

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102819\
 Data File : VX013244.D
 Acq On : 28 Oct 2019 13:43
 Operator : JC/SP
 Sample : VX1028WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 12:07:42 PM

Quant Time: Oct 29 14:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	23140	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	127347	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	115337	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	54515	29.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.77%
60) 4-Bromofluorobenzene	11.13	95	60287	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	154554	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	30338	18.261 ug/l	97
3) Chloromethane	1.32	50	23578	16.279 ug/l	94
4) Vinyl Chloride	1.40	62	24755	16.531 ug/l	100
5) Bromomethane	1.63	94	16061	19.876 ug/l	93
6) Chloroethane	1.72	64	16007	16.750 ug/l	93
7) Trichlorofluoromethane	1.92	101	44546	18.511 ug/l	99
8) Diethyl Ether	2.18	74	13971	17.009 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25150	17.110 ug/l	99
10) 1,1-Dichloroethene	2.36	96	24435	17.213 ug/l	95
11) Methyl Iodide	2.50	142	26603	14.551 ug/l	96
12) Methyl Acetate	2.76	43	31211	17.026 ug/l	95
13) Acrolein	2.28	56	26525	97.205 ug/l	96
14) Acrylonitrile	3.13	53	64462	84.086 ug/l	99
15) Acetone	2.44	58	21385	84.668 ug/l	93
16) Carbon Disulfide	2.56	76	61390	16.194 ug/l	100
17) Allyl chloride	2.72	41	36373	16.108 ug/l	89
18) Methylene Chloride	2.85	84	27430	16.688 ug/l	93
19) trans-1,2-Dichloroethene	3.16	96	26009	17.266 ug/l	97
20) Diisopropyl ether	3.84	45	74084	16.963 ug/l	96
21) 1,1-Dichloroethane	3.69	63	46369	17.487 ug/l	97
22) cis-1,2-Dichloroethene	4.59	96	29372	17.099 ug/l	95
23) tert-Butyl Alcohol	3.03	59	35780	88.587 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	88384	18.053 ug/l	98
25) Chloroform	5.20	83	51162	18.361 ug/l	96
26) Cyclohexane	5.57	56	37979	16.323 ug/l #	97
29) 1,1-Dichloropropene	5.79	75	35414	17.901 ug/l #	86
30) 2-Butanone	4.65	43	94273	90.845 ug/l	98
31) 2,2-Dichloropropane	4.58	77	44686	19.537 ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	47040	19.650 ug/l	99
33) Carbon Tetrachloride	5.78	117	40076	19.478 ug/l	97
34) Benzene	6.14	78	103716	18.210 ug/l	97
35) Methacrylonitrile	5.03	41	18897	17.757 ug/l	93
36) 1,2-Dichloroethane	6.19	62	42929	19.940 ug/l	98
37) Trichloroethene	7.21	130	29776	18.849 ug/l	97
38) Methylcyclohexane	7.46	83	42698	17.697 ug/l	99
39) 1,2-Dichloropropane	7.50	63	24744	17.701 ug/l	97
40) Dibromomethane	7.65	93	18595	18.623 ug/l	98

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Manual Integrations
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Quant Time: Oct 29 14:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	37705	18.727	ug/l	99
42) Vinyl Acetate	3.80	43	319871	88.888	ug/l	99
43) Ethyl Acetate	4.82	43	32536	17.190	ug/l	99
44) Isopropyl Acetate	6.43	43	57633	18.118	ug/l	99
45) 1,4-Dioxane	7.73	88	14205	353.102	ug/l	96
46) Methyl methacrylate	7.76	41	27851	17.793	ug/l	93
47) n-amyl Acetate	10.89	43	46447	17.322	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	40135	18.173	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	44744	18.620	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	27270	18.493	ug/l	95
51) Ethyl methacrylate	9.17	69	42574	18.413	ug/l	96
52) 1,3-Dichloropropane	9.37	76	46264	18.630	ug/l	100
53) Dibromochloromethane	9.57	129	30505	19.178	ug/l	96
54) 1,2-Dibromoethane	9.67	107	30083	19.080	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	93833	99.905	ug/l	99
56) Bromoform	10.85	173	20715	18.357	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	175087	90.090	ug/l	100
59) 2-Hexanone	9.48	43	133758	87.818	ug/l	99
61) Tetrachloroethene	9.33	164	29309	19.168	ug/l	97
62) Toluene	8.78	91	114078	18.322	ug/l	100
64) Chlorobenzene	10.14	112	72754	18.224	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	28550	19.091	ug/l	98
66) Ethyl Benzene	10.25	91	131768	18.388	ug/l	100
67) m/p-Xylenes	10.36	106	98713	36.245	ug/l	98
68) o-Xylene	10.70	106	46433	17.859	ug/l	99
69) Styrene	10.71	104	80521	17.997	ug/l	98
70) Isopropylbenzene	11.01	105	130577	18.303	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	39507	18.072	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	39239m	20.666	ug/l	
73) Bromobenzene	11.25	156	30807	17.994	ug/l	99
74) n-propylbenzene	11.35	91	137353	17.541	ug/l	99
75) 2-Chlorotoluene	11.42	91	87593	17.877	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	114109	19.054	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	12533	17.001	ug/l	96
78) 4-Chlorotoluene	11.51	91	97866	17.480	ug/l	98
79) tert-butylbenzene	11.76	119	102508	17.776	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	110324	18.441	ug/l	96
81) sec-Butylbenzene	11.94	105	121447	17.679	ug/l	99
82) p-Isopropyltoluene	12.06	119	113243	18.029	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	54906	17.561	ug/l	95
84) 1,4-Dichlorobenzene	12.09	146	54807	17.724	ug/l	99
85) n-Butylbenzene	12.39	91	89406	16.757	ug/l	99
86) Hexachloroethane	12.59	117	19609	17.886	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	56568	18.651	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	9894	18.368	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	33246	17.625	ug/l	99
90) Hexachlorobutadiene	13.78	225	16680	17.416	ug/l	97
91) Naphthalene	13.83	128	105460	17.187	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	33439	17.303	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX1028WBS02

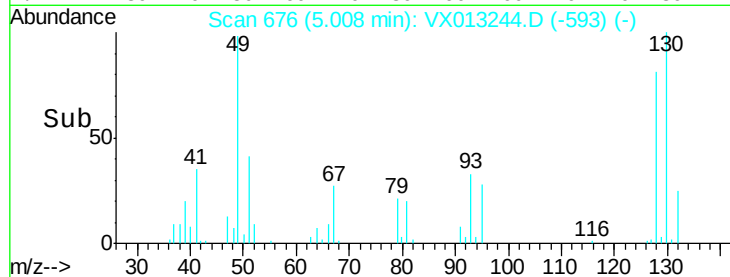
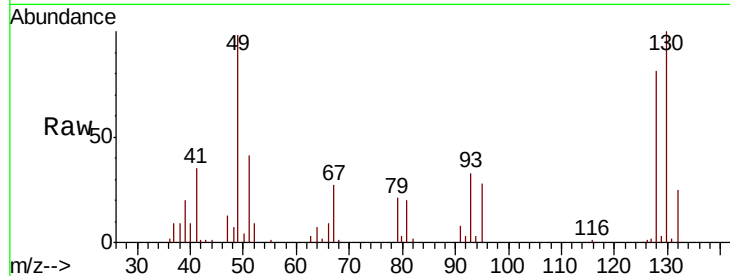
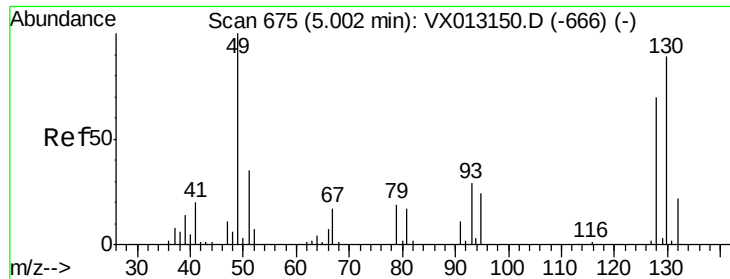
Manual Integrations
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10/30/2019 12:07:42 PM

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QLast Update : Tue Oct 22 01:53:07 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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX013244.D

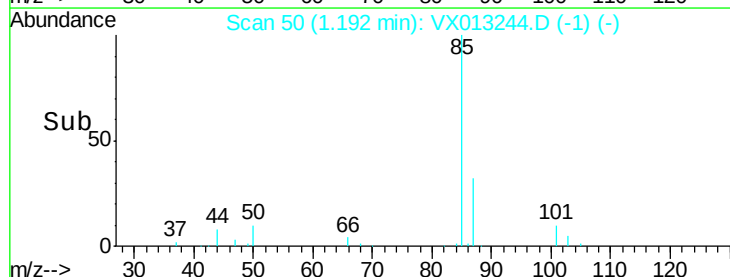
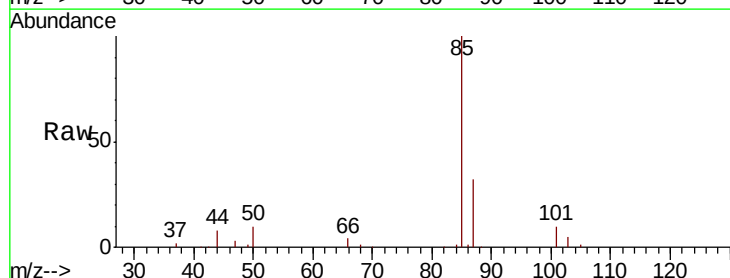
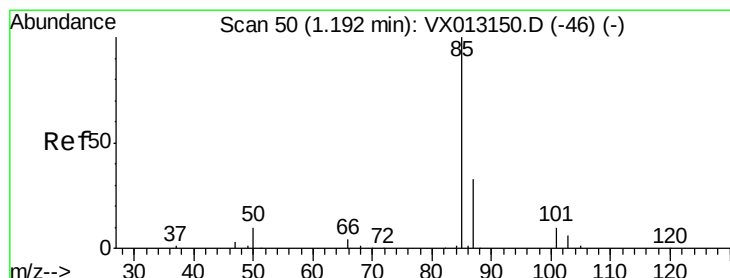
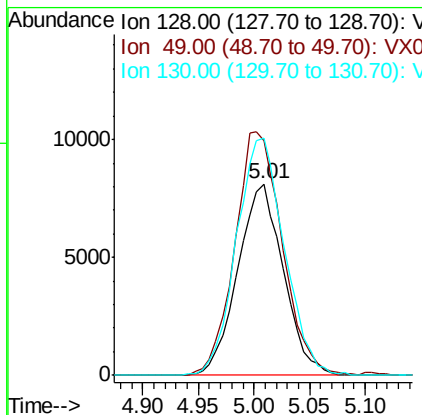
Acq: 28 Oct 2019 13:43

Tot Ion:	128	Resp:	23140
Ion	Ratio	Lower	Upper
128	100		
49	132.4	0.0	367.3
130	130.1	0.0	325.0

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.261 ug/l

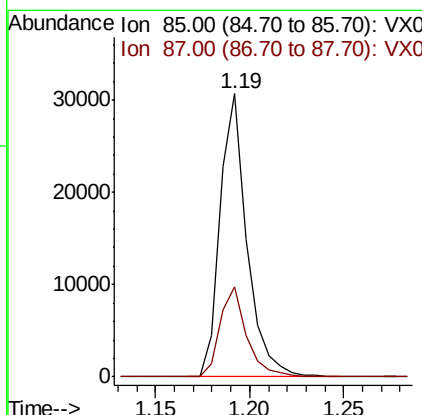
RT: 1.19 min Scan# 50

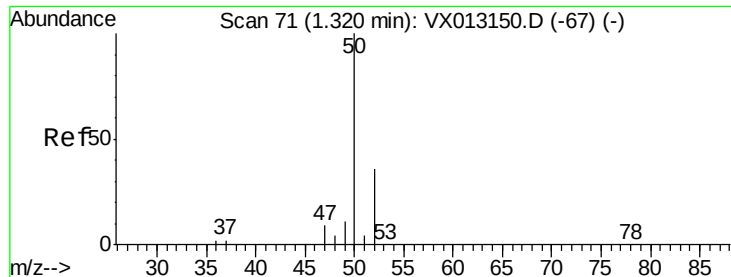
Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Tgt Ion:	85	Resp:	30338
Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.6	49.7





#3

Chloromethane

Concen: 16.279 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 50 Resp: 23578

Ion Ratio Lower Upper

50 100

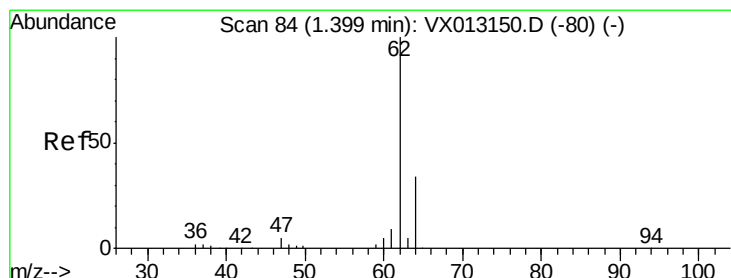
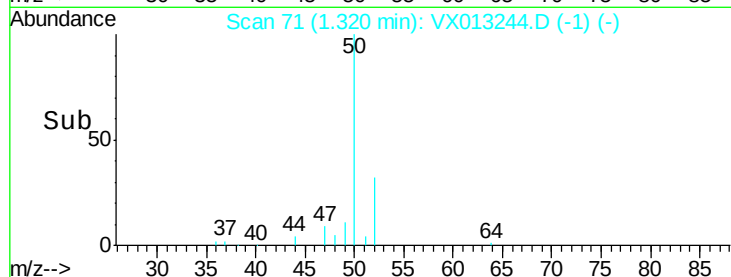
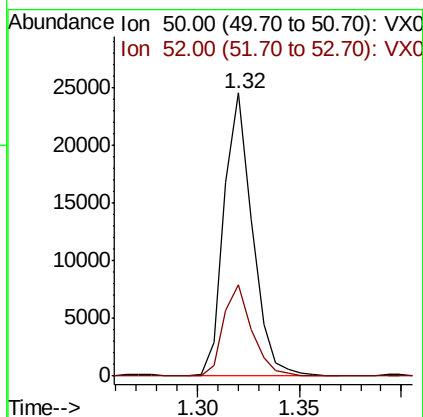
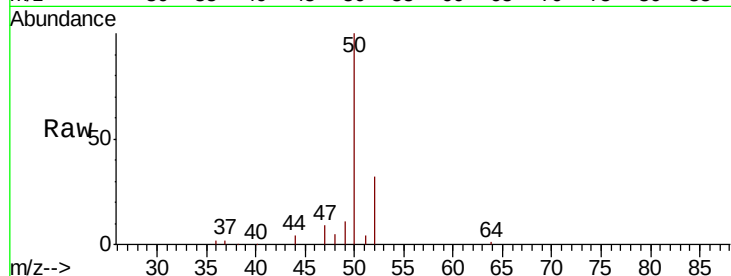
52 32.3 28.6 42.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.531 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013244.D

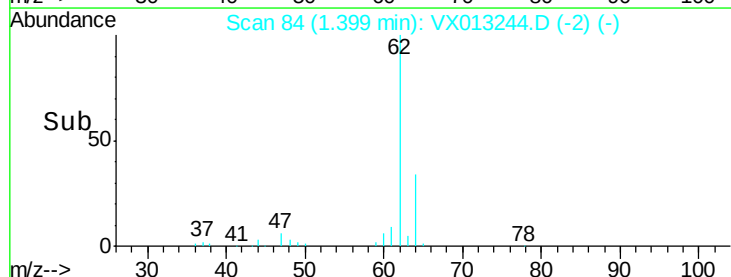
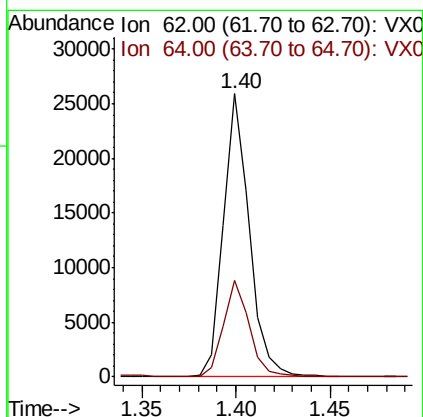
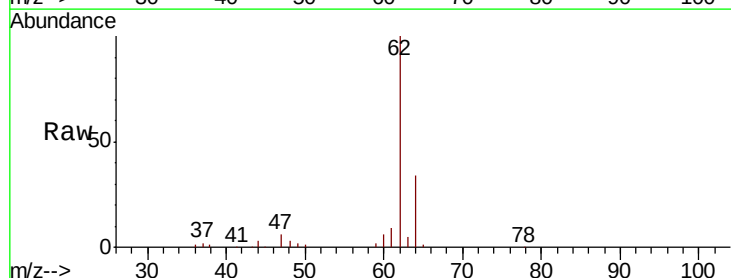
Acq: 28 Oct 2019 13:43

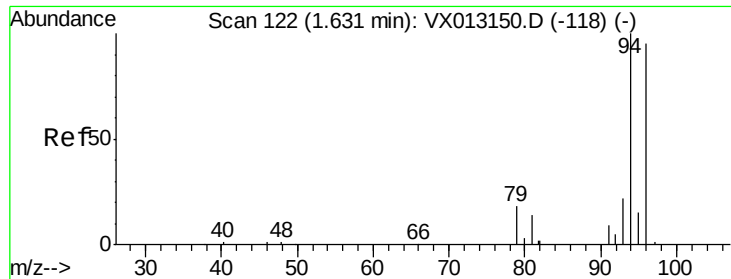
Tgt Ion: 62 Resp: 24755

Ion Ratio Lower Upper

62 100

64 33.9 27.3 40.9





#5

Bromomethane

Concen: 19.876 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 94 Resp: 16061

Ion Ratio Lower Upper

94 100

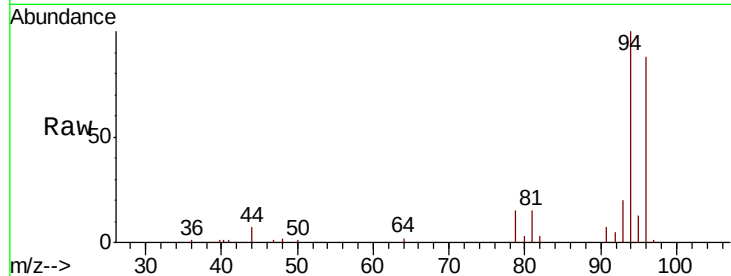
96 88.0 75.9 113.9

Manual Integrations

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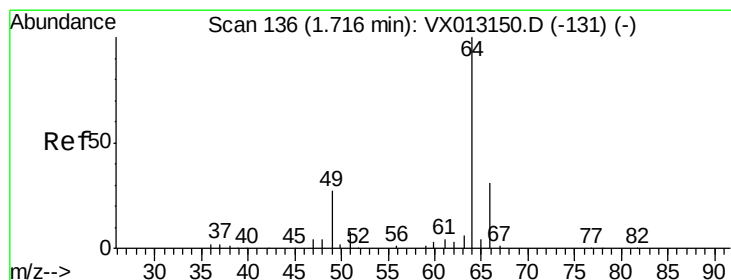
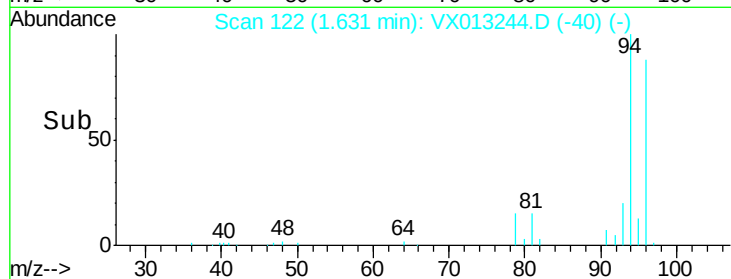
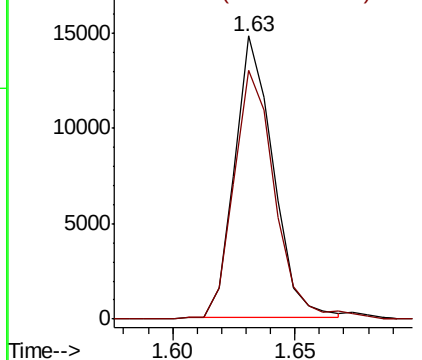
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.750 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013244.D

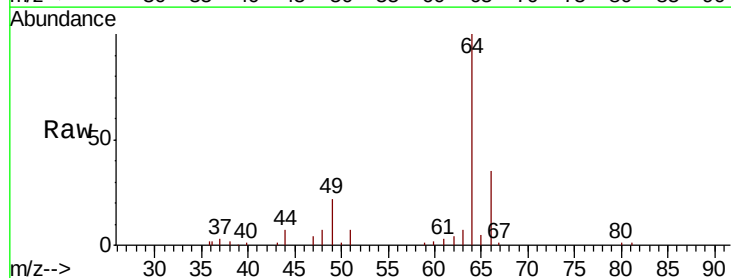
Acq: 28 Oct 2019 13:43

Tgt Ion: 64 Resp: 16007

Ion Ratio Lower Upper

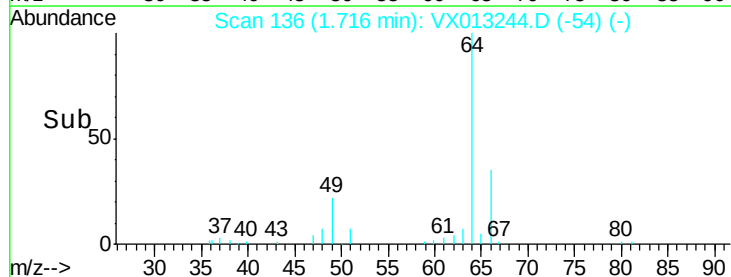
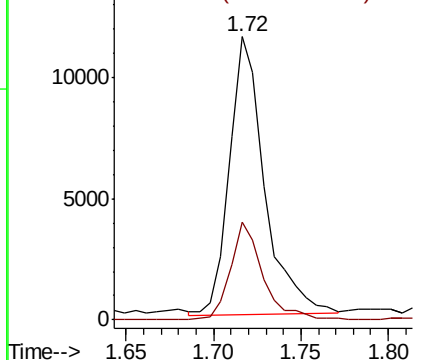
64 100

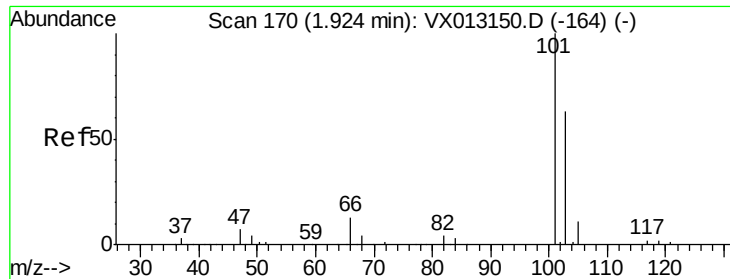
66 35.6 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

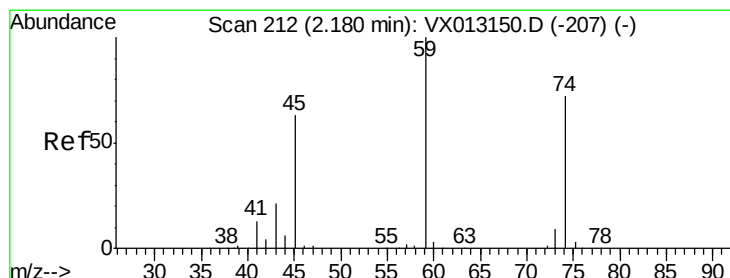
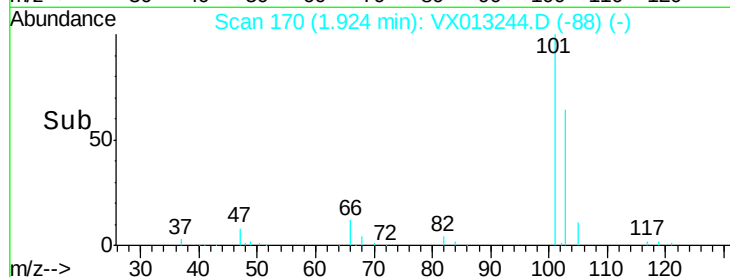
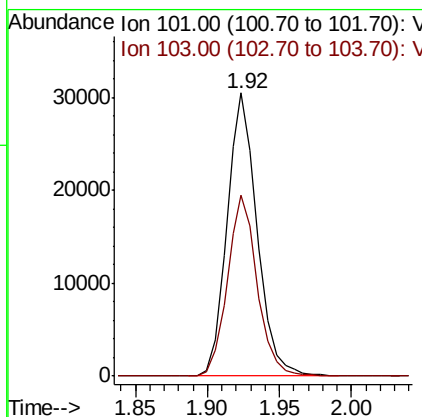
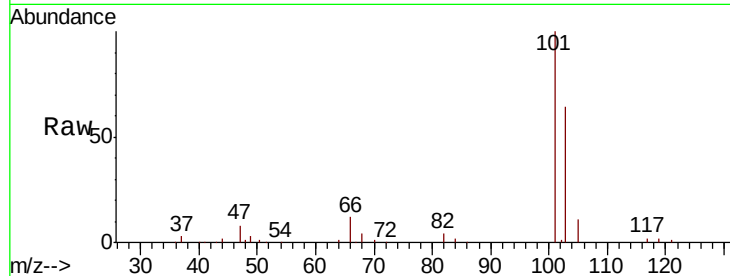
Trichlorofluoromethane
Concen: 18.511 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
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ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.2	75.4

Manual Integrations
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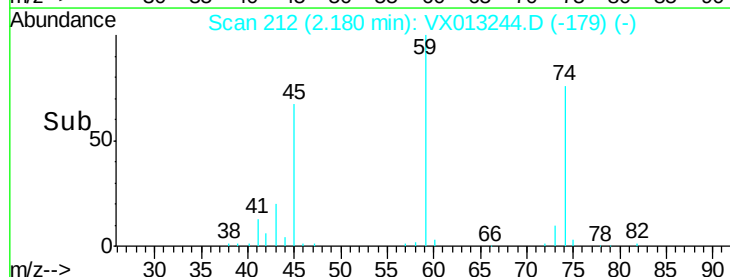
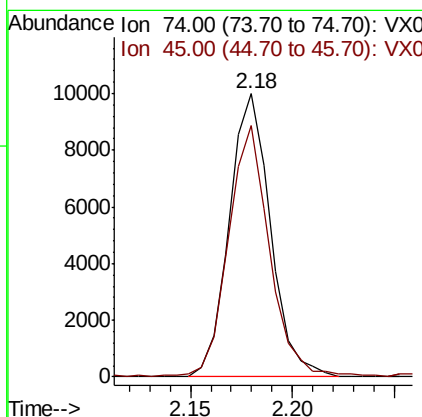
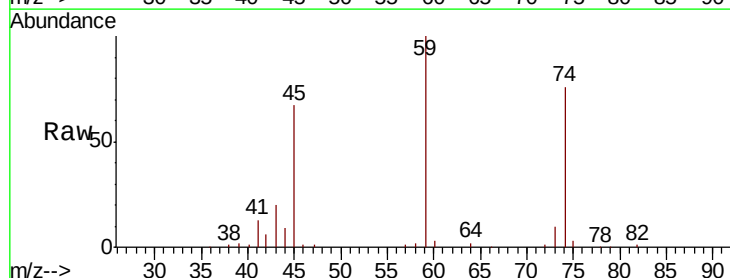
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10/30/2019 12:07:42 PM

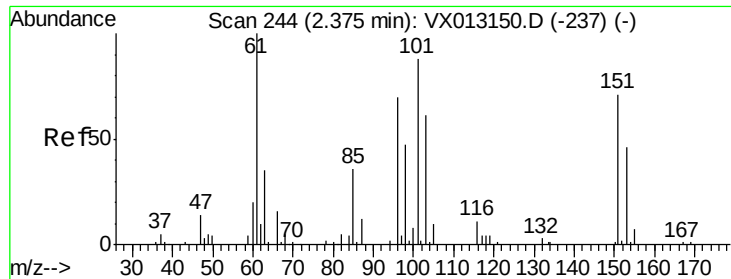


#8

Diethyl Ether
Concen: 17.009 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	18.4	165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.110 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

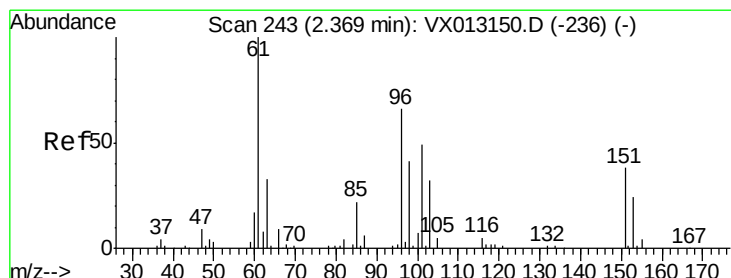
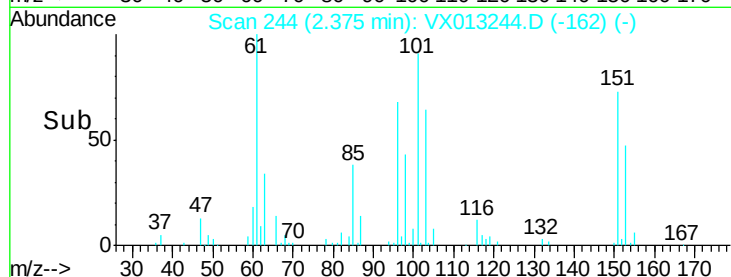
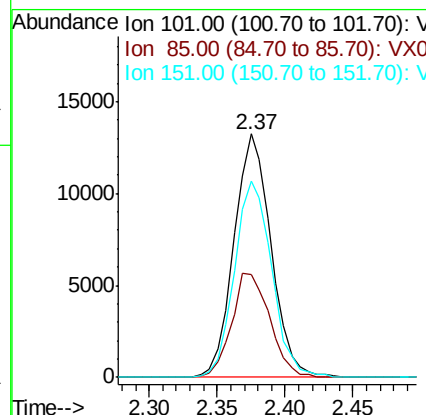
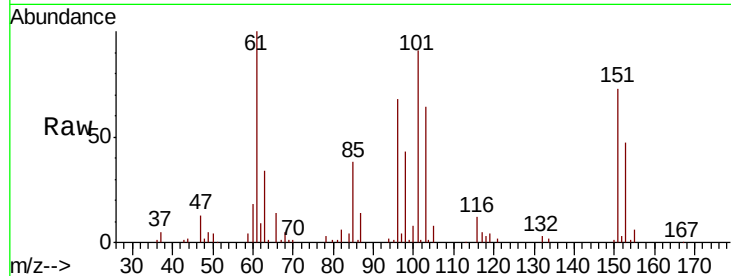
ClientSampleId :

VX1028WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	25150		
85	43.7	0.0	87.2	
151	80.9	0.0	163.0	

