

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005876.D
 Acq On : 09 Nov 2018 22:38
 Operator : JC/MD
 Sample : VX1109MBS02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:12:02 AM

Quant Time: Nov 12 01:20:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	104269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	141388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	69055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61297	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
35) Dibromofluoromethane	5.51	113	51004	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
50) Toluene-d8	8.71	98	167431	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.13	95	60072	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18538	19.719	ug/l	99
3) Chloromethane	1.33	50	25229	20.449	ug/l	93
4) Vinyl Chloride	1.40	62	22856	18.453	ug/l	99
5) Bromomethane	1.64	94	13747	18.137	ug/l	99
6) Chloroethane	1.72	64	14410	19.499	ug/l	96
7) Trichlorofluoromethane	1.93	101	32972	20.055	ug/l	96
8) Diethyl Ether	2.19	74	12845	19.939	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18766	19.846	ug/l	98
10) Methyl Iodide	2.51	142	19845	17.317	ug/l	99
11) Tert butyl alcohol	3.06	59	35482	103.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	17484	18.971	ug/l	84
13) Acrolein	2.29	56	12648	90.491	ug/l	97
14) Allyl chloride	2.73	41	42296	20.548	ug/l	98
15) Acrylonitrile	3.15	53	72907	102.451	ug/l	98
16) Acetone	2.45	43	68028	105.402	ug/l	97
17) Carbon Disulfide	2.57	76	51086	18.583	ug/l	100
18) Methyl Acetate	2.78	43	38537	21.433	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	65076	20.688	ug/l	99
20) Methylene Chloride	2.85	84	22228	20.966	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	19131	19.680	ug/l	91
22) Diisopropyl ether	3.87	45	73685	20.435	ug/l #	91
23) Vinyl Acetate	3.82	43	314273	101.652	ug/l	99
24) 1,1-Dichloroethane	3.70	63	39134	20.343	ug/l	98
25) 2-Butanone	4.70	43	105884	104.351	ug/l	98
26) 2,2-Dichloropropane	4.59	77	25359	17.970	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	21979	20.477	ug/l	98
28) Bromochloromethane	5.01	49	19045	22.151	ug/l	97
29) Tetrahydrofuran	5.16	42	66392	101.905	ug/l	98
30) Chloroform	5.21	83	37827	20.381	ug/l	99
31) Cyclohexane	5.57	56	33801	20.241	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	31982	20.659	ug/l	99
36) 1,1-Dichloropropene	5.80	75	28478	20.893	ug/l	99
37) Ethyl Acetate	4.86	43	39085	21.806	ug/l	99
38) Carbon Tetrachloride	5.78	117	27597	20.225	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29837	21.598	ug/l	90
40) Benzene	6.14	78	84404	21.242	ug/l	93
41) Methacrylonitrile	5.06	41	20383	21.046	ug/l	98
42) 1,2-Dichloroethane	6.20	62	31058	21.823	ug/l	99
43) Isopropyl Acetate	6.46	43	54419	20.953	ug/l	98
44) Trichloroethene	7.21	130	21682	21.487	ug/l	95
45) 1,2-Dichloropropane	7.52	63	23177	24.032	ug/l	95
46) Dibromomethane	7.66	93	13103	21.651	ug/l	99
47) Bromodichloromethane	7.90	83	25248	22.075	ug/l	92
48) Methyl methacrylate	7.77	41	24646	21.134	ug/l	100
49) 1,4-Dioxane	7.75	88	10847	431.640	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	172214	105.210	ug/l	98
52) Toluene	8.78	92	46243	20.823	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	25376	18.801	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	29266	21.274	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	18652	18.846	ug/l	98
56) Ethyl methacrylate	9.18	69	26573	17.944	ug/l	97
57) 1,3-Dichloropropane	9.37	76	31099	18.698	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	85327	110.518	ug/l	99
59) 2-Hexanone	9.49	43	132515	91.845	ug/l	99
60) Dibromochloromethane	9.59	129	19360	18.100	ug/l	97
61) 1,2-Dibromoethane	9.67	107	19545	17.859	ug/l	100
64) Tetrachloroethene	9.34	164	21379	19.927	ug/l	98
65) Chlorobenzene	10.14	112	49654	19.669	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	18425	20.994	ug/l	100
67) Ethyl Benzene	10.25	91	83491	20.625	ug/l	99
68) m/p-Xylenes	10.36	106	64823	41.982	ug/l	99
69) o-Xylene	10.70	106	30331	21.907	ug/l	99
70) Styrene	10.71	104	50876	22.275	ug/l	99
71) Bromoform	10.86	173	15761	21.423	ug/l #	99
73) Isopropylbenzene	11.02	105	84556	21.174	ug/l	99
74) N-amyl acetate	10.90	43	41419	19.274	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	29490	20.119	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	29139m	20.723	ug/l	
77) Bromobenzene	11.26	156	22748	20.210	ug/l	99
78) n-propylbenzene	11.36	91	97901	20.802	ug/l	99
79) 2-Chlorotoluene	11.42	91	58996	20.739	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	71842	21.170	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8445	19.142	ug/l	95
82) 4-Chlorotoluene	11.51	91	69927	20.858	ug/l	99
83) tert-Butylbenzene	11.77	119	68890	20.066	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	74605	19.849	ug/l	100
85) sec-Butylbenzene	11.94	105	85284	20.314	ug/l	99
86) p-Isopropyltoluene	12.07	119	76229	20.499	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	42115	19.496	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	42459	19.201	ug/l	98
89) n-Butylbenzene	12.39	91	64860	18.819	ug/l	99
90) Hexachloroethane	12.60	117	12370	19.924	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	42008	19.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7304	20.421	ug/l	99

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ClientSampleId :
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	30258	19.862	ug/l	100
94) Hexachlorobutadiene	13.78	225	15208	19.005	ug/l	99
95) Naphthalene	13.83	128	91816	19.223	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	31804	20.492	ug/l	99

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

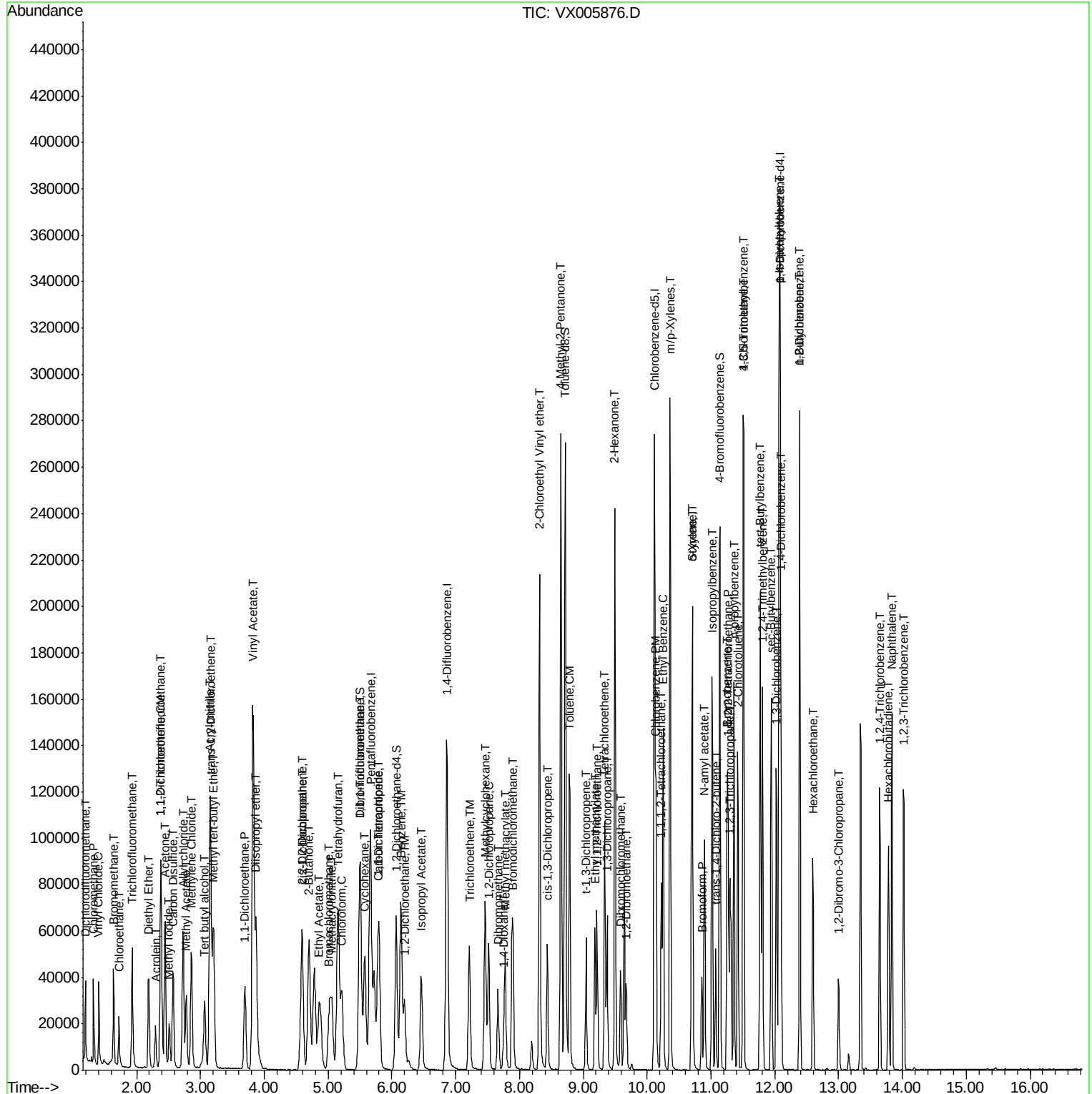
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\
Data File : VX005876.D
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Sample : VX1109MBS02
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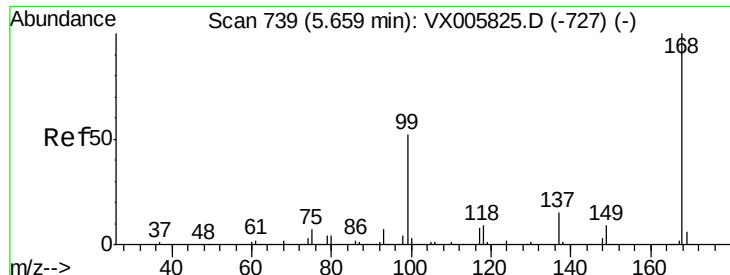
Instrument :
MSVOA_X
Client Sample Id :
VX1109MBS02

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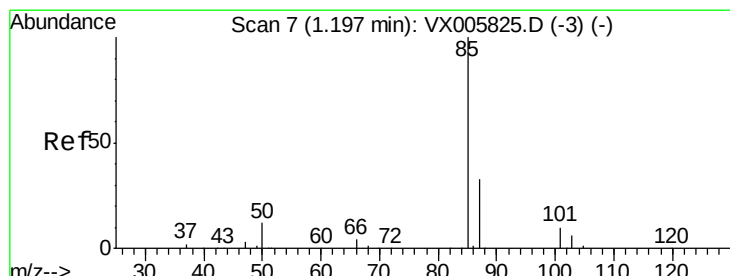
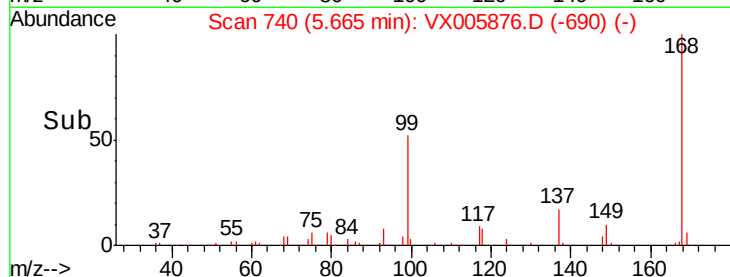
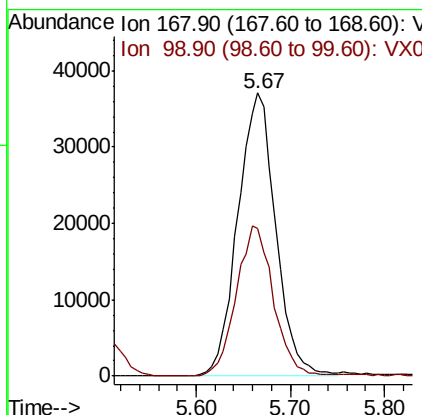
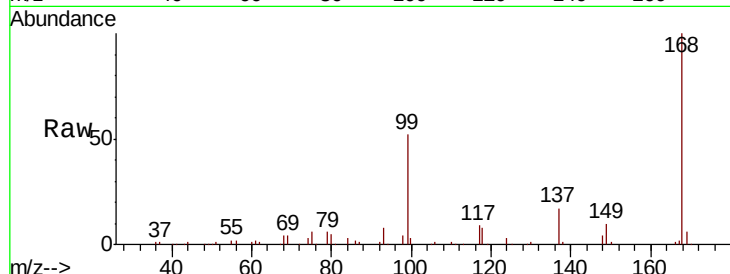
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion:168 Resp: 104269
Ion Ratio Lower Upper
168 100
99 52.0 40.7 61.1

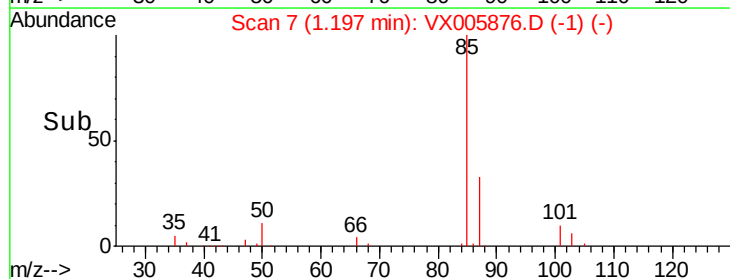
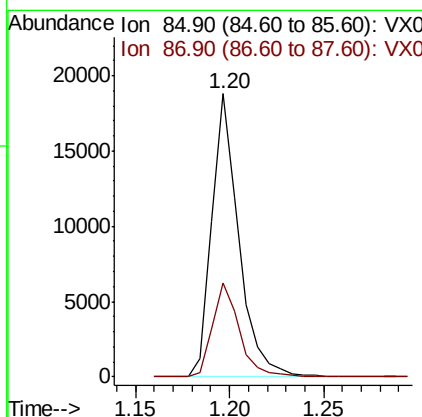
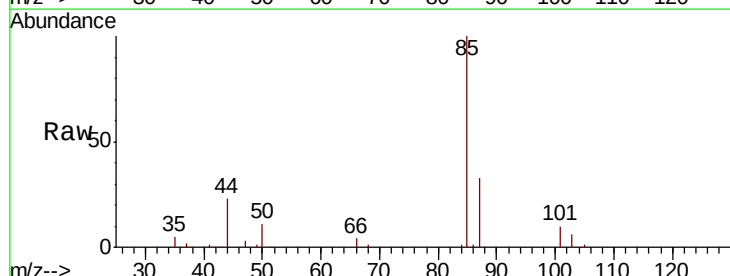
Manual Integrations
APPROVED

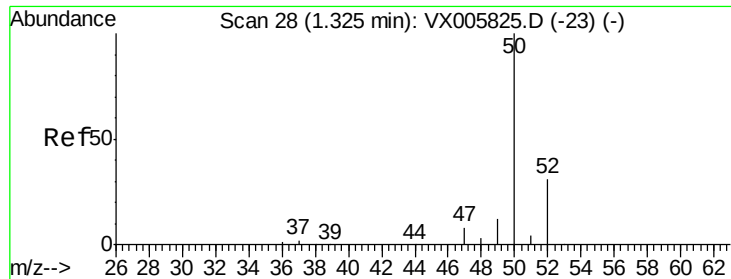
MMDadoda
11/12/2018 9:12:02 AM



#2
Dichlorodifluoromethane
Concen: 19.719 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion: 85 Resp: 18538
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9





#3

Chloromethane

Concen: 20.449 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 50 Resp: 25229

Ion Ratio Lower Upper

50 100

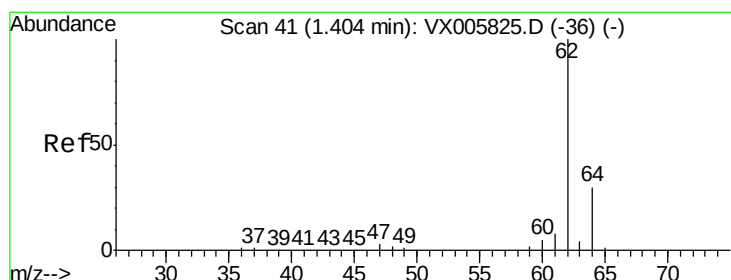
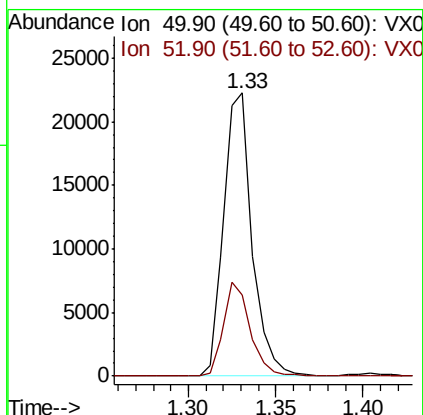
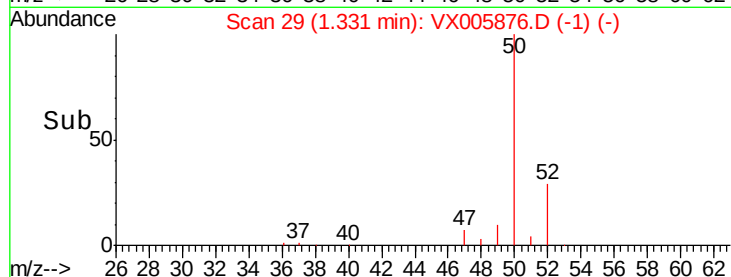
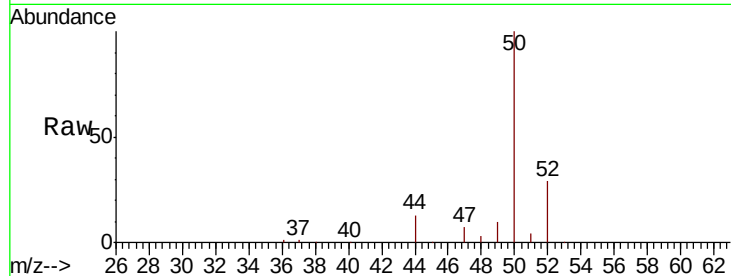
52 28.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.453 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005876.D

