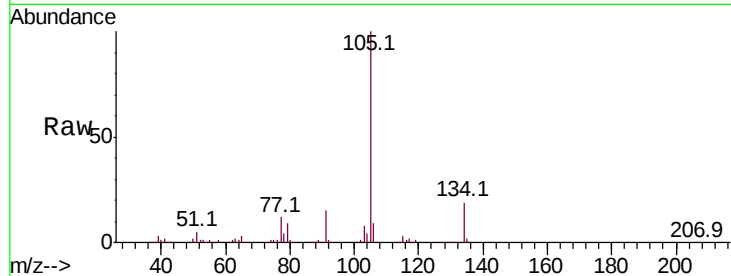
#81
 sec-Butylbenzene
 Concen: 17.889 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	245864		
134	20.2	0.0	41.8	

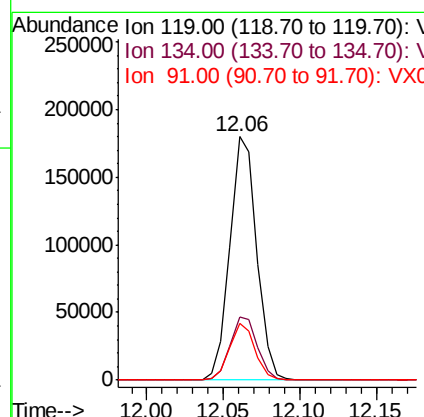
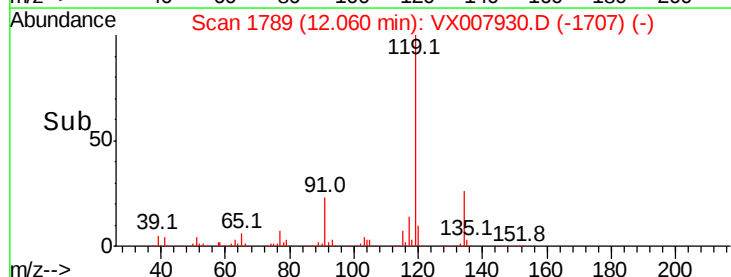
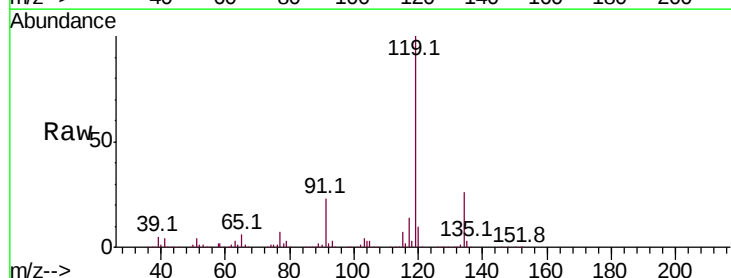
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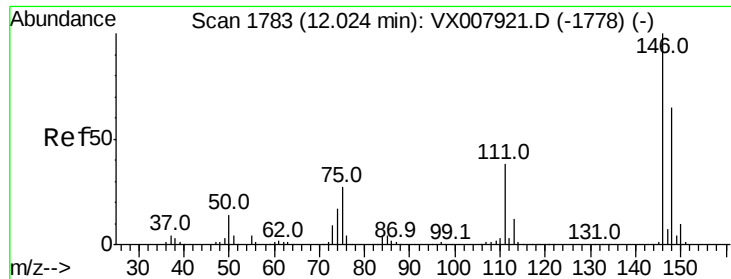
MMDadoda
 3/11/2019 12:01:56 PM



#82
 p-Isopropyltoluene
 Concen: 17.791 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	218296		
134	26.5	0.0	55.4	
91	22.2	0.0	45.0	