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.213 ug/l

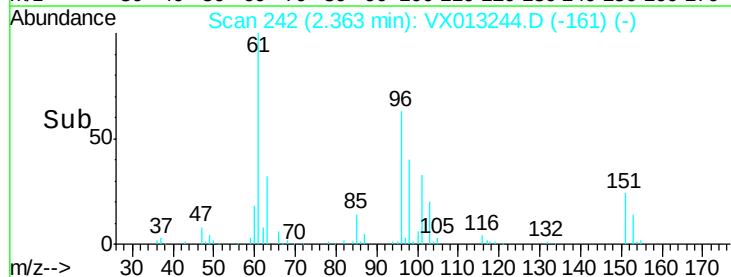
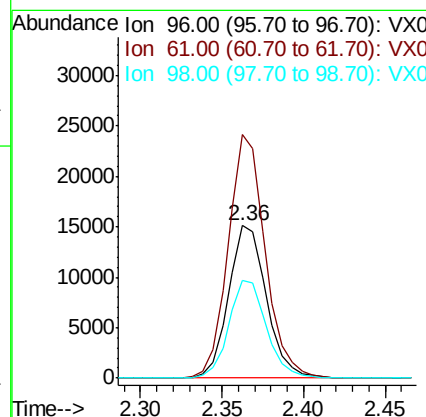
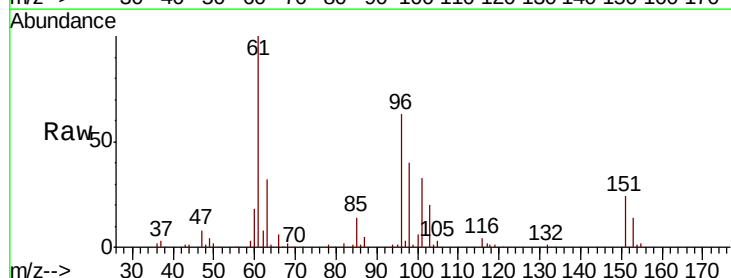
RT: 2.36 min Scan# 242

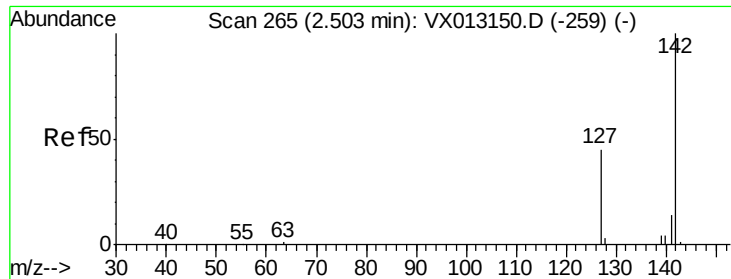
Delta R.T. -0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	24435		
61	159.2	121.3	181.9	
98	63.9	49.5	74.3	





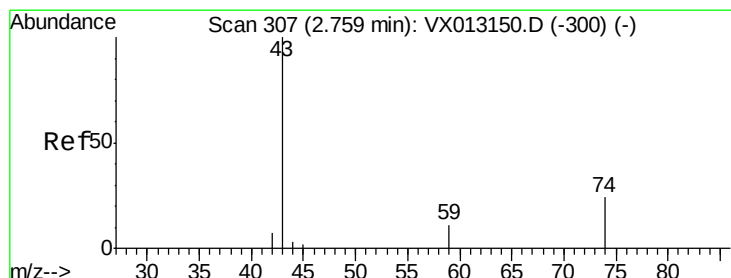
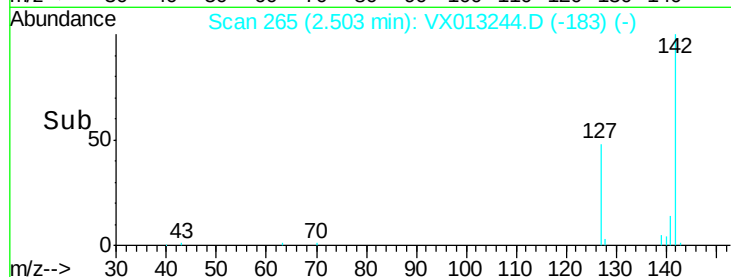
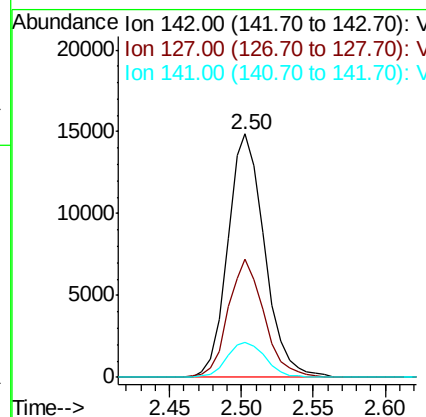
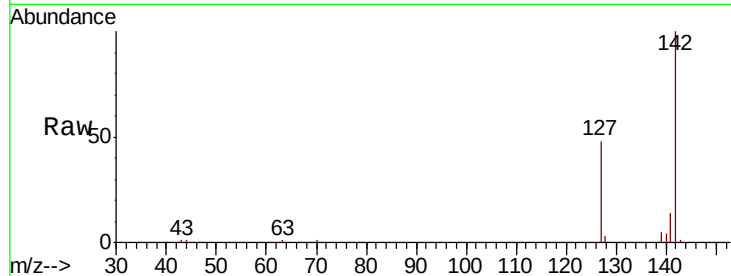
#11
Methvl Iodide
Concen: 14.551 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.2	22.3	66.9
141	14.4	7.1	21.3

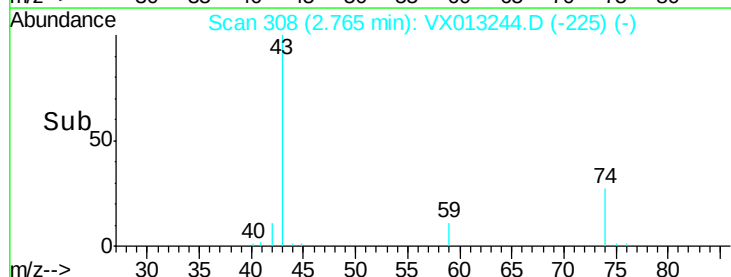
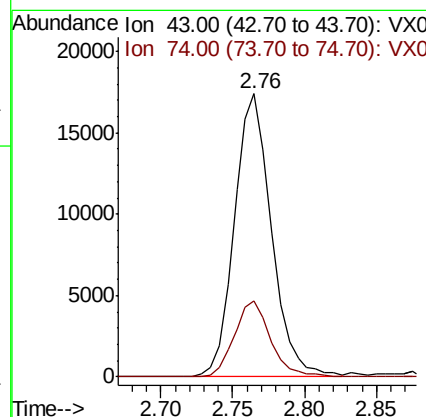
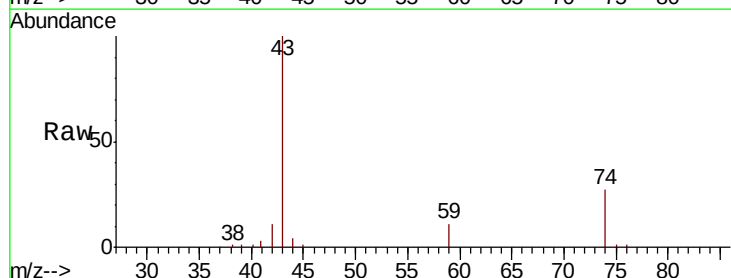
Manual Integrations
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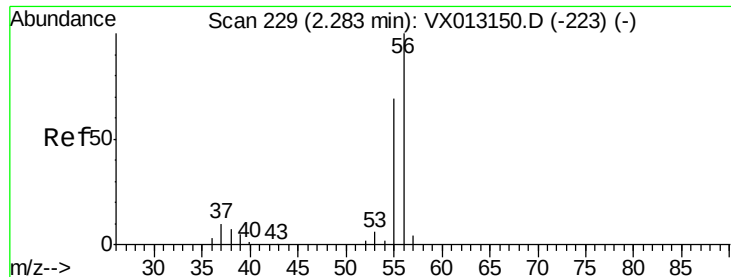
MMDadoda
10/30/2019 12:07:42 PM



#12
Methyl Acetate
Concen: 17.026 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	19.7	29.5





#13

Acrolein

Concen: 97.205 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 56 Resp: 26525

Ion Ratio Lower Upper

56 100

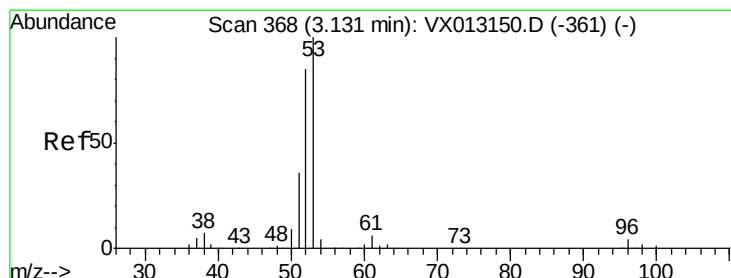
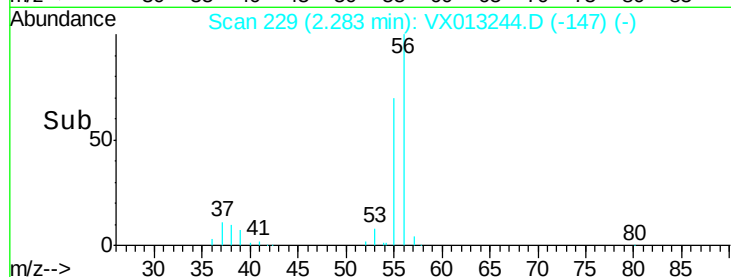
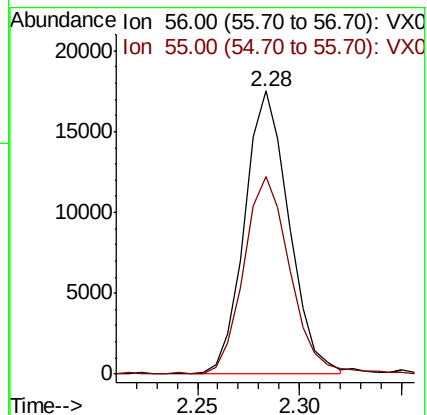
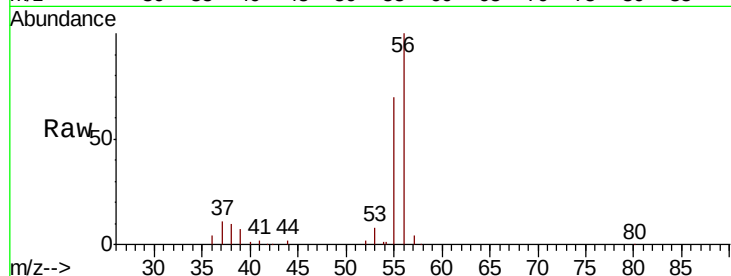
55 72.8 55.8 83.8

Manual Integrations

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#14

Acrylonitrile

Concen: 84.086 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

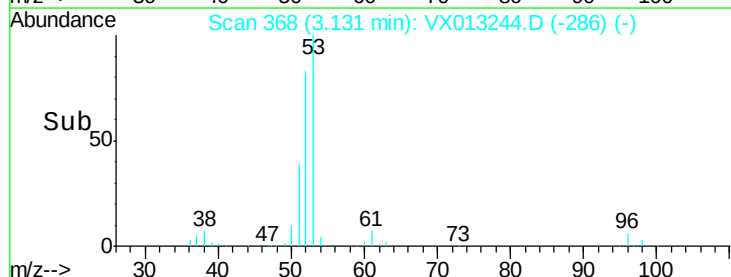
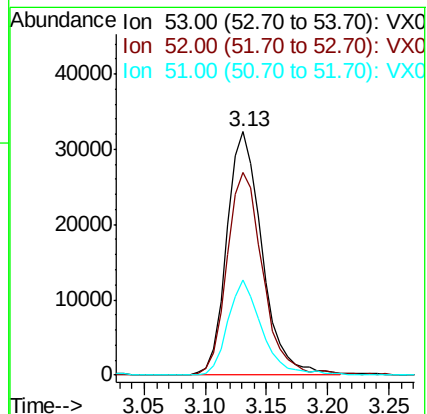
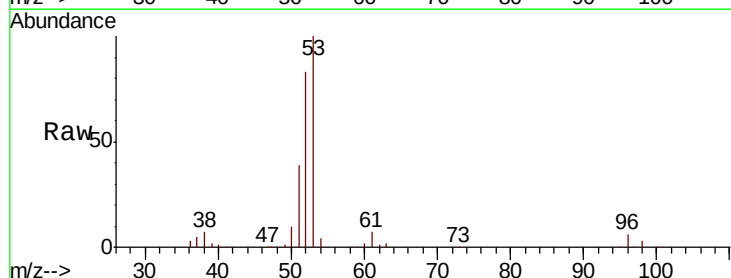
Tgt Ion: 53 Resp: 64462

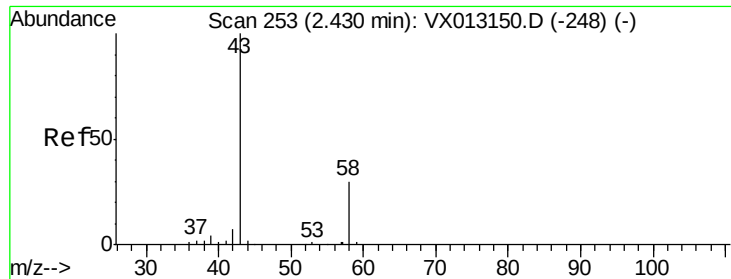
Ion Ratio Lower Upper

53 100

52 83.3 42.0 126.0

51 37.0 18.6 56.0





#15

Acetone

Concen: 84.668 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 58 Resp: 21385

Ion Ratio Lower Upper

58 100

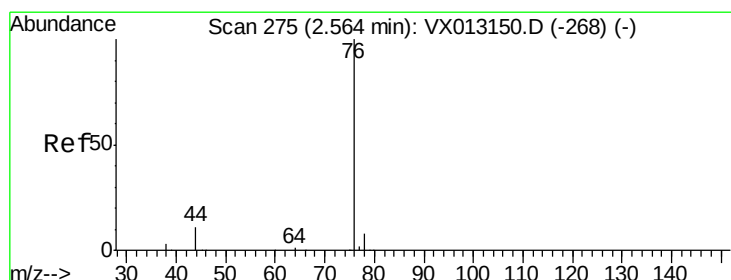
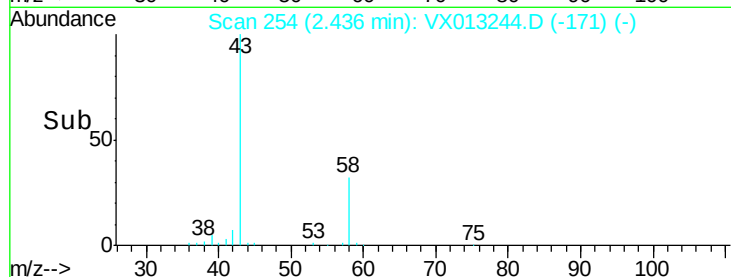
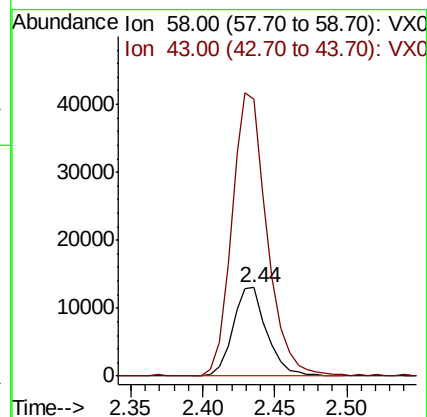
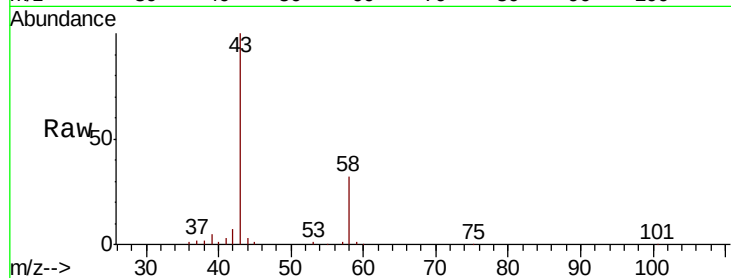
43 313.2 262.8 394.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 16.194 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013244.D

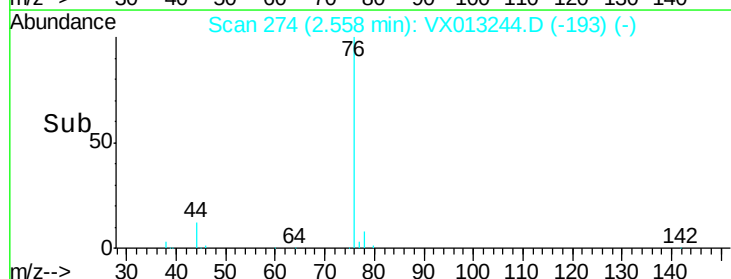
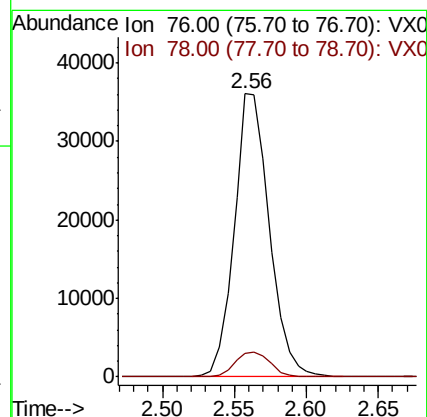
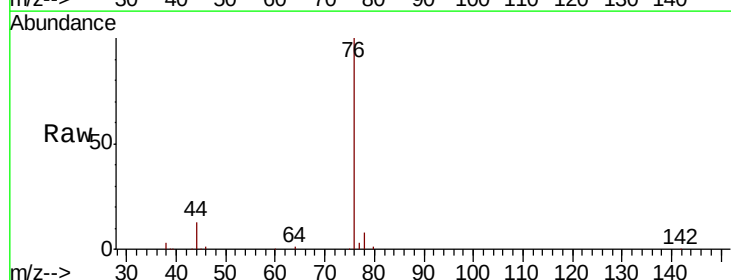
Acq: 28 Oct 2019 13:43

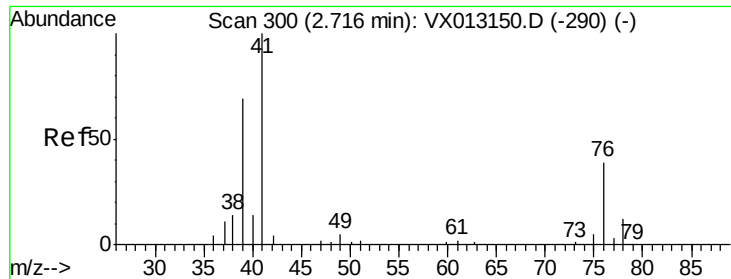
Tgt Ion: 76 Resp: 61390

Ion Ratio Lower Upper

76 100

78 8.4 6.6 10.0





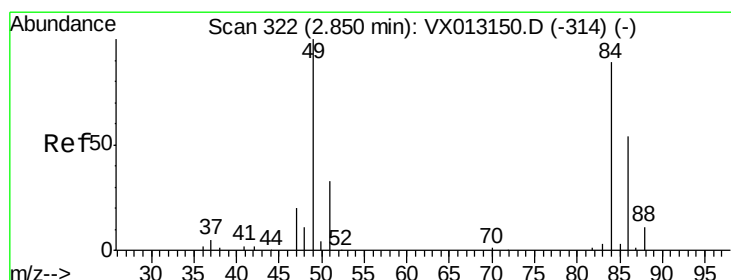
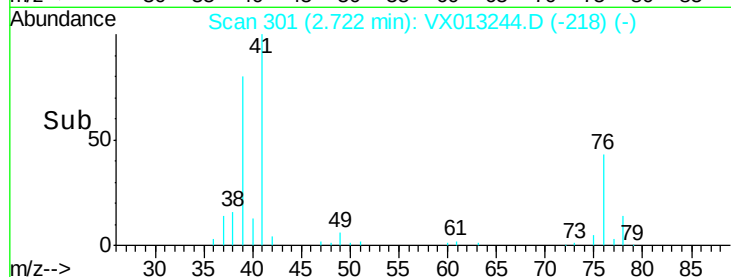
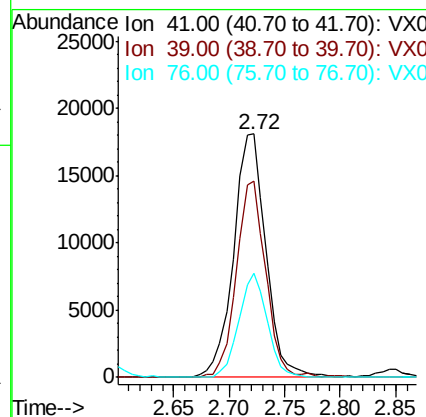
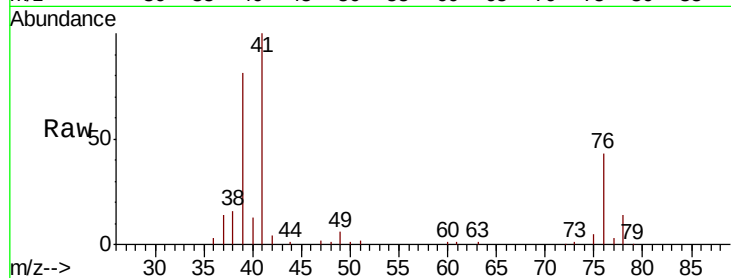
#17
Allvl chloride
Concen: 16.108 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.6	34.7	104.1
76	42.7	19.7	59.0

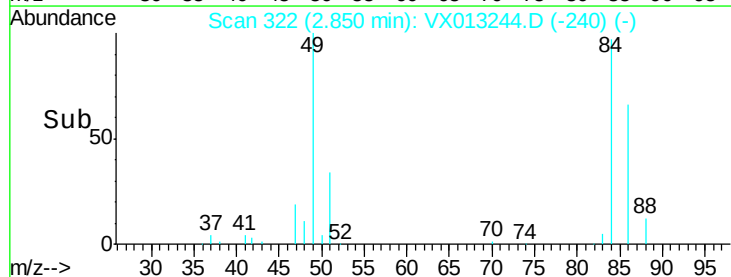
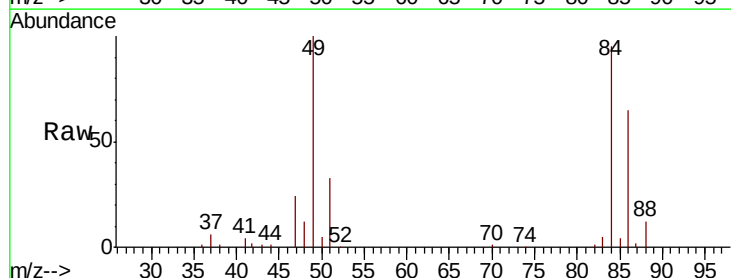
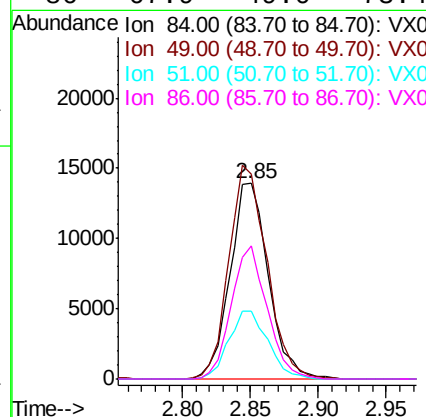
Manual Integrations
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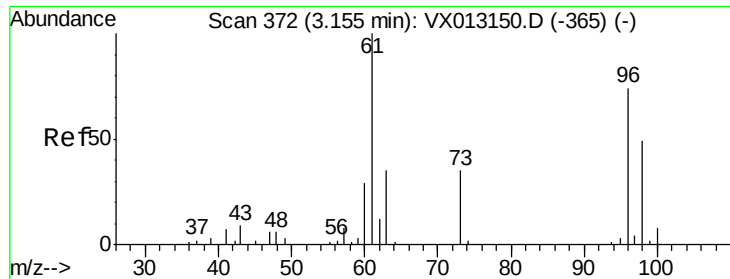
MMDadoda
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#18
Methylene Chloride
Concen: 16.688 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.1	90.3	135.5
51	34.6	29.9	44.9
86	67.9	49.0	73.4





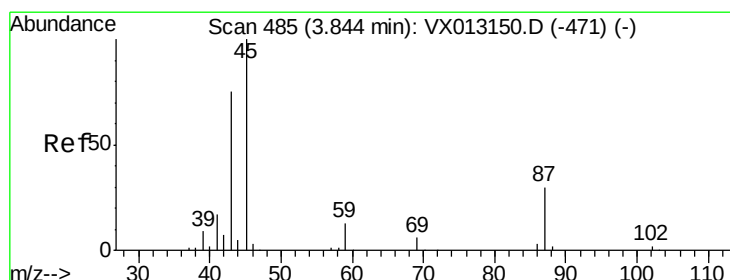
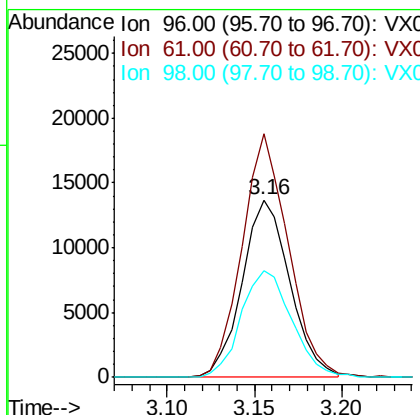
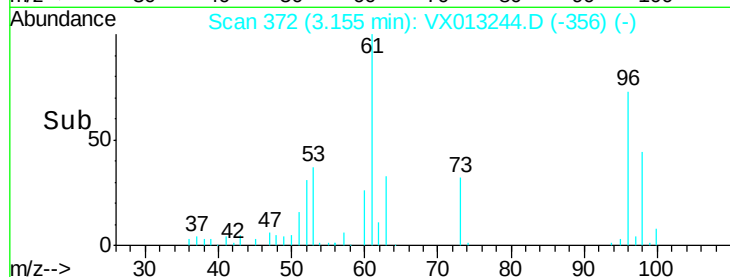
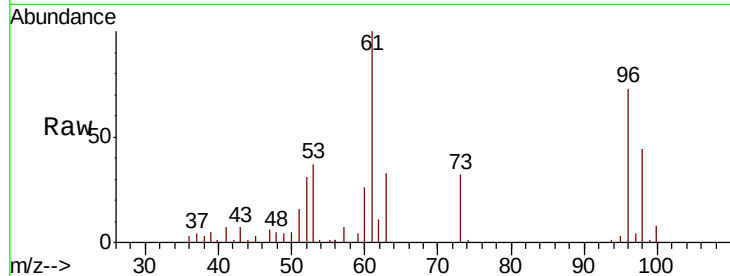
#19
trans-1,2-Dichloroethene
Concen: 17.266 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	108.6	162.8
98	60.2	53.4	80.0

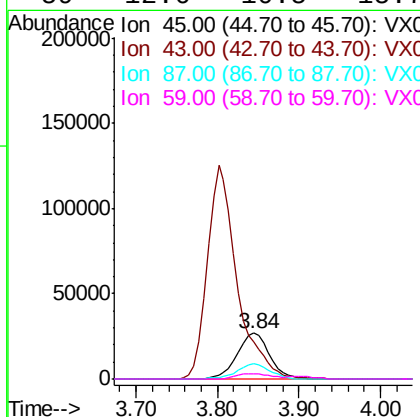
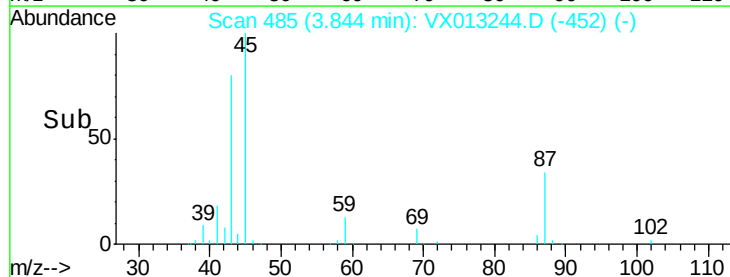
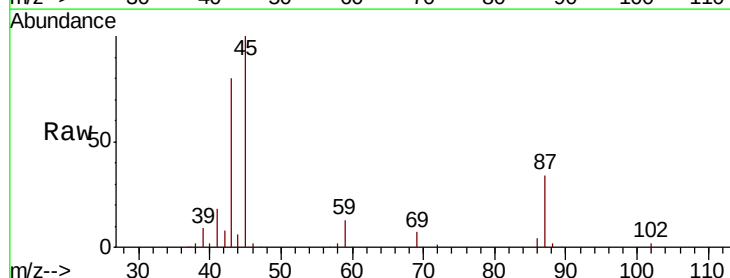
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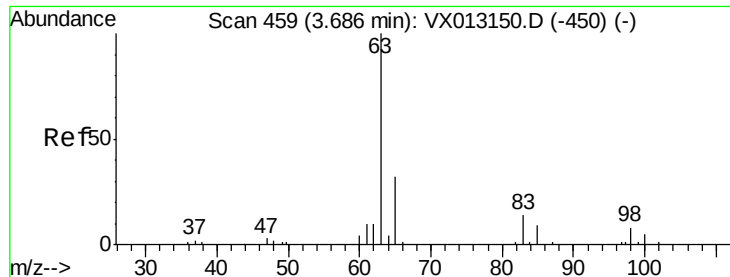
MMDadoda
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#20
Diisopropyl ether
Concen: 16.963 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.3	60.6	91.0
87	33.7	24.2	36.2
59	12.6	10.5	15.7





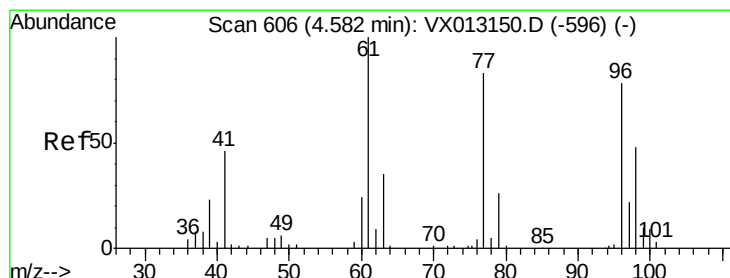
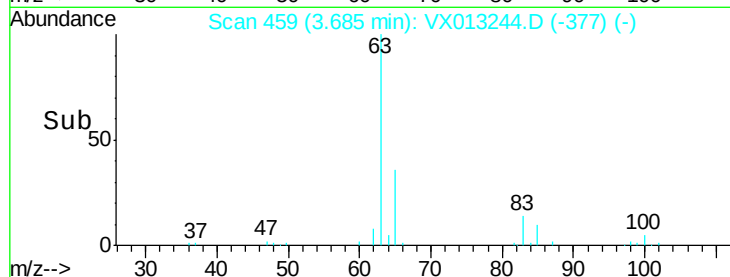
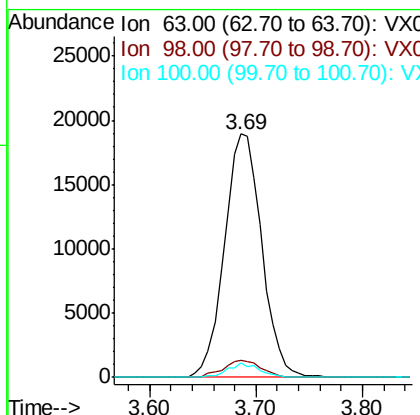
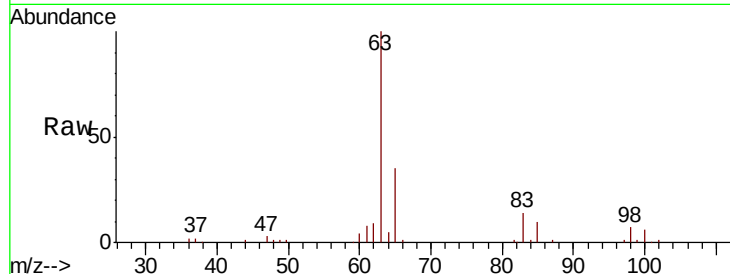
#21
 1,1-Dichloroethane
 Concen: 17.487 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.2	12.4
100	5.9	2.4	7.2