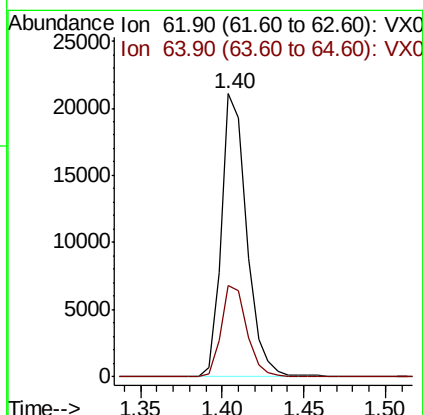
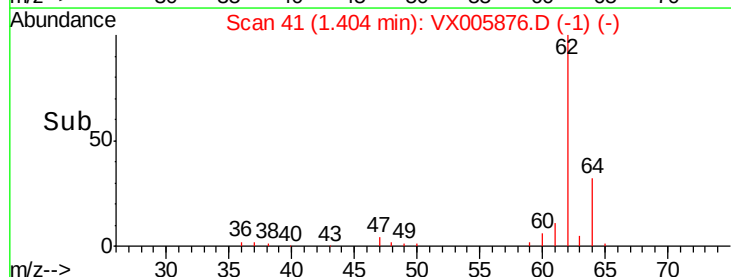
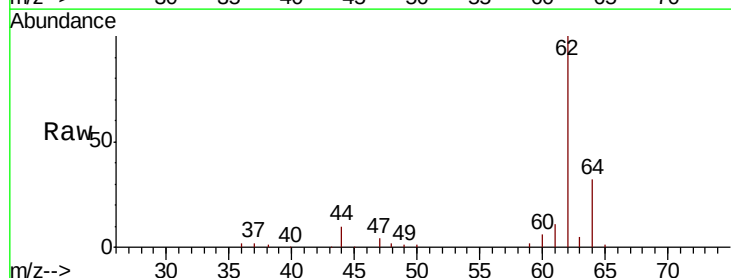
Acq: 09 Nov 2018 22:38

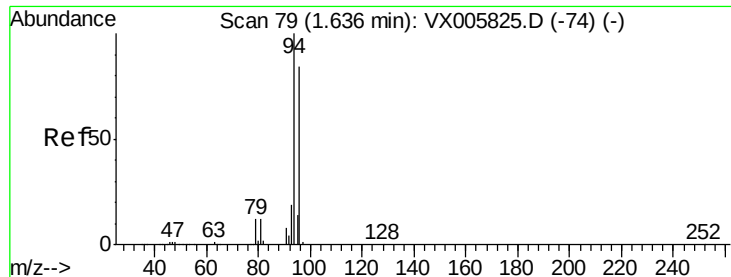
Tgt Ion: 62 Resp: 22856

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 18.137 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 94 Resp: 13747

Ion Ratio Lower Upper

94 100

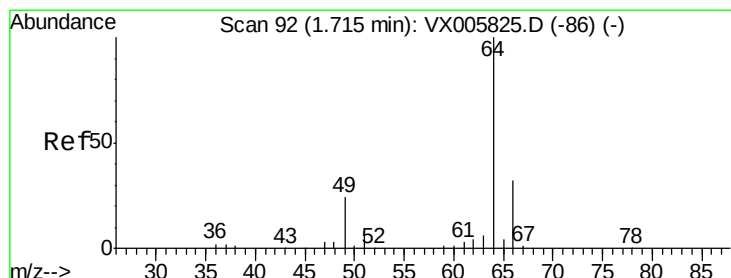
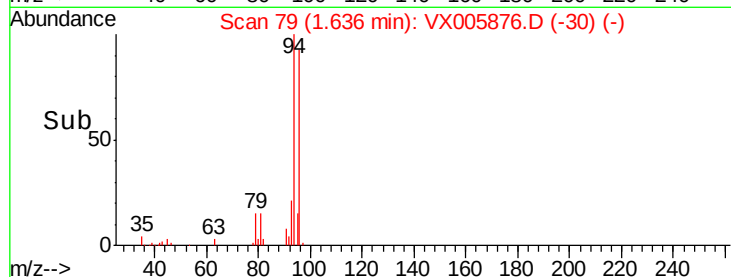
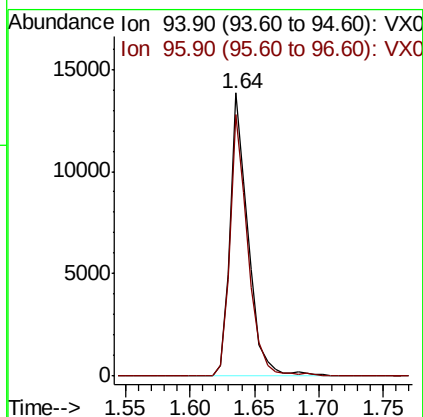
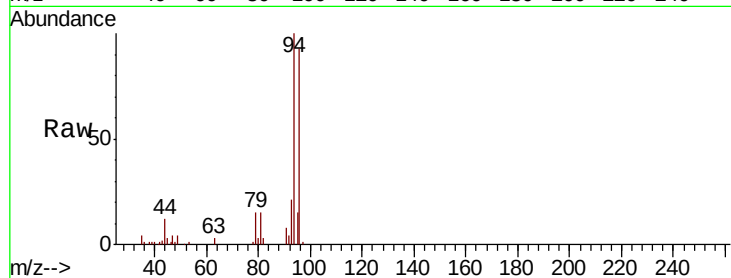
96 92.6 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 19.499 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005876.D

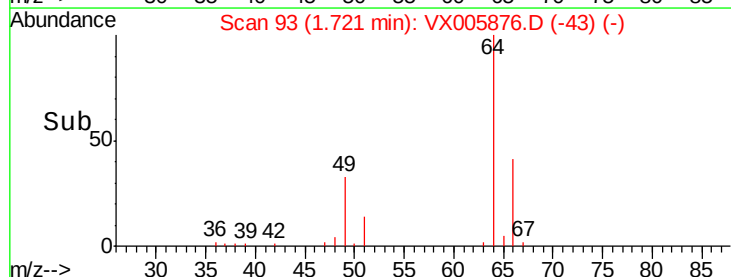
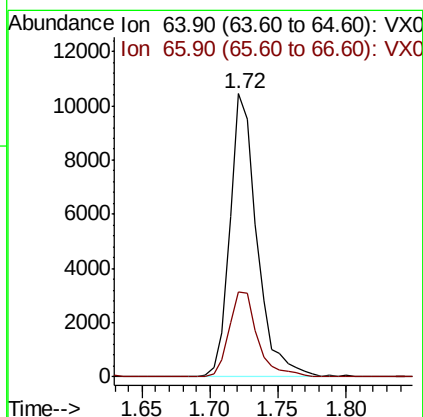
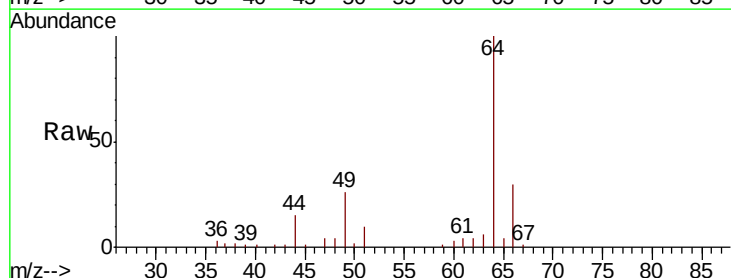
Acq: 09 Nov 2018 22:38

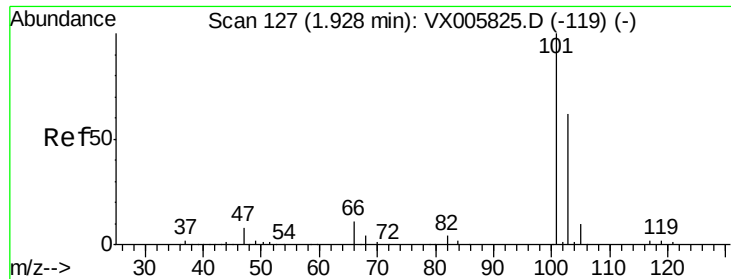
Tgt Ion: 64 Resp: 14410

Ion Ratio Lower Upper

64 100

66 30.0 25.8 38.6





#7

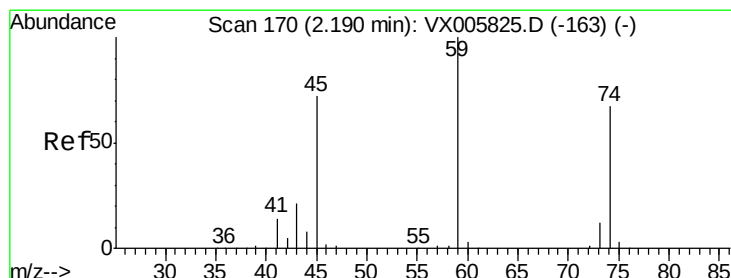
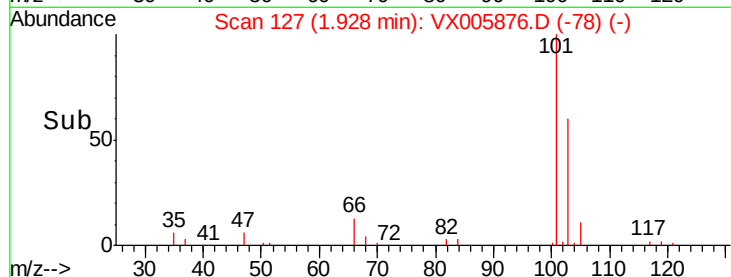
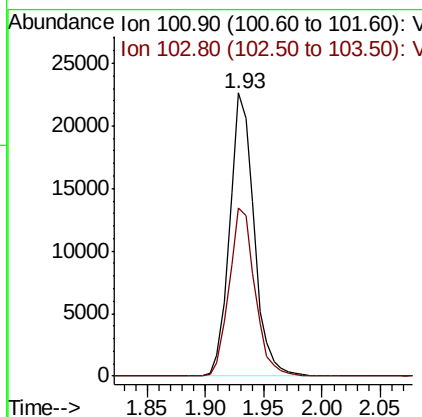
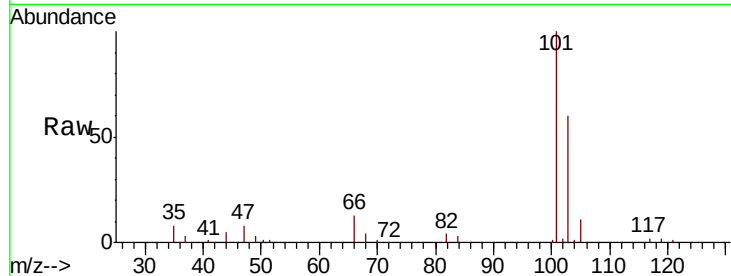
Trichlorofluoromethane
Concen: 20.055 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	59.6	50.0	75.0	

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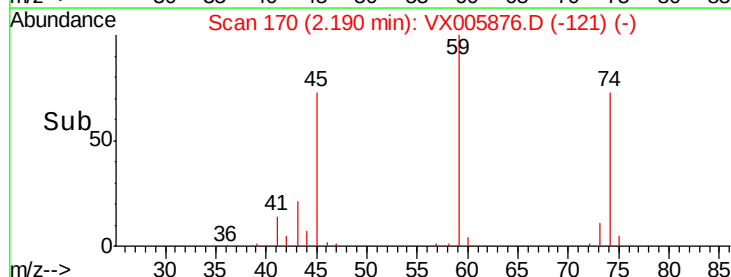
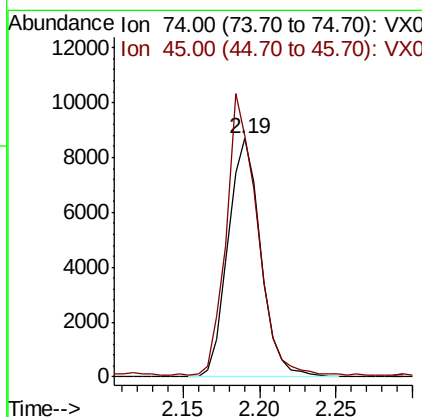
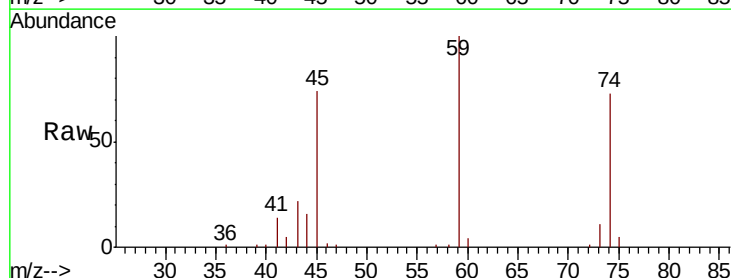
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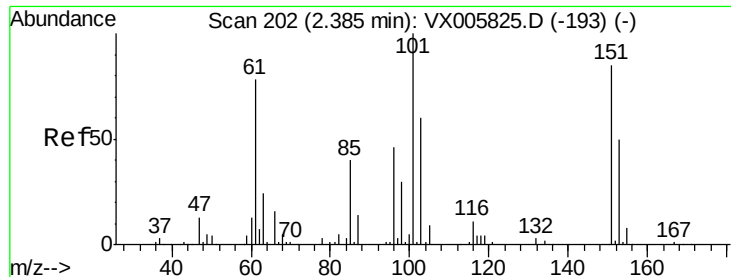


#8

Diethyl Ether
Concen: 19.939 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	112.7	54.1	162.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.846 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

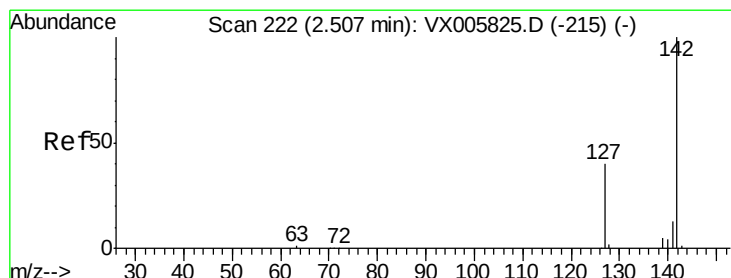
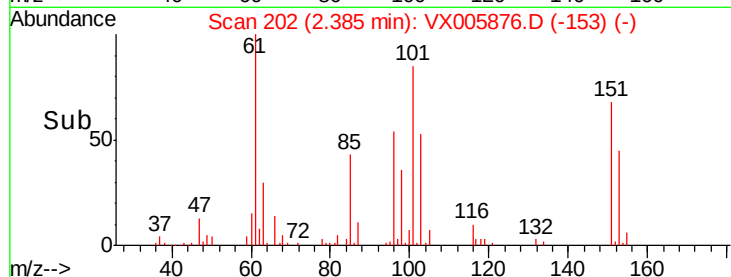
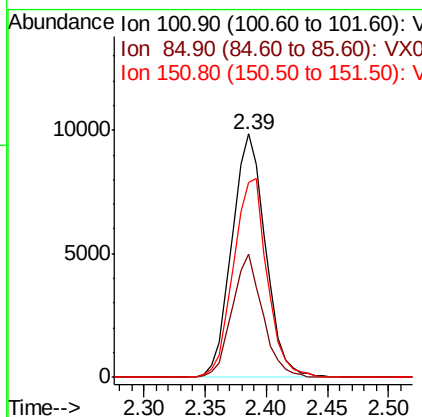
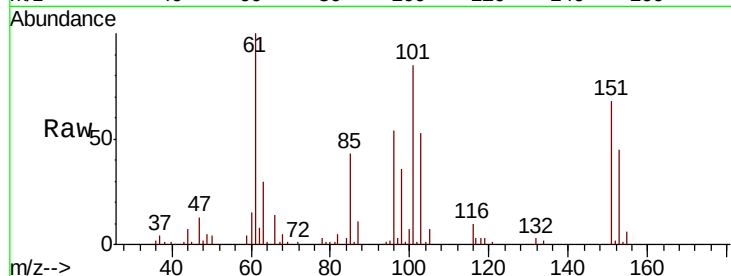
ClientSampleId :

VX1109MBS02

Tot Ion:	101	Resp:	18766
Ion Ratio	Lower	Upper	
101	100		
85	46.0	35.0	52.4
151	81.6	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.317 ug/l

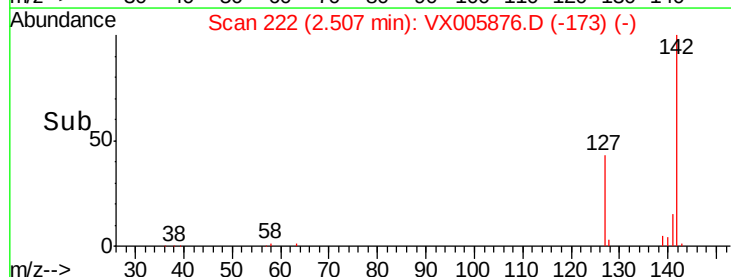
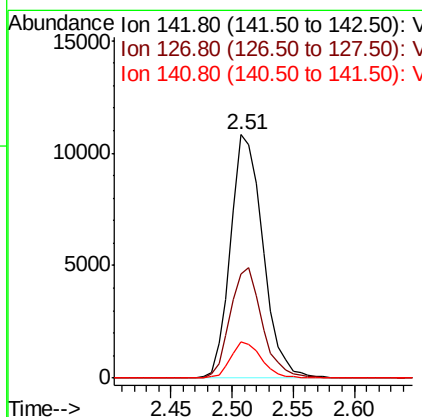
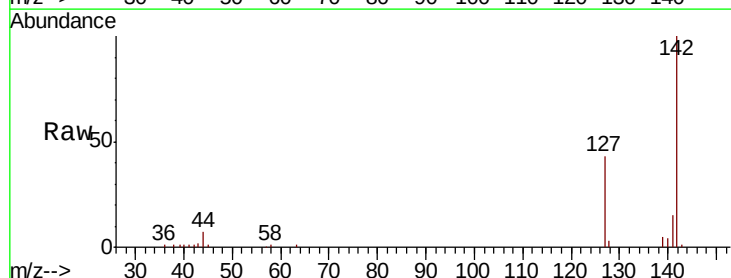
RT: 2.51 min Scan# 222

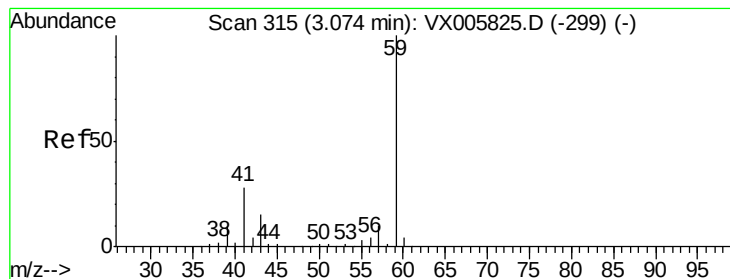
Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	142	Resp:	19845
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.0	54.0
141	14.0	11.7	17.5