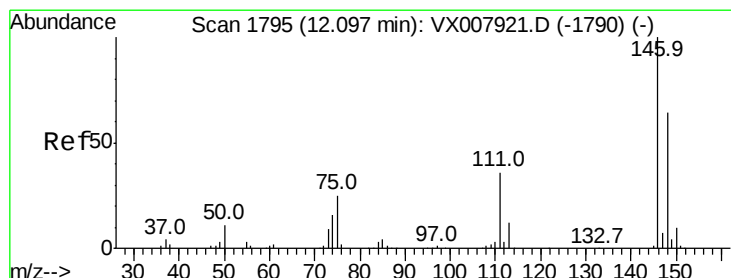
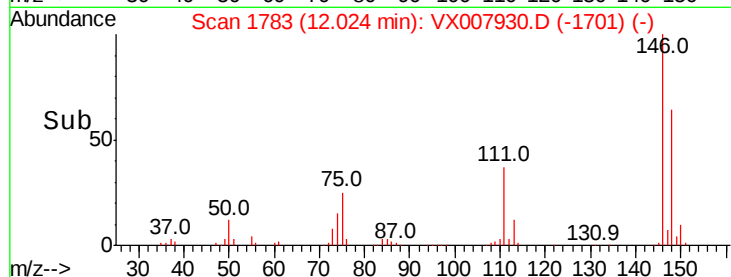
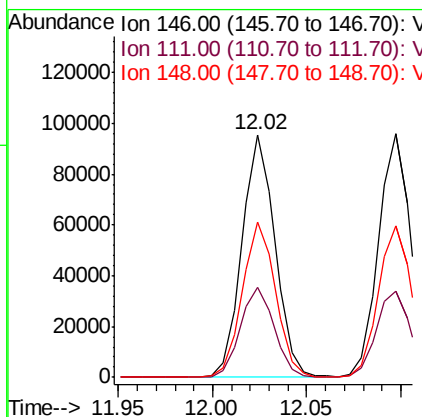
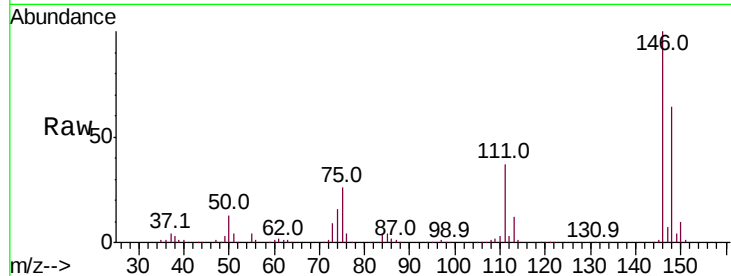
#83
 1,3-Dichlorobenzene
 Concen: 17.775 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.3
148	64.3	30.6	91.8

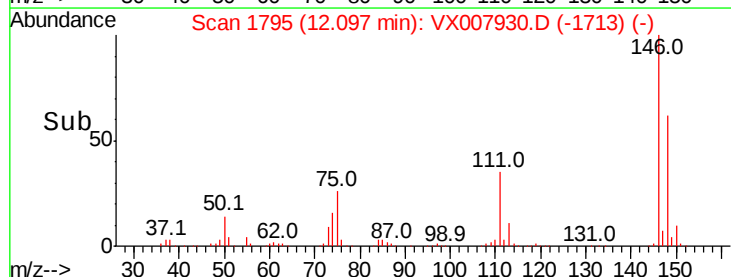
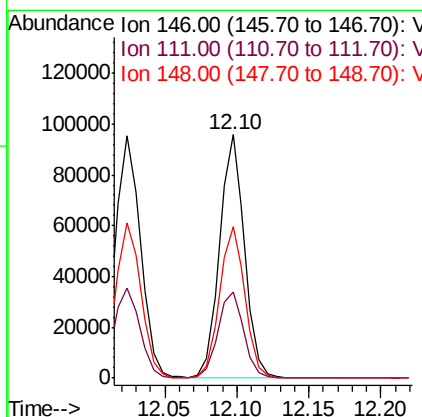
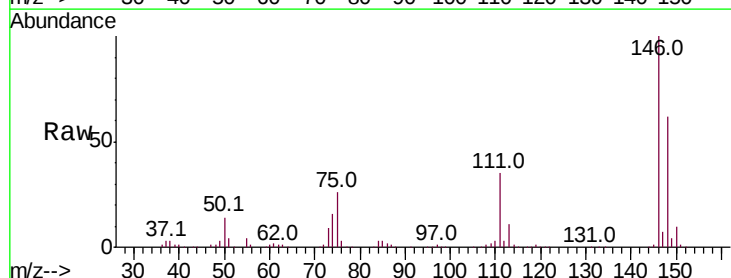
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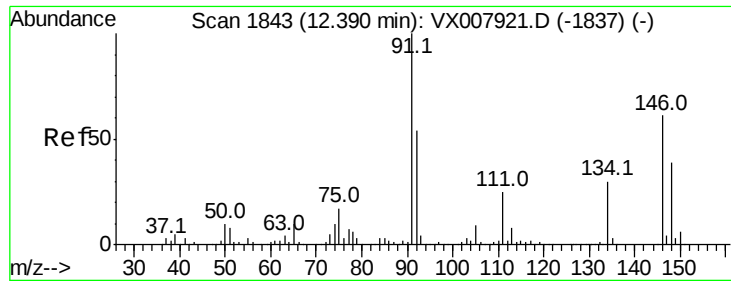
MMDadoda
 3/11/2019 12:01:56 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.795 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.6	52.8