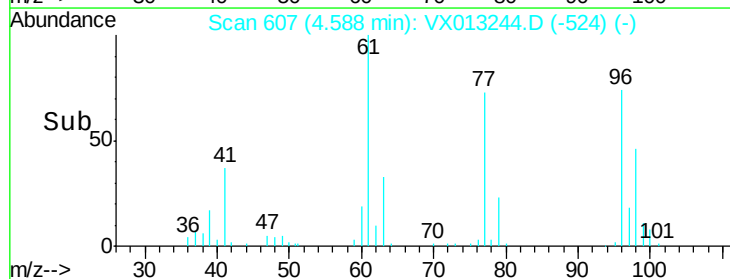
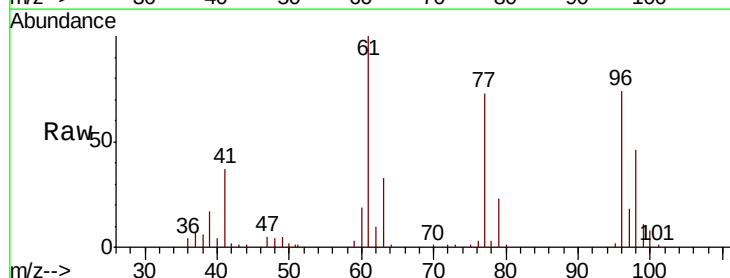
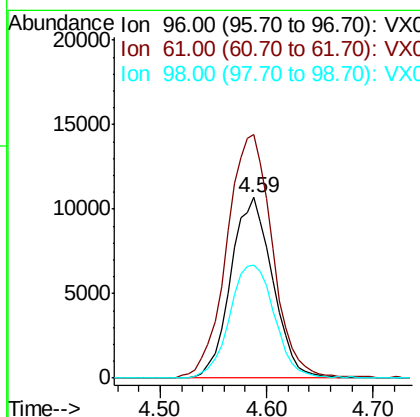
Manual Integrations
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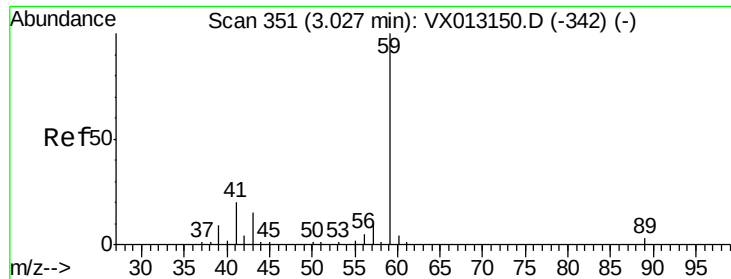
MMDadoda
 10/30/2019 12:07:42 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.099 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.3	112.5	168.7
98	67.2	51.2	76.8





#23

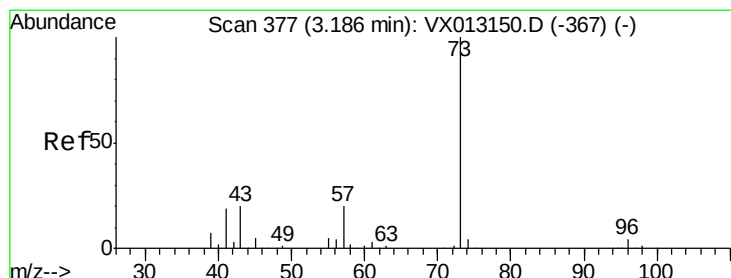
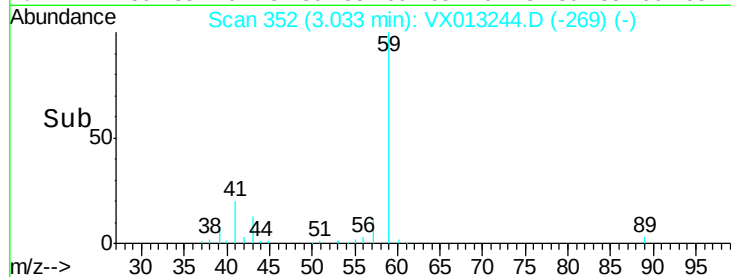
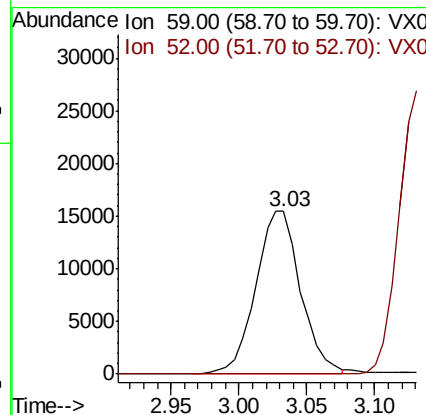
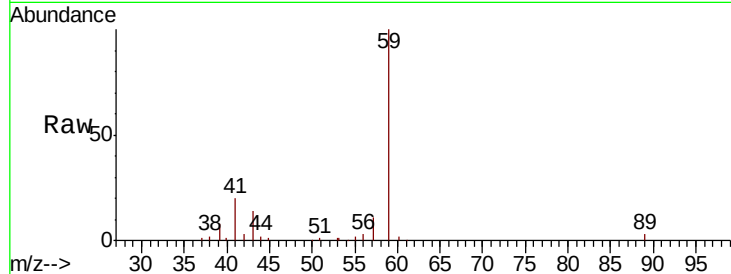
tert-Butyl Alcohol
 Concen: 88.587 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.0	0.0#

Manual Integrations
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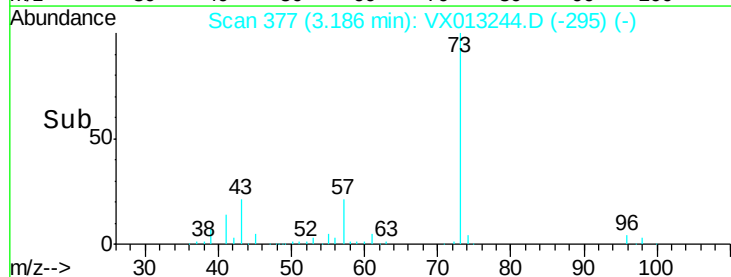
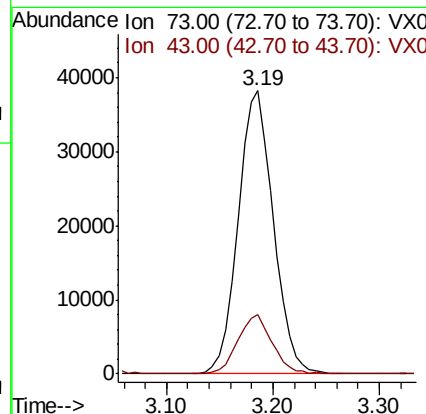
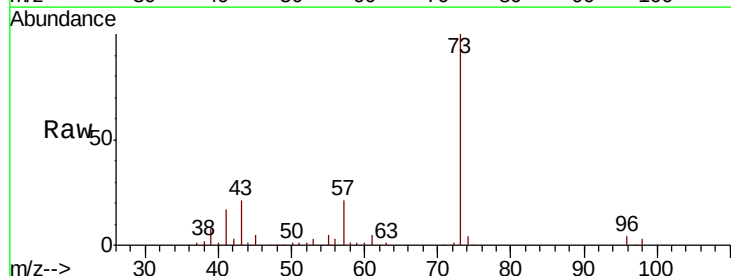
MMDadoda
 10/30/2019 12:07:42 PM

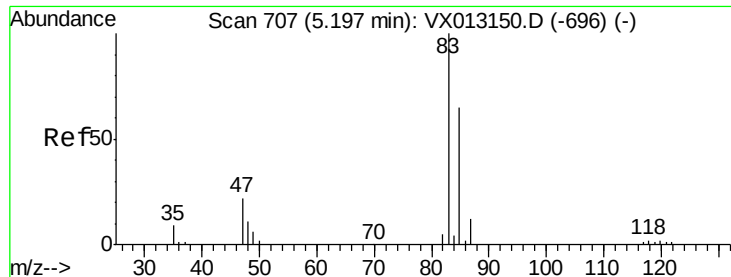


#24

Methyl tert-Butyl Ether
 Concen: 18.053 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.5	17.1	25.7





#25

Chloroform

Concen: 18.361 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 83 Resp: 51162

Ion Ratio Lower Upper

83 100

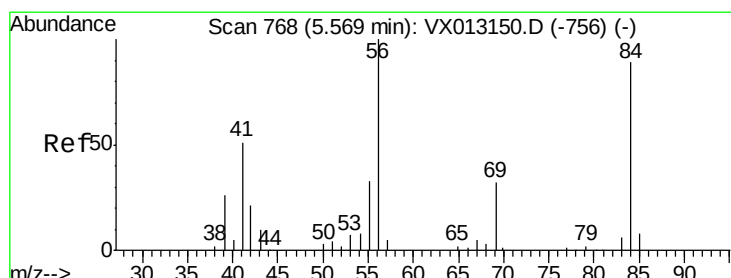
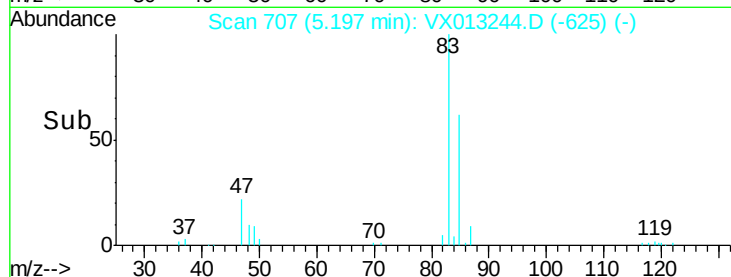
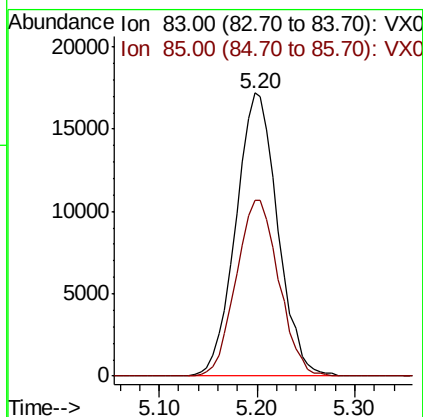
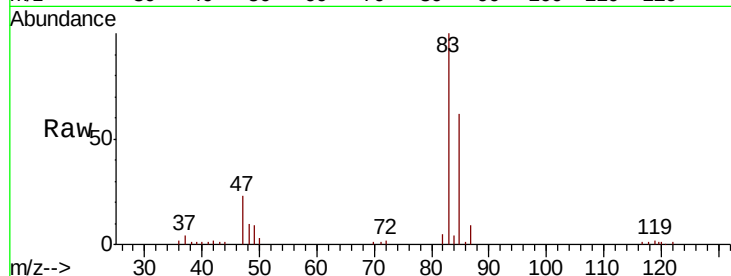
85 62.1 52.0 78.0

Manual Integrations

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#26

Cyclohexane

Concen: 16.323 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

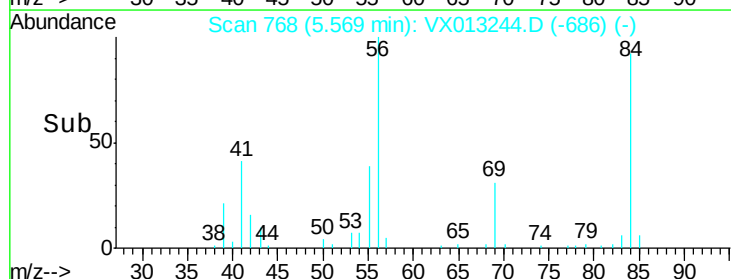
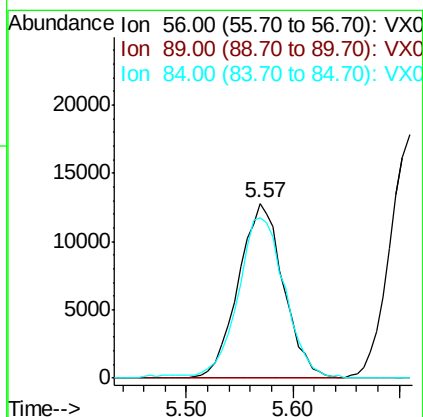
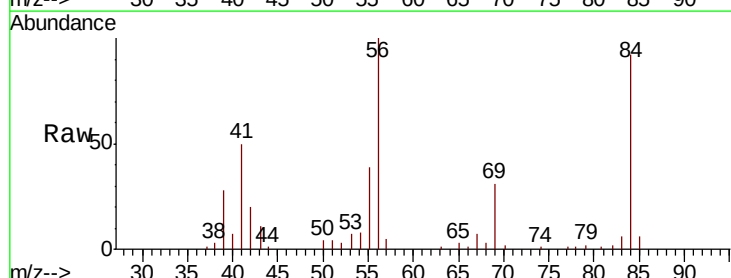
Tgt Ion: 56 Resp: 37979

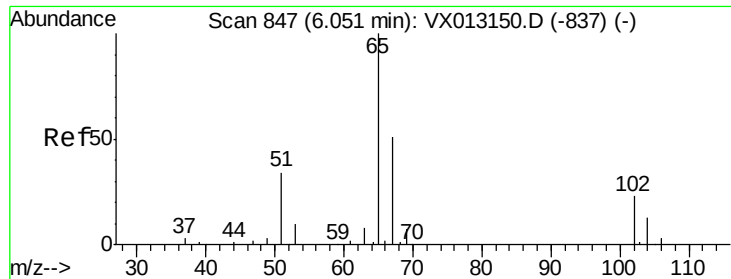
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 95.3 74.0 111.0





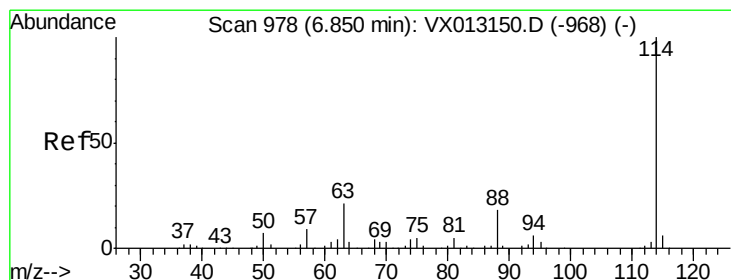
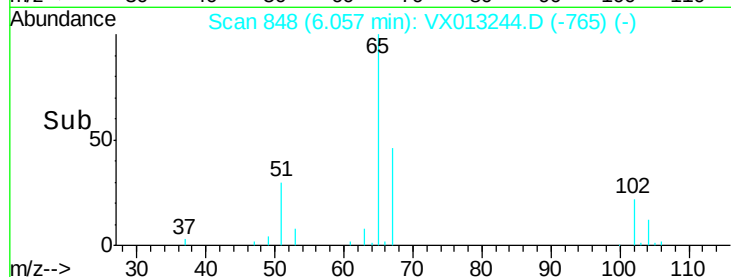
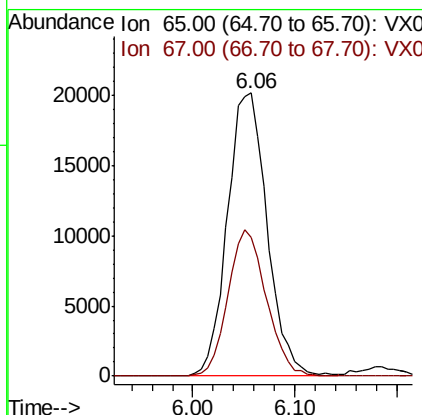
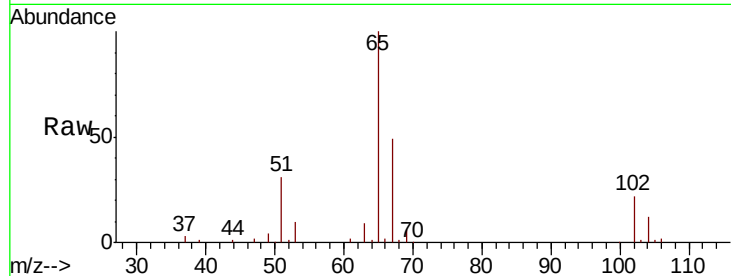
#27
 1,2-Dichloroethane-d4
 Concen: 29.927 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.9	42.2	63.4

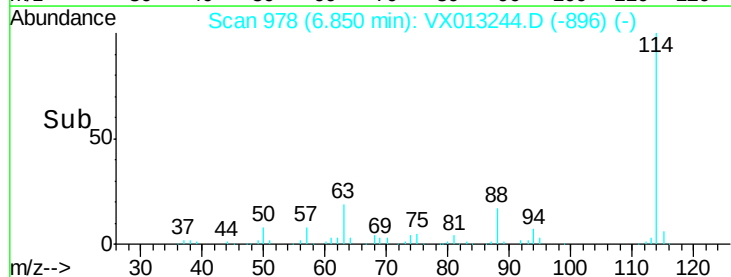
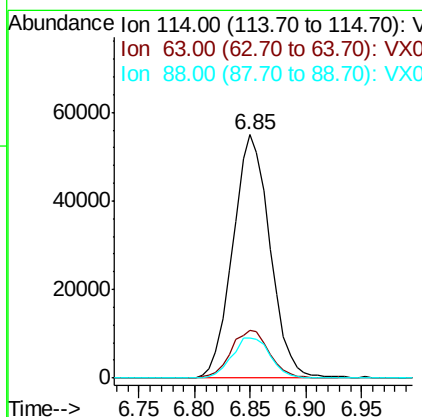
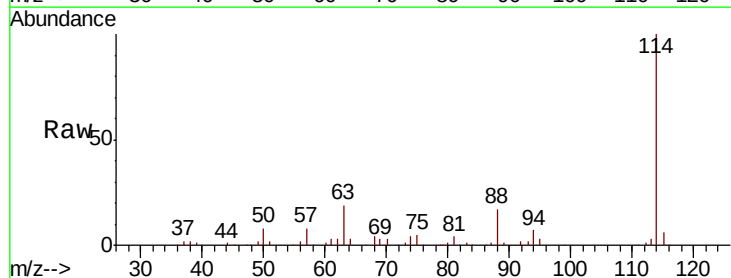
Manual Integrations
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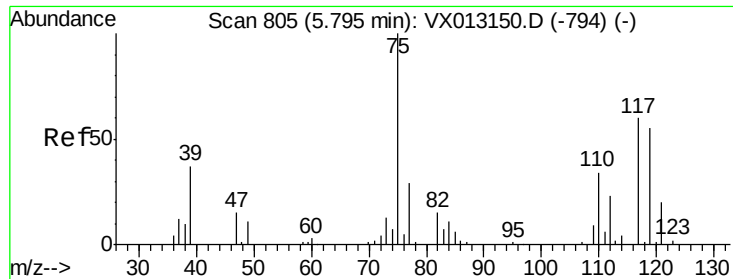
MMDadoda
 10/30/2019 12:07:42 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.4	13.7	20.5





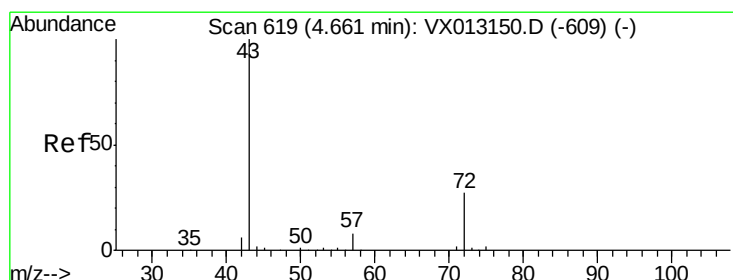
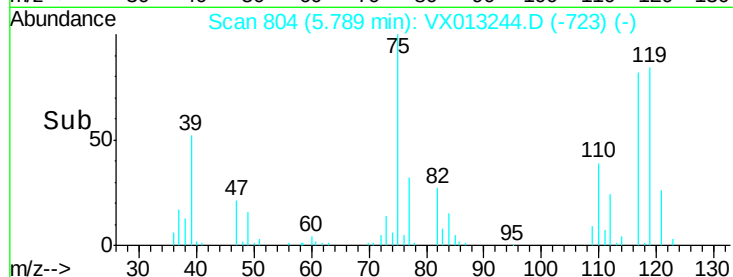
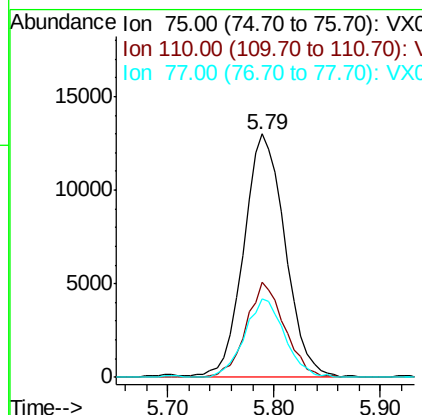
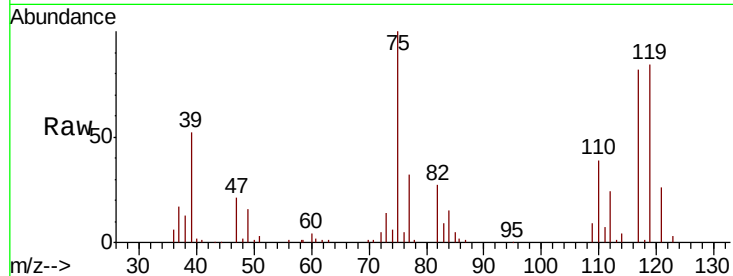
#29
 1,1-Dichloropropene
 Concen: 17.901 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	68.4
77	31.1	0.0	30.8#

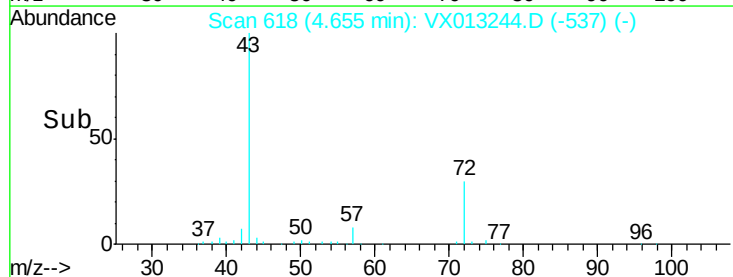
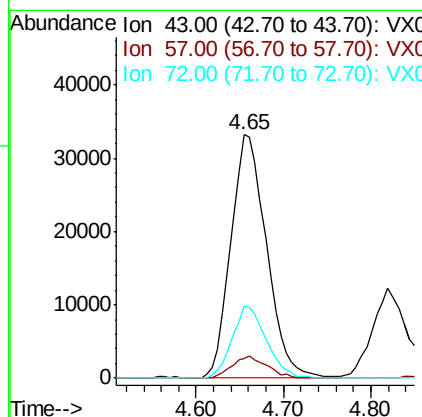
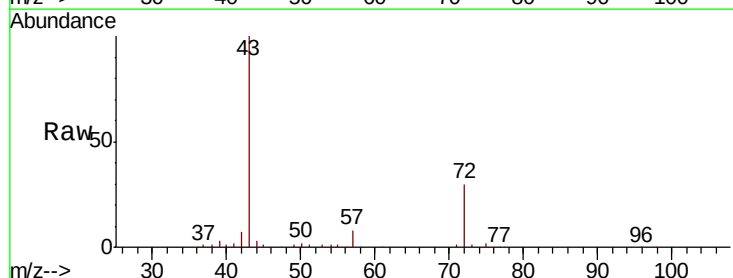
Manual Integrations
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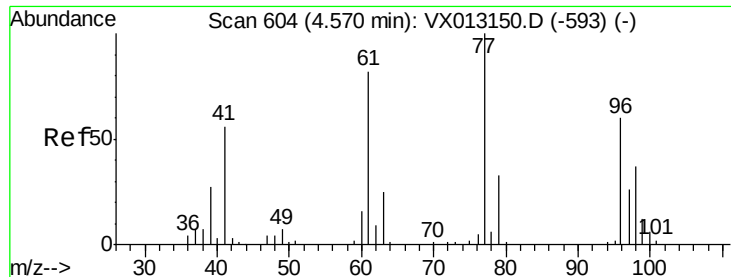
MMDadoda
 10/30/2019 12:07:42 PM



#30
 2-Butanone
 Concen: 90.845 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.0	10.6
72	28.1	23.4	35.2





#31

2,2-Dichloropropane

Concen: 19.537 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 77 Resp: 44686

Ion Ratio Lower Upper

77 100

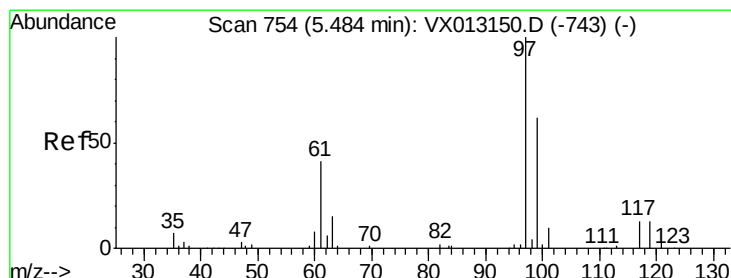
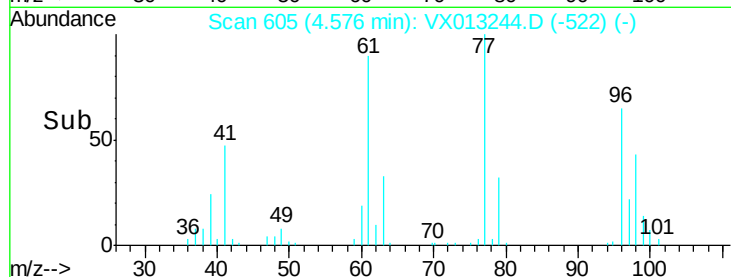
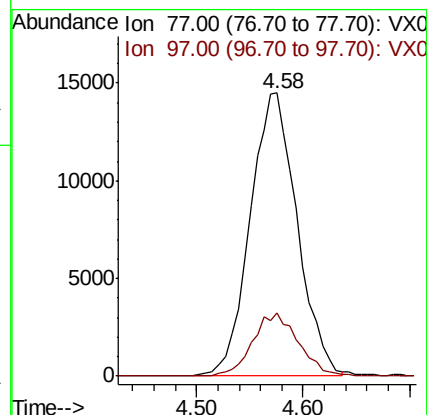
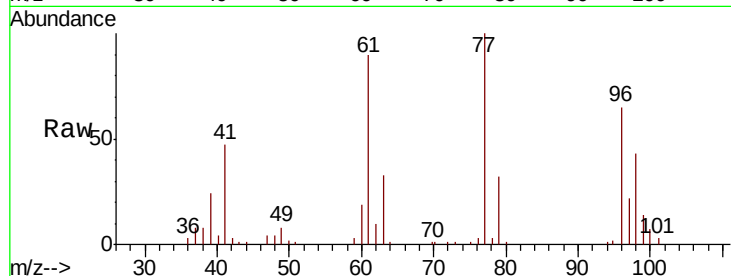
97 21.6 19.1 28.7

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#32

1,1,1-Trichloroethane

Concen: 19.650 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

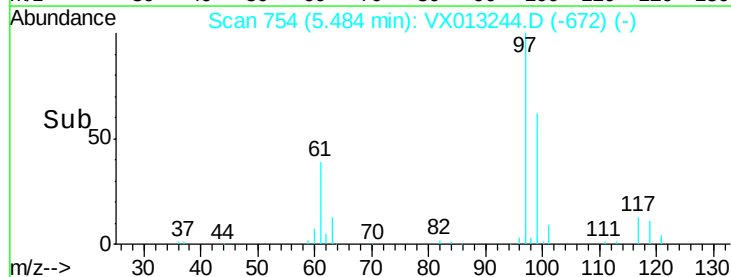
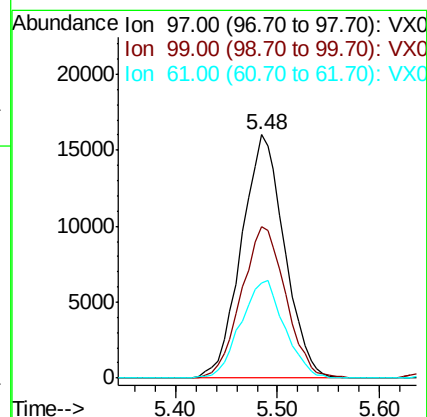
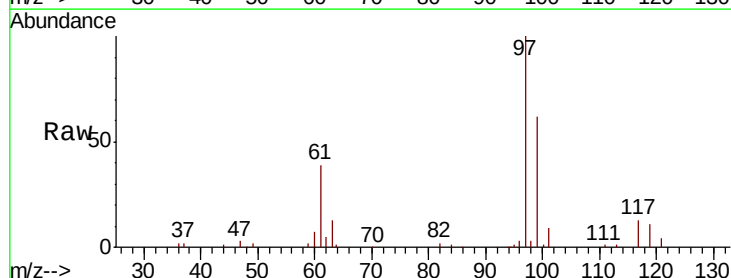
Tgt Ion: 97 Resp: 47040

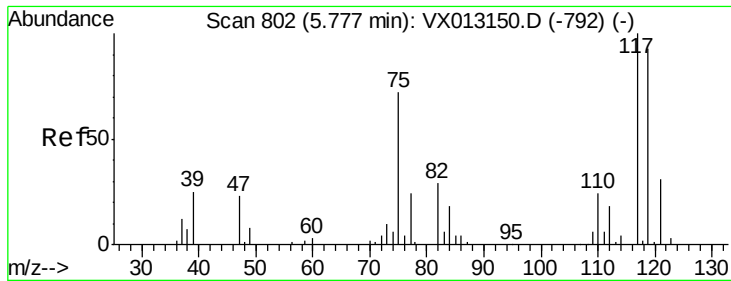
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 40.7 33.5 50.3





#33

Carbon Tetrachloride

Concen: 19.478 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion:117 Resp: 40076