#11

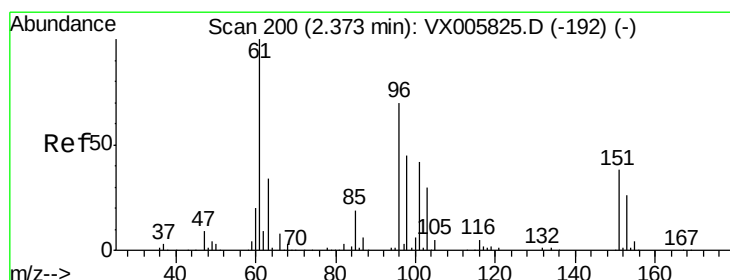
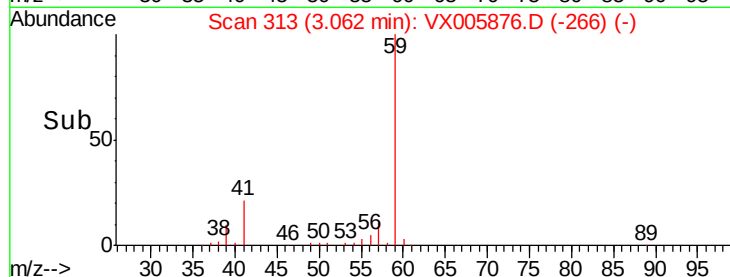
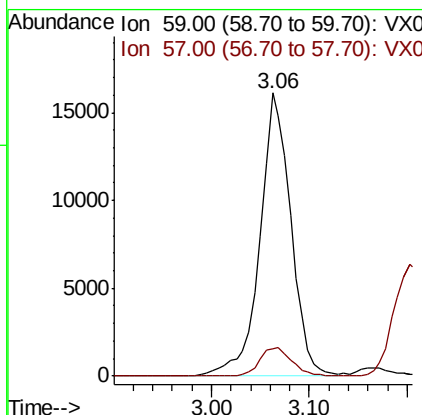
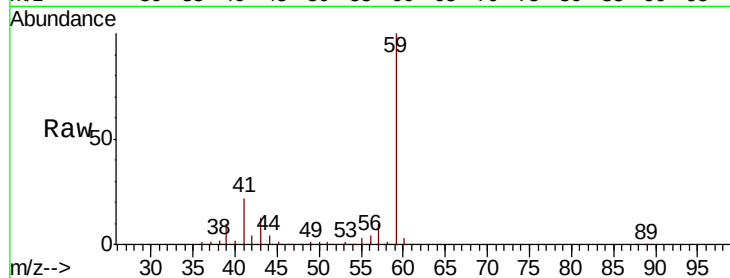
Tert butyl alcohol
 Concen: 103.329 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.01 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

Manual Integrations
 APPROVED

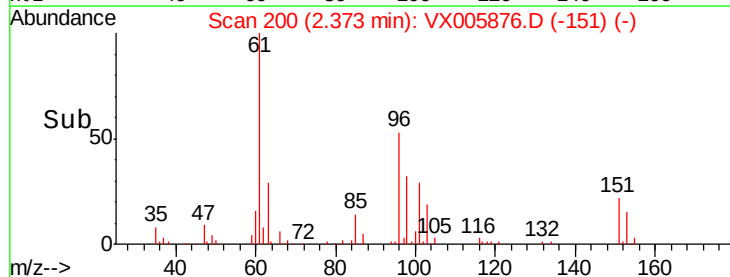
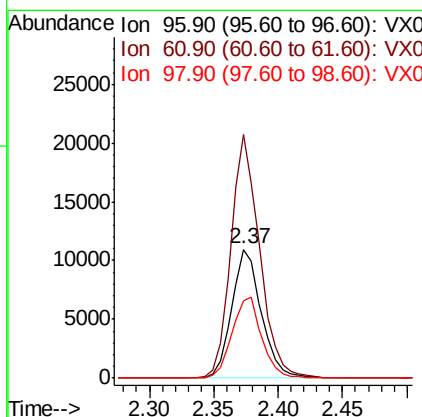
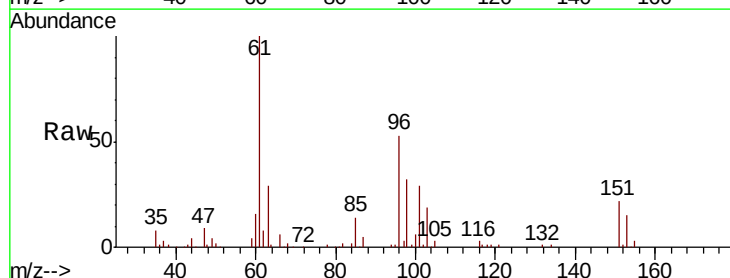
MMDadoda
 11/12/2018 9:12:02 AM

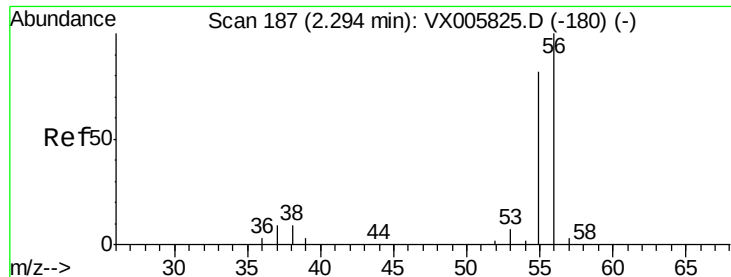


#12

1,1-Dichloroethene
 Concen: 18.971 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	189.4	131.8	197.8
98	59.7	53.4	80.2





#13

Acrolein

Concen: 90.491 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 56 Resp: 12648

Ion Ratio Lower Upper

56 100

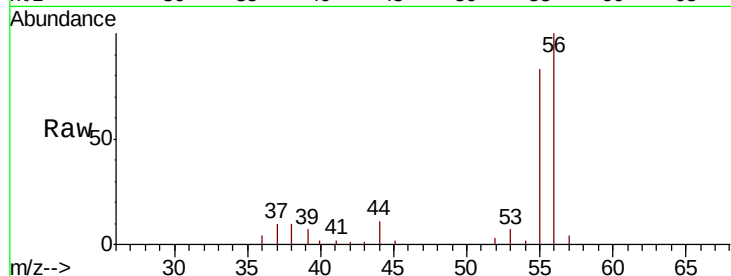
55 73.7 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

8000

6000

4000

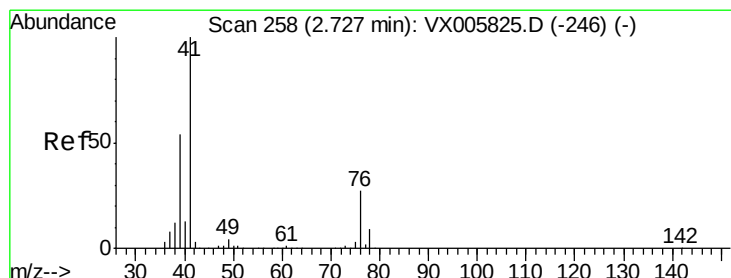
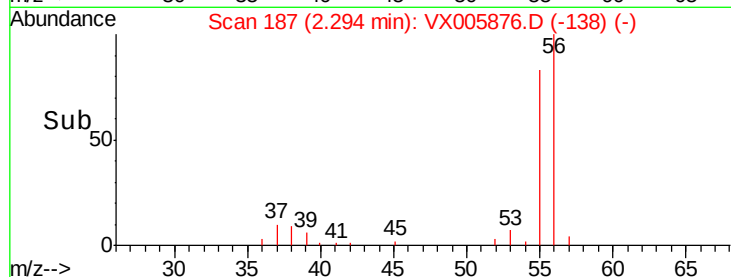
2000

0

Time-->

2.20 2.25 2.30 2.35 2.40

2.29



#14

Allyl chloride

Concen: 20.548 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

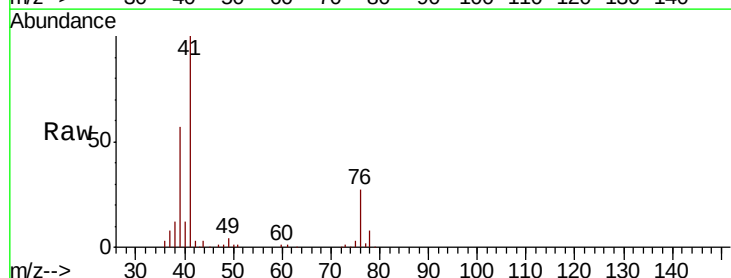
Tgt Ion: 41 Resp: 42296

Ion Ratio Lower Upper

41 100

39 58.4 48.2 72.4

76 27.3 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

25000

20000

15000

10000

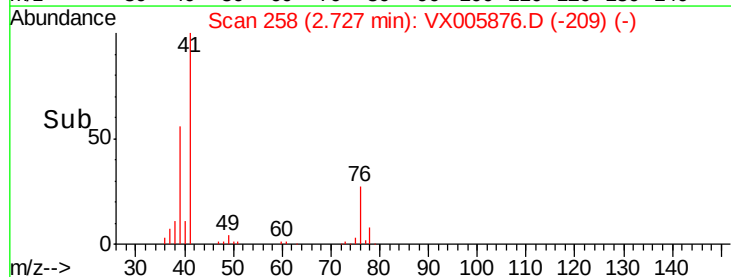
5000

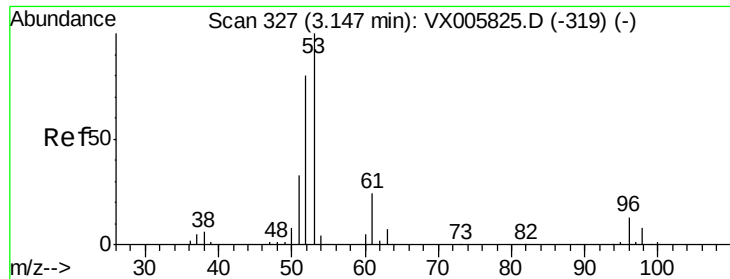
0

Time-->

2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 102.451 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

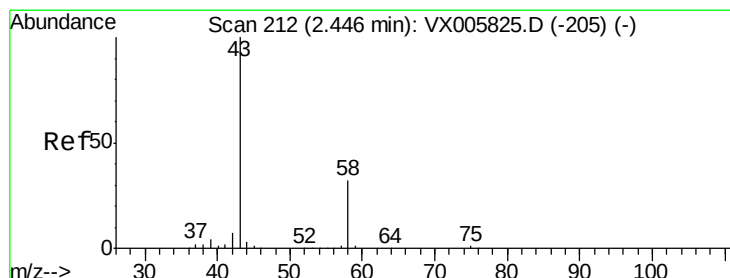
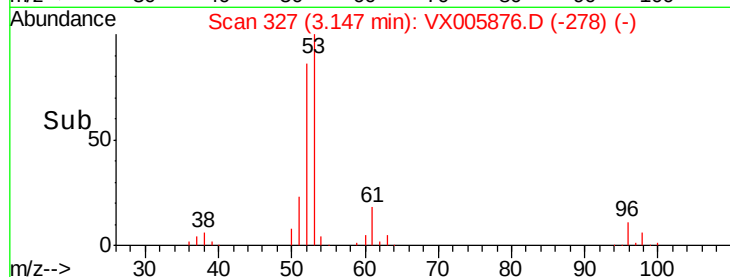
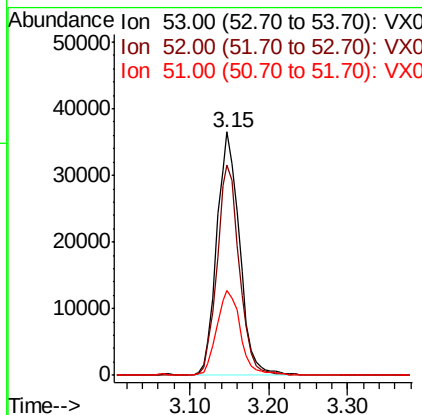
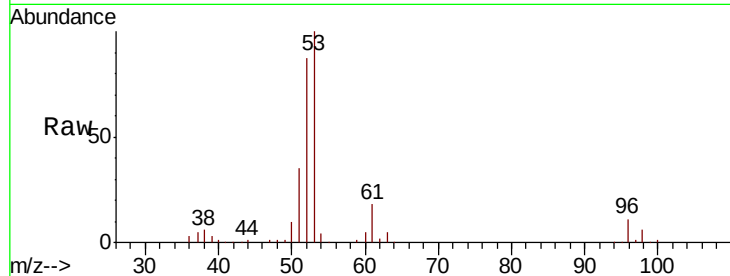
ClientSampleId :

VX1109MBS02

Tot Ion:	53	Resp:	72907
Ion Ratio	Lower	Upper	
53	100		
52	85.1	66.6	99.8
51	36.8	28.4	42.6

Manual Integrations
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MMDadoda
11/12/2018 9:12:02 AM



#16

Acetone

Concen: 105.402 ug/l

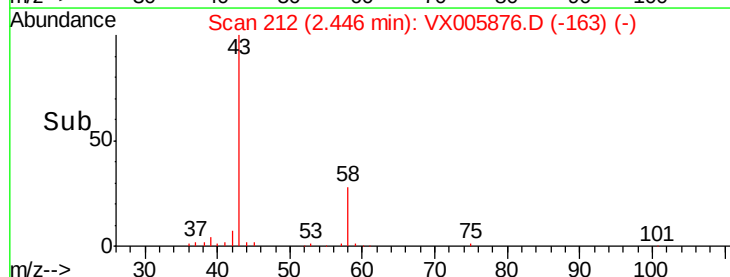
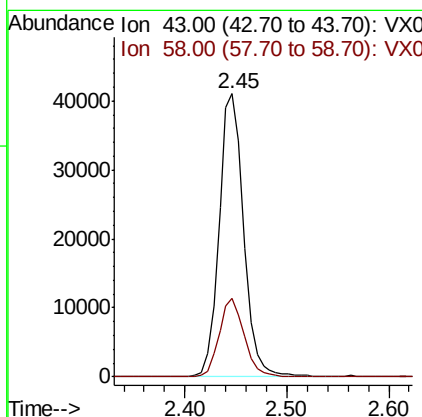
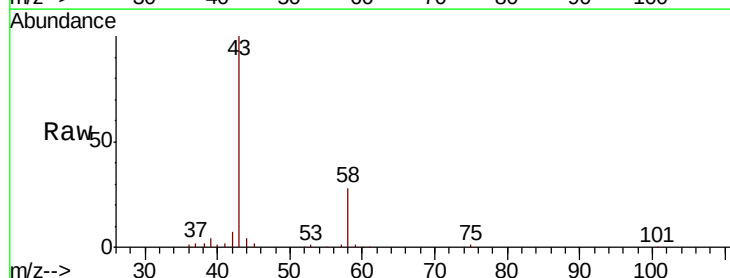
RT: 2.45 min Scan# 212

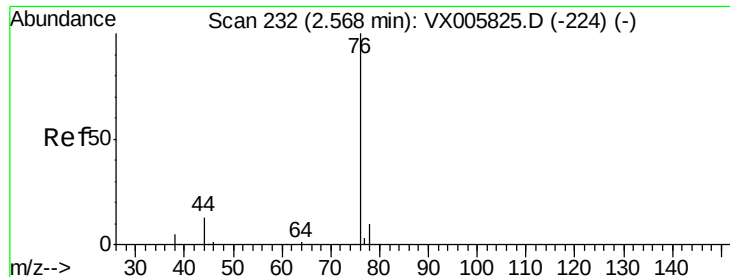
Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	43	Resp:	68028
Ion Ratio	Lower	Upper	
43	100		
58	28.0	23.8	35.6





#17

Carbon Disulfide

Concen: 18.583 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 76 Resp: 51086

Ion Ratio Lower Upper

76 100

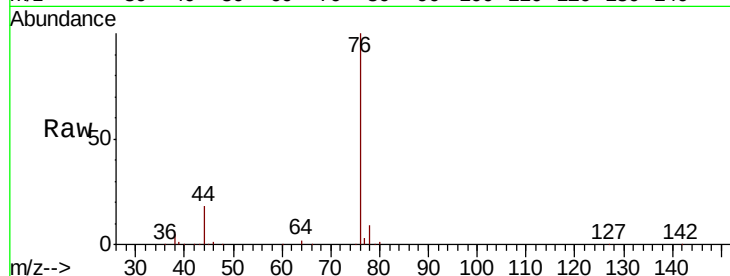
78 9.1 7.3 10.9

Manual Integrations

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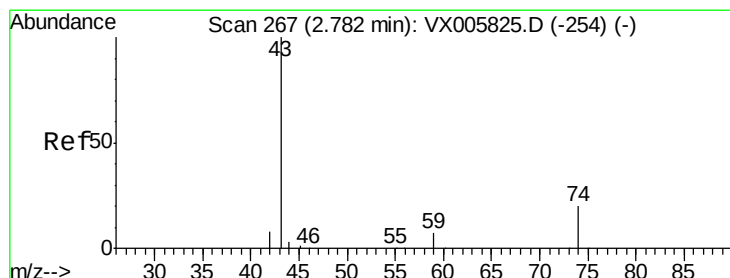
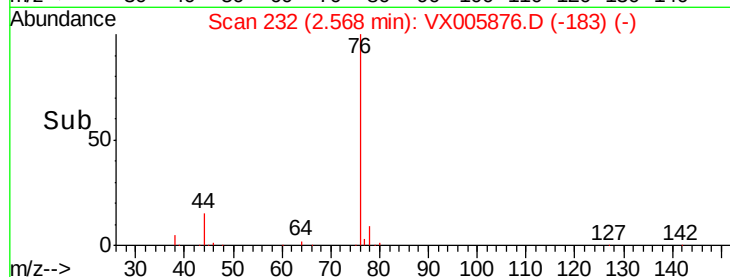
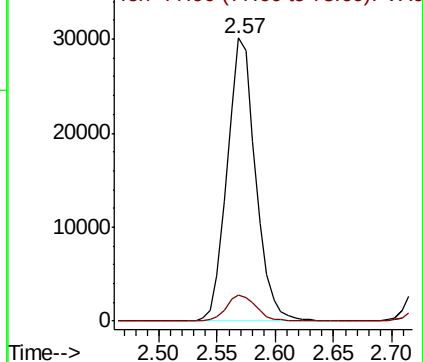
MMDadoda

11/12/2018 9:12:02 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.433 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005876.D