148	63.7	31.4	94.2





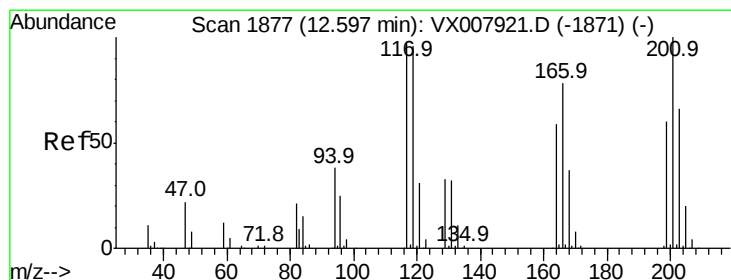
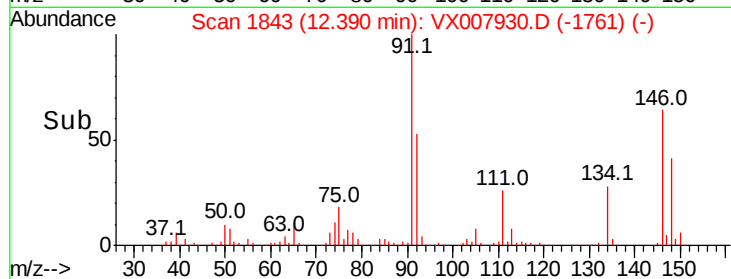
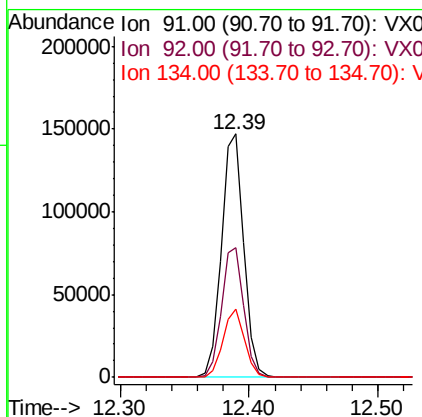
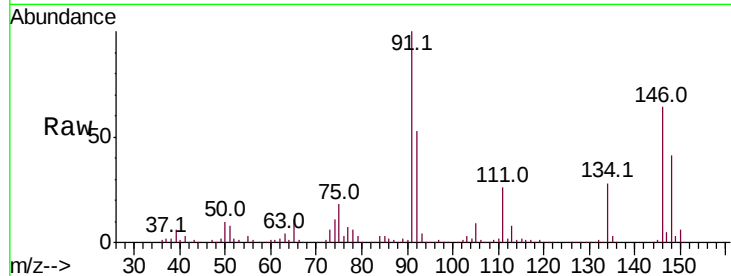
#85
n-Butylbenzene
Concen: 17.125 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	179701		
92	52.8	0.0	105.2	
134	27.2	0.0	56.4	

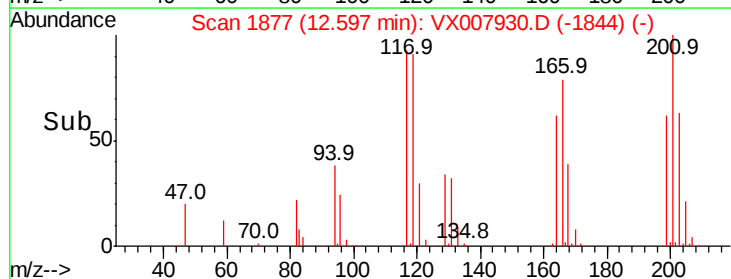
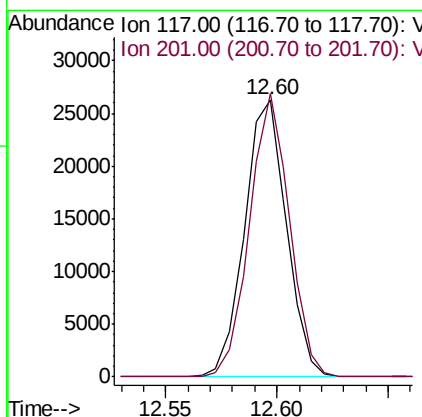
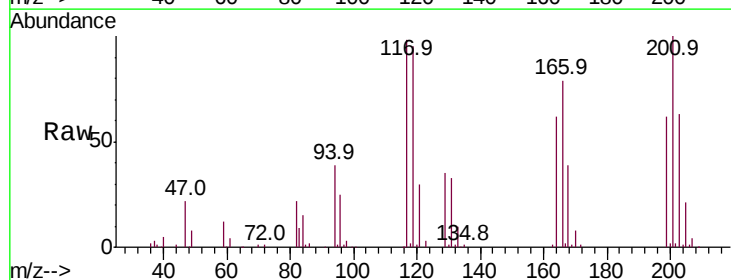
Manual Integrations
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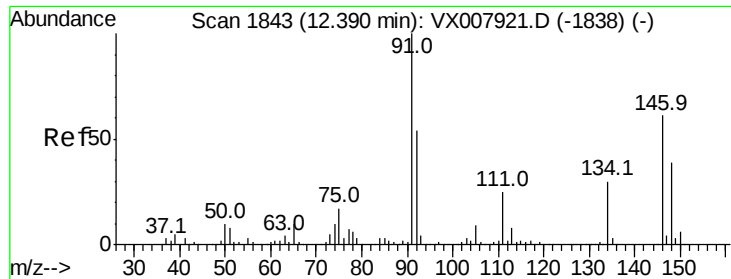