Ion Ratio Lower Upper

117 100

119 90.0 74.9 112.3

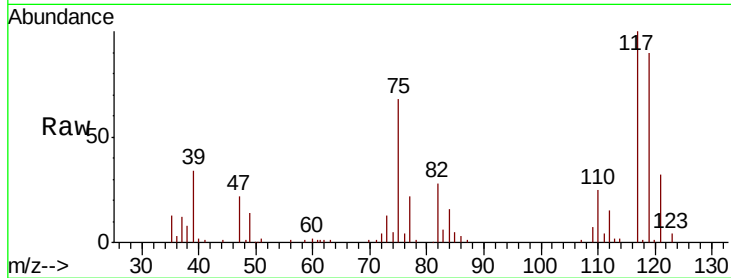
121 31.5 25.0 37.4

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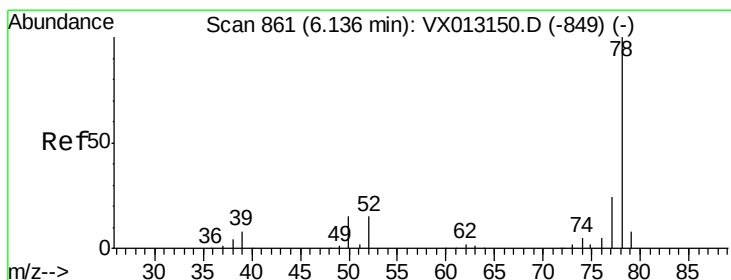
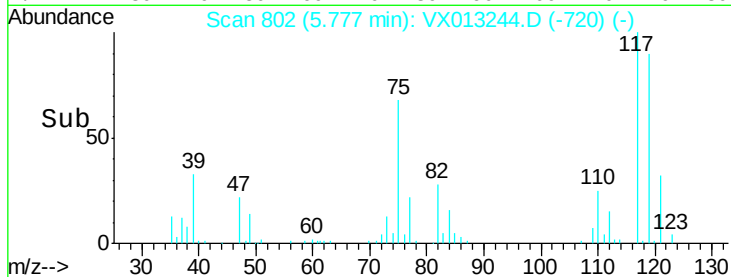
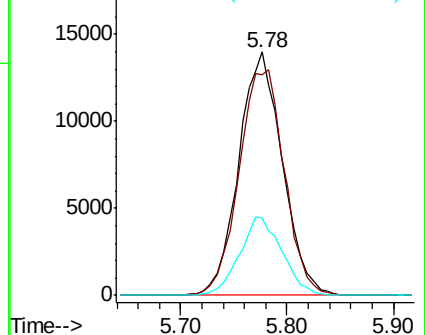
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.210 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

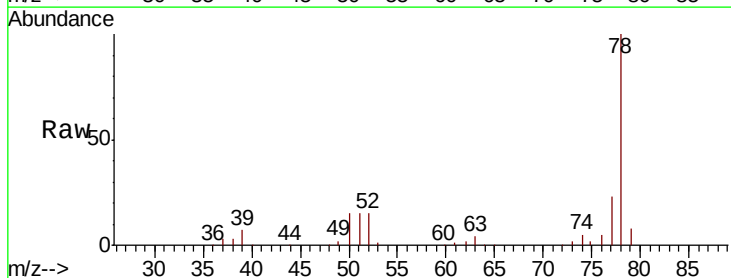
Tgt Ion: 78 Resp: 103716

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

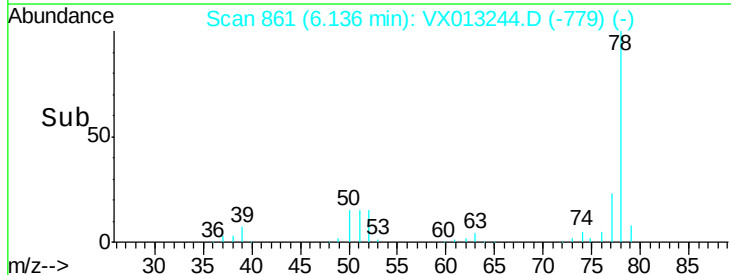
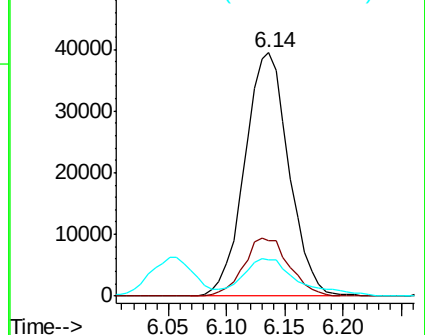
51 12.7 11.4 17.2

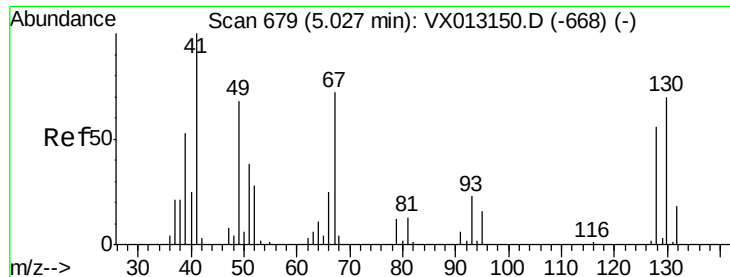


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





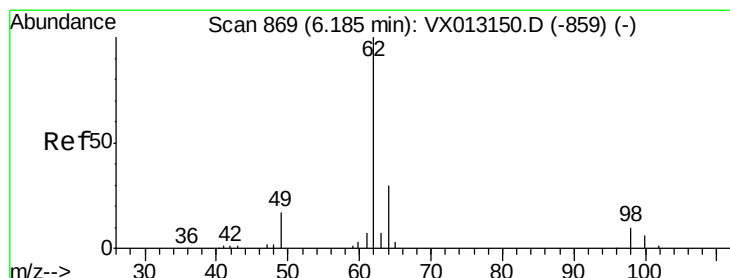
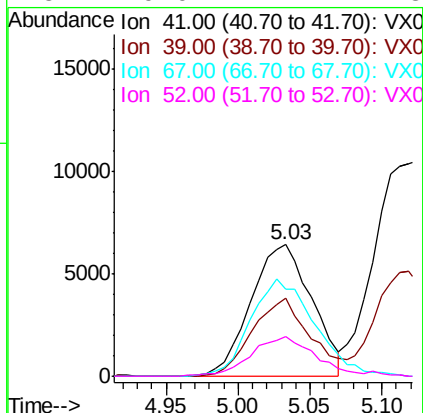
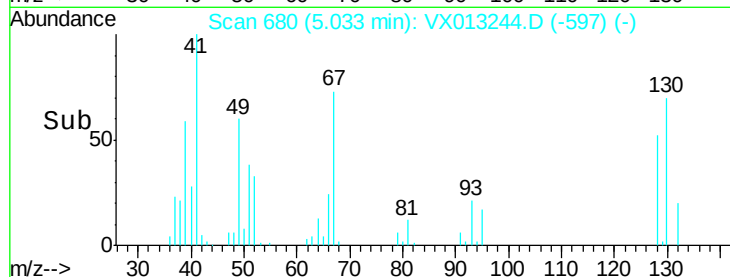
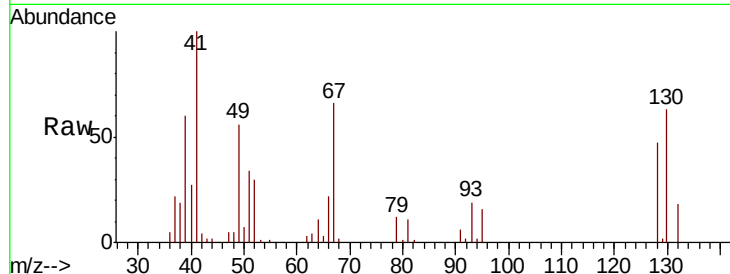
#35
Methacrylonitrile
Concen: 17.757 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.9	26.3	78.9	
67	66.2	35.8	107.4	
52	29.0	14.1	42.3	

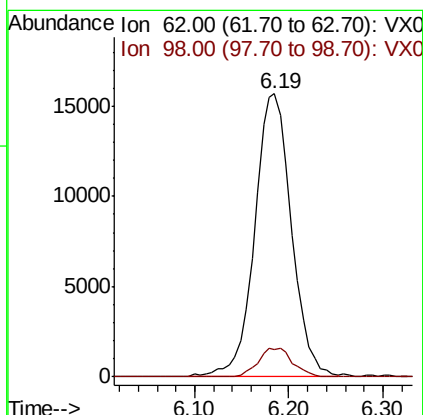
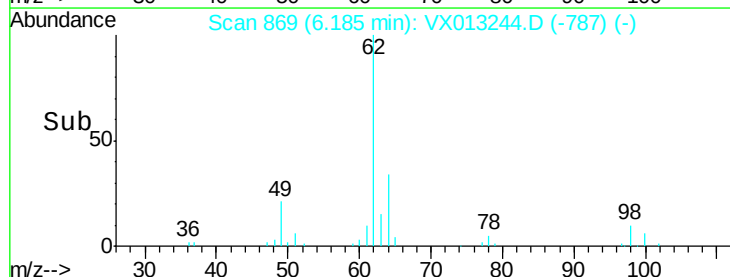
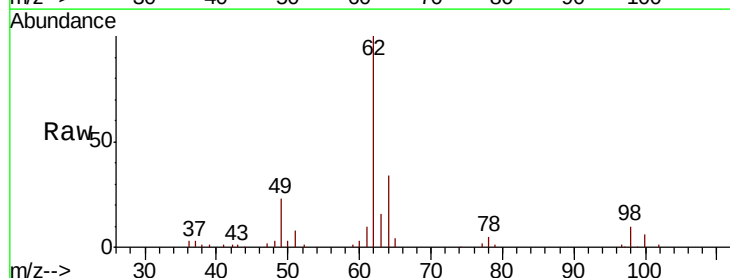
Manual Integrations
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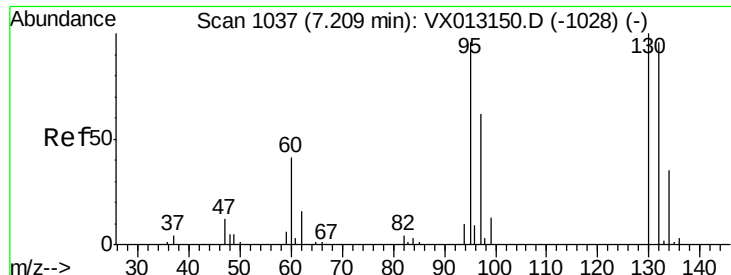
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#36
1,2-Dichloroethane
Concen: 19.940 ug/l
RT: 6.19 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	8.0	12.0	





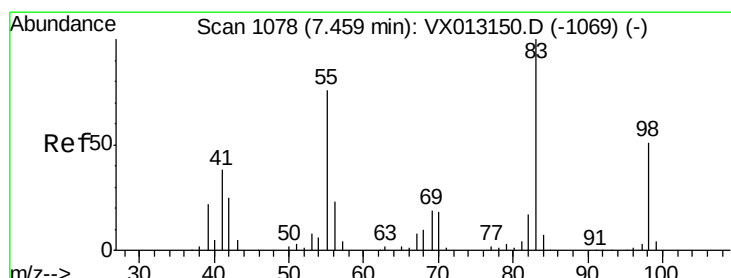
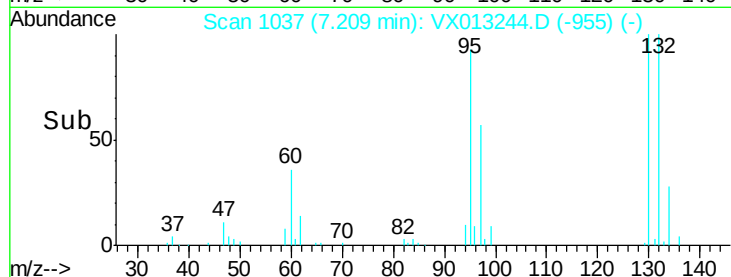
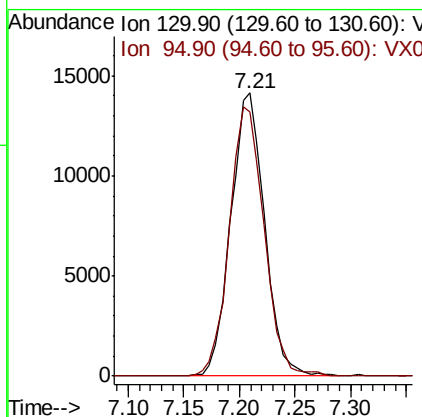
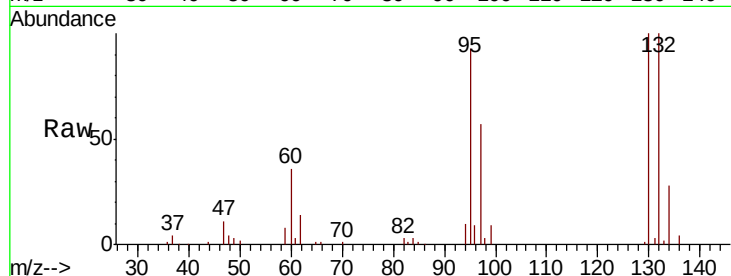
#37
 Trichloroethene
 Concen: 18.849 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion:130 Resp: 29776
 Ion Ratio Lower Upper
 130 100
 95 93.6 77.0 115.6

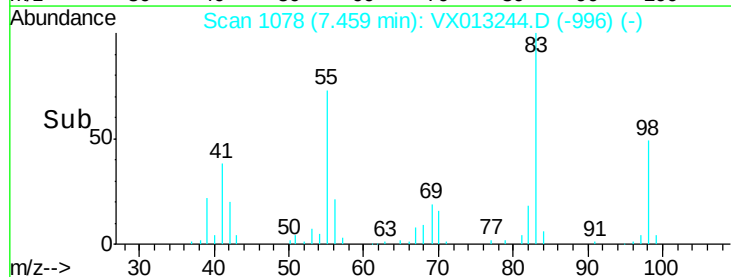
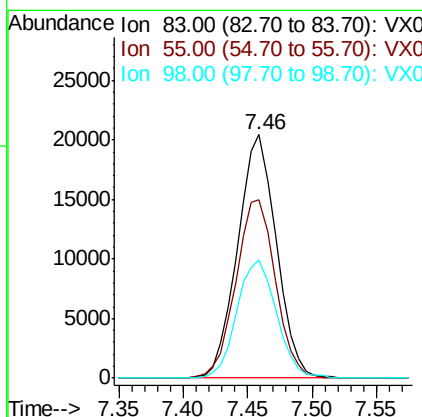
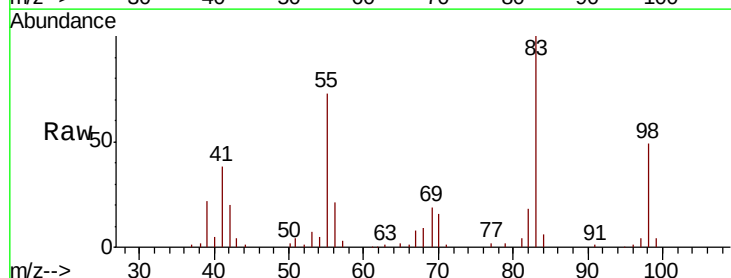
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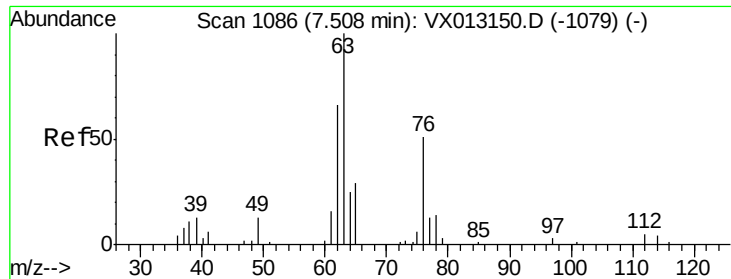
MMDadoda
 10/30/2019 12:07:42 PM



#38
 Methylcyclohexane
 Concen: 17.697 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 83 Resp: 42698
 Ion Ratio Lower Upper
 83 100
 55 74.6 37.5 112.5
 98 49.4 25.4 76.0





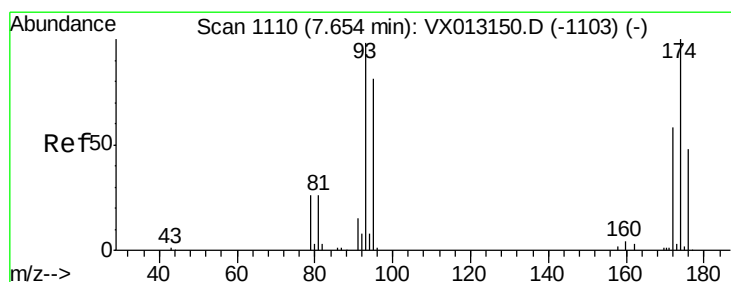
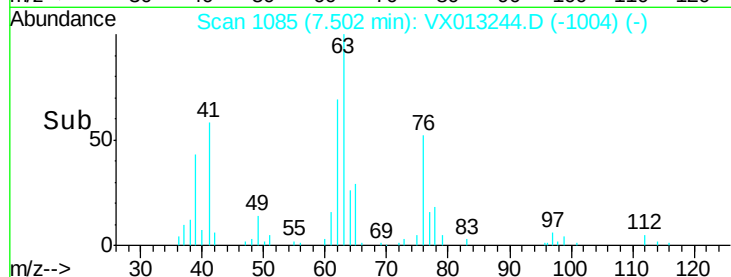
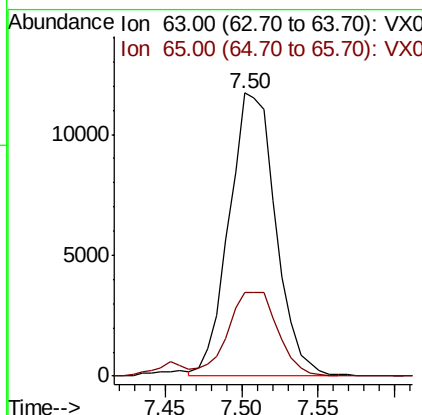
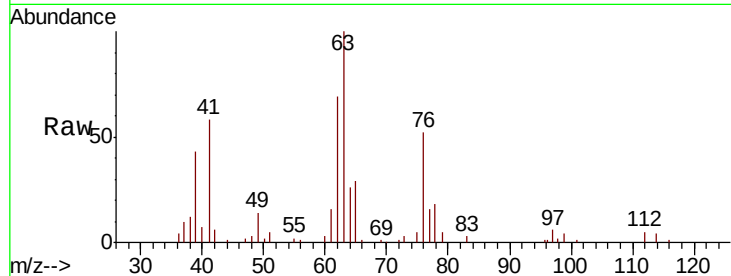
#39
 1,2-Dichloropropane
 Concen: 17.701 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion: 63 Resp: 24744
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2

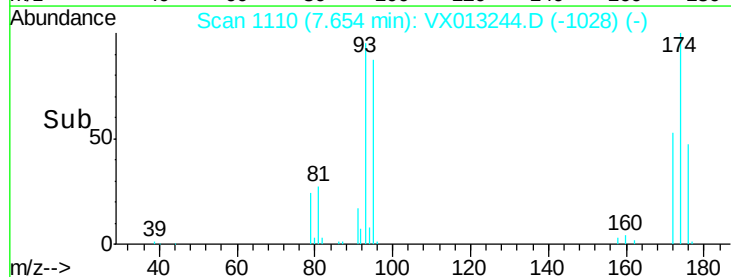
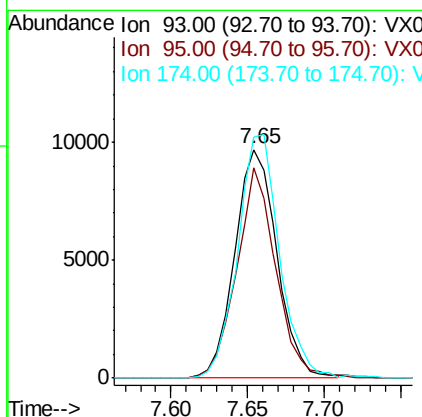
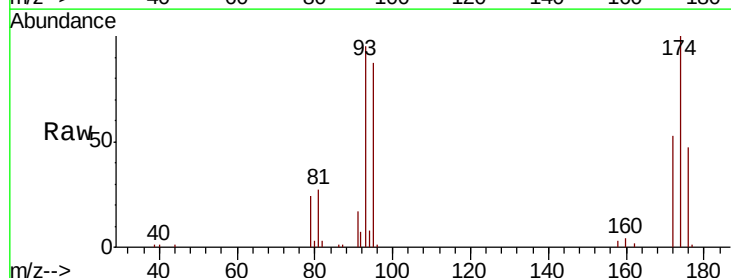
Manual Integrations
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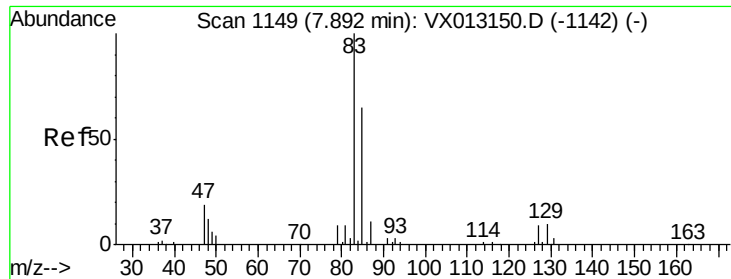
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#40
 Dibromomethane
 Concen: 18.623 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion: 93 Resp: 18595
 Ion Ratio Lower Upper
 93 100
 95 85.1 0.0 166.0
 174 105.5 0.0 208.8





#41

Bromodichloromethane

Concen: 18.727 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

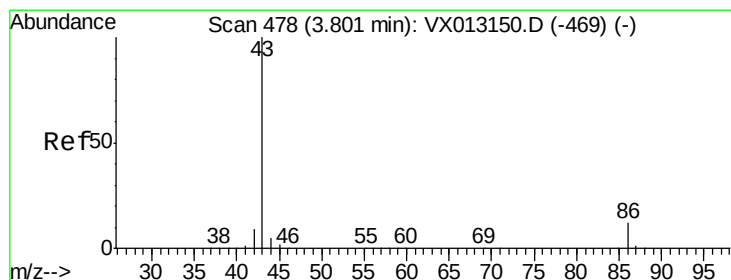
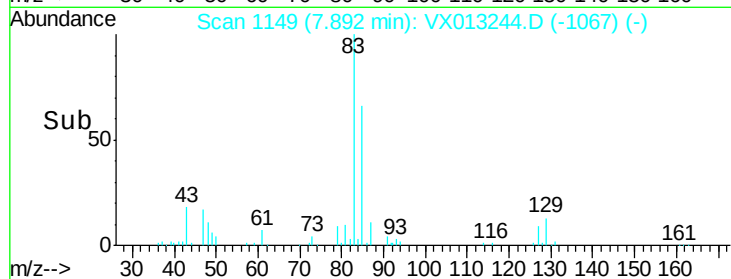
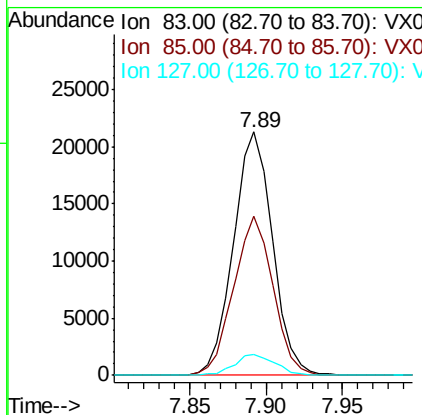
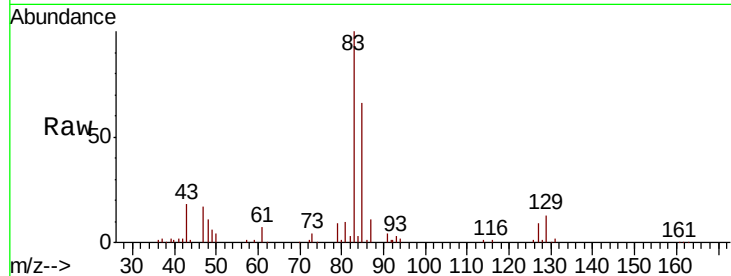
ClientSampleId :

VX1028WBS02

Tot Ion:	83	Resp:	37705
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.1	78.1
127	8.7	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 88.888 ug/l

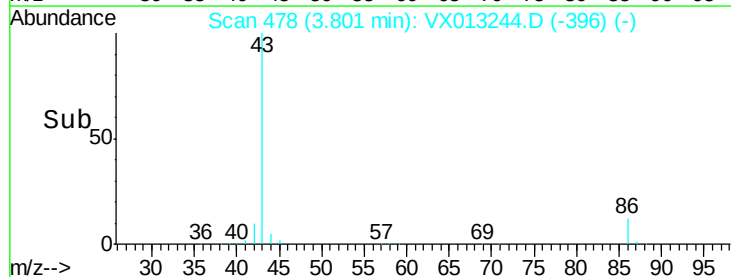
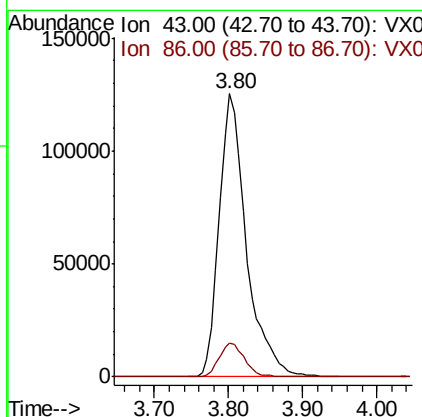
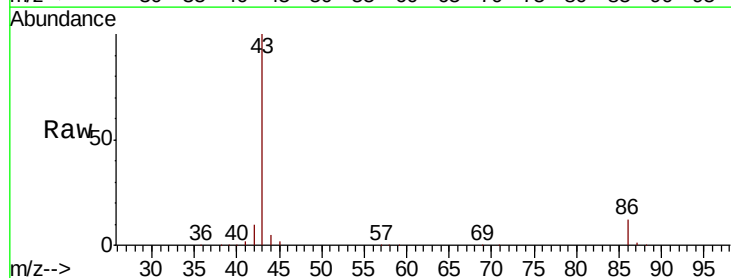
RT: 3.80 min Scan# 478

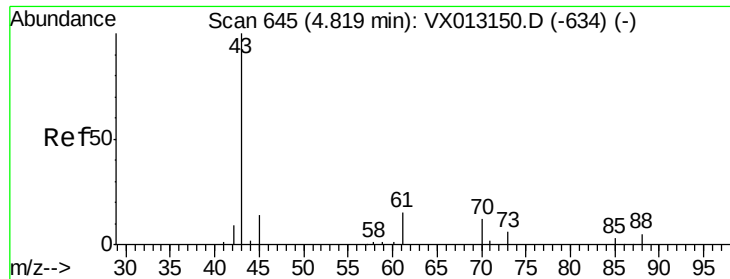
Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Tgt Ion:	43	Resp:	319871
Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.6	12.8





#43

Ethyl Acetate

Concen: 17.190 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 43 Resp: 32536

Ion Ratio Lower Upper

43 100

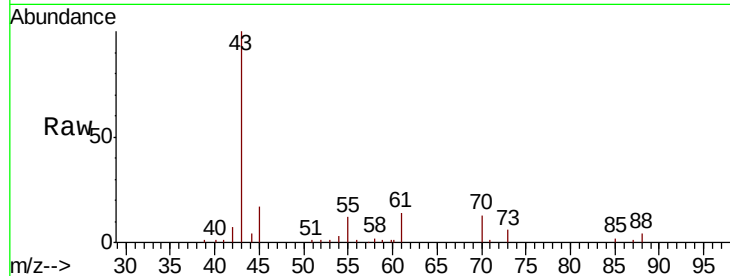
45 16.3 12.6 18.8

Manual Integrations

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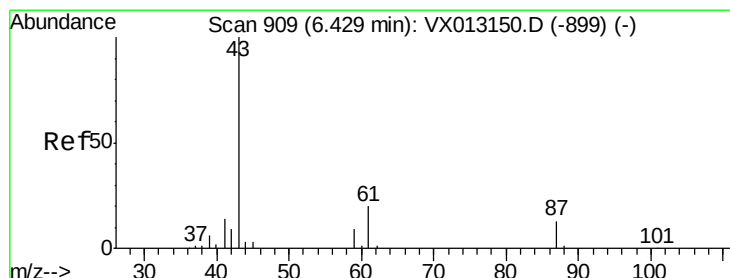
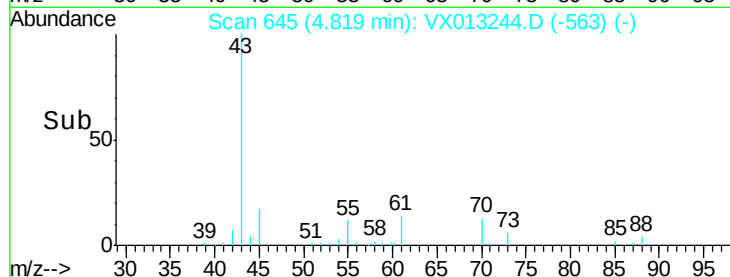
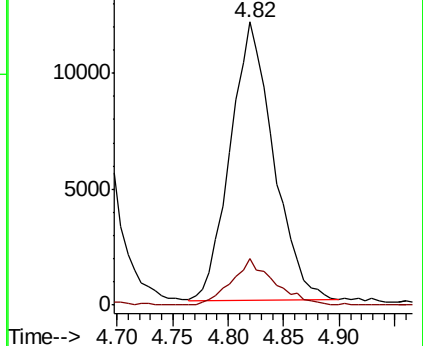
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.118 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX013244.D

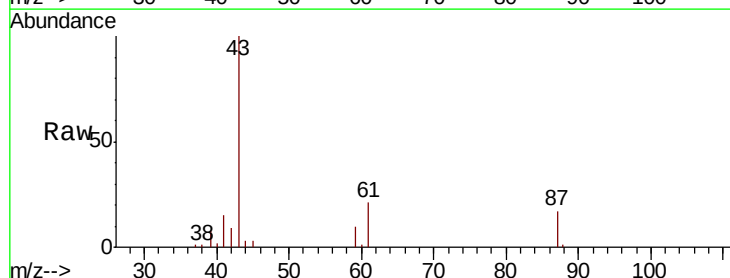
Acq: 28 Oct 2019 13:43

Tgt Ion: 43 Resp: 57633

Ion Ratio Lower Upper

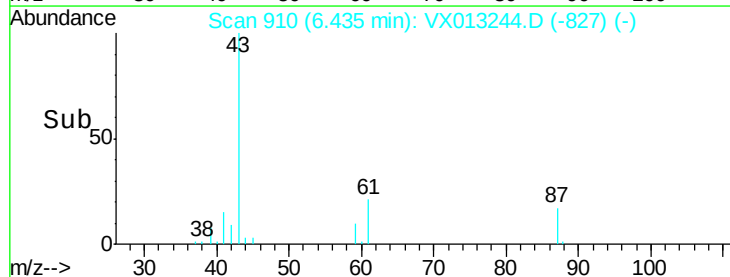
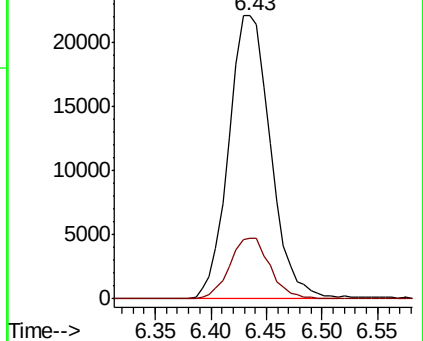
43 100

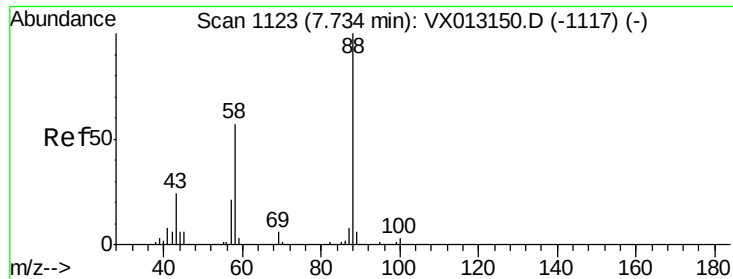
61 20.7 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