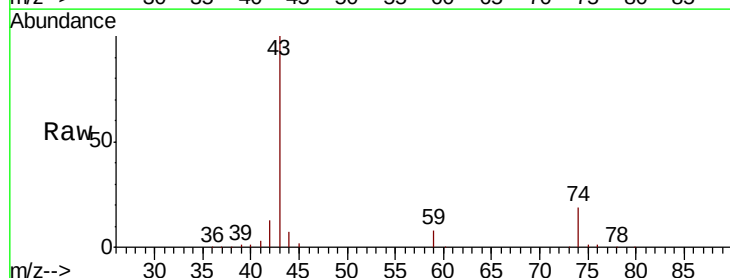
Acq: 09 Nov 2018 22:38

Tgt Ion: 43 Resp: 38537

Ion Ratio Lower Upper

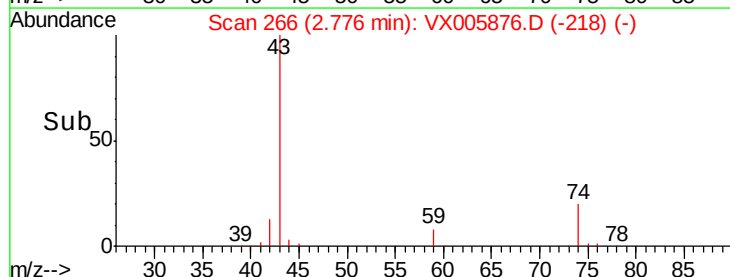
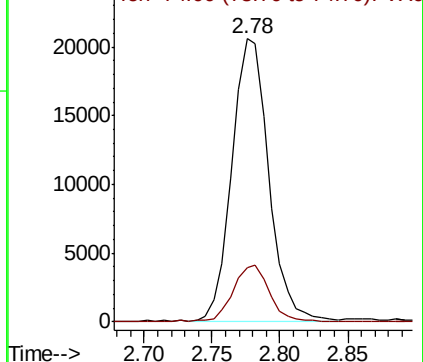
43 100

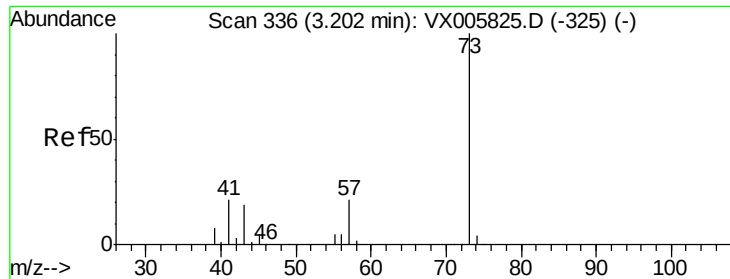
74 20.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





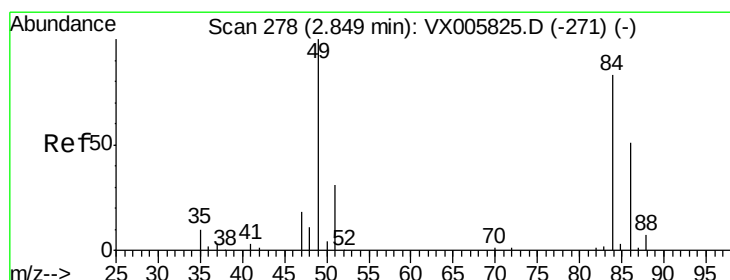
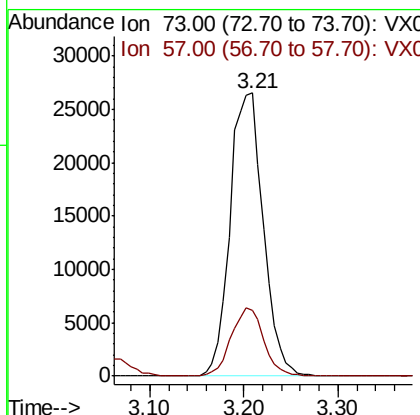
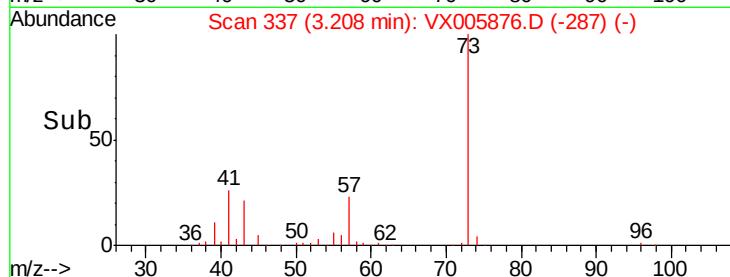
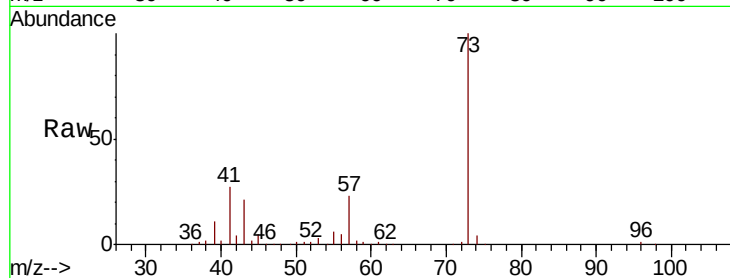
#19
Methyl tert-butyl Ether
Concen: 20.688 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion: 73 Resp: 65076
Ion Ratio Lower Upper
73 100
57 23.1 18.8 28.2

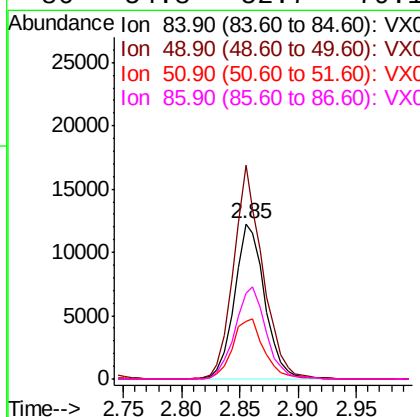
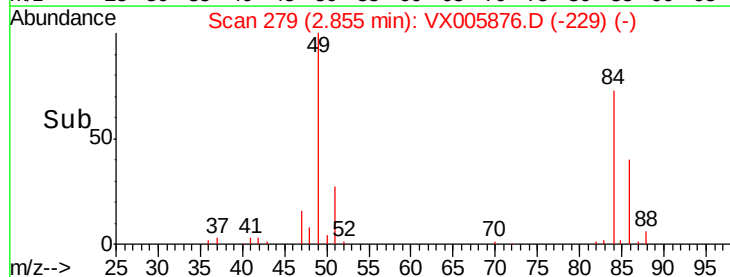
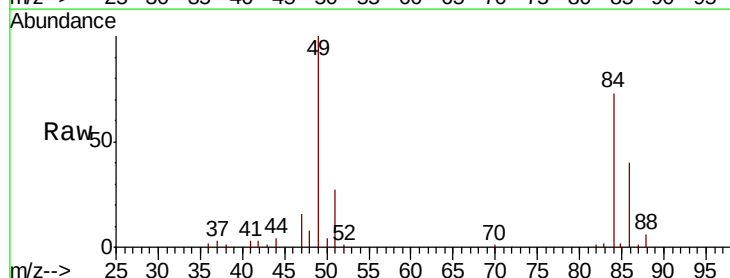
Manual Integrations
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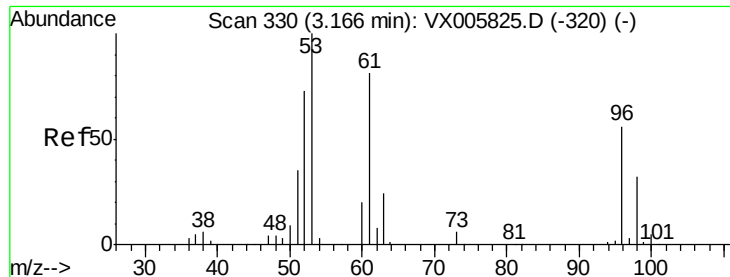
MMDadoda
11/12/2018 9:12:02 AM



#20
Methylene Chloride
Concen: 20.966 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion: 84 Resp: 22228
Ion Ratio Lower Upper
84 100
49 137.4 109.5 164.3
51 37.3 33.3 49.9
86 54.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.680 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

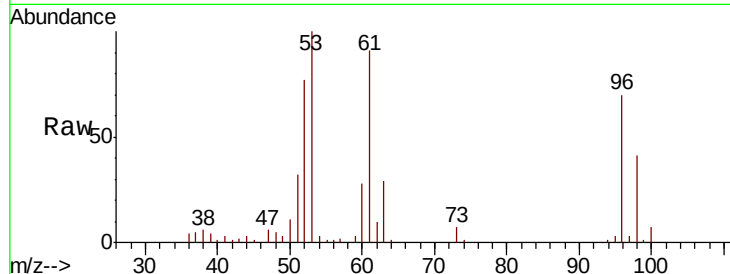
ClientSampleId :

VX1109MBS02

Tot Ion:	96	Resp:	19131
Ion	Ratio	Lower	Upper
96	100		
61	130.5	115.6	173.4
98	59.0	50.2	75.2

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:12:02 AM

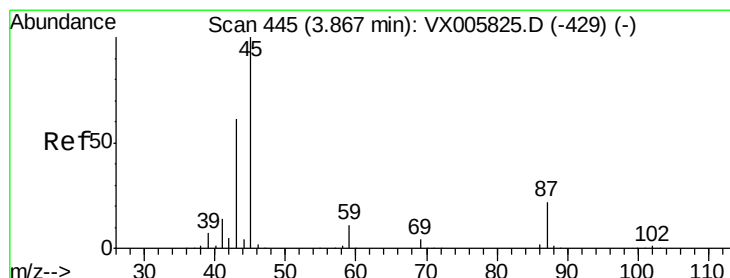
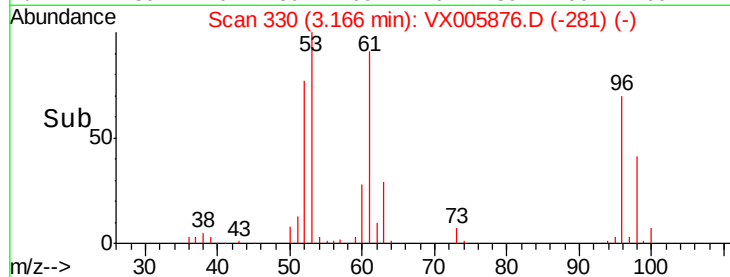
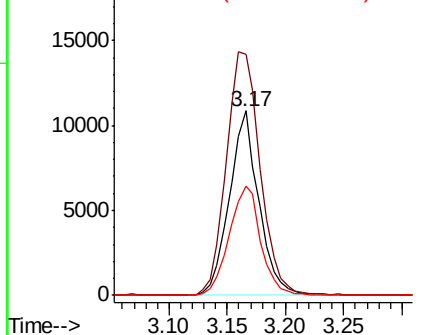


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.435 ug/l

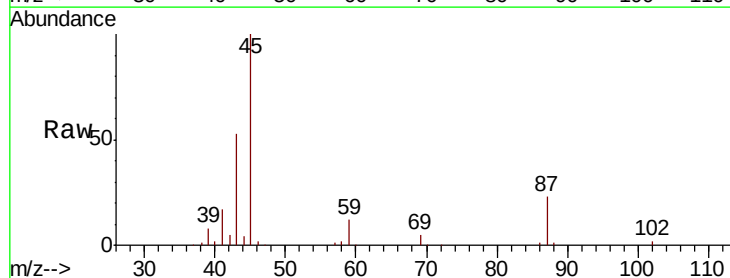
RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	45	Resp:	73685
Ion	Ratio	Lower	Upper
45	100		
43	51.9	47.4	71.2
87	22.7	15.9	23.9
59	12.1	7.7	11.5#



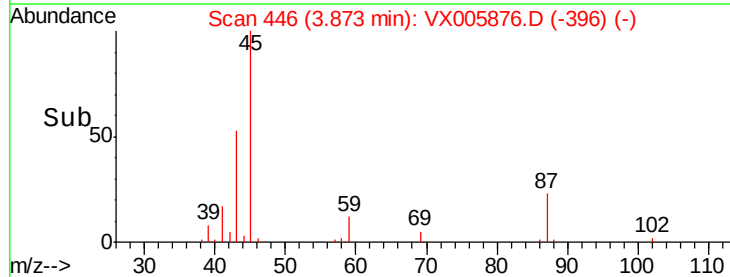
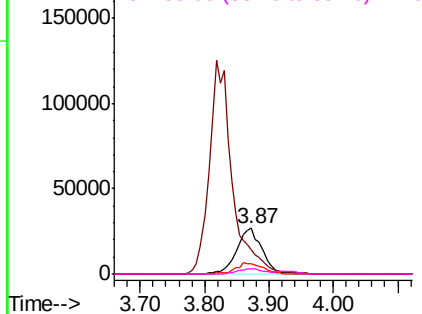
Abundance

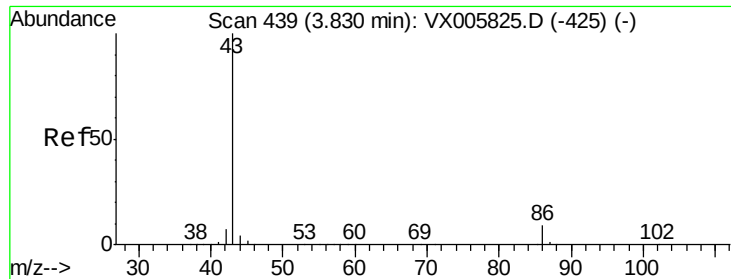
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.652 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 43 Resp: 314273

Ion Ratio Lower Upper

43 100

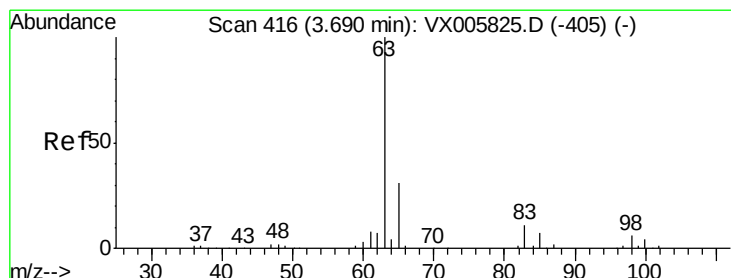
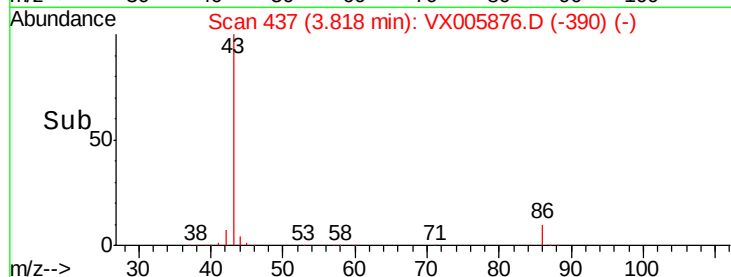
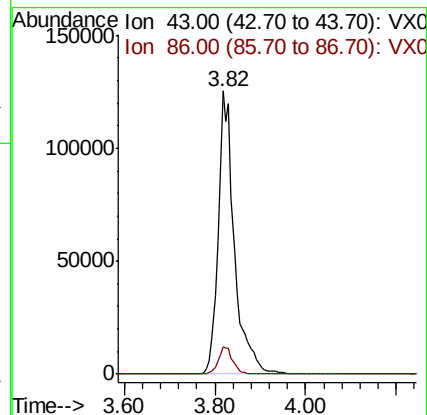
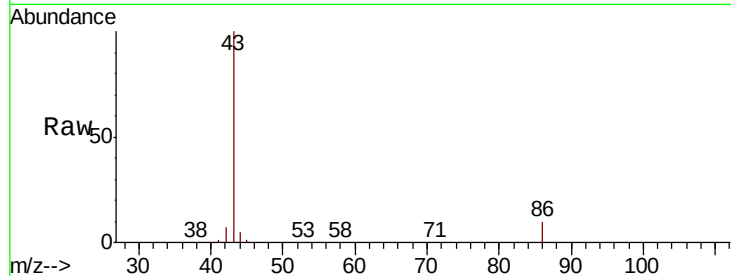
86 9.6 7.4 11.2

Manual Integrations

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MMDadoda

11/12/2018 9:12:02 AM



#24

1,1-Dichloroethane

Concen: 20.343 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

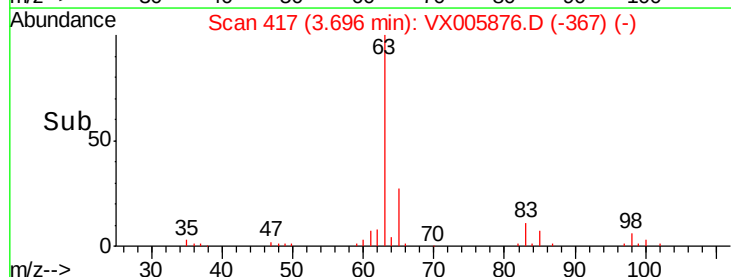
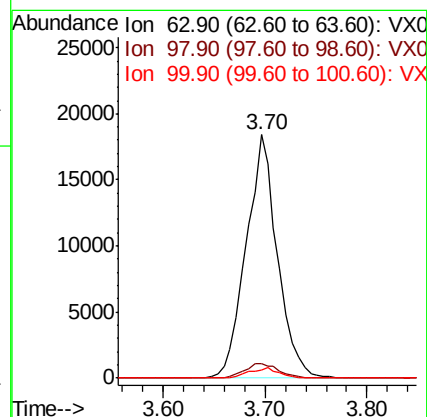
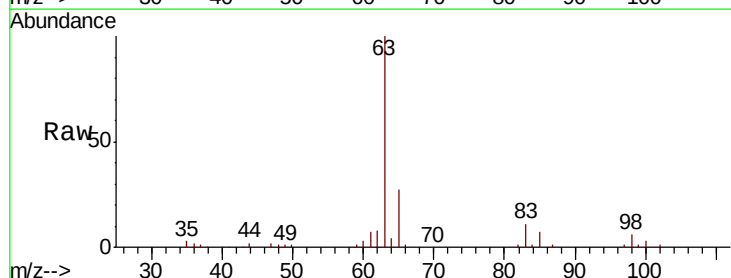
Tgt Ion: 63 Resp: 39134

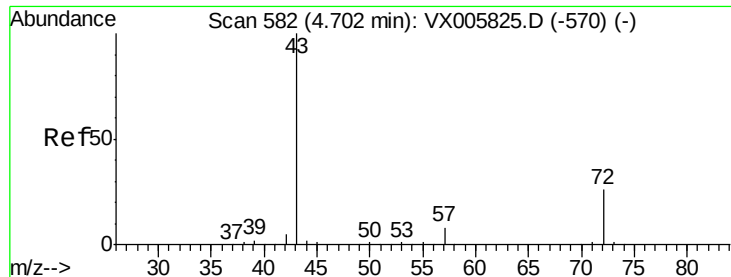
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.2 2.1 6.2