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#86
Hexachloroethane
Concen: 17.273 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34533		
201	96.7	41.1	123.3	





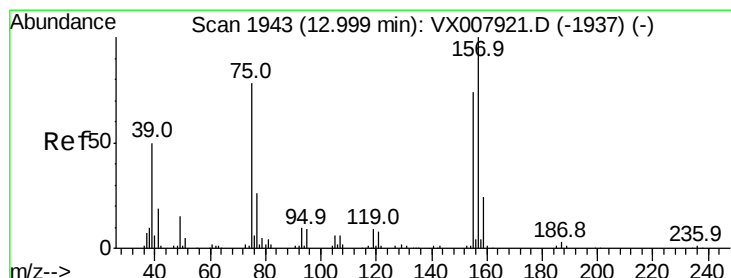
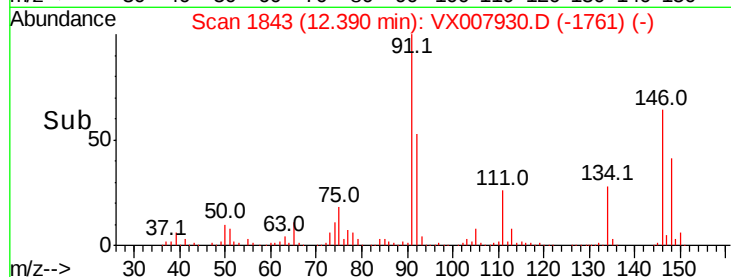
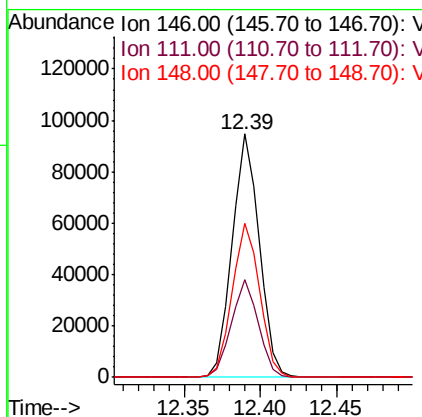
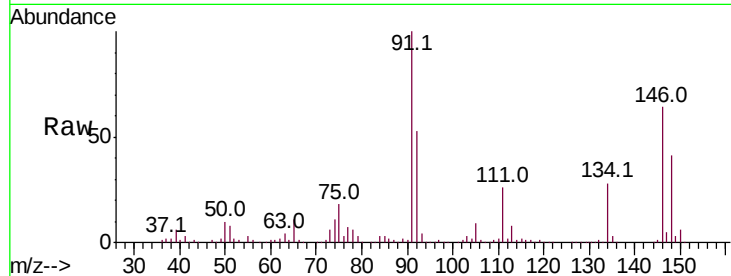
#87
 1,2-Dichlorobenzene
 Concen: 18.036 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.3	57.8
148	64.3	32.1	96.3

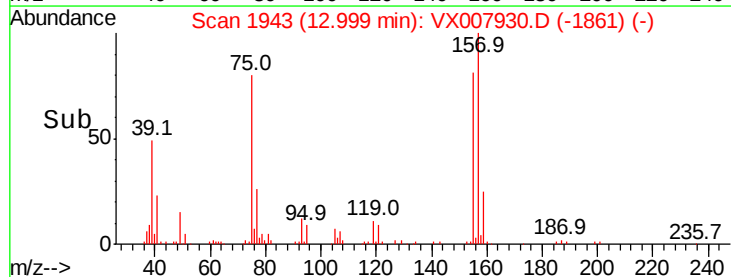
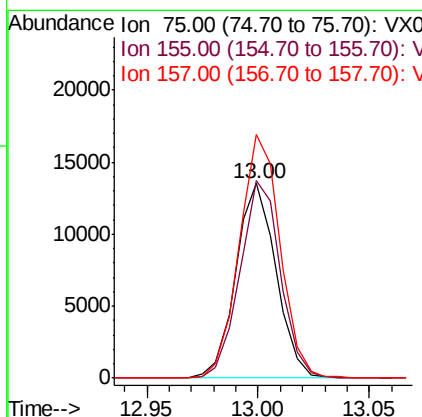