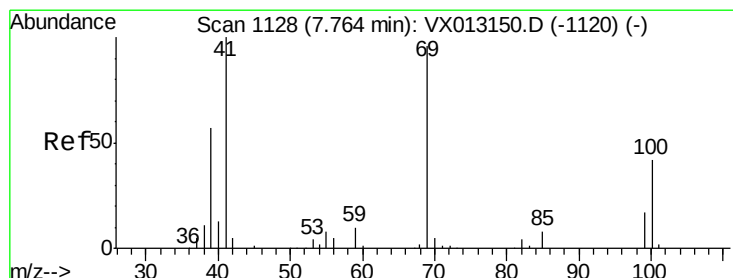
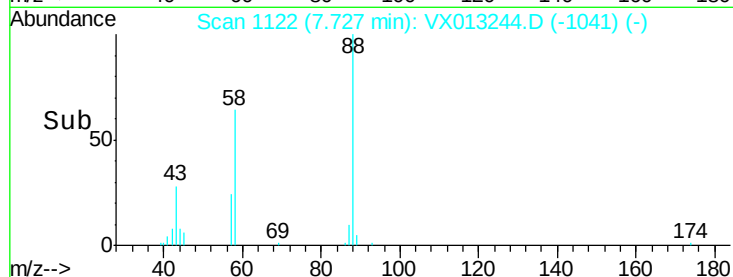
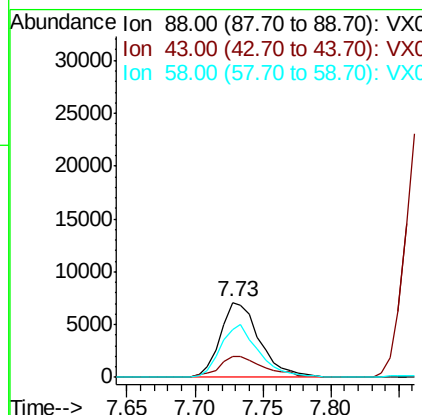
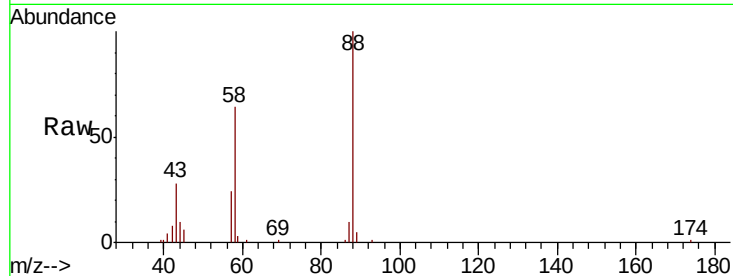
#45
 1,4-Dioxane
 Concen: 353.102 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	24.0	36.0
58	68.6	52.8	79.2

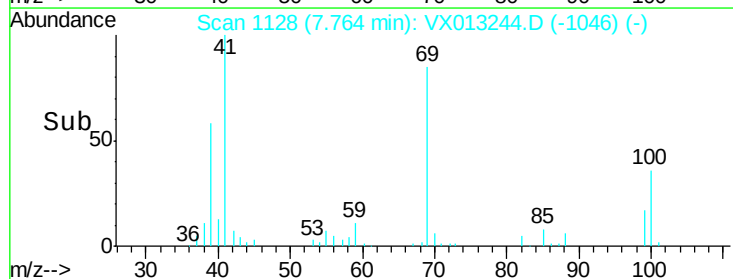
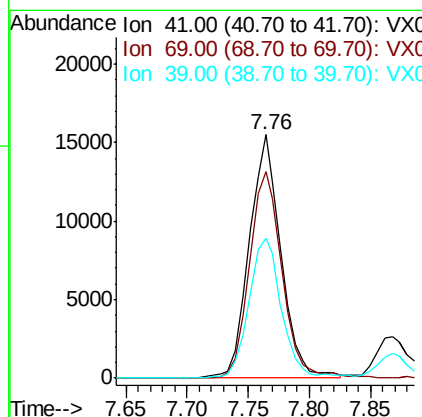
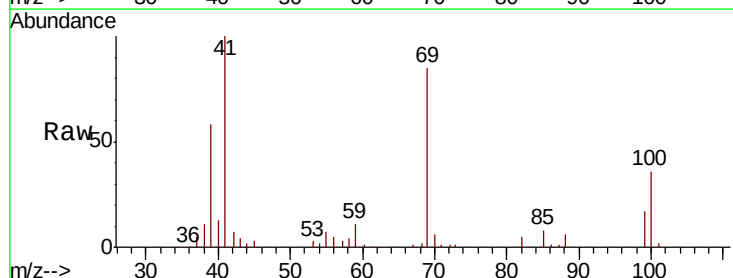
Manual Integrations
 APPROVED

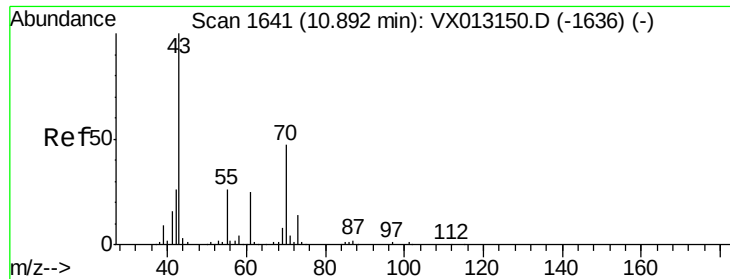
MMDadoda
 10/30/2019 12:07:42 PM



#46
 Methyl methacrylate
 Concen: 17.793 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.0	47.8	143.3
39	57.7	28.5	85.5





#47

n-amvl Acetate

Concen: 17.322 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 43 Resp: 46447

Ion Ratio Lower Upper

43 100

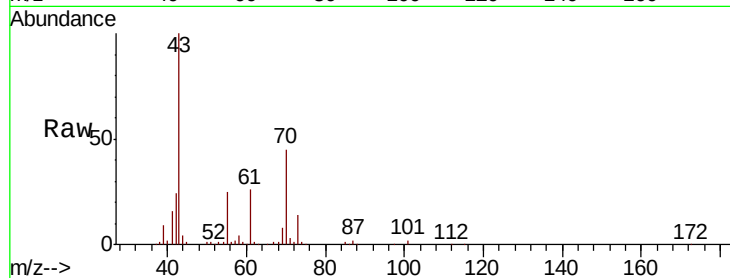
55 27.0 20.9 31.3

Manual Integrations

APPROVED

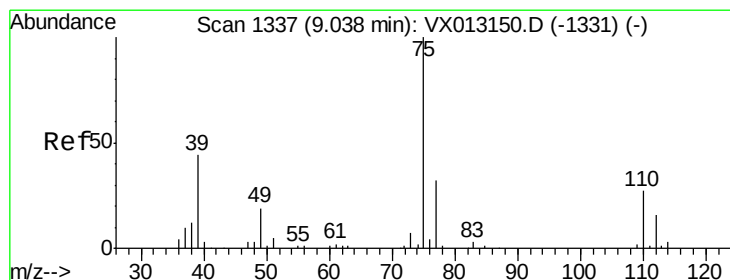
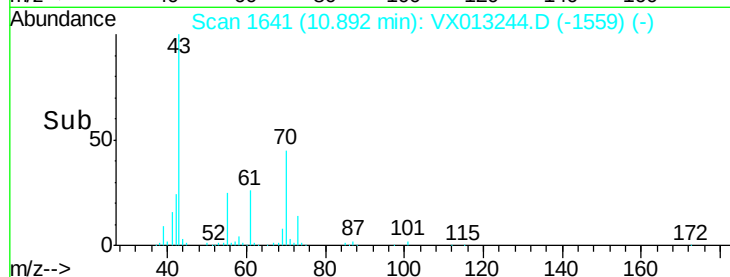
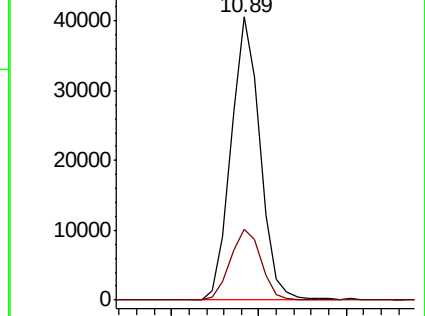
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.173 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013244.D

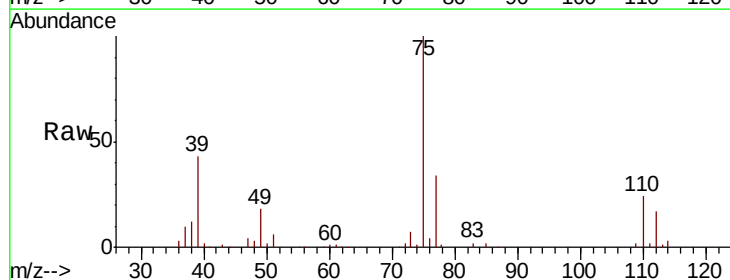
Acq: 28 Oct 2019 13:43

Tgt Ion: 75 Resp: 40135

Ion Ratio Lower Upper

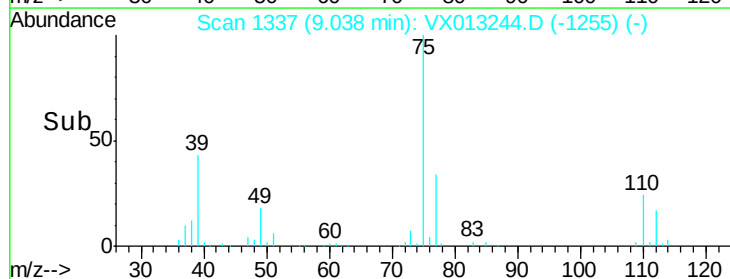
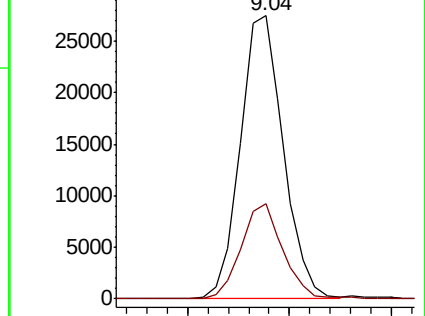
75 100

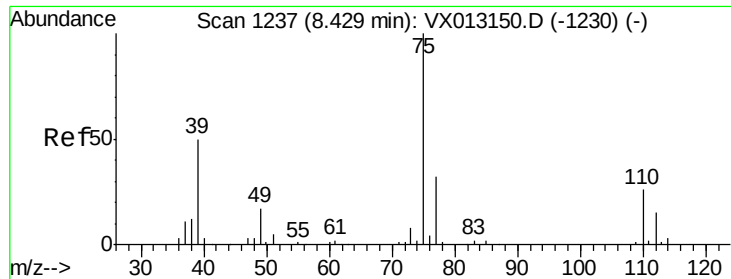
77 33.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





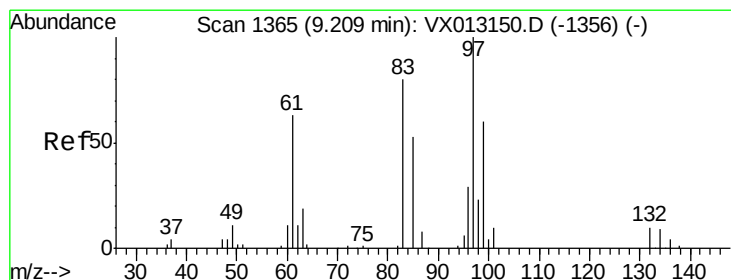
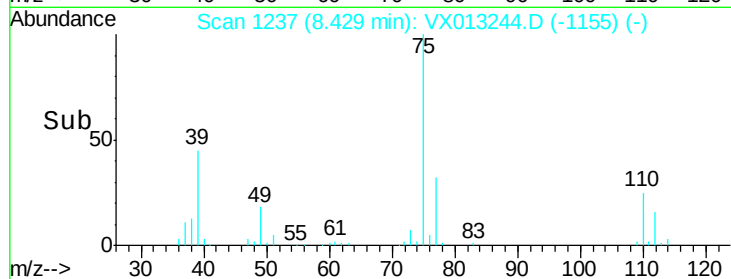
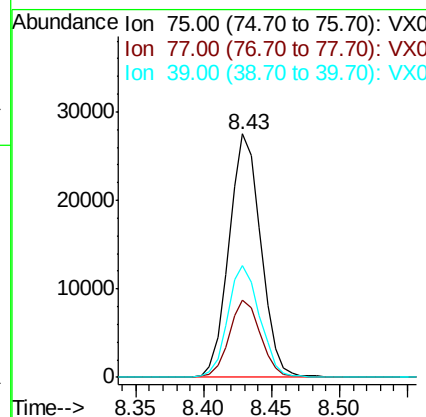
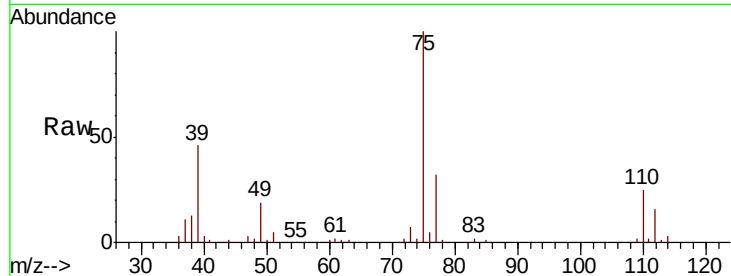
#49
 cis-1,3-Dichloropropene
 Concen: 18.620 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.8
39	45.7	39.7	59.5

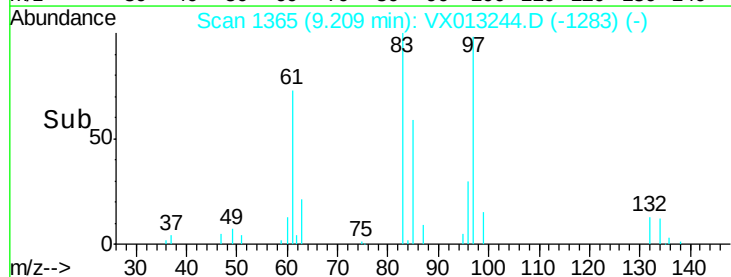
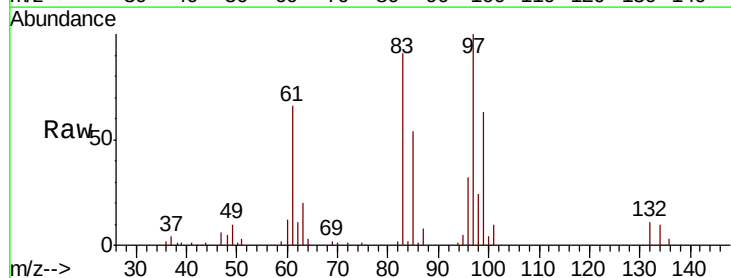
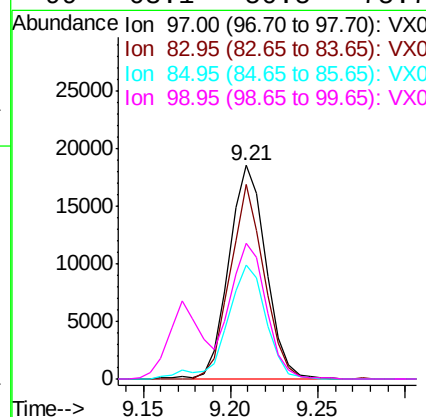
Manual Integrations
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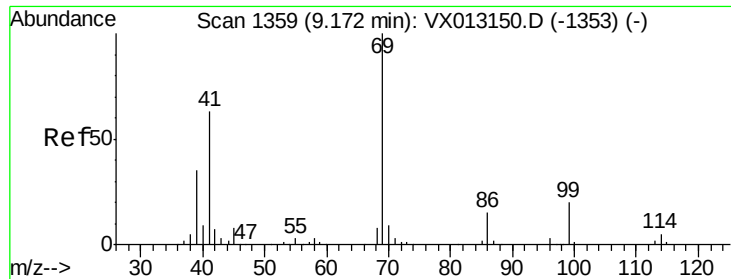
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 18.493 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	64.2	96.4
85	53.5	42.7	64.1
99	63.1	50.5	75.7





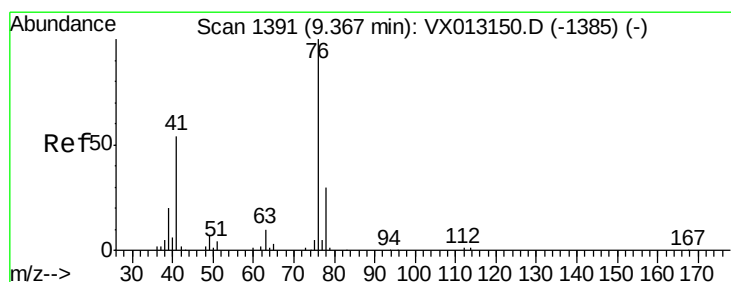
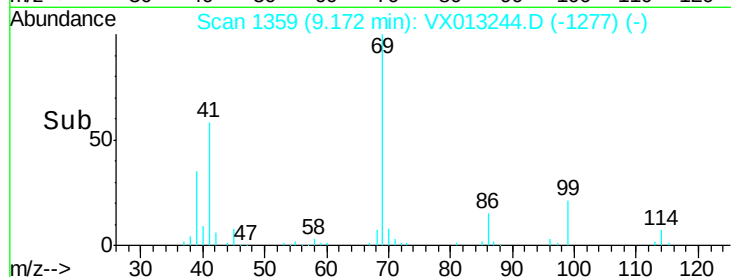
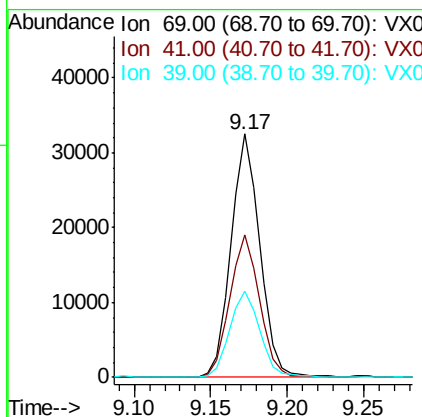
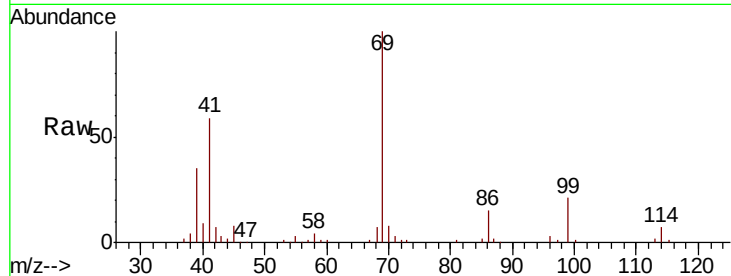
#51
Ethyl methacrylate
Concen: 18.413 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
69	100		
41	58.7	31.6	95.0
39	35.0	17.7	53.1

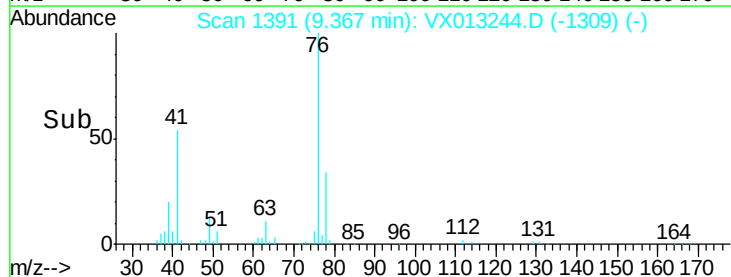
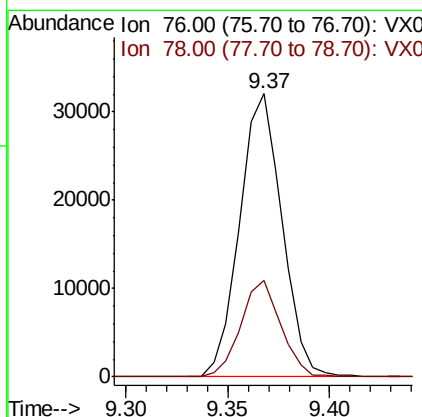
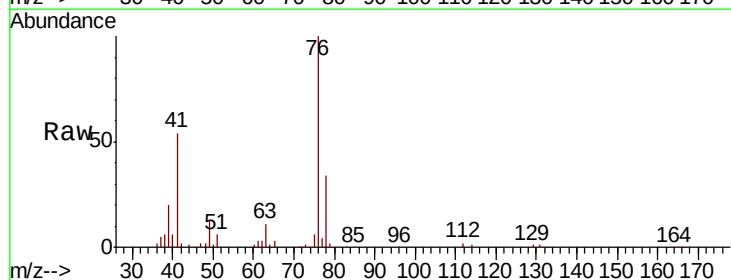
Manual Integrations
APPROVED

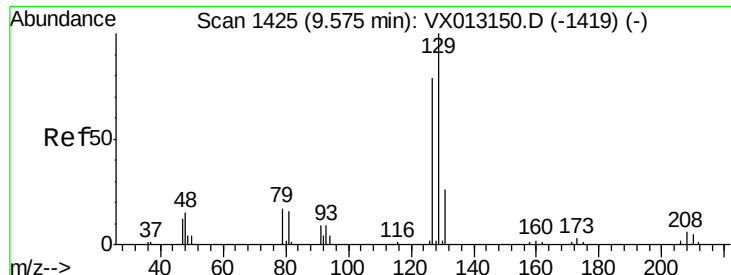
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#52
1,3-Dichloropropane
Concen: 18.630 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	64.6





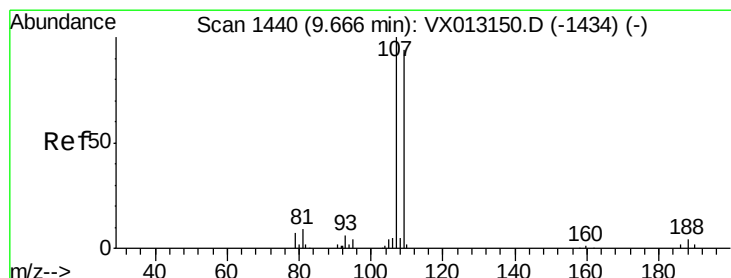
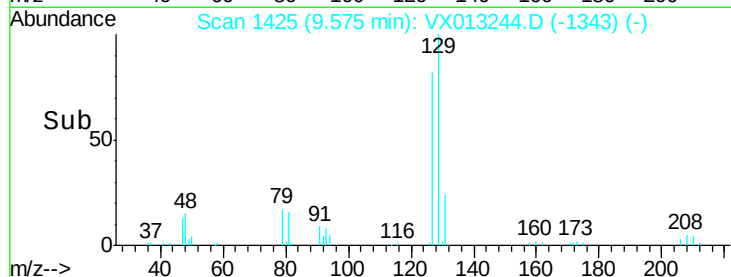
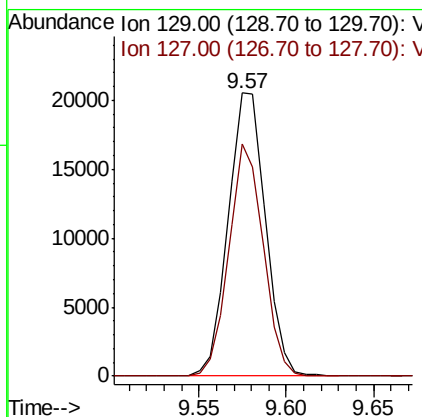
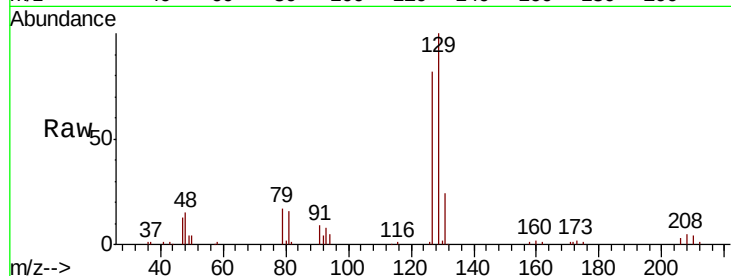
#53
Dibromochloromethane
Concen: 19.178 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion:129 Resp: 30505
Ion Ratio Lower Upper
129 100
127 75.5 39.4 118.2

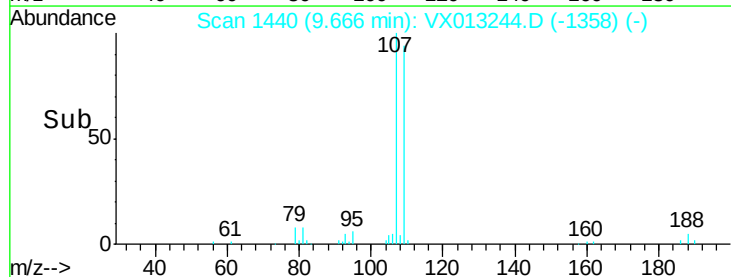
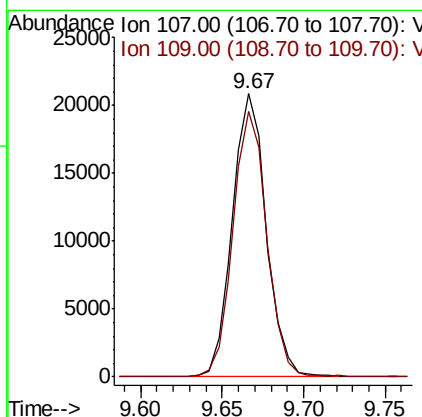
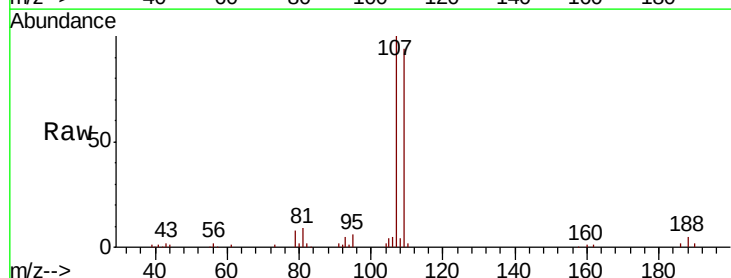
Manual Integrations
APPROVED

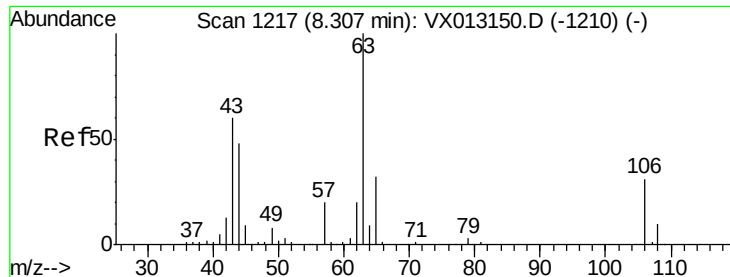
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#54
1,2-Dibromoethane
Concen: 19.080 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion:107 Resp: 30083
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.0





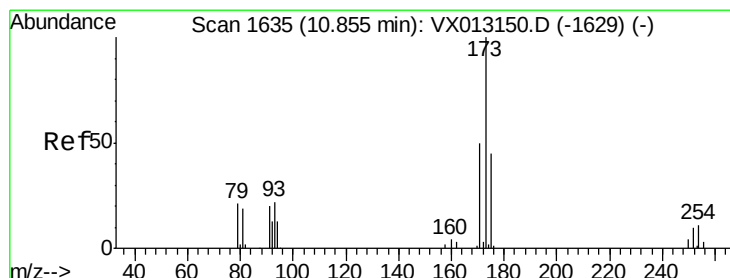
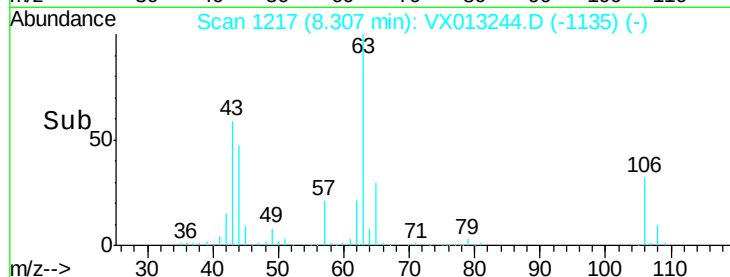
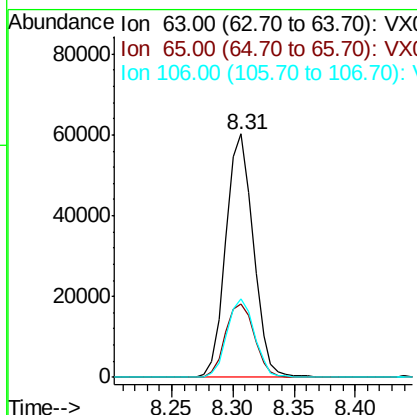
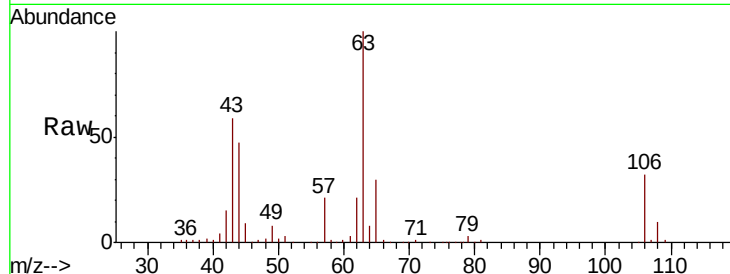
#55
2-Chloroethyl vinyl ether
Concen: 99.905 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	32.2	24.8	37.2

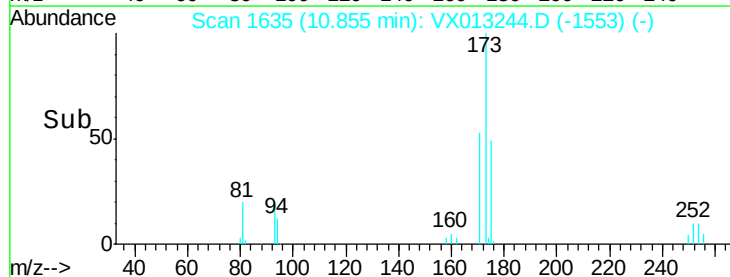
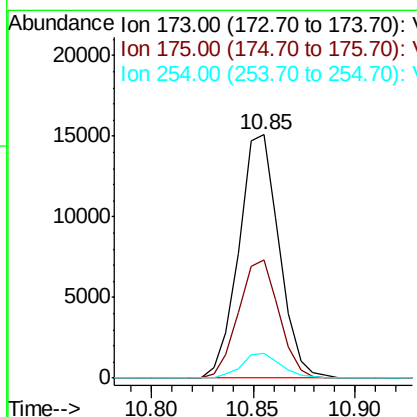
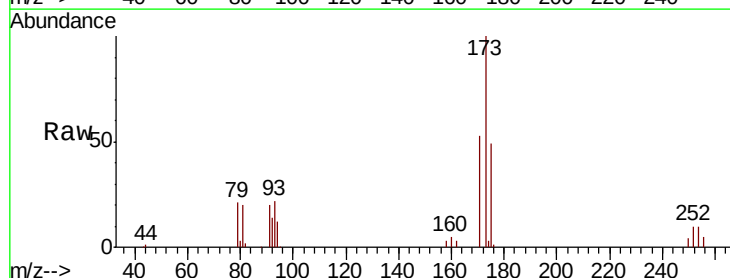
Manual Integrations
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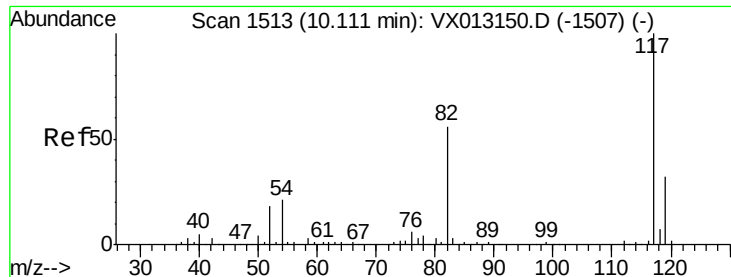
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#56
Bromoform
Concen: 18.357 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	10.0	8.1	12.1