#25

2-Butanone

Concen: 104.351 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 43 Resp: 105884

Ion Ratio Lower Upper

43 100

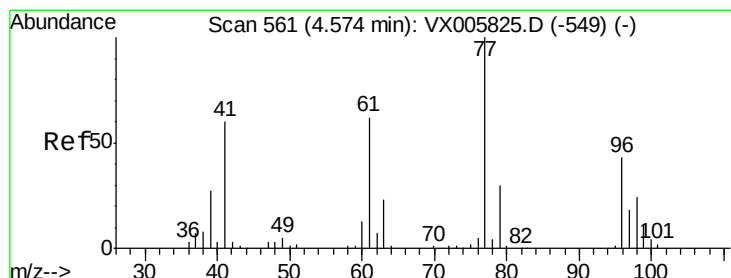
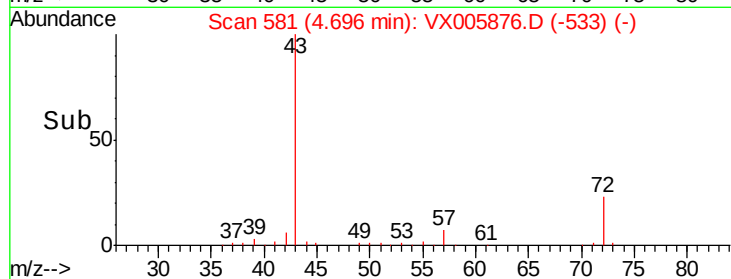
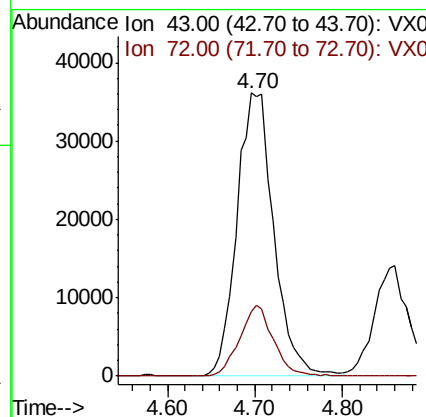
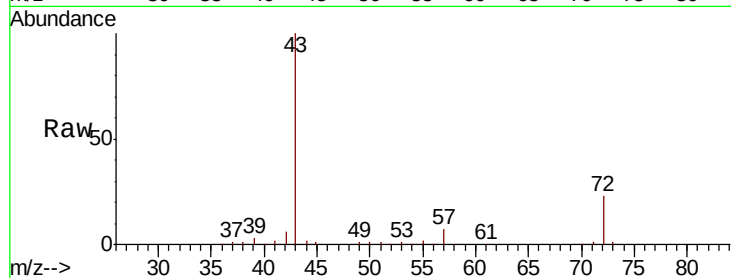
72 22.9 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 17.970 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005876.D

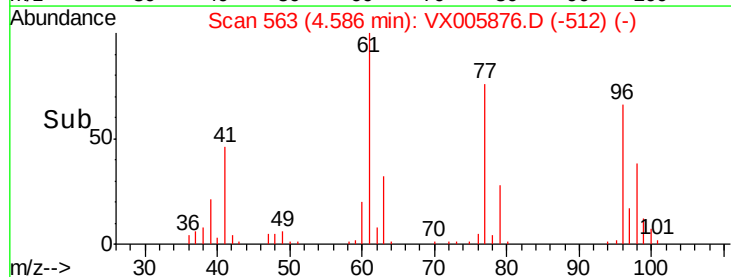
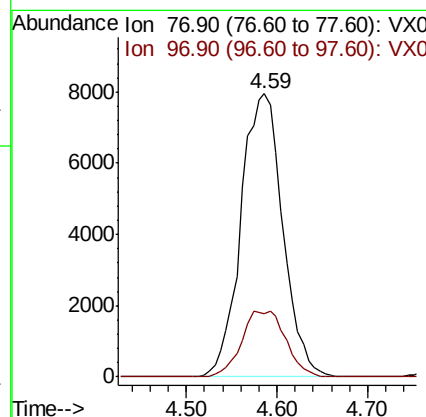
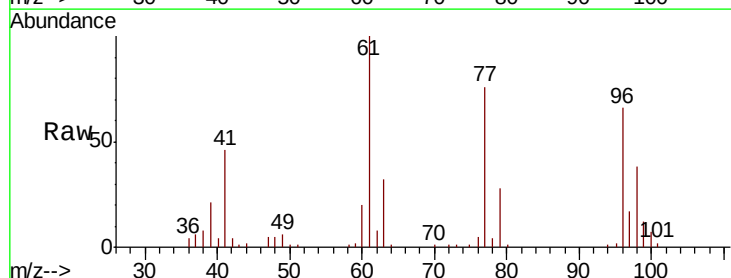
Acq: 09 Nov 2018 22:38

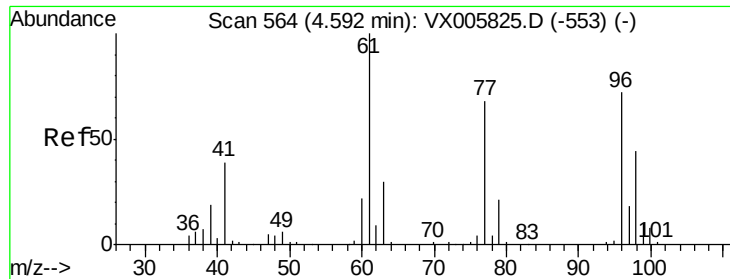
Tgt Ion: 77 Resp: 25359

Ion Ratio Lower Upper

77 100

97 24.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.477 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 96 Resp: 21979

Ion Ratio Lower Upper

96 100

61 150.8 0.0 304.6

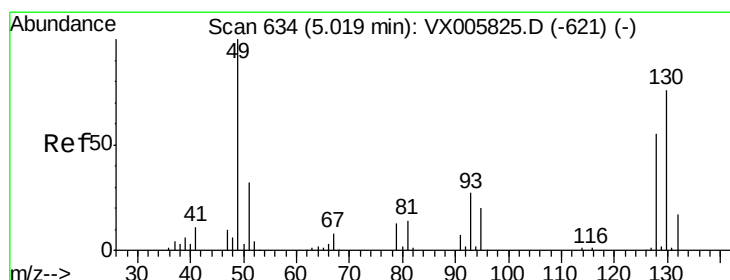
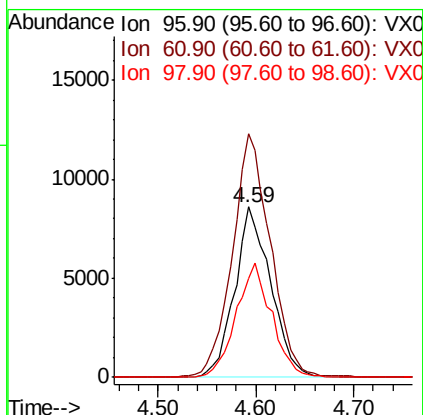
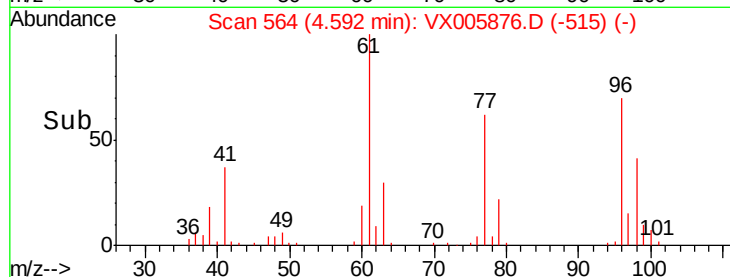
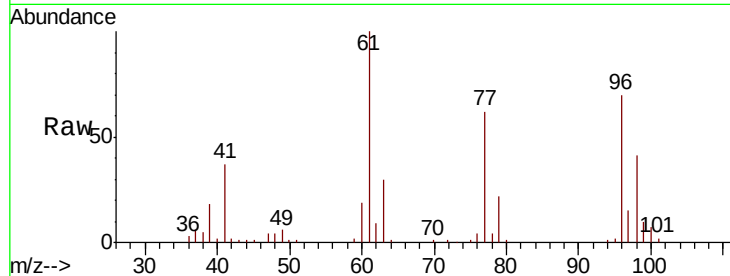
98 65.9 0.0 127.4

Manual Integrations

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#28

Bromochloromethane

Concen: 22.151 ug/l

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

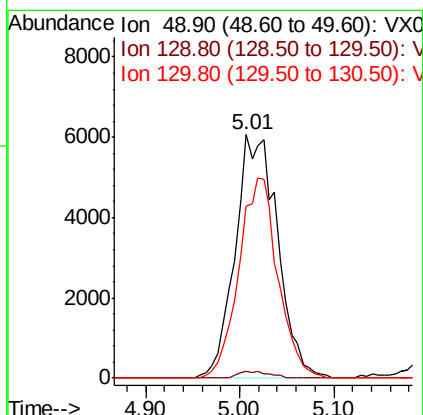
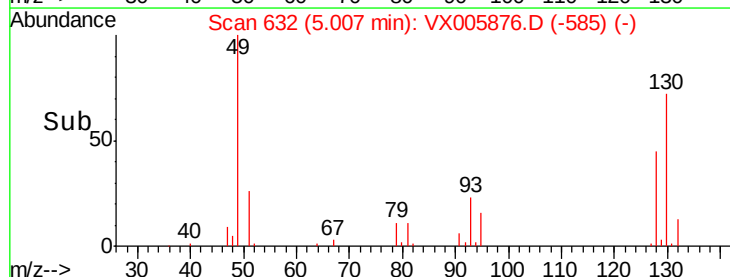
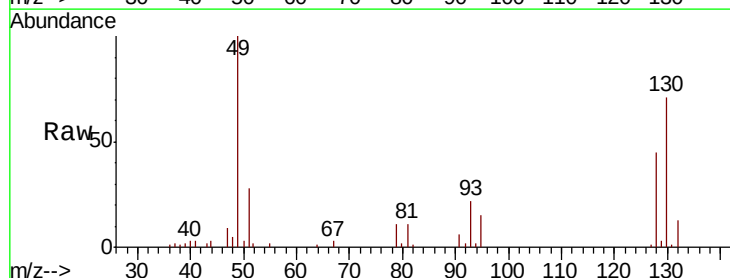
Tgt Ion: 49 Resp: 19045

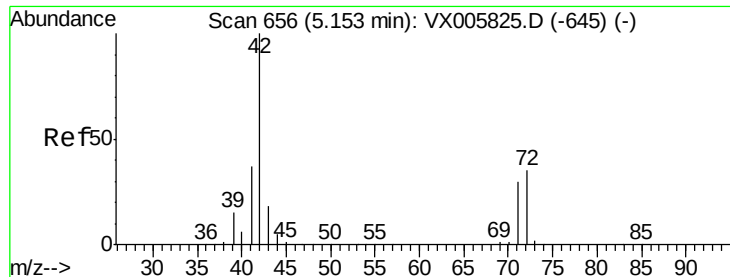
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 75.8 58.9 88.3





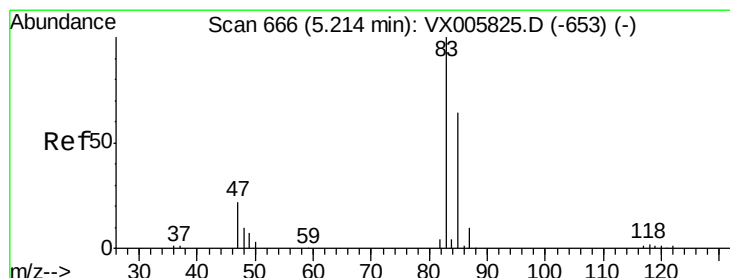
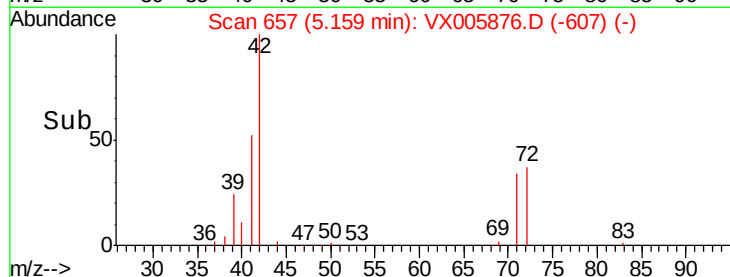
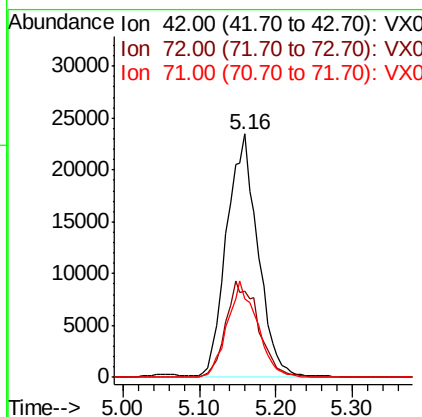
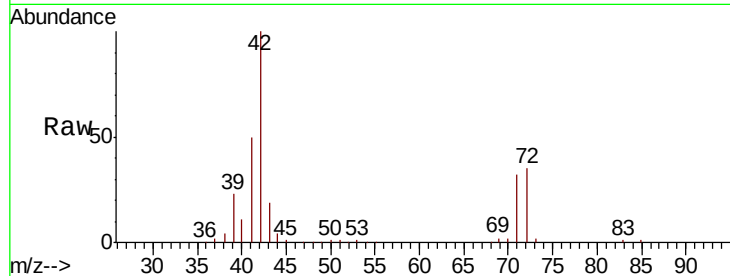
#29
Tetrahydrofuran
Concen: 101.905 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.0	48.0
71	38.0	29.8	44.8

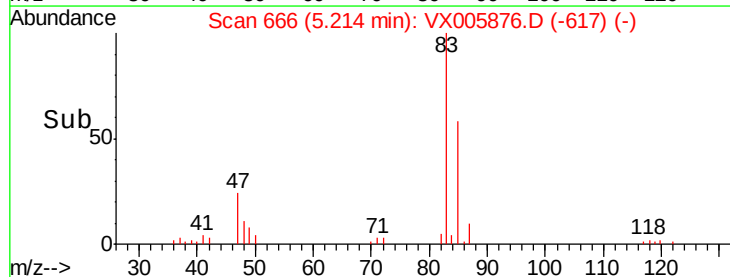
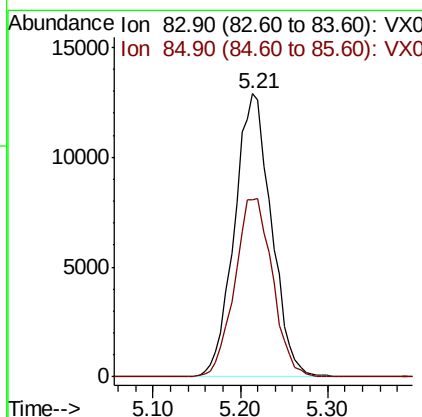
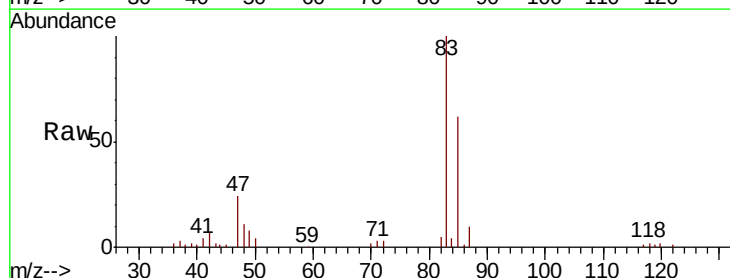
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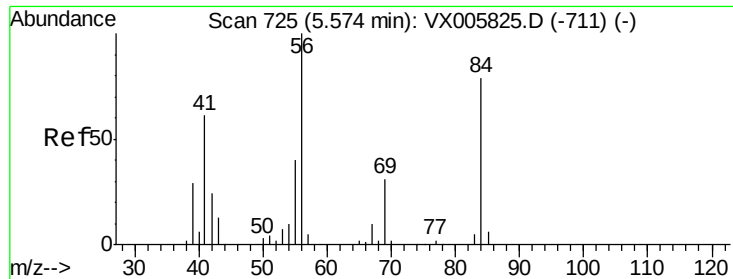
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#30
Chloroform
Concen: 20.381 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.6	76.0





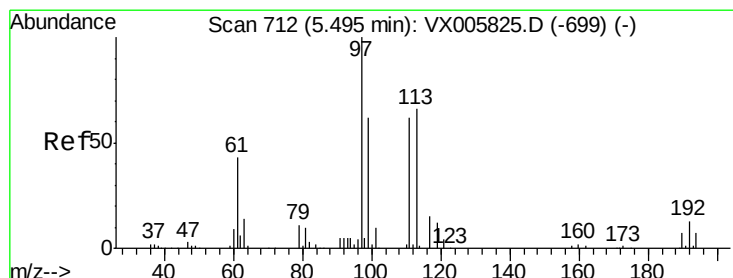
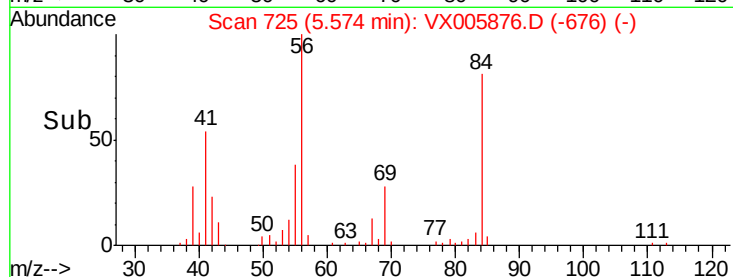
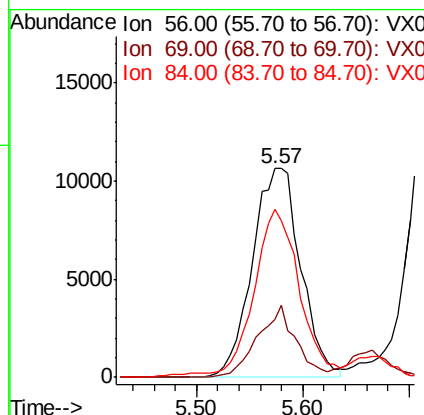
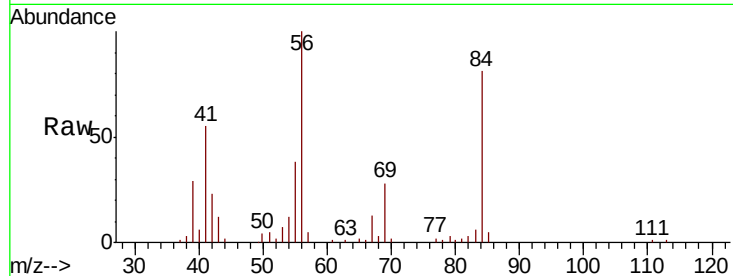
#31
Cyclohexane
Concen: 20.241 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.6	34.0
84	78.5	62.7	94.1