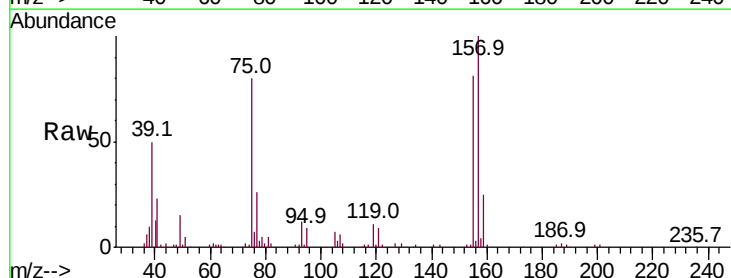
Manual Integrations
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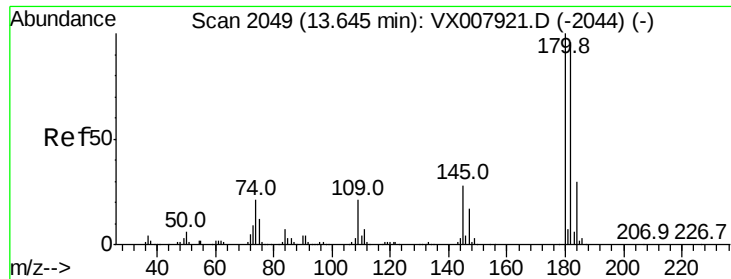
MMDadoda
 3/11/2019 12:01:56 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.239 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007930.D
 Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.0	81.0	121.6
157	127.4	103.2	154.8





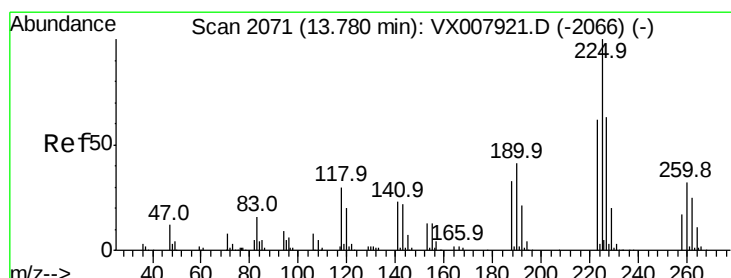
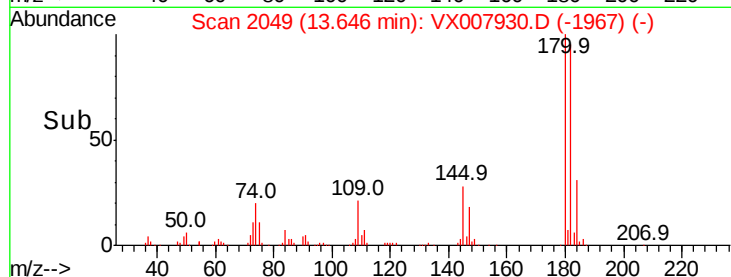
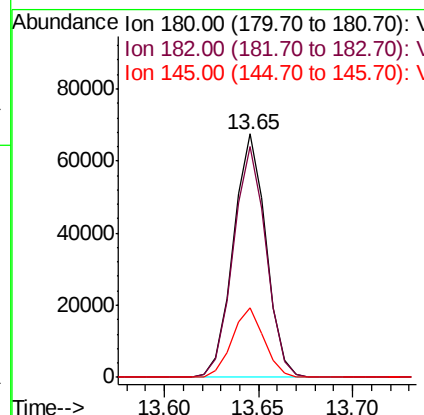
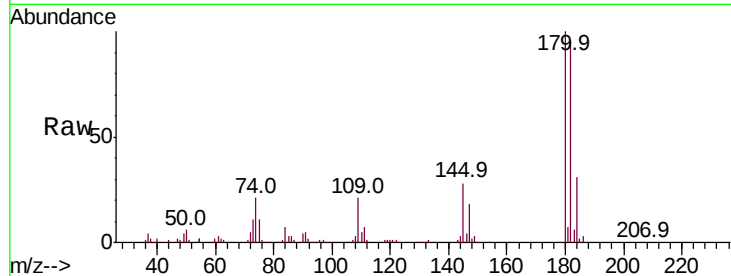