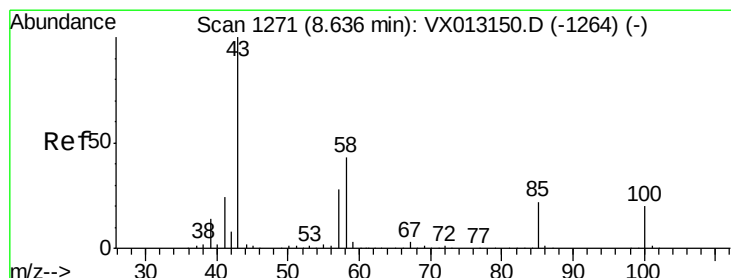
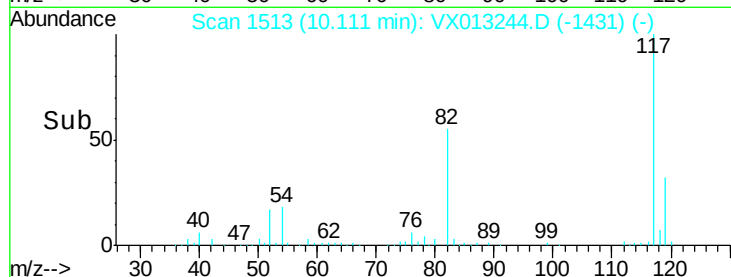
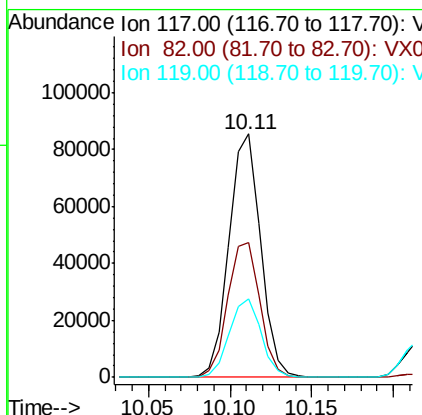
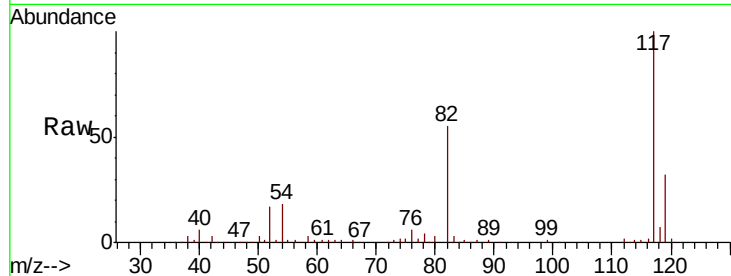
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.0	69.0
119	32.4	25.4	38.0

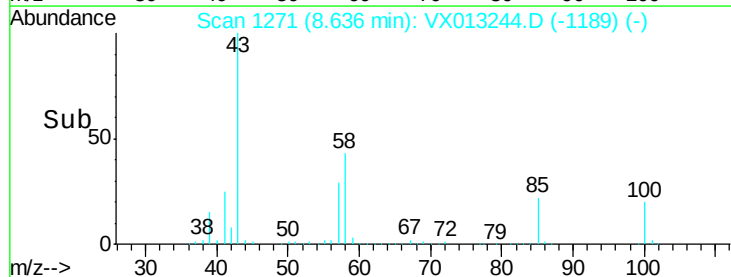
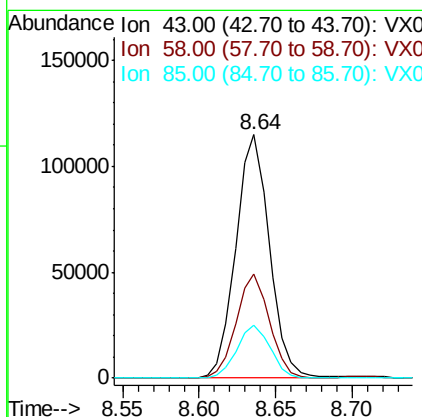
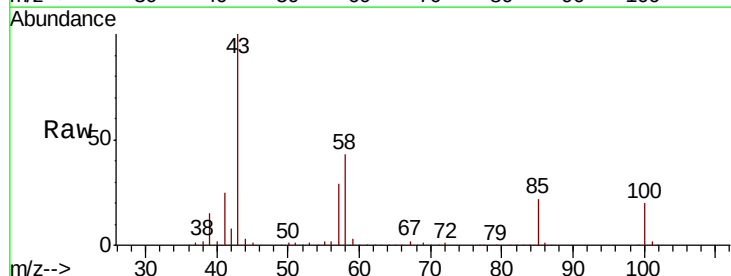
Manual Integrations
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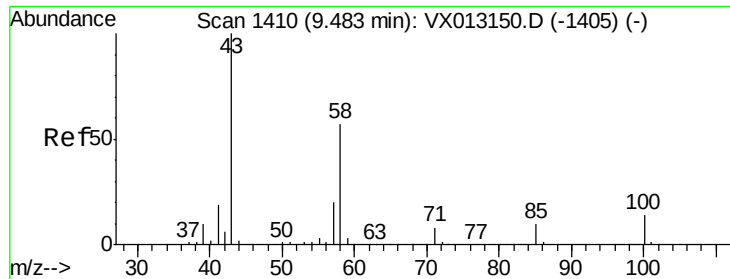
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 90.090 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.3	33.8	50.8
85	21.7	16.8	25.2





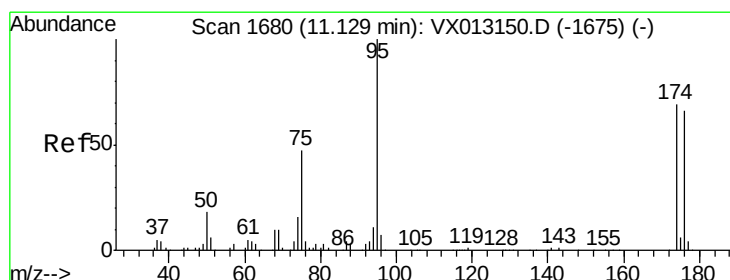
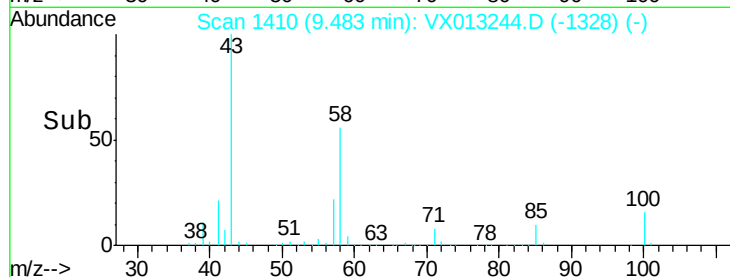
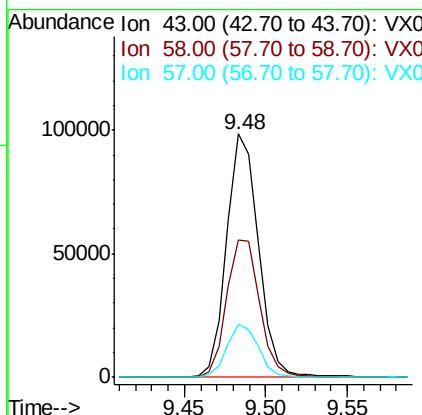
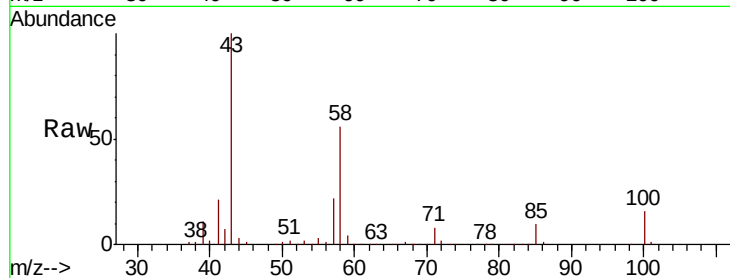
#59
2-Hexanone
Concen: 87.818 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.8	46.6	69.8
57	21.8	16.9	25.3

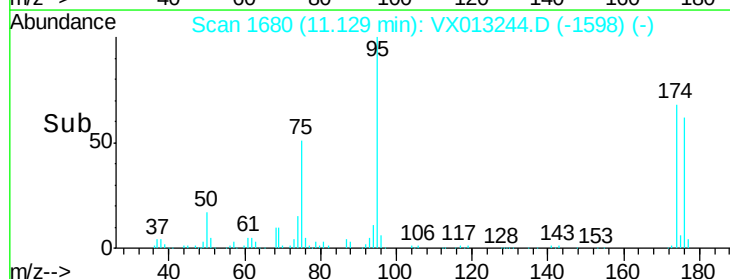
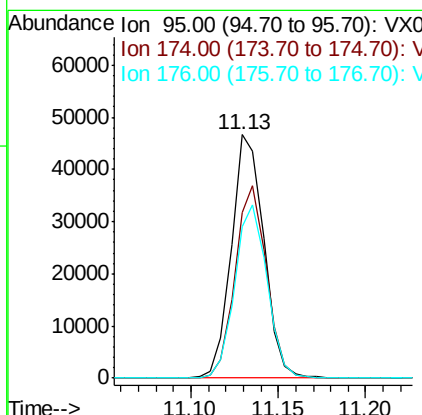
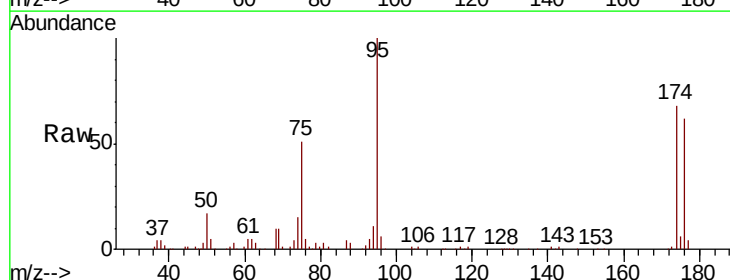
Manual Integrations
APPROVED

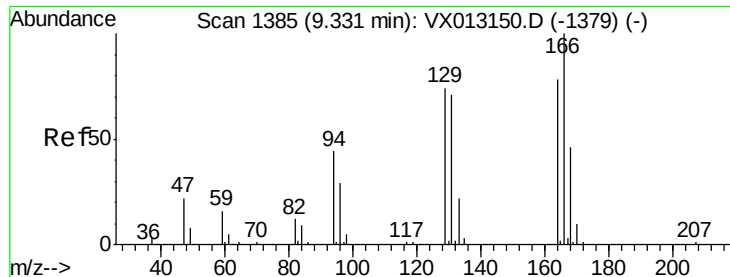
MMDadoda
10/30/2019 12:07:42 PM



#60
4-Bromofluorobenzene
Concen: 30.018 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	60.0	90.0
176	70.6	58.5	87.7





#61

Tetrachloroethene

Concen: 19.168 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion:164 Resp: 29309

Ion Ratio Lower Upper

164 100

166 122.4 102.6 153.8

129 98.0 75.7 113.5

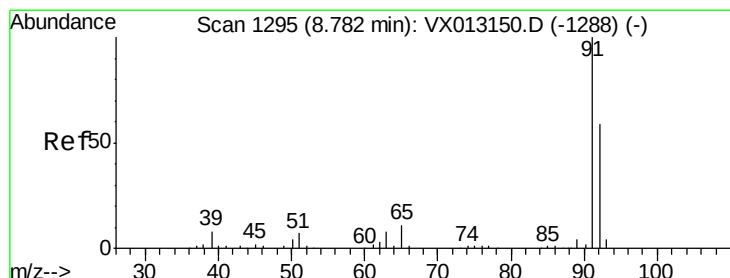
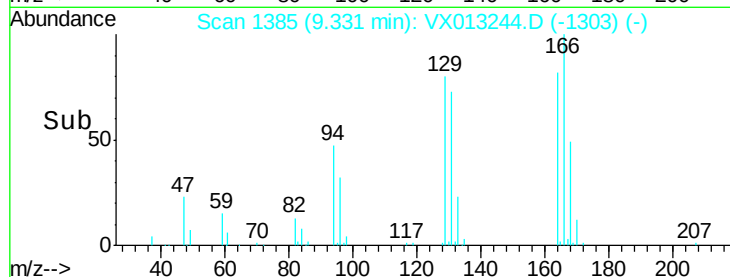
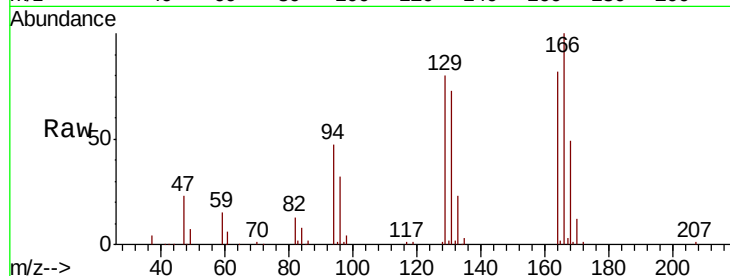
131 89.4 72.4 108.6

Manual Integrations

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MMDadoda

10/30/2019 12:07:42 PM



#62

Toluene

Concen: 18.322 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013244.D

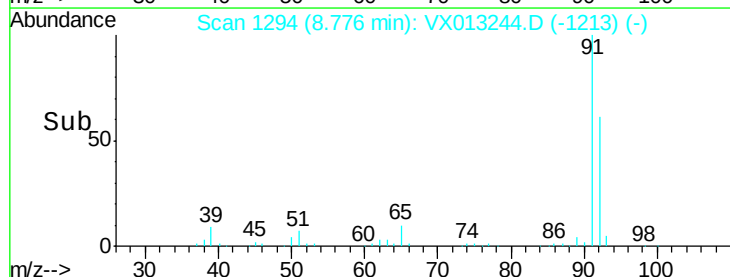
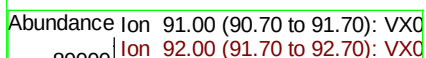
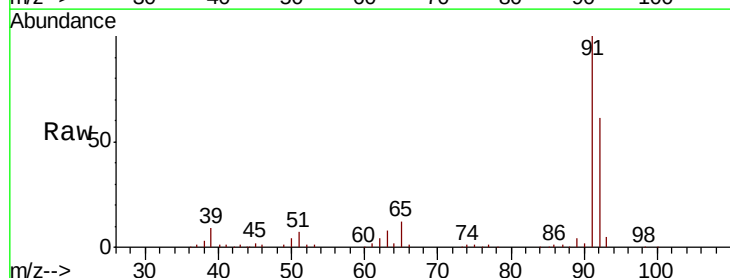
Acq: 28 Oct 2019 13:43

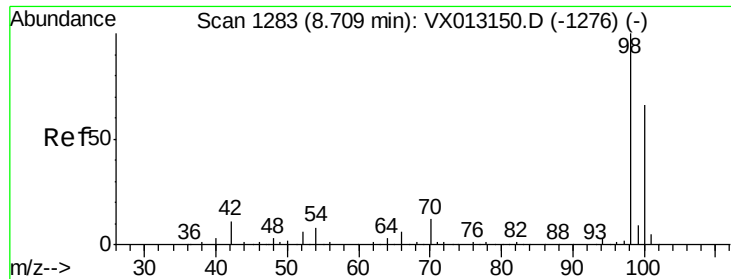
Tgt Ion: 91 Resp: 114078

Ion Ratio Lower Upper

91 100

92 59.9 47.7 71.5





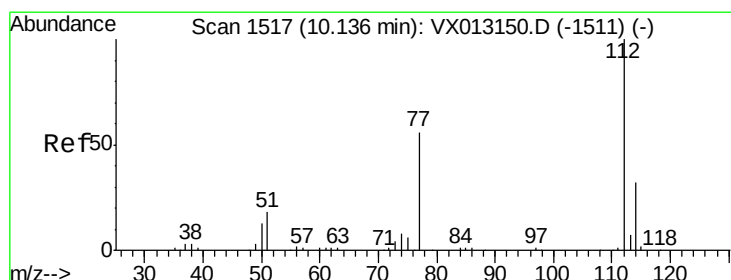
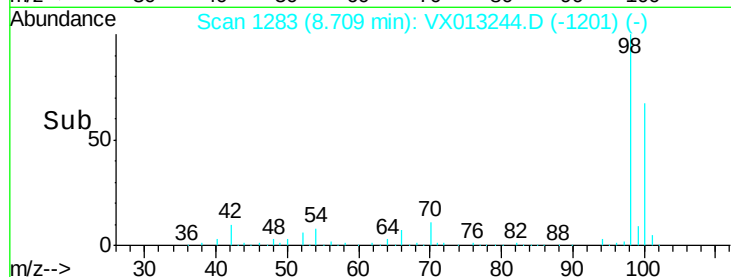
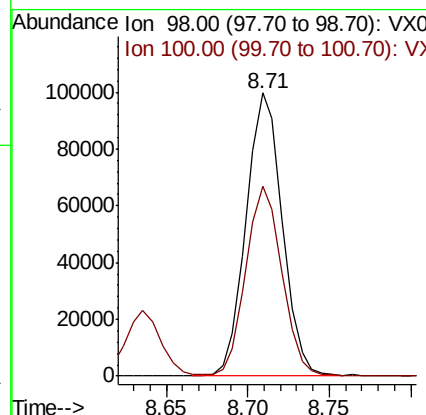
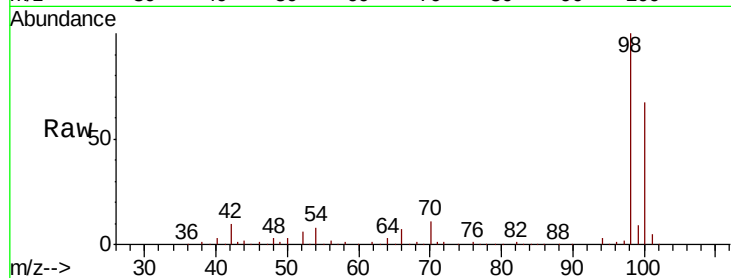
#63
Toluene-d8
Concen: 30.129 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion: 98 Resp: 154554
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

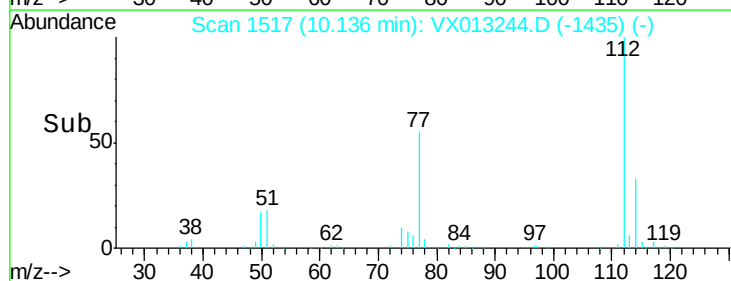
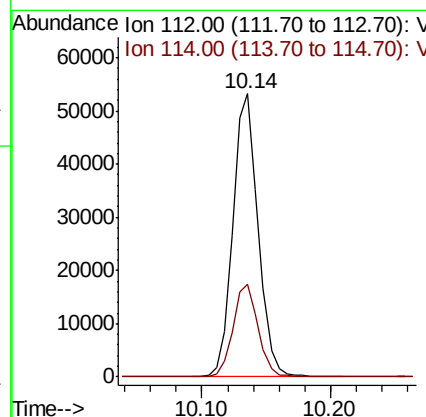
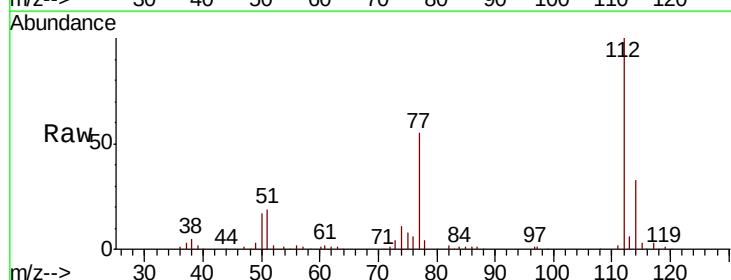
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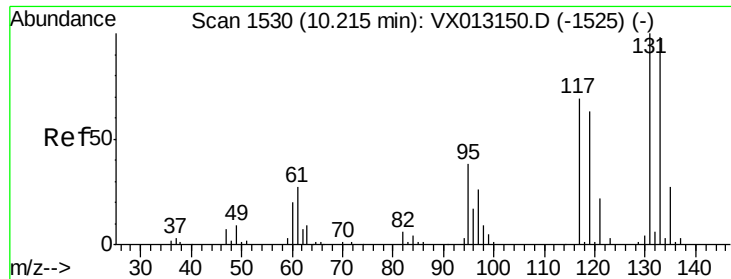
MMDadoda
10/30/2019 12:07:42 PM



#64
Chlorobenzene
Concen: 18.224 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion: 112 Resp: 72754
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3





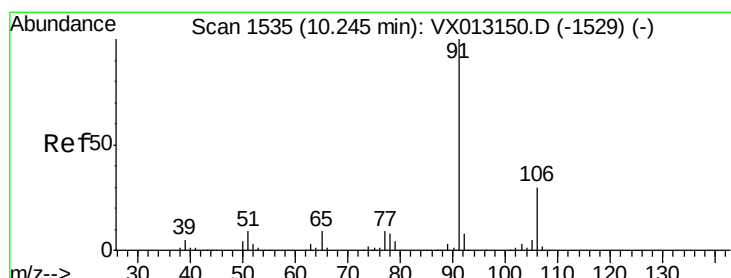
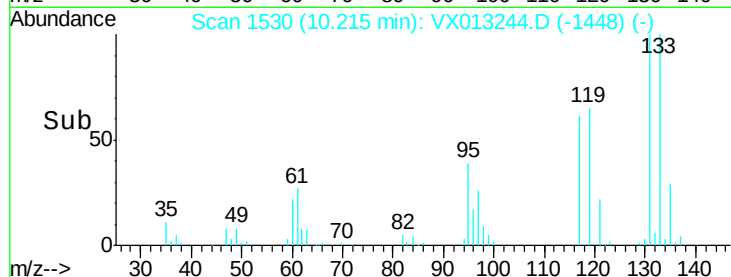
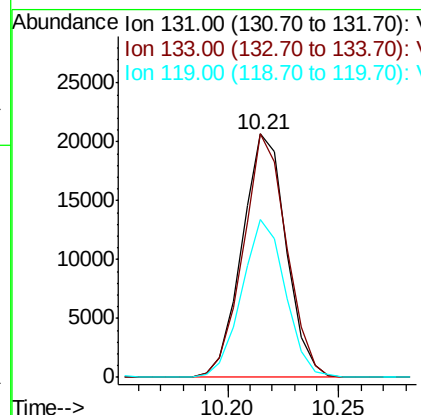
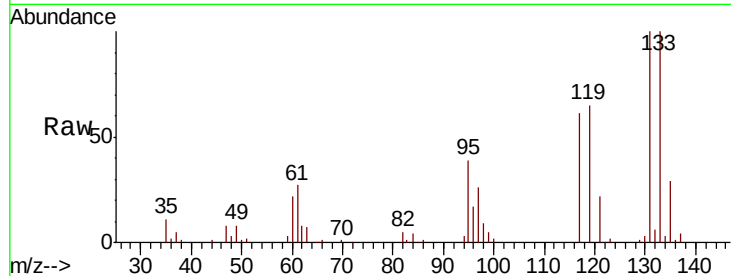
#65
1,1,1,2-Tetrachloroethane
Concen: 19.091 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Resp	Lower	Upper
131	100	28550		
133	98.0	0.0	191.0	
119	63.9	0.0	125.6	

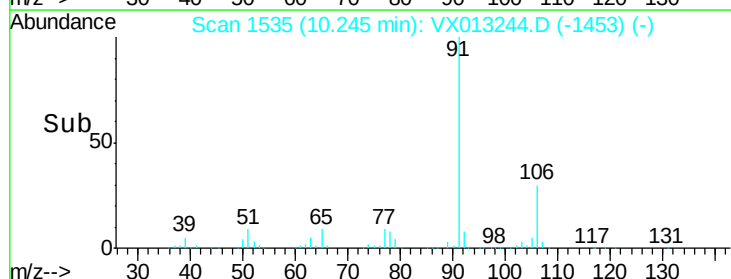
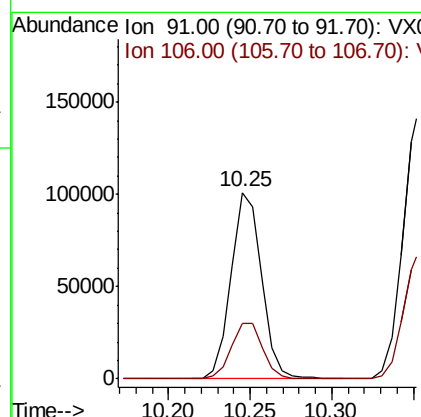
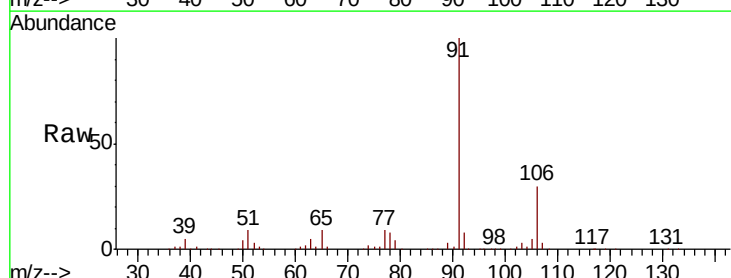
Manual Integrations
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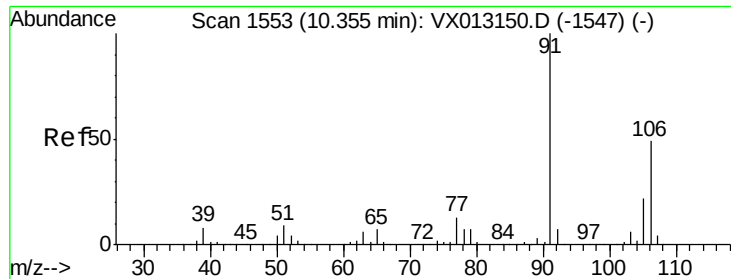
MMDadoda
10/30/2019 12:07:42 PM



#66
Ethyl Benzene
Concen: 18.388 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	131768		
106	29.9	23.8	35.6	





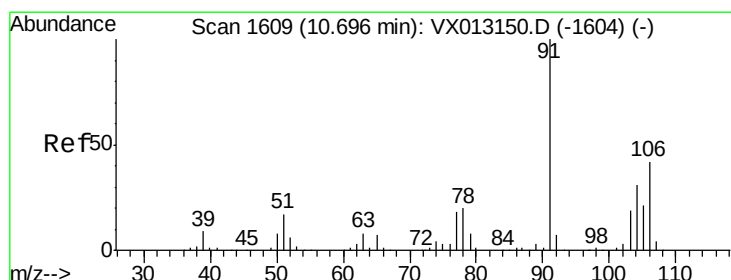
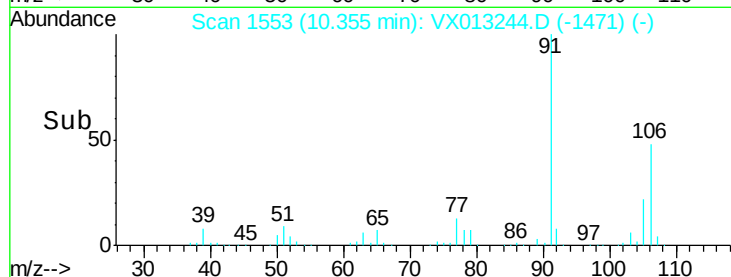
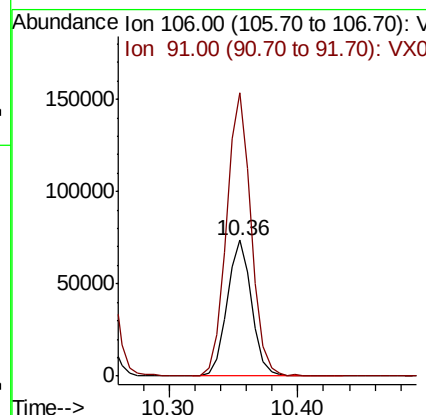
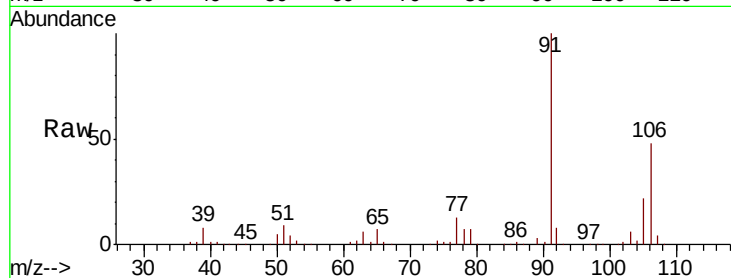
#67
m/p-Xylenes
Concen: 36.245 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion:106 Resp: 98713
Ion Ratio Lower Upper
106 100
91 207.1 163.7 245.5

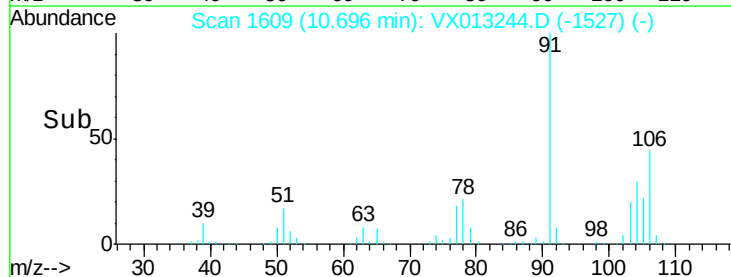
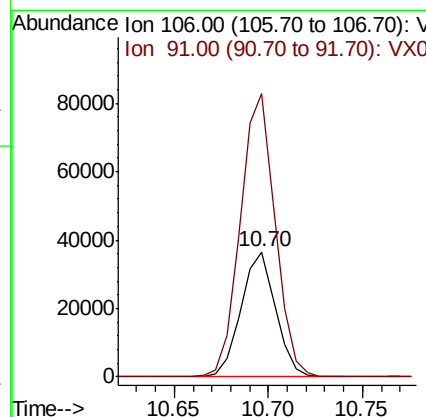
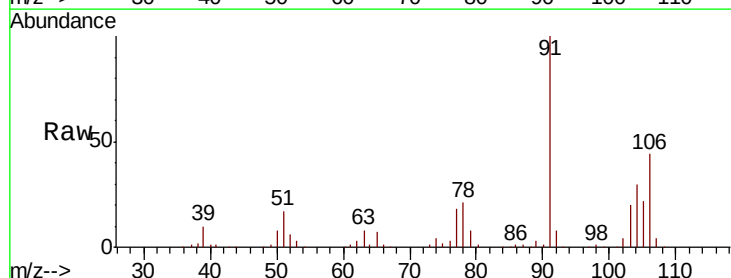
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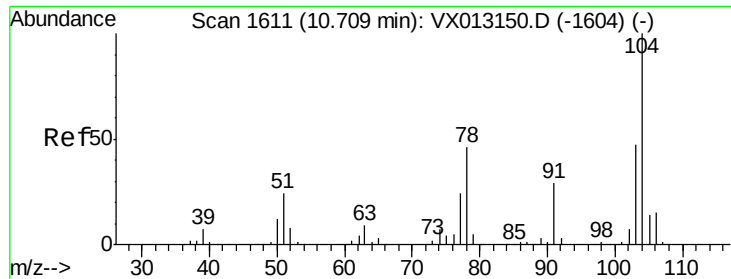
MMDadoda
10/30/2019 12:07:42 PM