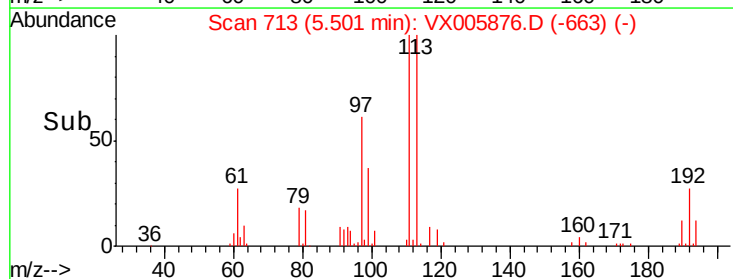
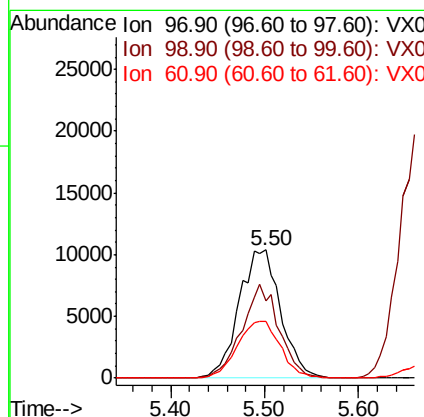
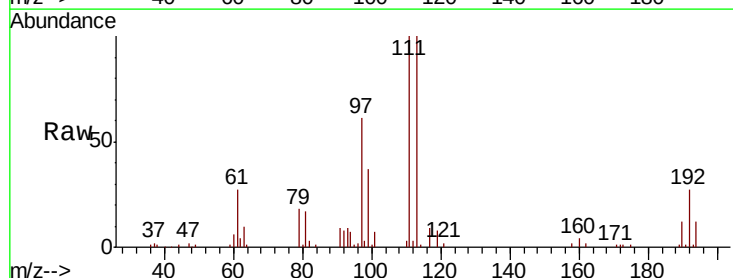
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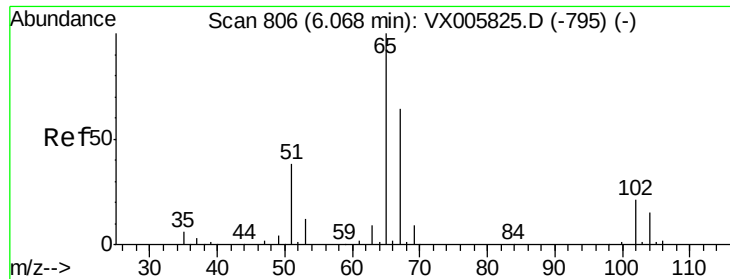
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#32
1,1,1-Trichloroethane
Concen: 20.659 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.3	78.5
61	46.1	35.2	52.8





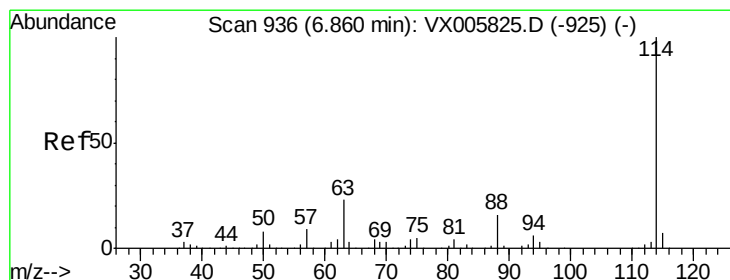
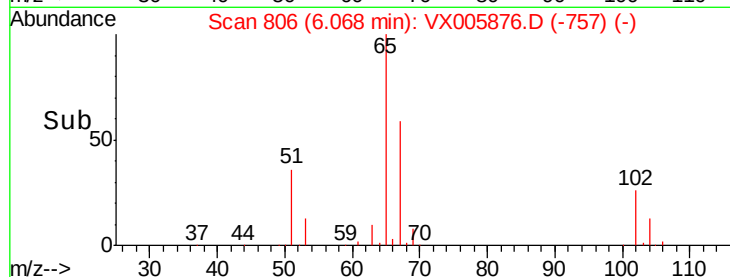
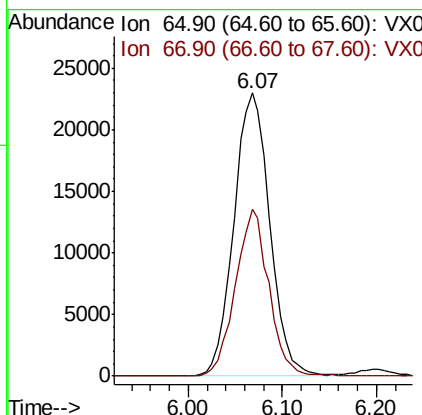
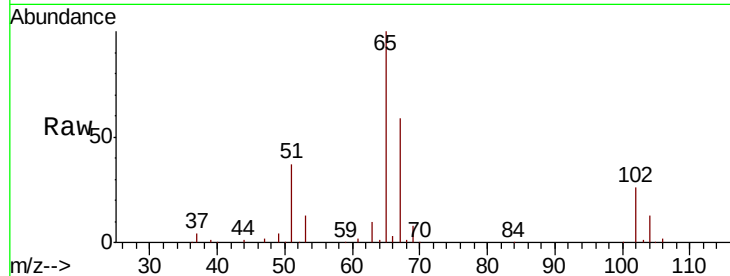
#33
 1,2-Dichloroethane-d4
 Concen: 51.136 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	105.0

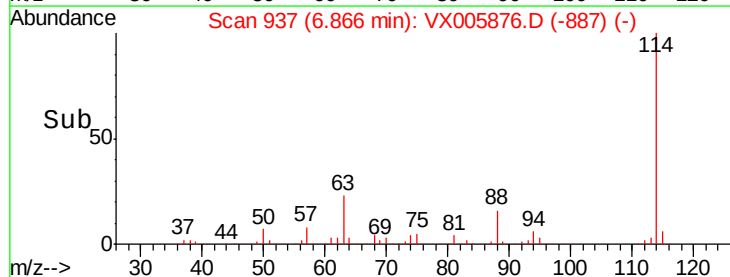
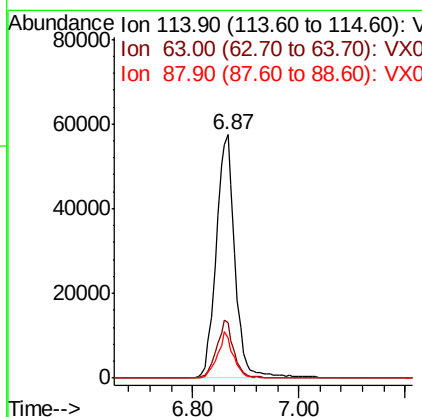
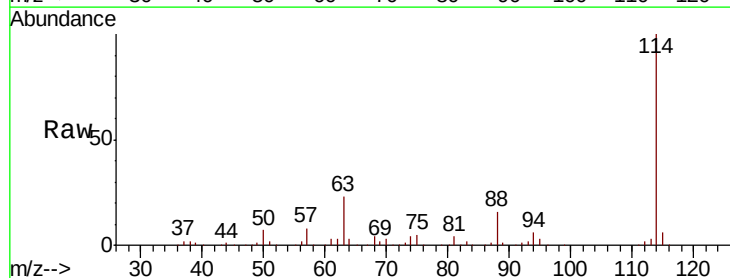
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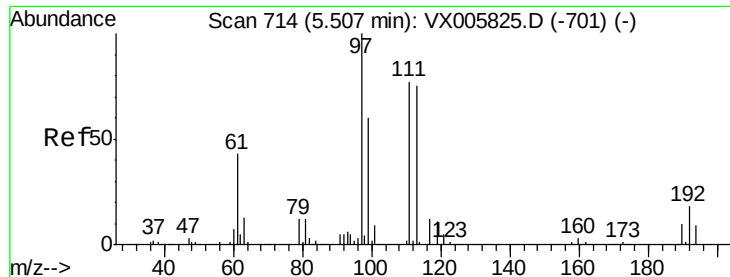
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 11/12/2018 9:12:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	42.8
88	16.2	0.0	31.2





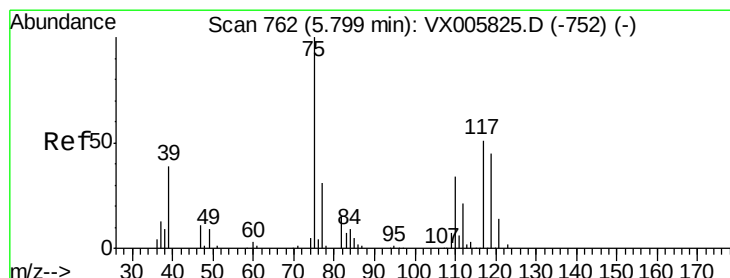
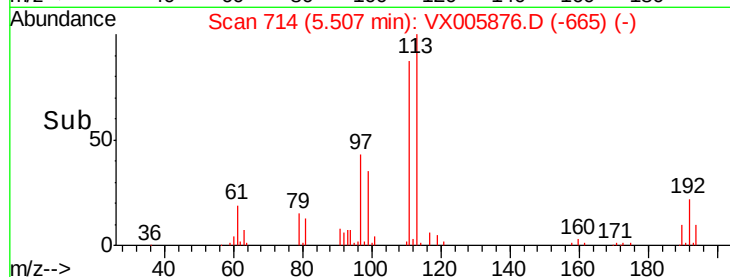
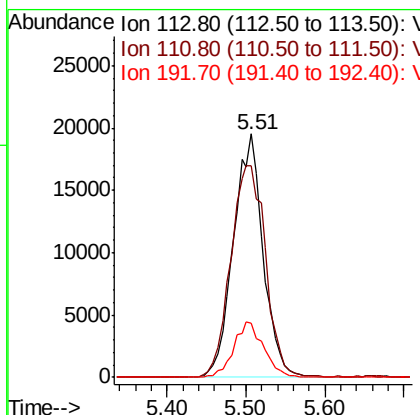
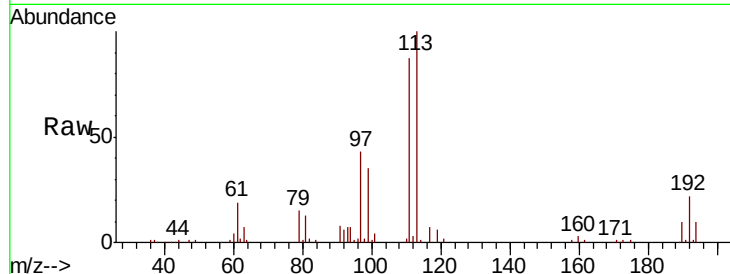
#35
 Dibromofluoromethane
 Concen: 53.038 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	51004		
111	102.3		82.3	123.5
192	23.0		17.9	26.9

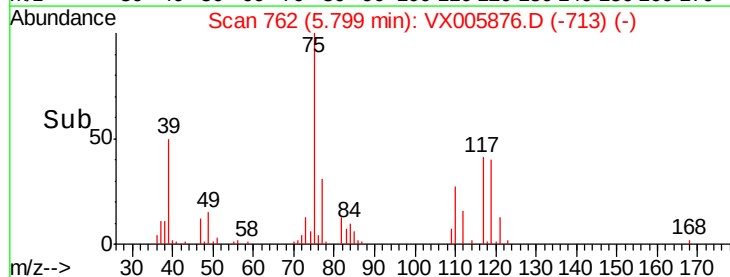
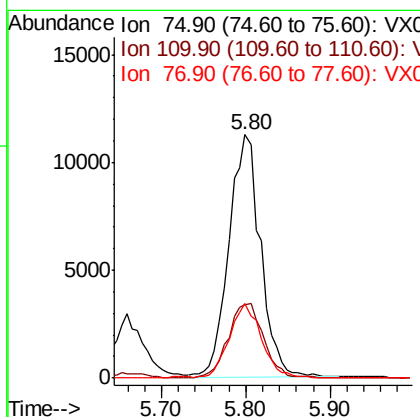
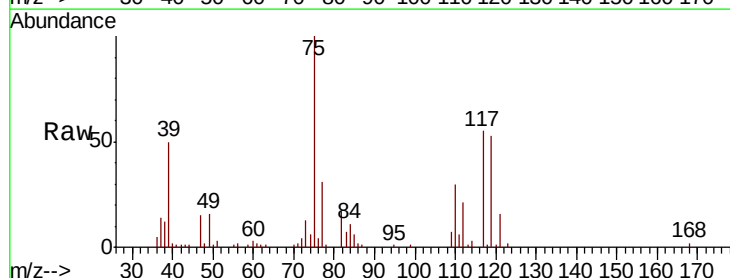
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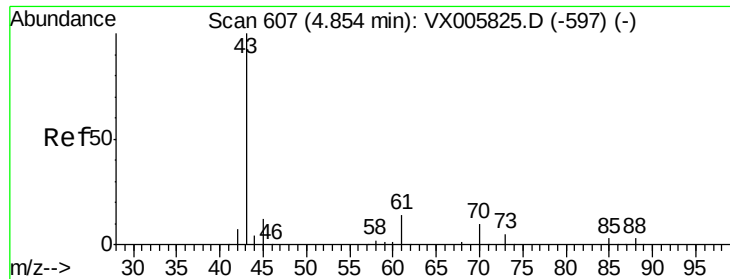
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#36
 1,1-Dichloropropene
 Concen: 20.893 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28478		
110	34.5		17.4	52.2
77	31.5		25.8	38.6





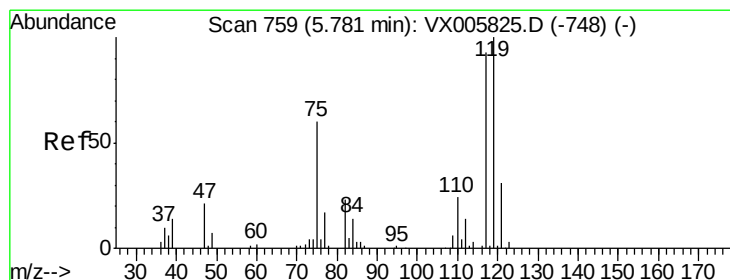
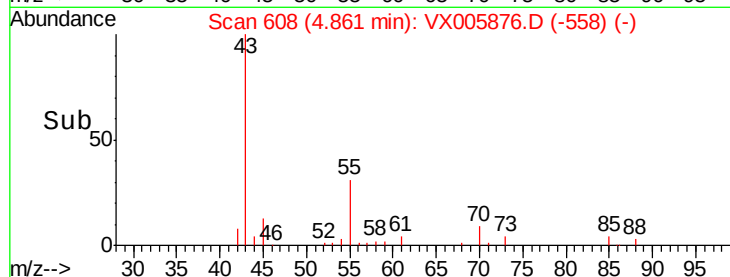
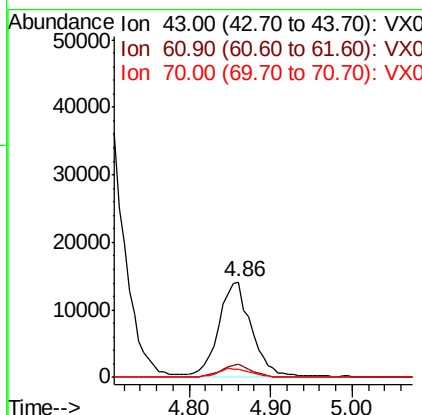
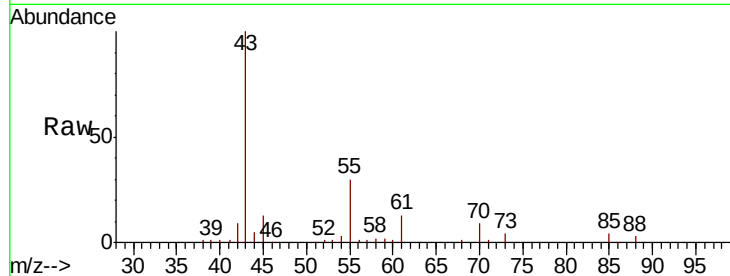
#37
Ethyl Acetate
Concen: 21.806 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.8	16.2
70	9.4	7.8	11.8

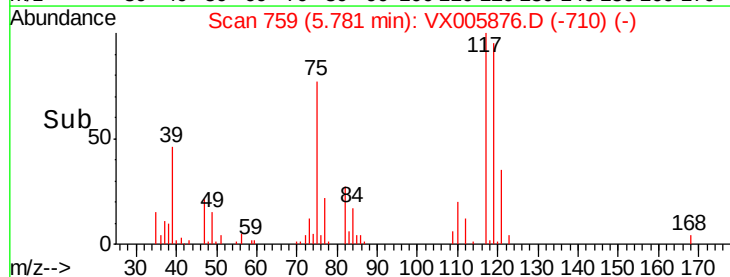
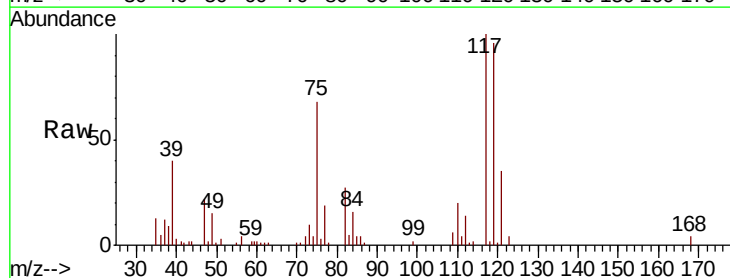
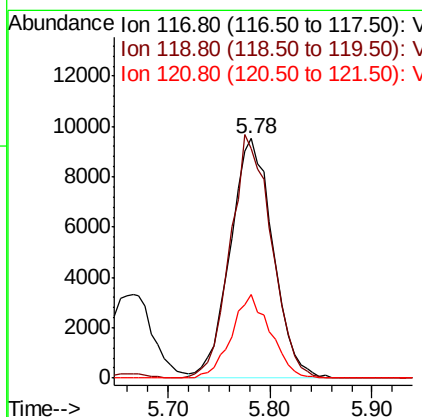
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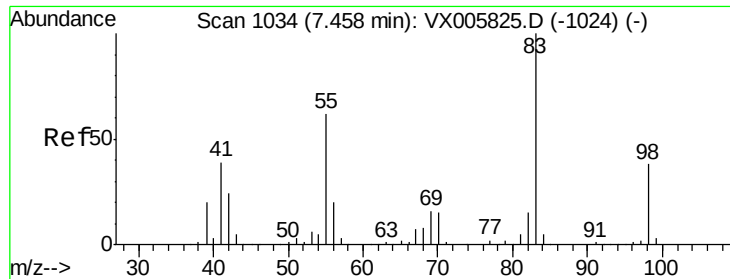
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#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
121	35.2	24.6	36.8