#89
1,2,4-Trichlorobenzene
Concen: 17.472 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81036		
182	95.3	75.6	113.4	
145	28.0	23.0	34.6	

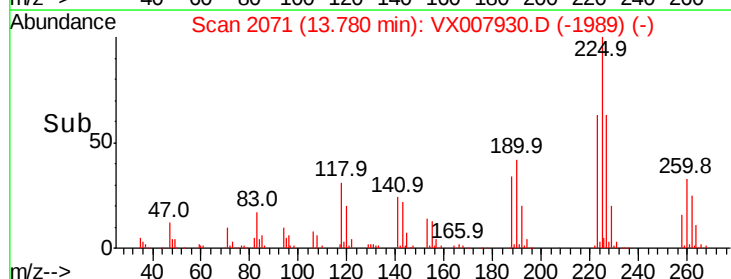
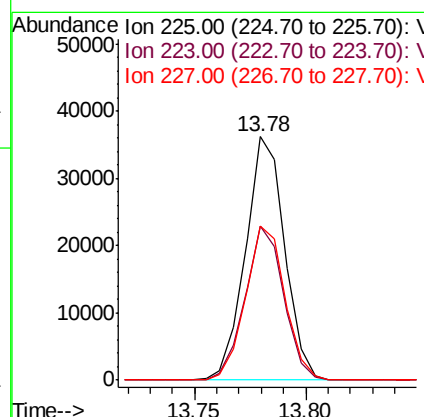
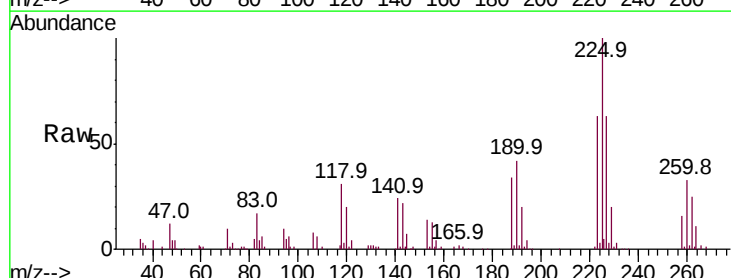
Manual Integrations
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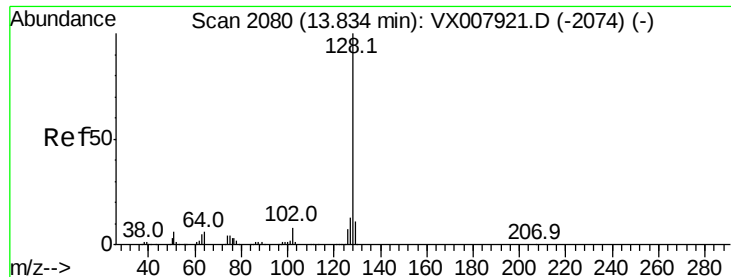
MMDadoda
3/11/2019 12:01:56 PM



#90
Hexachlorobutadiene
Concen: 17.387 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44477		
223	62.5	0.0	123.8	
227	63.3	0.0	124.4	