#68
o-Xylene
Concen: 17.859 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion:106 Resp: 46433
Ion Ratio Lower Upper
106 100
91 228.2 113.6 340.8





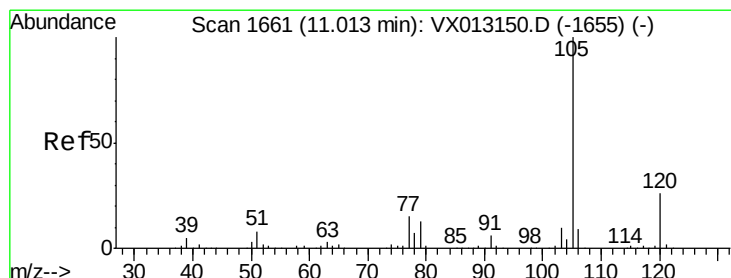
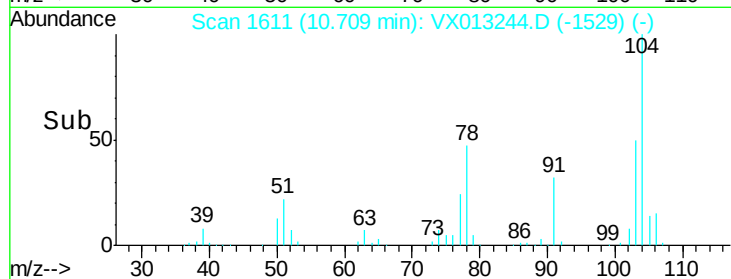
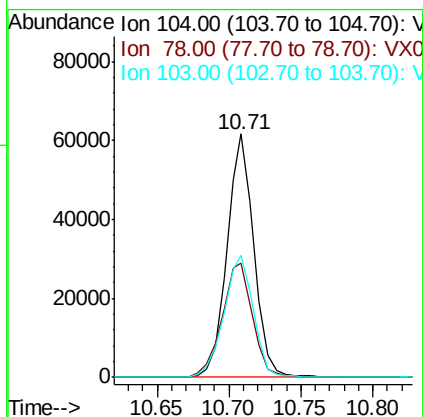
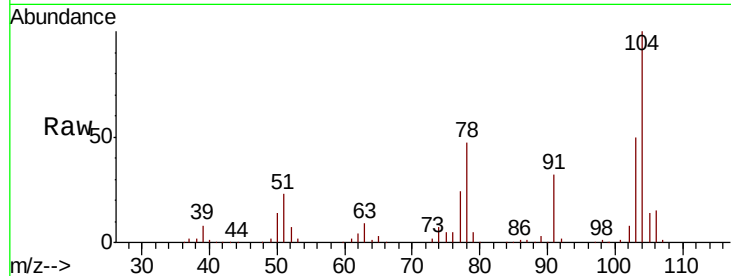
#69
Stvrene
Concen: 17.997 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.6	42.3	63.5
103	55.5	42.2	63.2

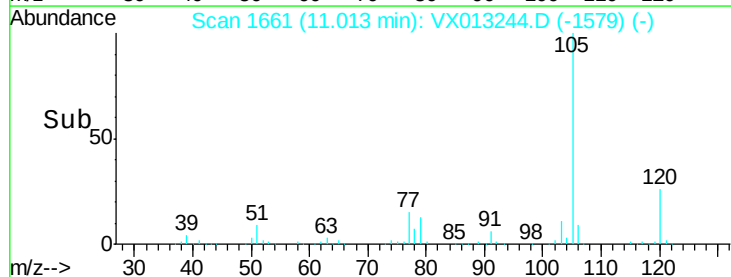
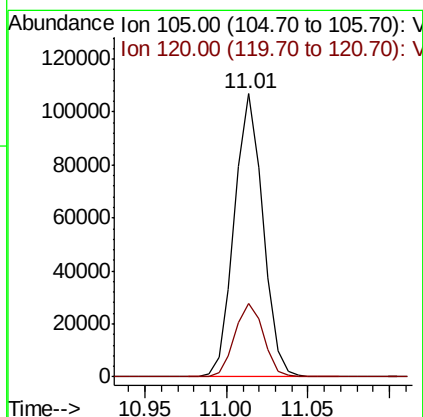
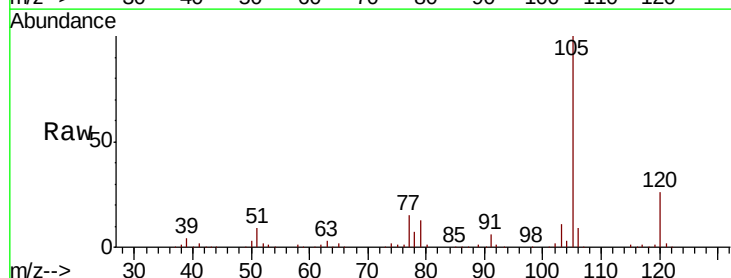
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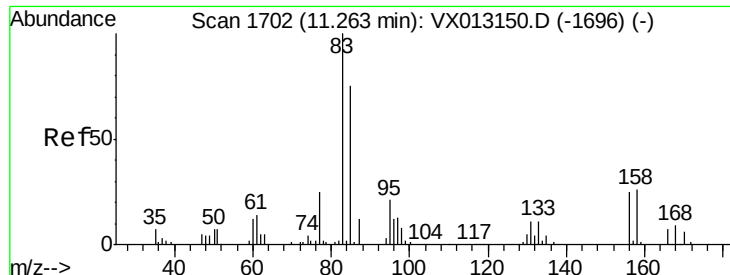
MMDadoda
10/30/2019 12:07:42 PM



#70
Isopropylbenzene
Concen: 18.303 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.1	33.7





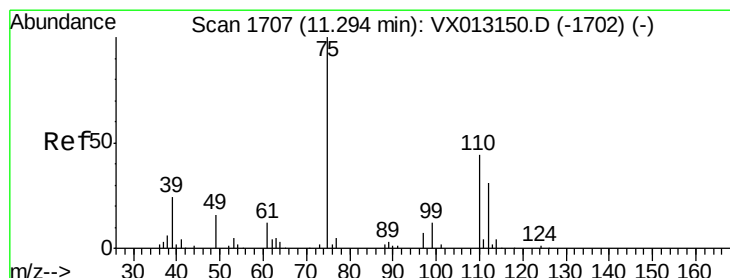
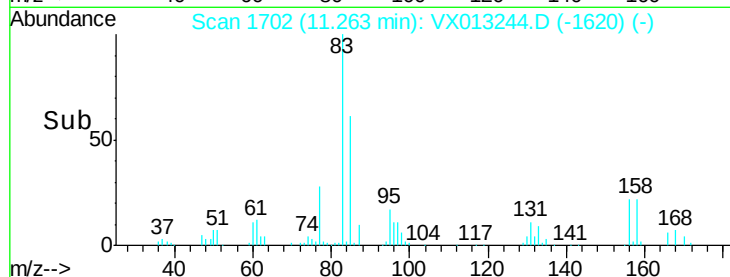
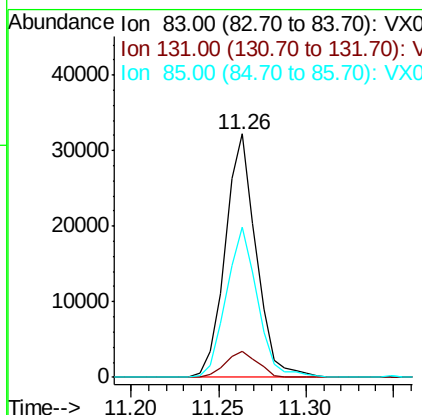
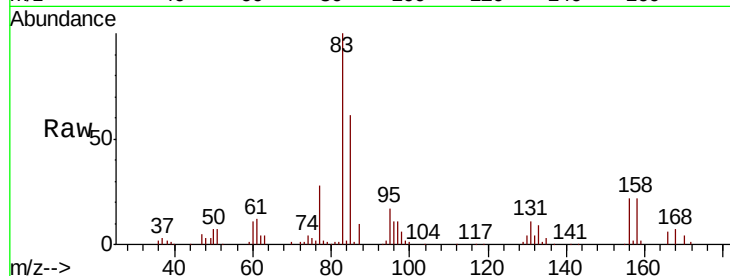
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.072 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	83	Resp	39507
Ion Ratio	100	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	62.3	32.9	98.6

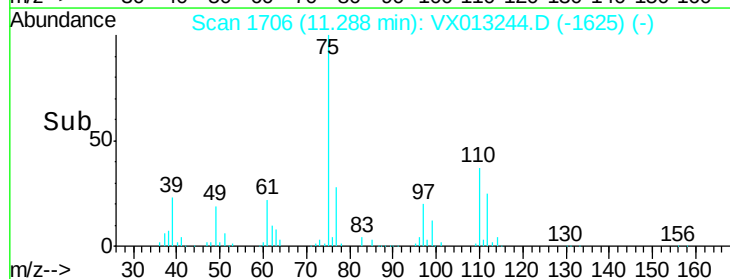
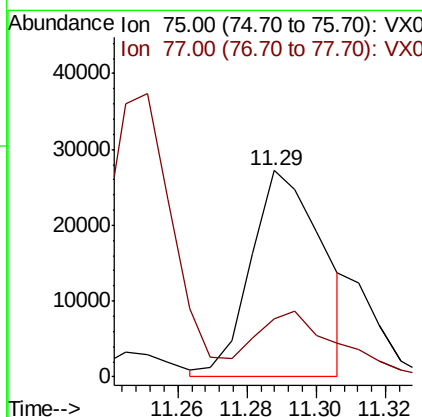
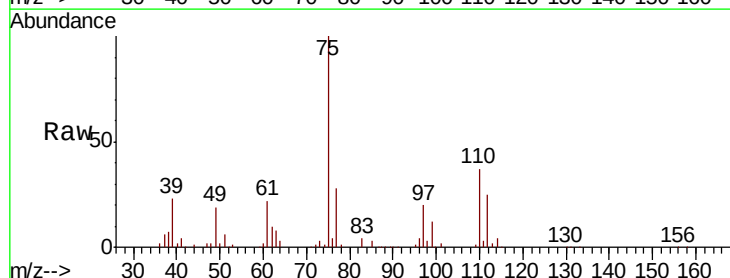
Manual Integrations
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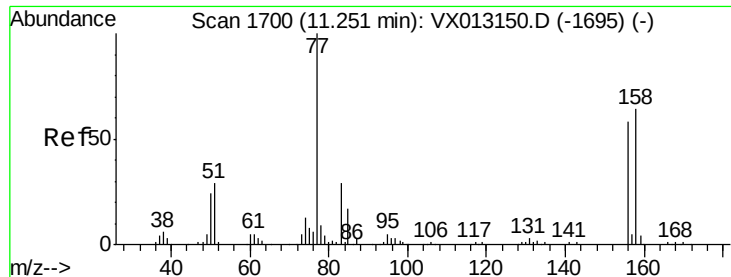
MMDadoda
 10/30/2019 12:07:42 PM



#72
 1,2,3-Trichloropropane
 Concen: 20.666 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	75	Resp	39239
Ion Ratio	100	Lower	Upper
75	100		
77	35.6	0.0	74.0





#73

Bromobenzene

Concen: 17.994 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

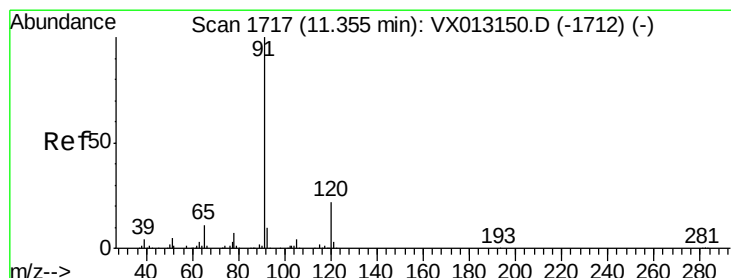
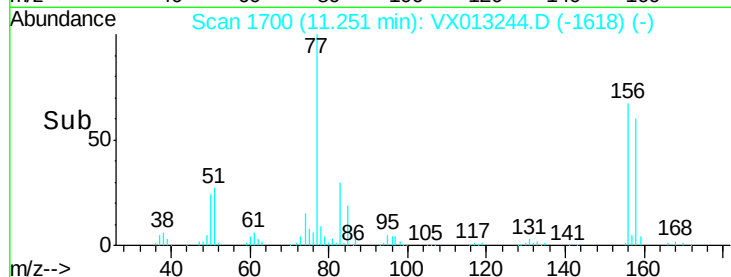
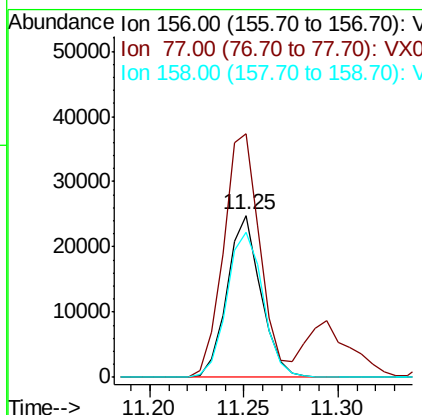
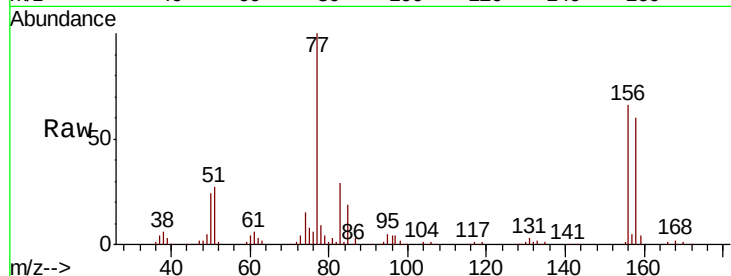
ClientSampleId :

VX1028WBS02

Tot Ion:	156	Resp:	30807
Ion	Ratio	Lower	Upper
156	100		
77	163.5	0.0	328.0
158	96.1	0.0	196.2

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#74

n-propylbenzene

Concen: 17.541 ug/l

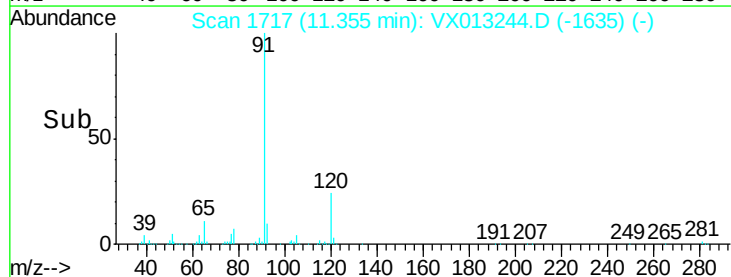
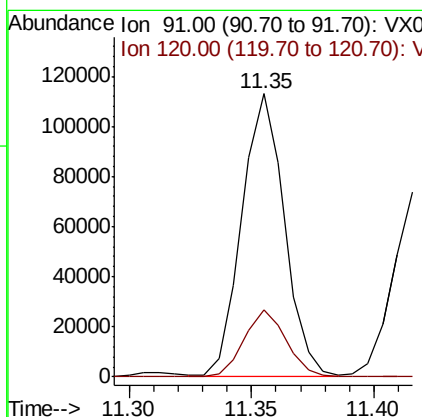
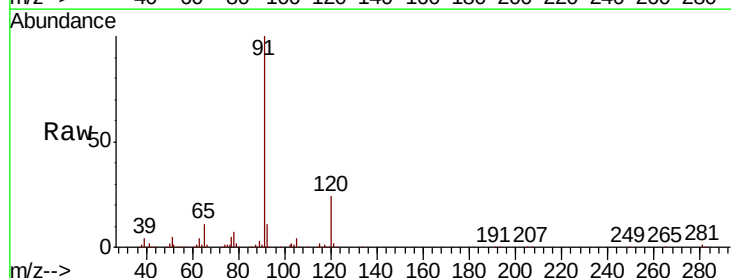
RT: 11.35 min Scan# 1717

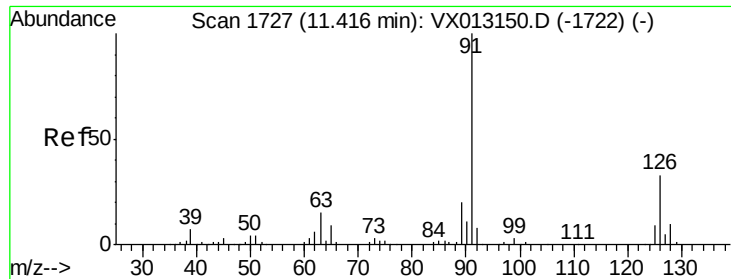
Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Tgt Ion:	91	Resp:	137353
Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	45.2





#75

2-Chlorotoluene

Concen: 17.877 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 91 Resp: 87593

Ion Ratio Lower Upper

91 100

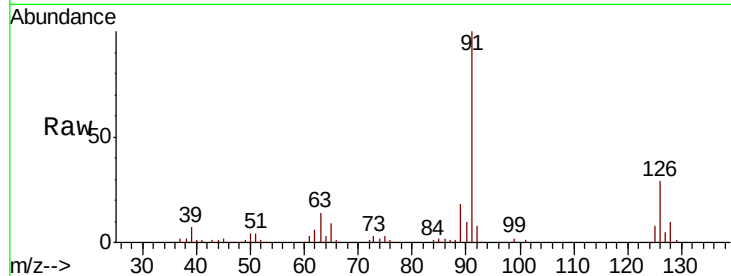
126 32.0 0.0 63.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX013150.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013150.D (-1722) (-)

120000

100000

80000

60000

40000

20000

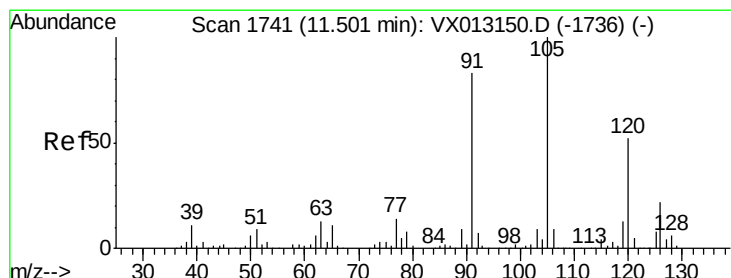
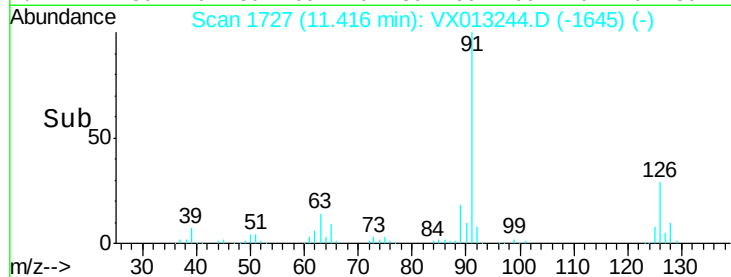
0

11.42

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.054 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013244.D

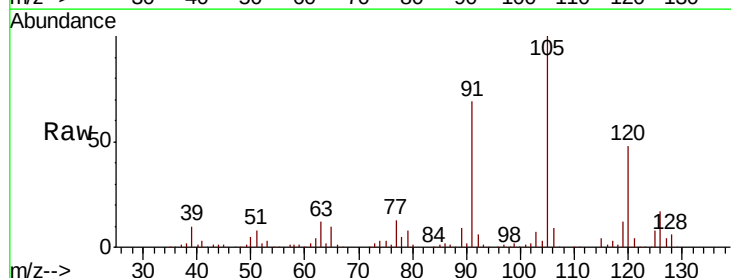
Acq: 28 Oct 2019 13:43

Tgt Ion: 105 Resp: 114109

Ion Ratio Lower Upper

105 100

120 46.0 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX013150.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013150.D (-1736) (-)

100000

80000

60000

40000

20000

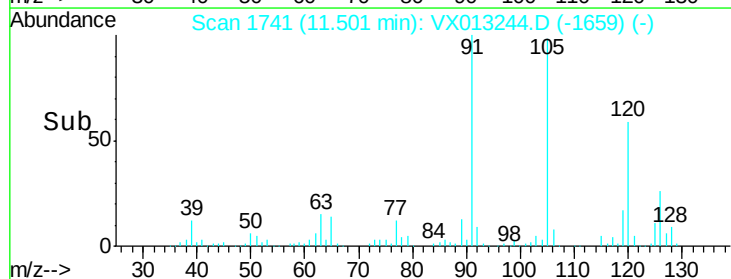
0

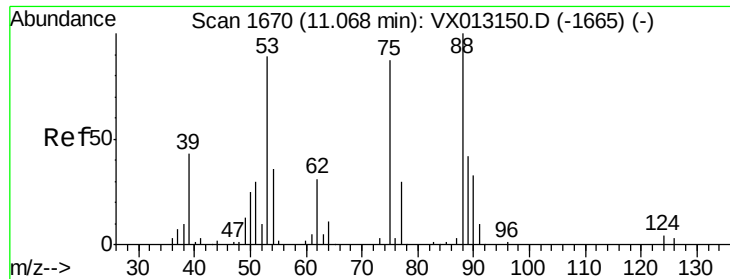
11.50

11.45

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.001 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

VX1028WBS02

Tot Ion: 75 Resp: 12533

Ion Ratio Lower Upper

75 100

53 102.3 51.1 153.4

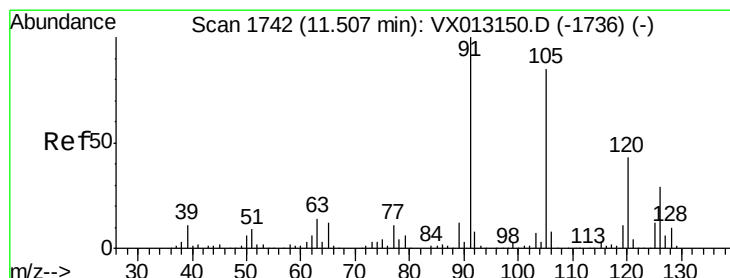
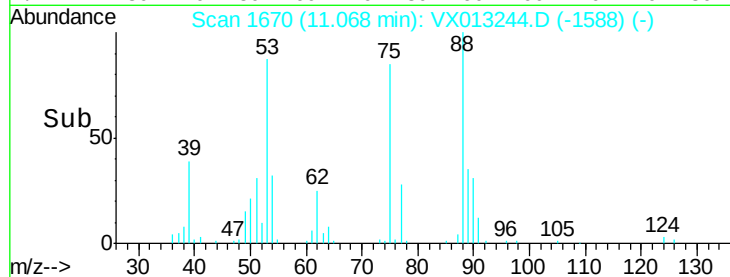
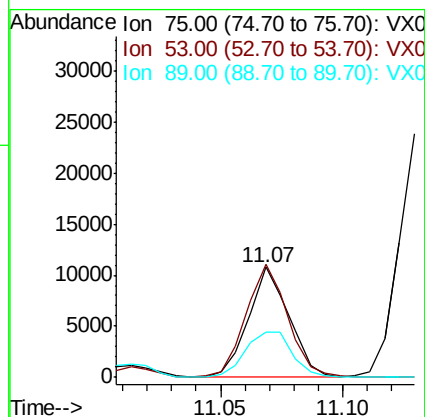
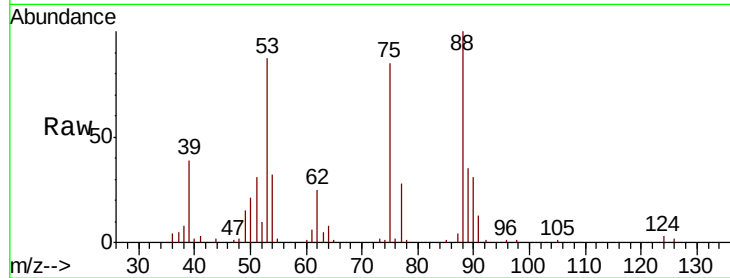
89 40.7 24.1 72.4

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#78

4-Chlorotoluene

Concen: 17.480 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013244.D

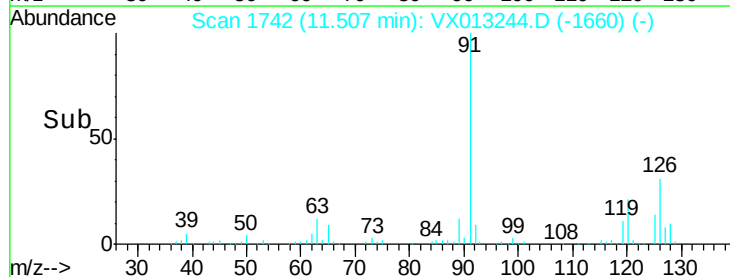
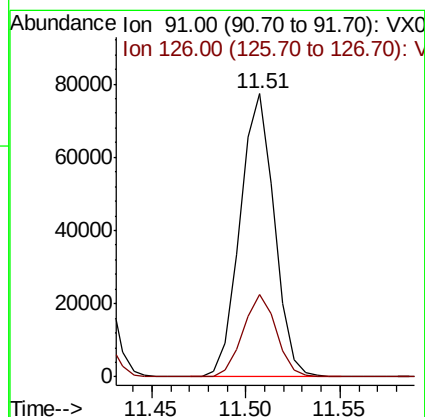
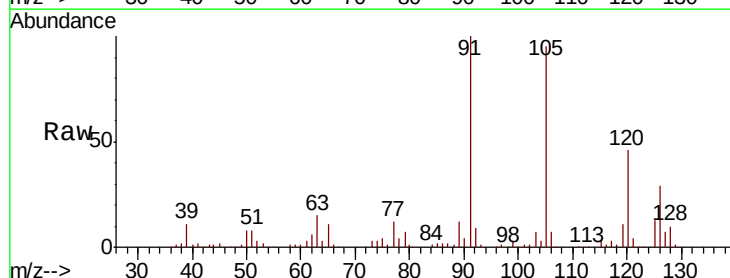
Acq: 28 Oct 2019 13:43

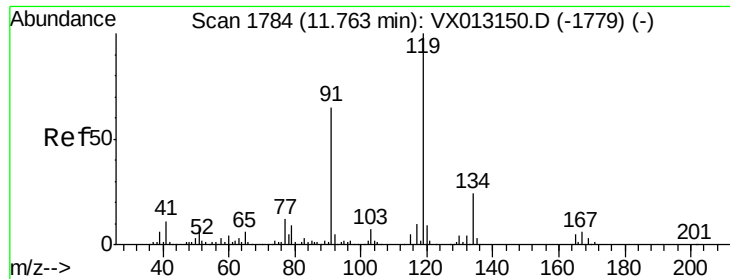
Tgt Ion: 91 Resp: 97866

Ion Ratio Lower Upper

91 100

126 28.2 0.0 58.4





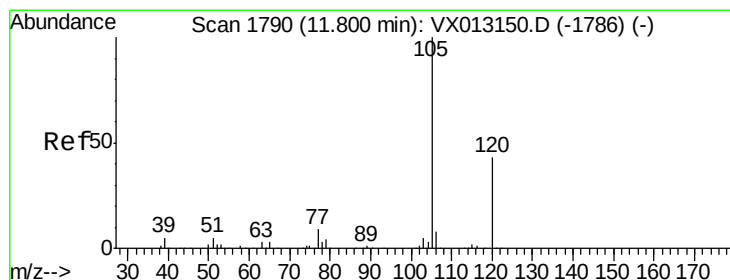
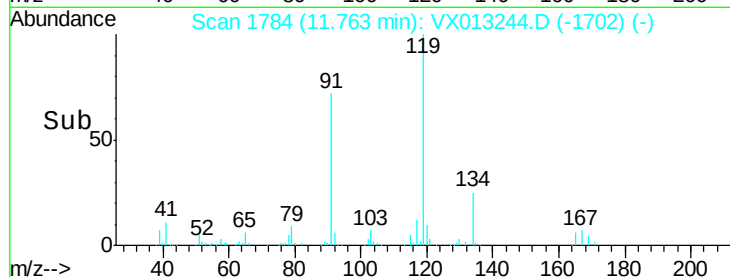
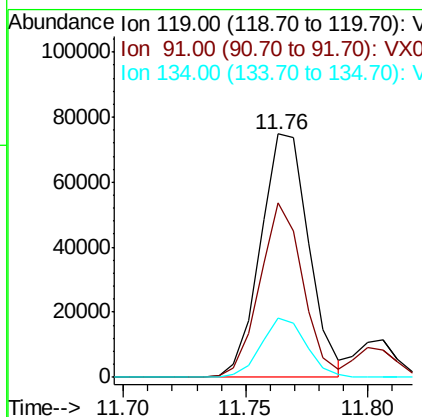
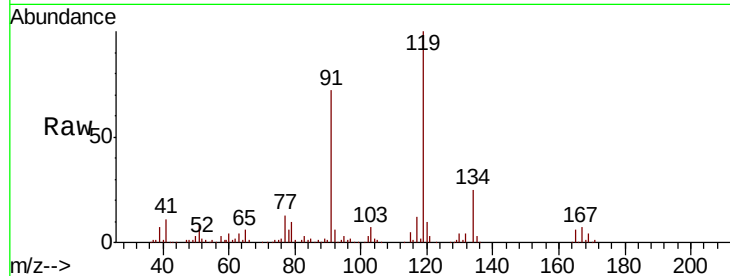
#79
tert-butylbenzene
Concen: 17.776 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	102508		
91	64.0	0.0	128.4	
134	22.9	0.0	49.0	