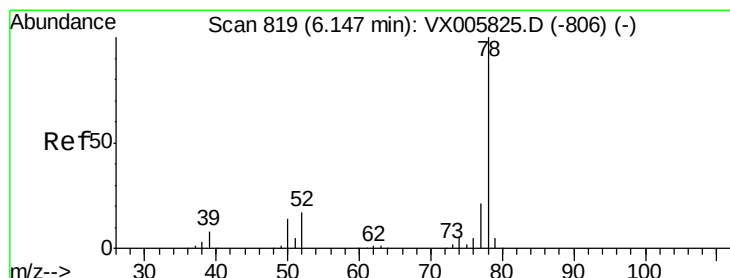
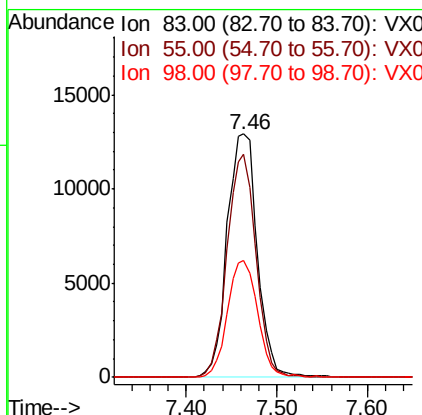
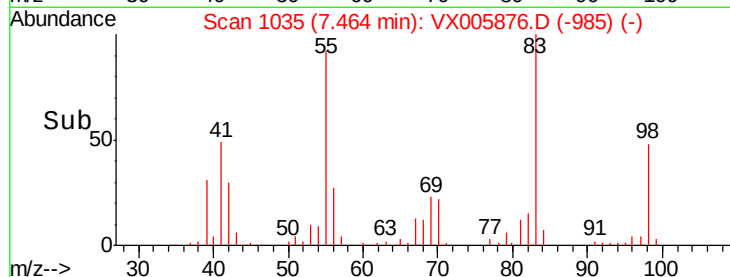
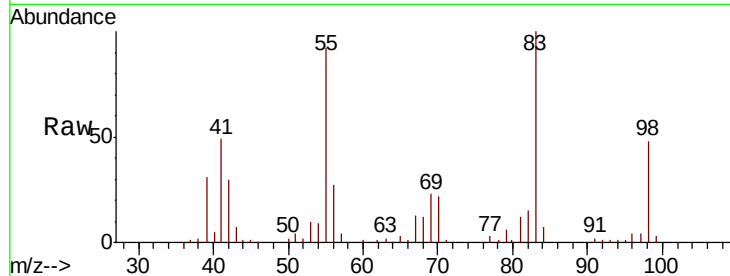
#39
Methylvclclohexane
Concen: 21.598 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.6	63.7	95.5
98	47.9	36.2	54.2

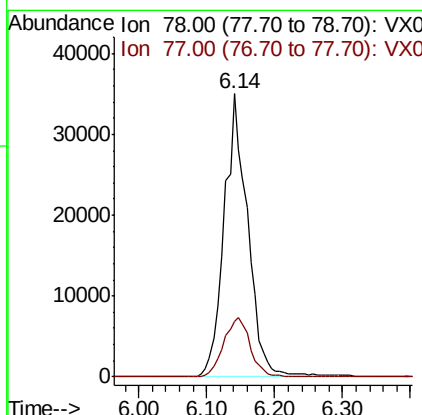
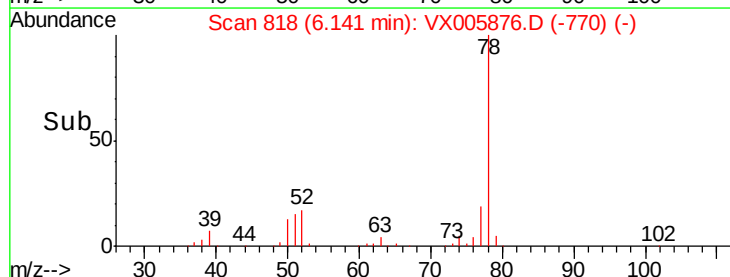
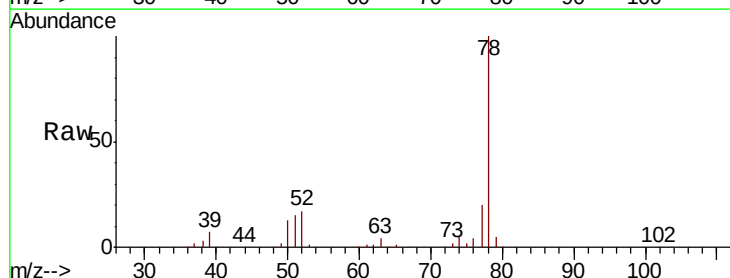
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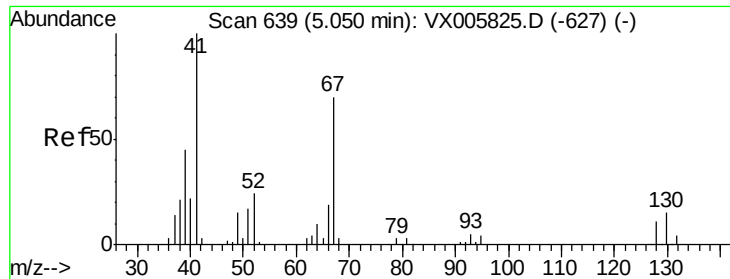
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11/12/2018 9:12:02 AM



#40
Benzene
Concen: 21.242 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.7	18.4	27.6





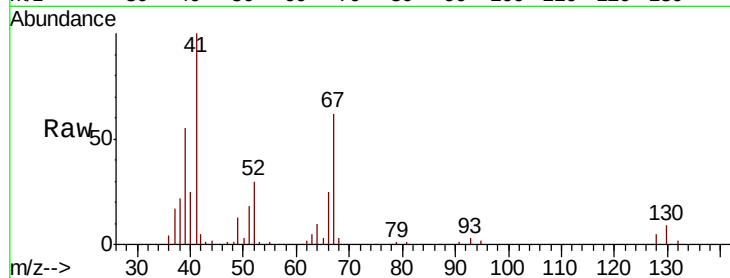
#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

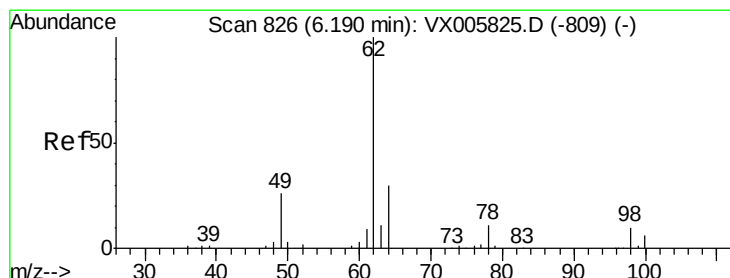
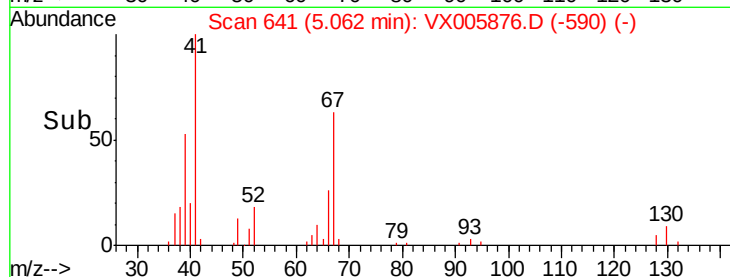
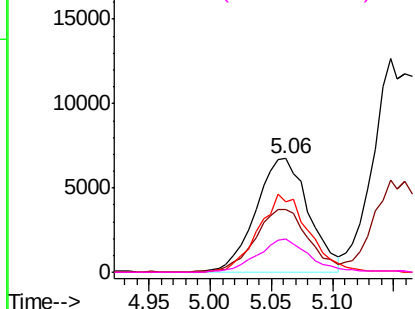
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.2	63.2
67	65.2	53.4	80.0
52	28.5	23.4	35.2

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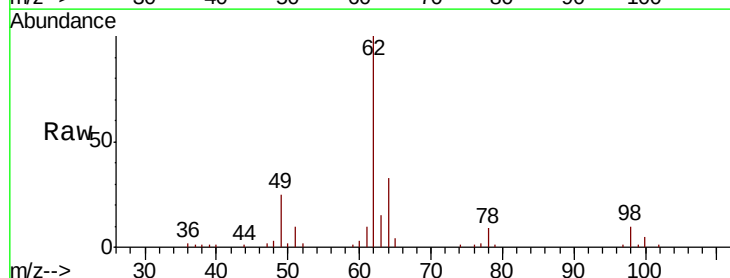


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

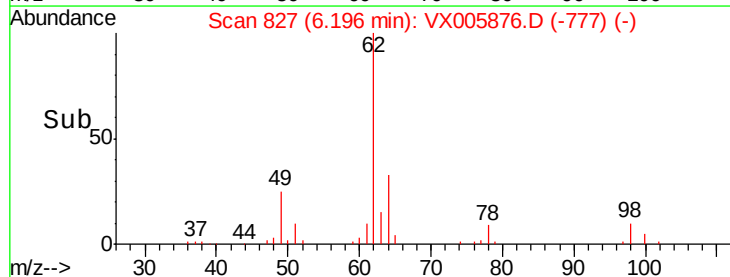
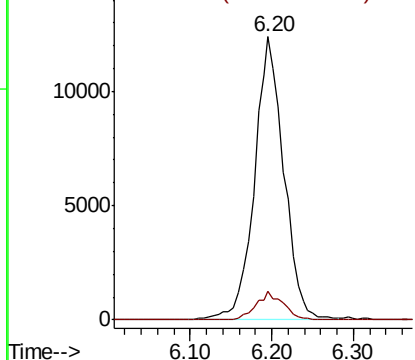


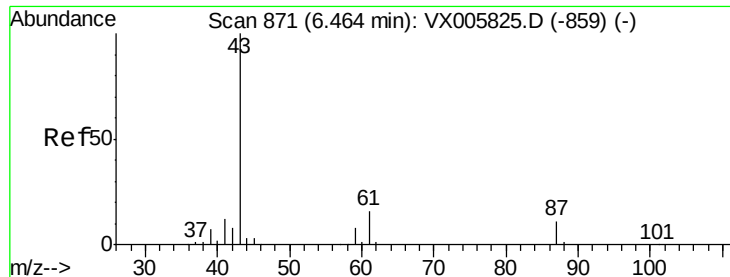
#42
1,2-Dichloroethane
Concen: 21.823 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





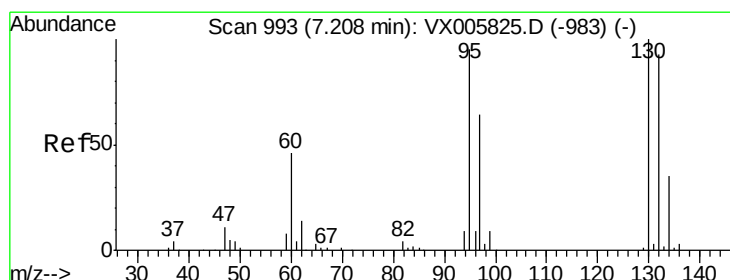
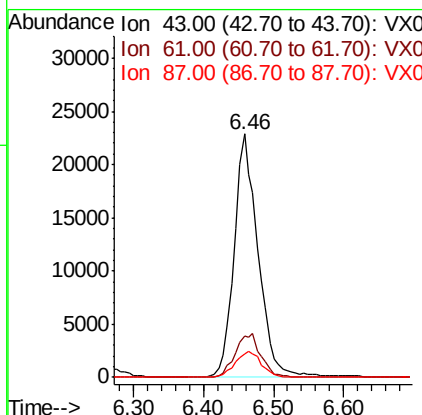
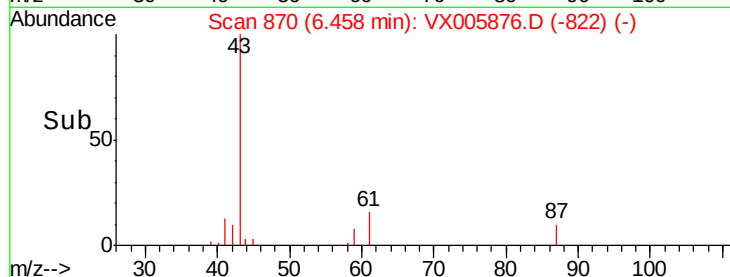
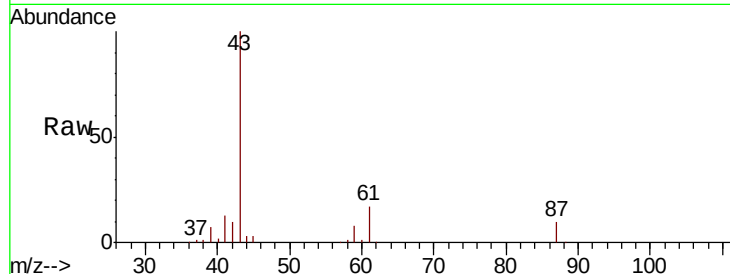
#43
Isopropyl Acetate
Concen: 20.953 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.6	22.0
87	11.4	9.6	14.4

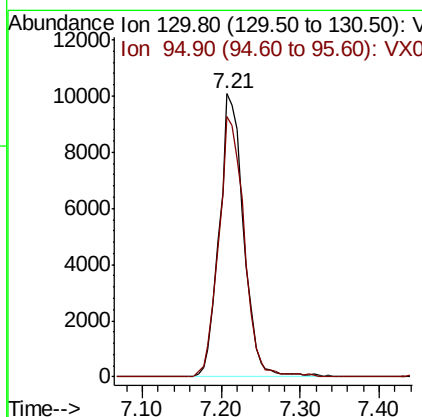
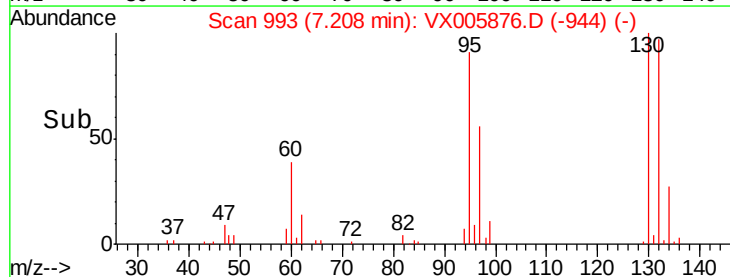
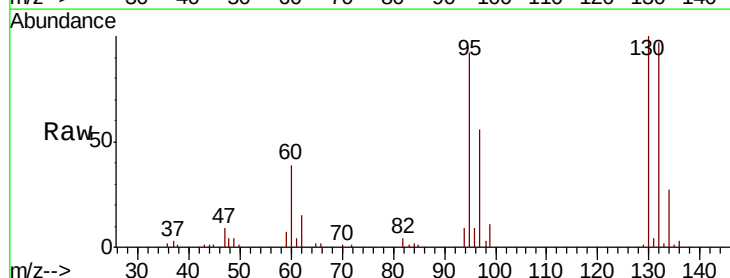
Manual Integrations
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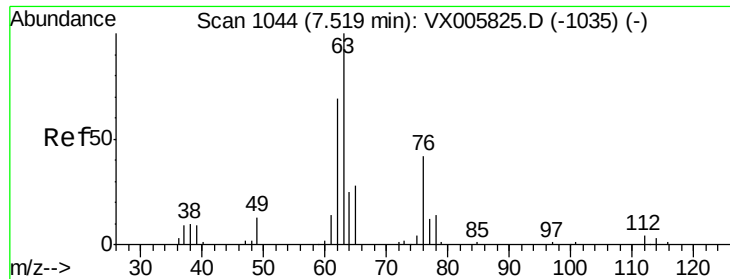
MMDadoda
11/12/2018 9:12:02 AM



#44
Trichloroethene
Concen: 21.487 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	194.2





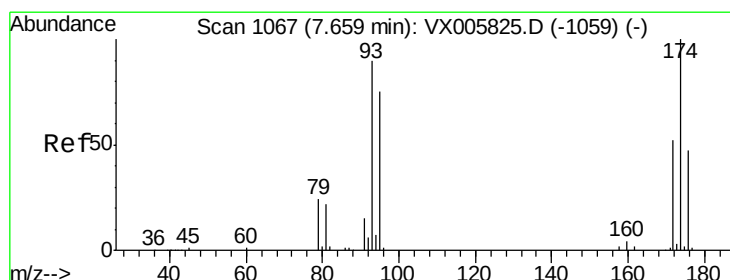
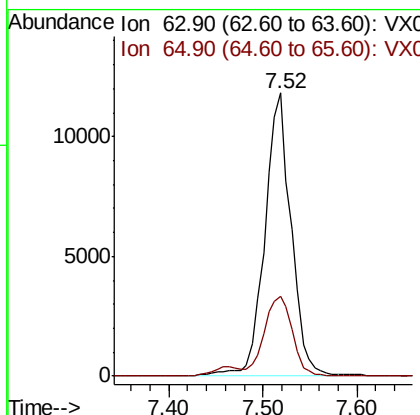
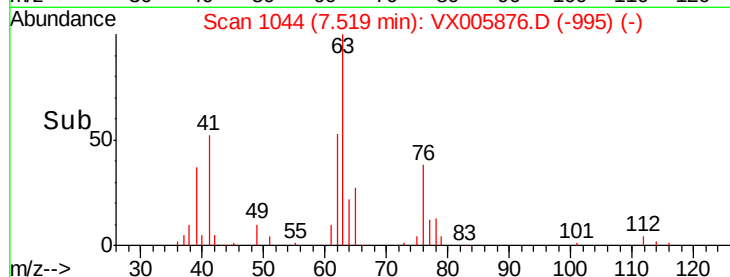
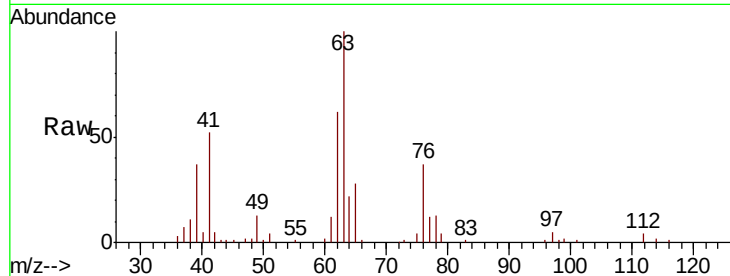
#45
 1,2-Dichloropropane
 Concen: 24.032 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion: 63 Resp: 23177
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.8 37.2