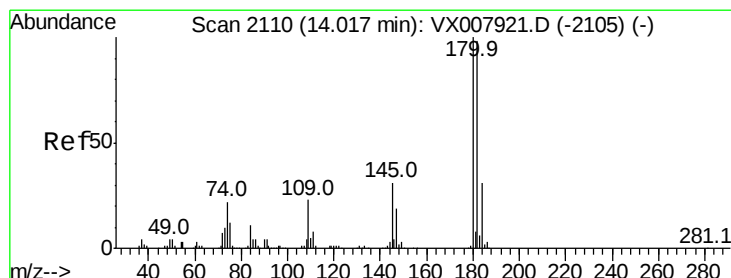
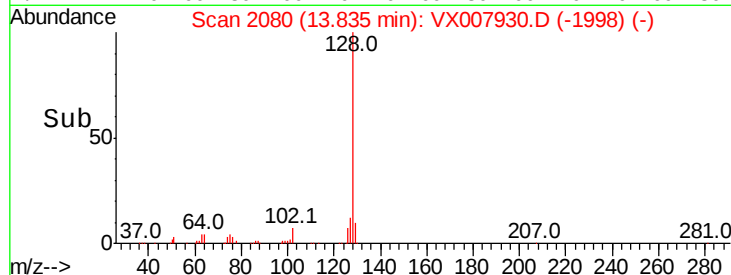
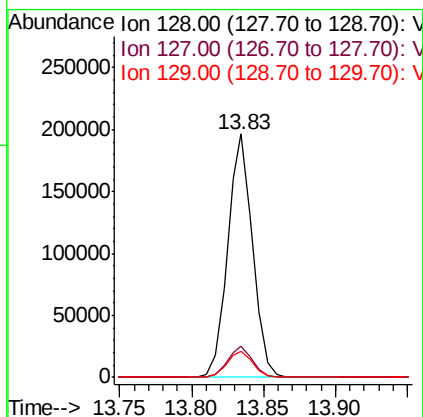
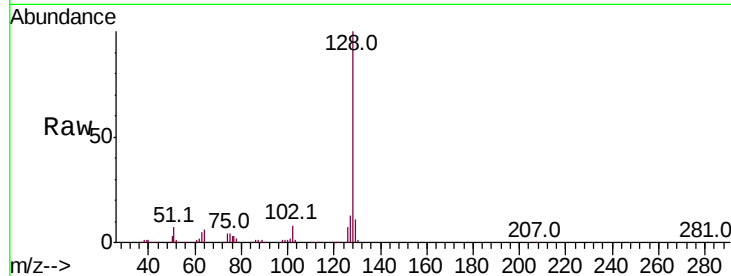
#91
Naphthalene
Concen: 17.909 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	238099		
127	12.8		10.5	15.7
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
3/11/2019 12:01:56 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.517 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007930.D
Acq: 08 Mar 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80756		
182	95.8		0.0	193.0
145	29.5		0.0	63.0