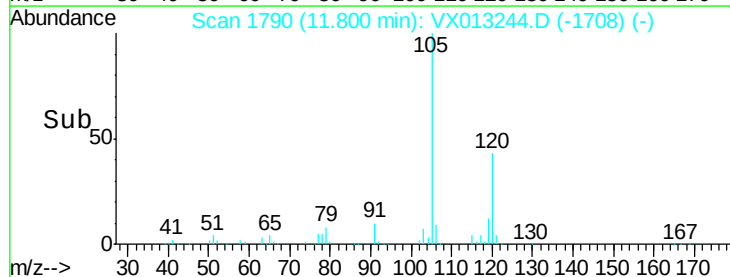
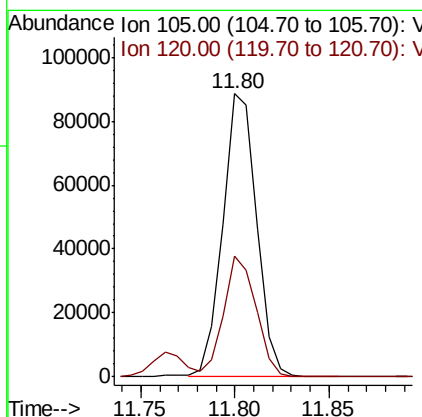
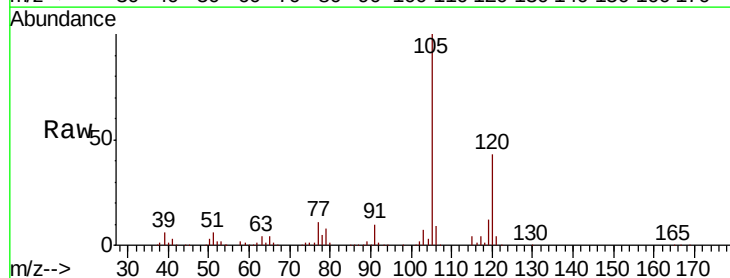
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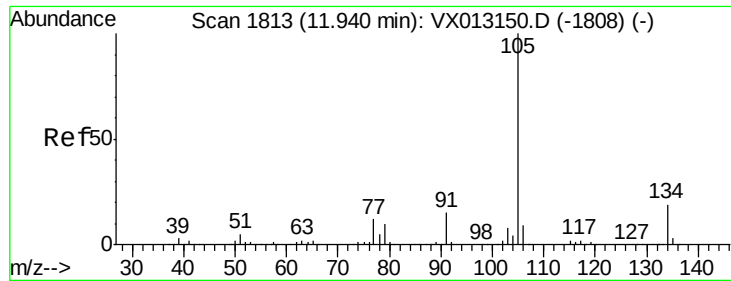
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#80
1,2,4-Trimethylbenzene
Concen: 18.441 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110324		
120	40.9	0.0	87.4	





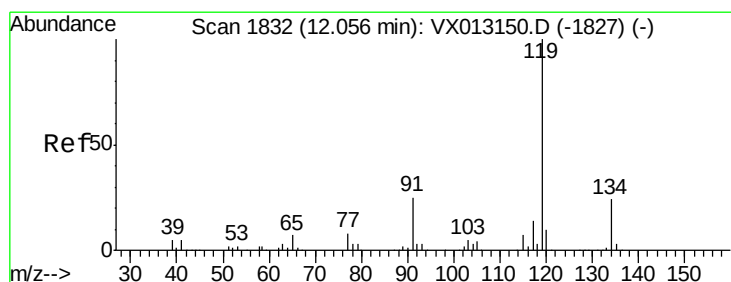
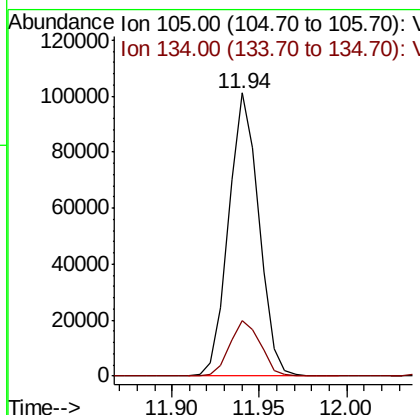
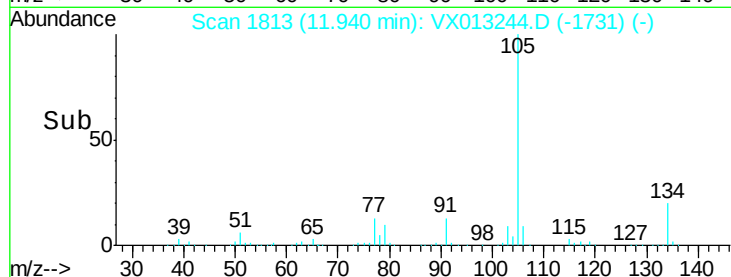
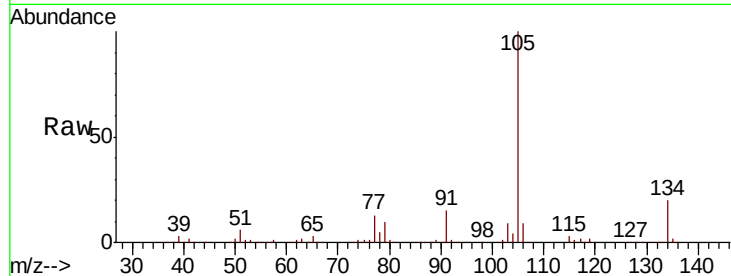
#81
 sec-Butylbenzene
 Concen: 17.679 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	0.0	39.2

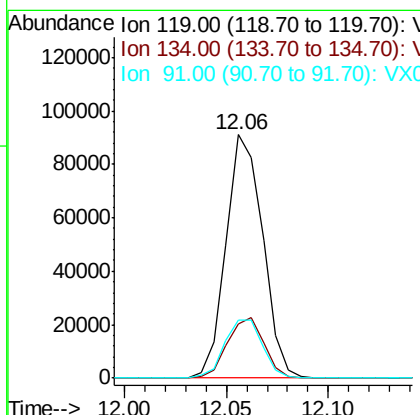
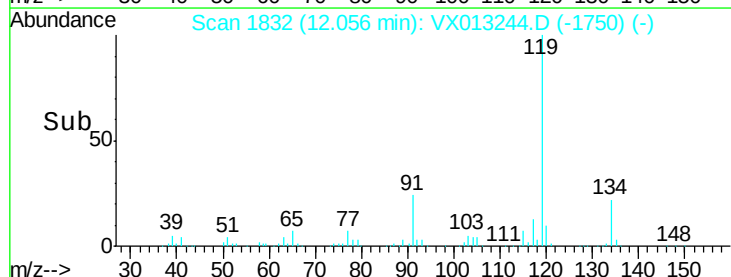
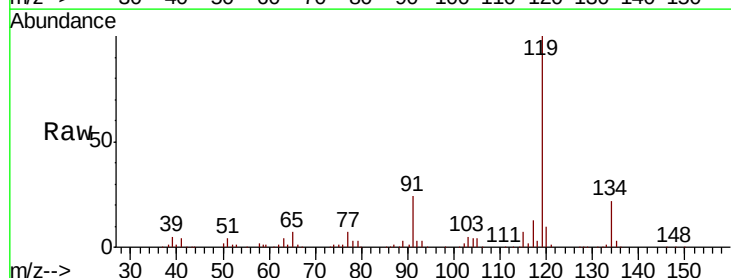
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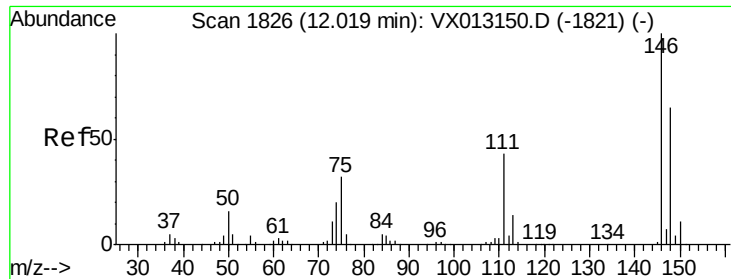
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#82
 p-Isopropyltoluene
 Concen: 18.029 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.8	0.0	51.6
91	24.8	0.0	50.0





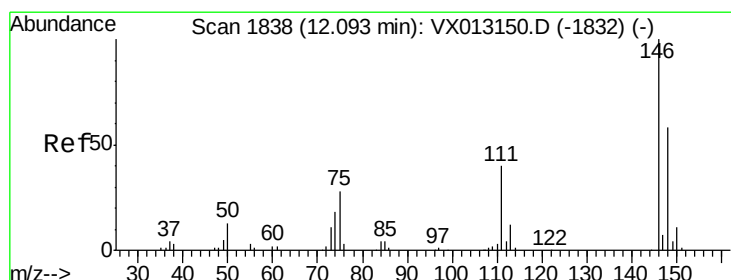
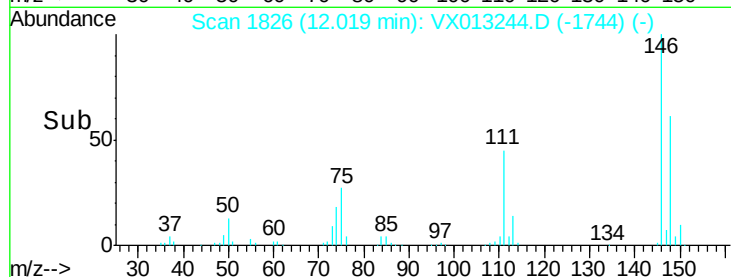
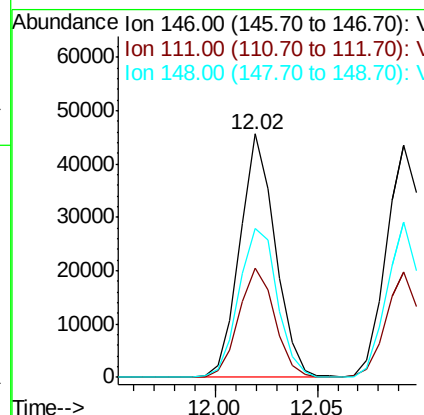
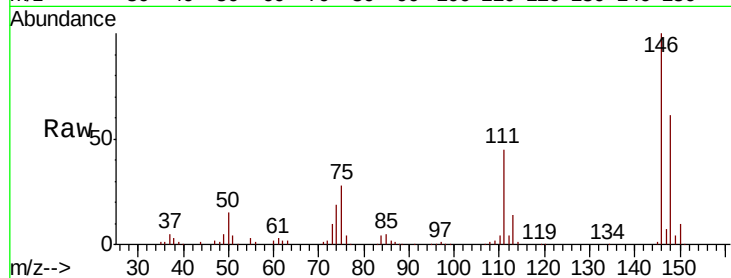
#83
 1,3-Dichlorobenzene
 Concen: 17.561 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.8	65.4
148	66.6	31.2	93.6

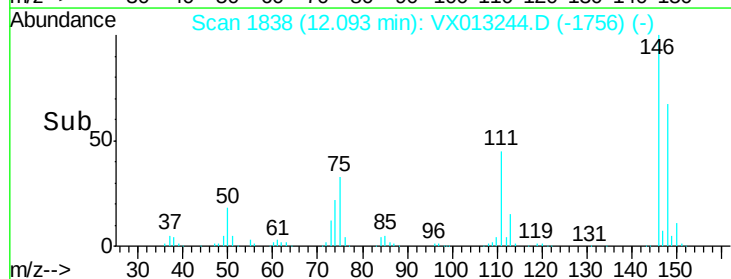
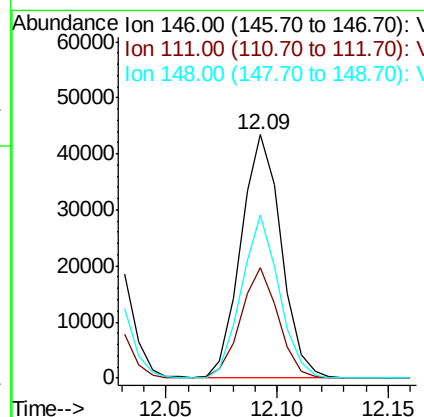
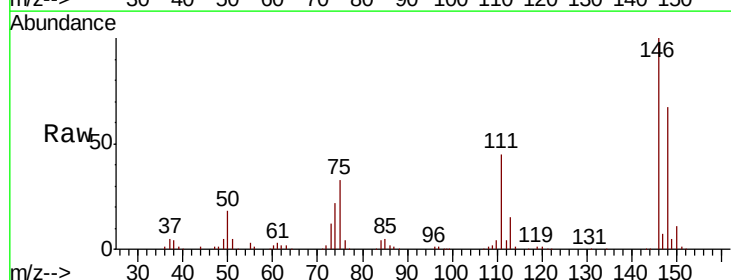
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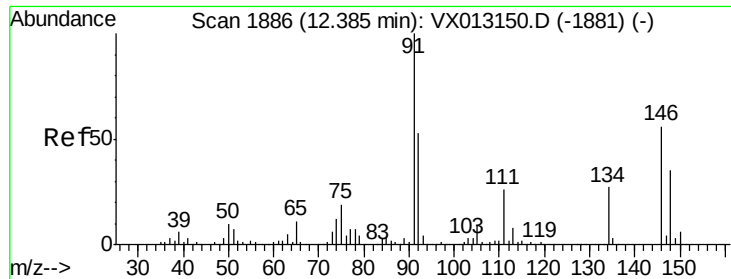
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#84
 1,4-Dichlorobenzene
 Concen: 17.724 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	60.9
148	62.4	31.4	94.2





#85

n-Butylbenzene

Concen: 16.757 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Instrument :

MSVOA_X

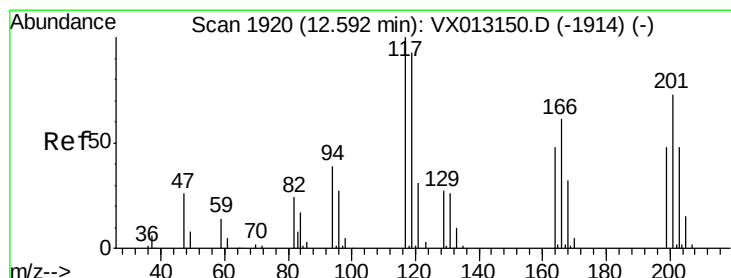
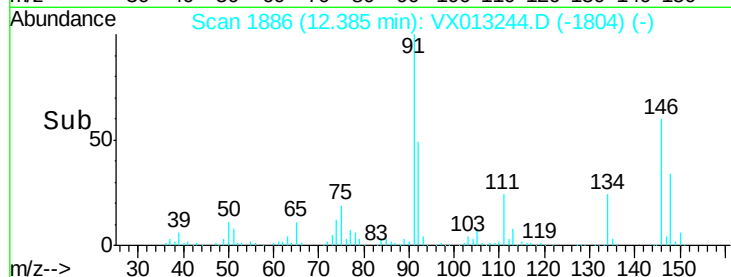
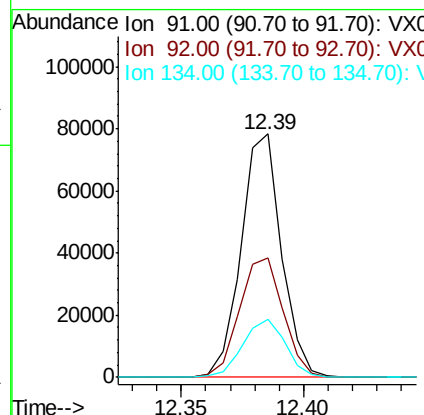
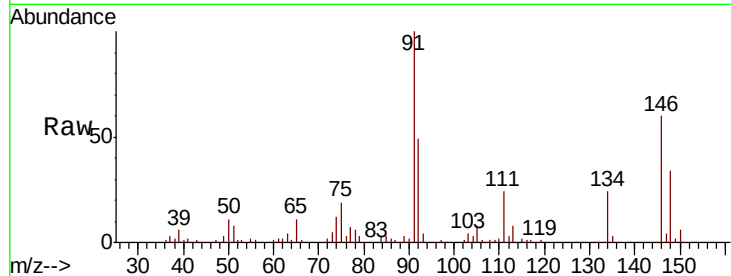
ClientSampleId :

VX1028WBS02

Tot Ion:	91	Resp:	89406
Ion Ratio	Lower	Upper	
91	100		
92	53.5	0.0	106.8
134	25.4	0.0	52.4

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#86

Hexachloroethane

Concen: 17.886 ug/l

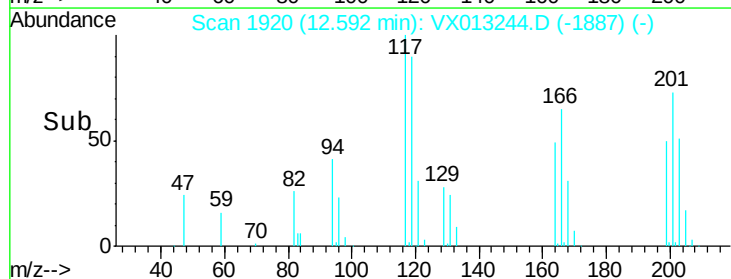
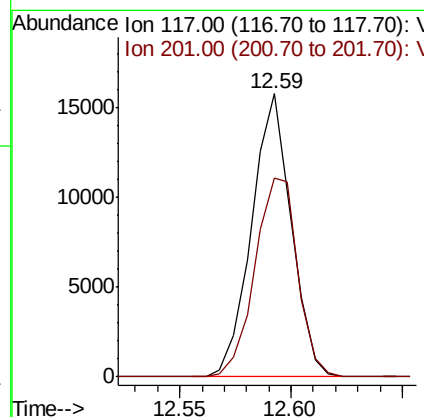
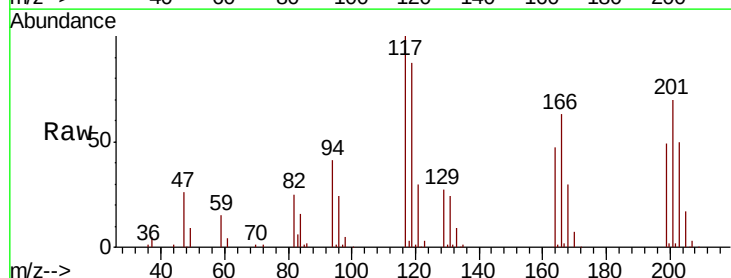
RT: 12.59 min Scan# 1920

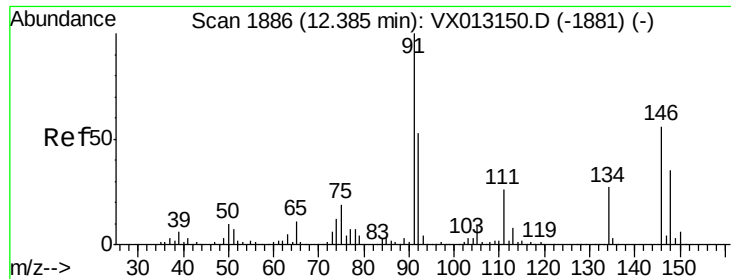
Delta R.T. -0.00 min

Lab File: VX013244.D

Acq: 28 Oct 2019 13:43

Tgt Ion:	117	Resp:	19609
Ion Ratio	Lower	Upper	
117	100		
201	75.2	35.9	107.5





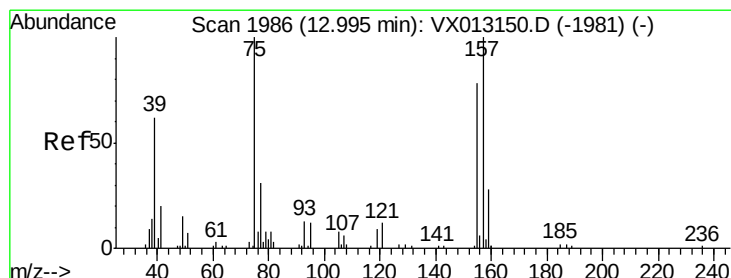
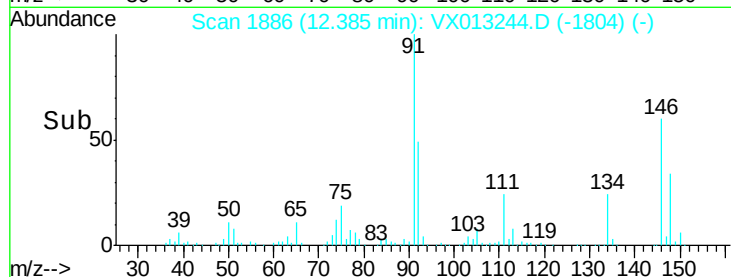
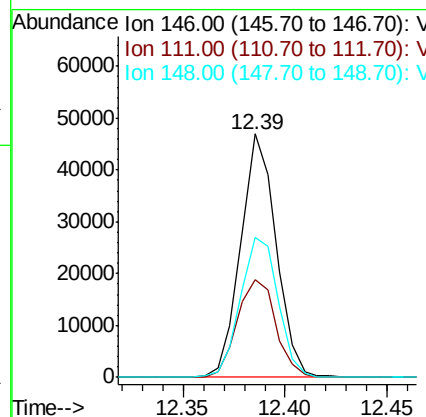
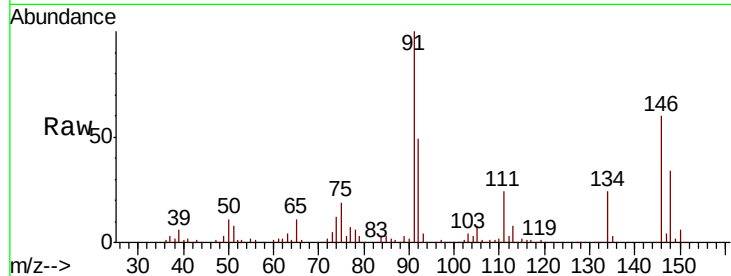
#87
 1,2-Dichlorobenzene
 Concen: 18.651 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.5	67.5
148	61.4	31.4	94.2

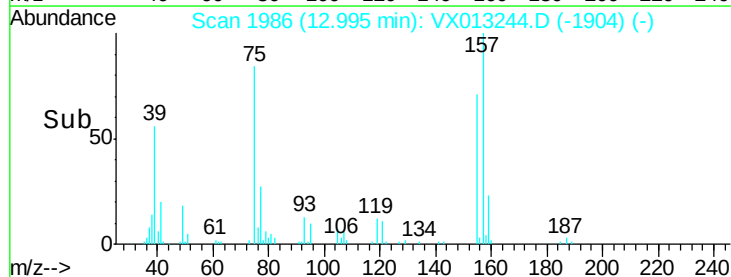
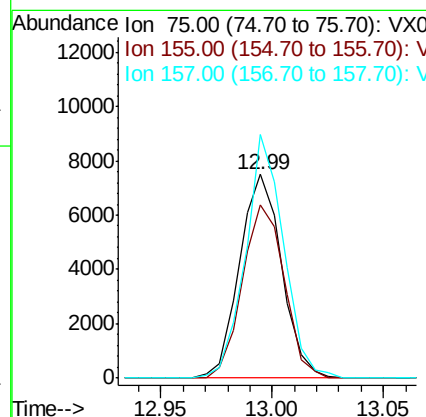
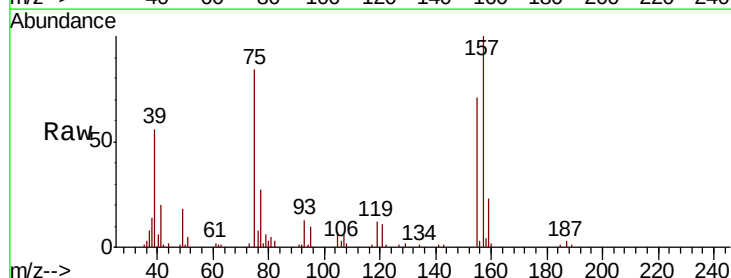
Manual Integrations
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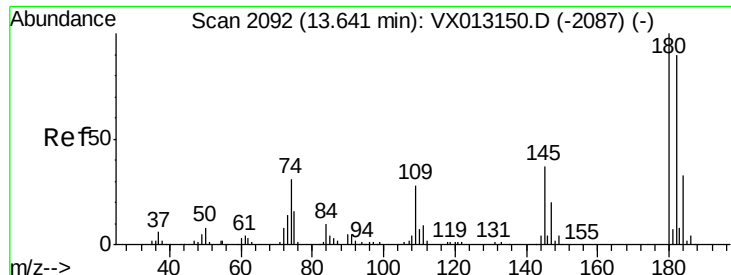
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.368 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013244.D
 Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	65.4	98.0
157	107.8	84.1	126.1





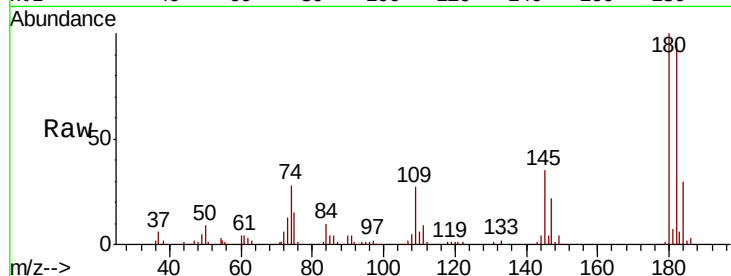
#89
1,2,4-Trichlorobenzene
Concen: 17.625 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.1	114.1
145	33.2	27.4	41.2

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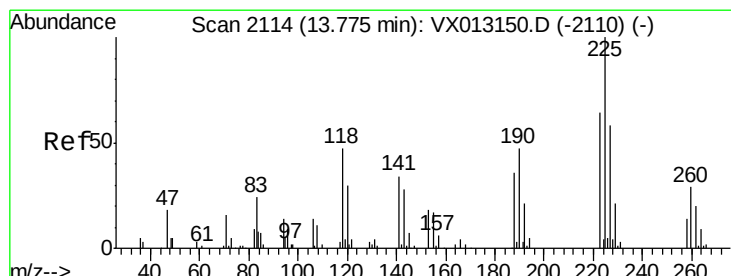
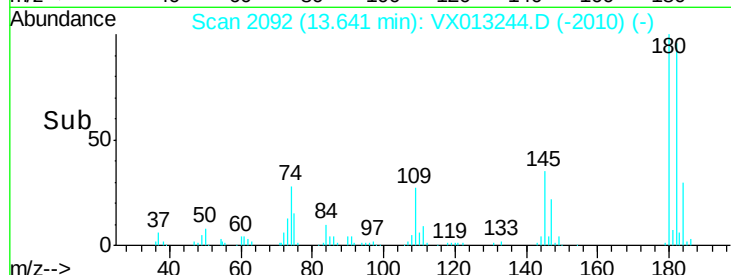
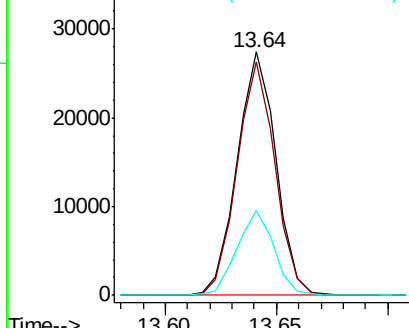


Abundance

Ion 180.00 (179.70 to 180.70): V

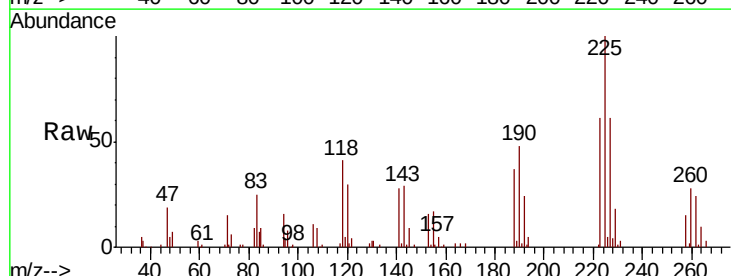
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
Hexachlorobutadiene
Concen: 17.416 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	0.0	131.2
227	66.2	0.0	127.0

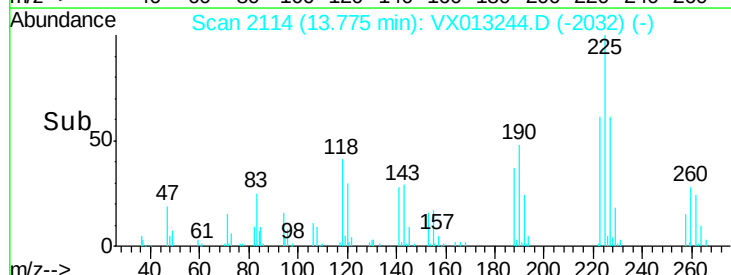
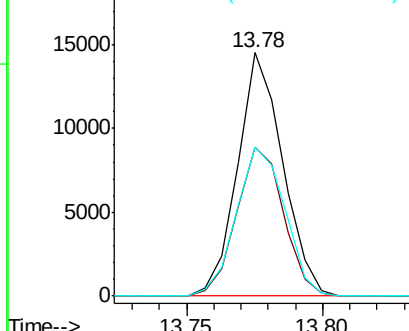


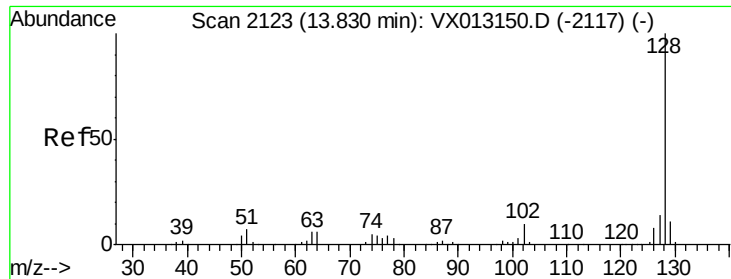
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





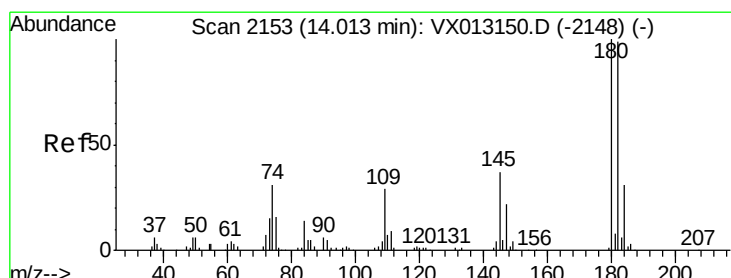
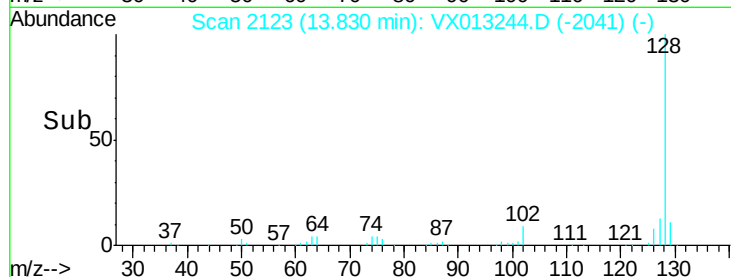
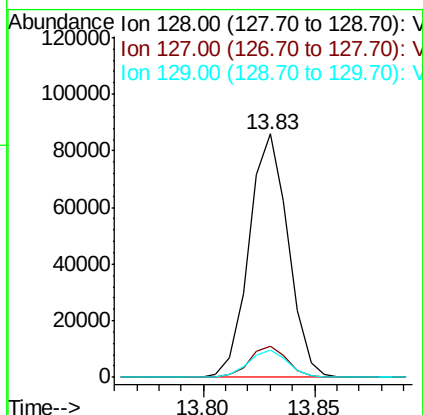
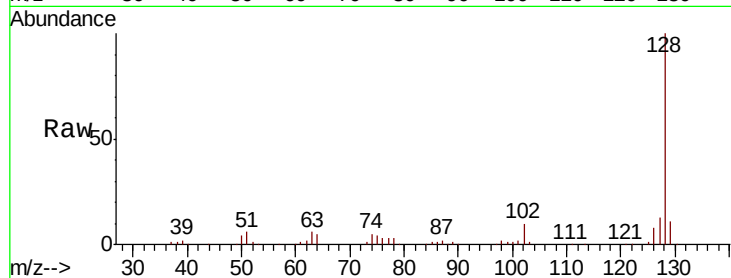
#91
Naphthalene
Concen: 17.187 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Instrument :
MSVOA_X
ClientSampleId :
VX1028WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	11.1	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 17.303 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013244.D
Acq: 28 Oct 2019 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	194.4
145	36.0	0.0	71.2