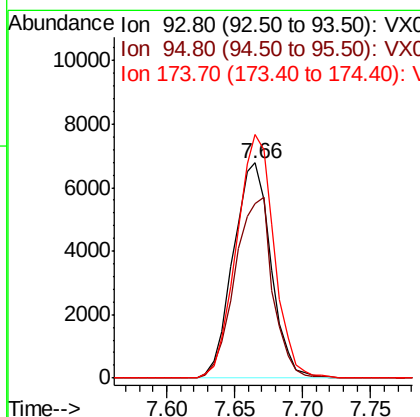
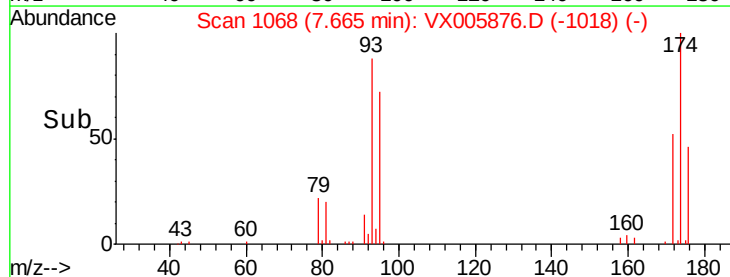
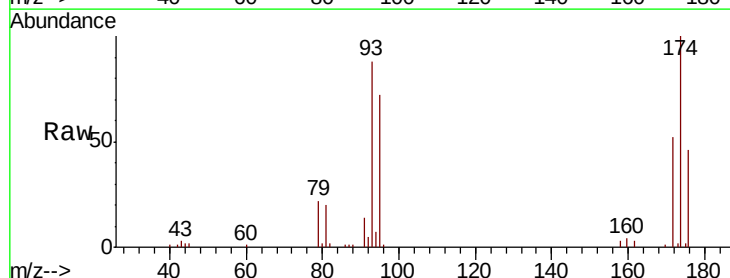
Manual Integrations
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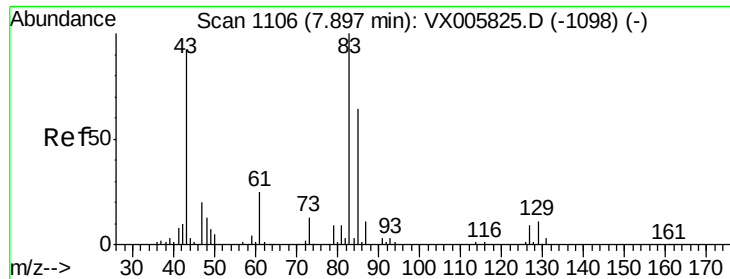
MMDadoda
 11/12/2018 9:12:02 AM



#46
 Dibromomethane
 Concen: 21.651 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion: 93 Resp: 13103
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.4 101.0
 174 112.8 91.5 137.3





#47

Bromodichloromethane

Concen: 22.075 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

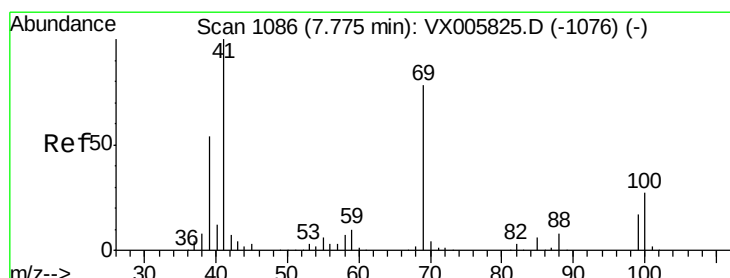
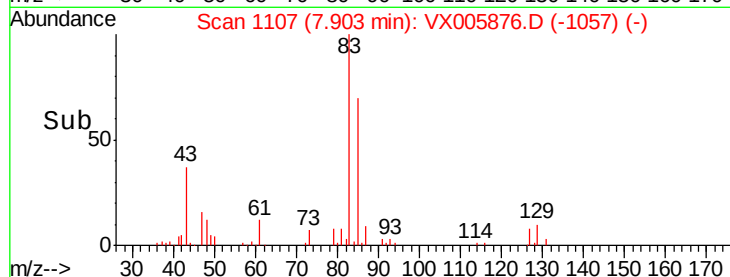
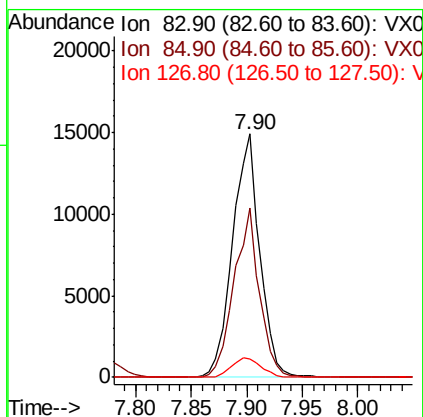
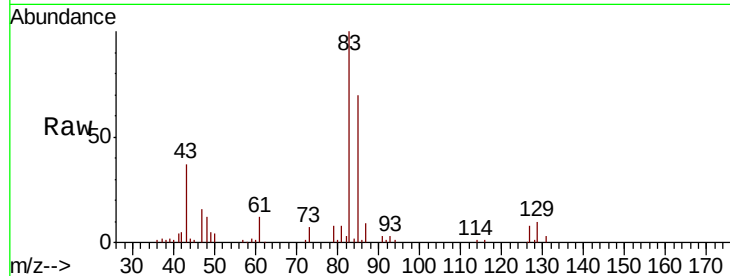
ClientSampleId :

VX1109MBS02

Tot Ion:	83	Resp:	25248
Ion	Ratio	Lower	Upper
83	100		
85	69.6	50.2	75.4
127	7.6	6.9	10.3

Manual Integrations
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MMDadoda
11/12/2018 9:12:02 AM



#48

Methyl methacrylate

Concen: 21.134 ug/l

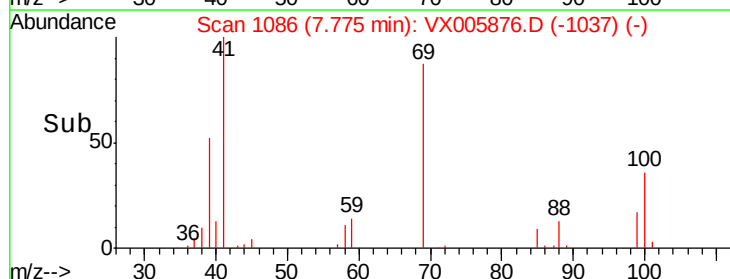
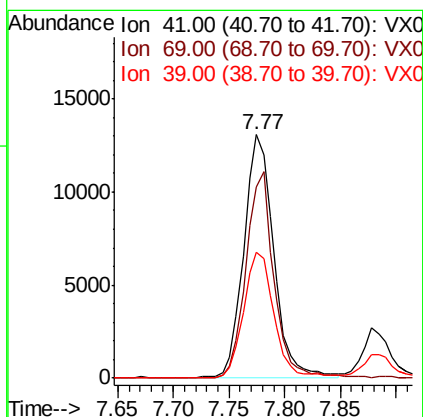
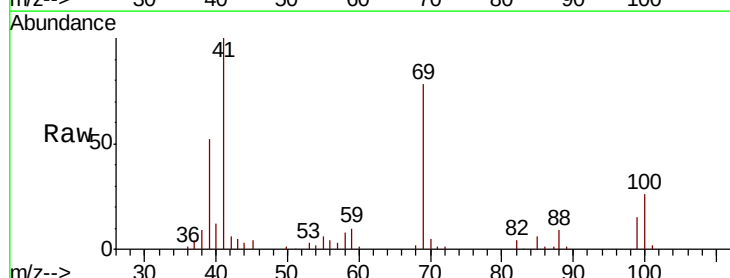
RT: 7.77 min Scan# 1086

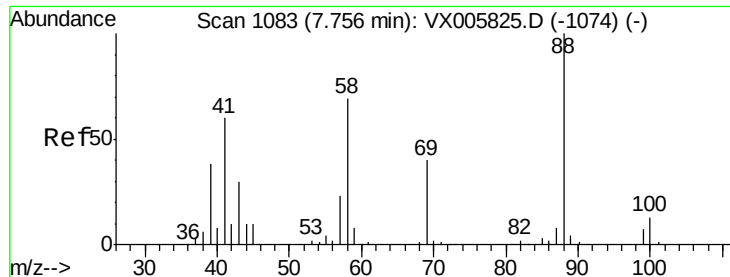
Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	41	Resp:	24646
Ion	Ratio	Lower	Upper
41	100		
69	79.0	63.2	94.8
39	52.2	42.2	63.2





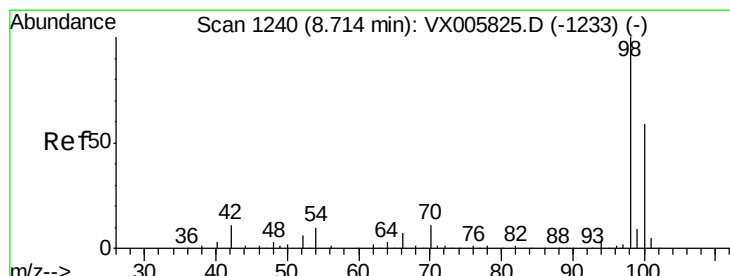
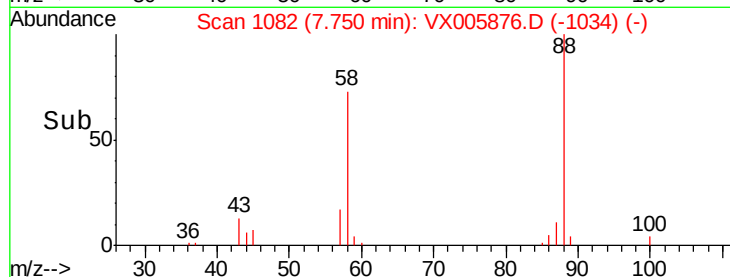
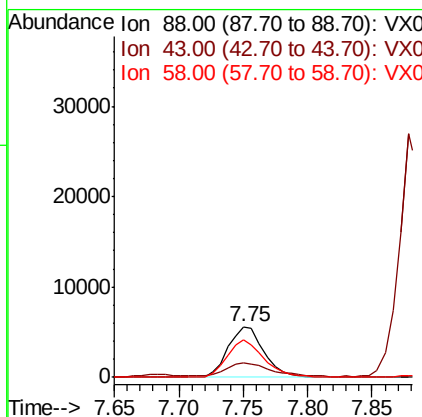
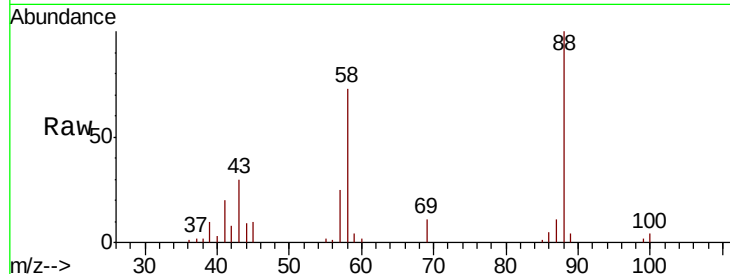
#49
1,4-Dioxane
Concen: 431.640 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.4	41.0
58	74.7	59.4	89.2

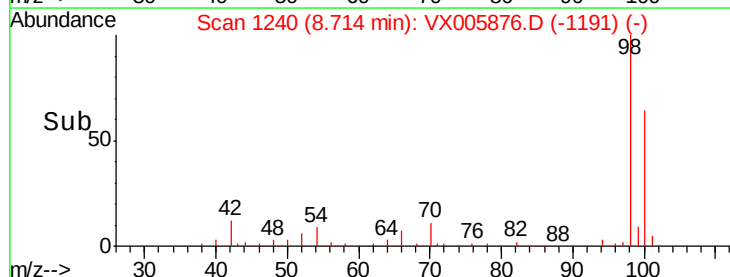
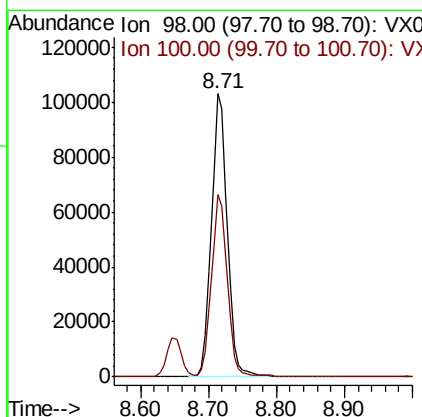
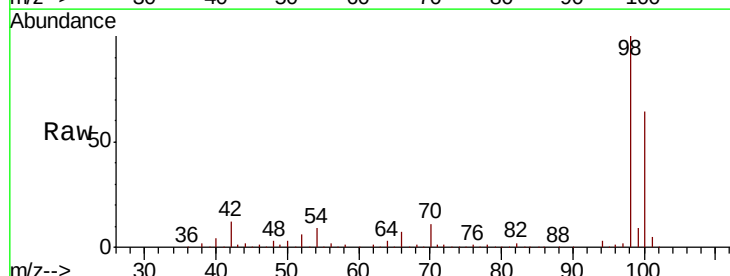
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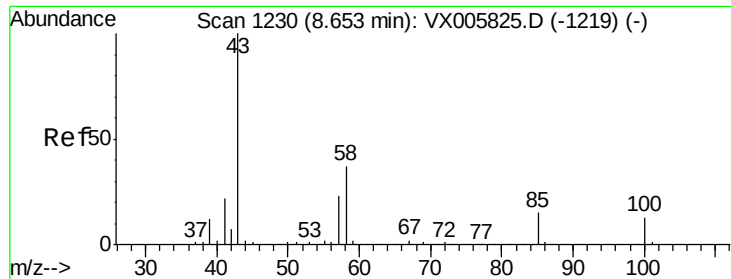
MMDadoda
11/12/2018 9:12:02 AM



#50
Toluene-d8
Concen: 52.370 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.3	76.9





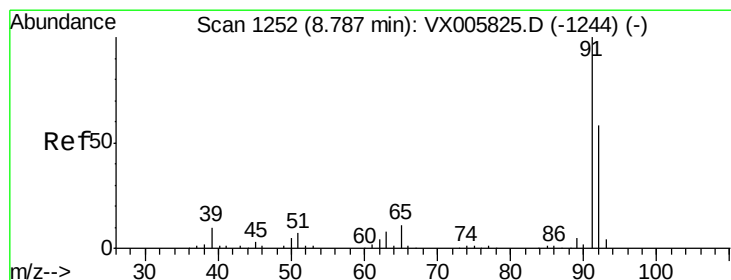
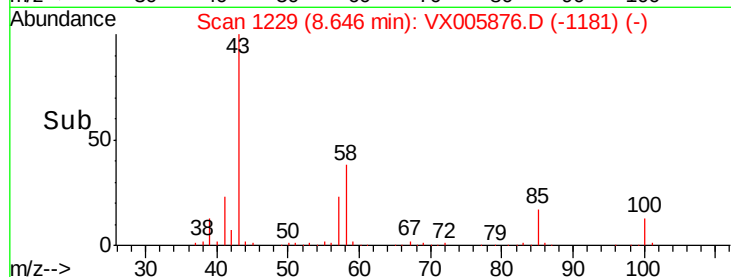
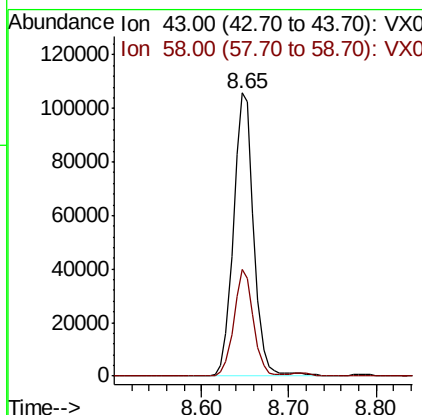
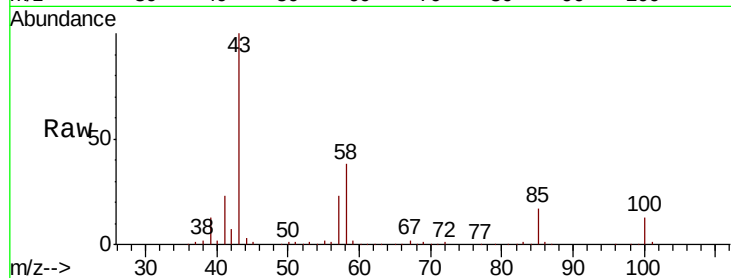
#51
4-Methyl-2-Pentanone
Concen: 105.210 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.7	44.5

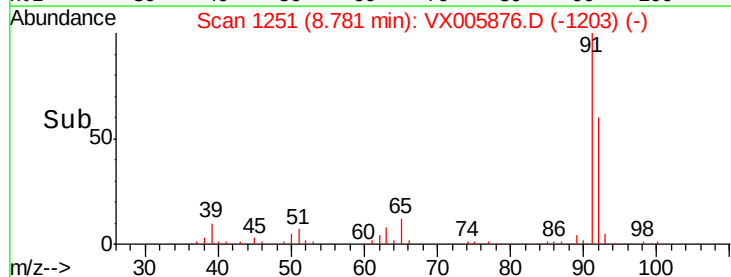
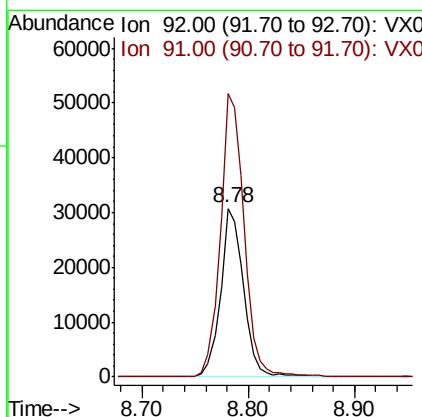
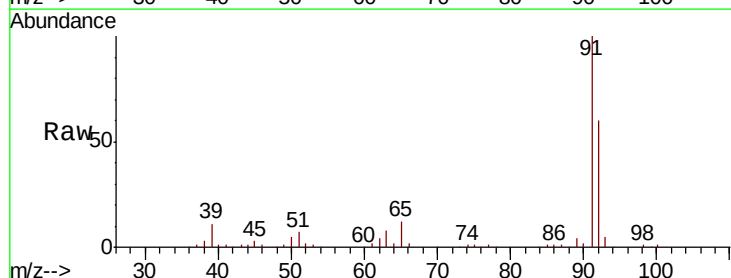
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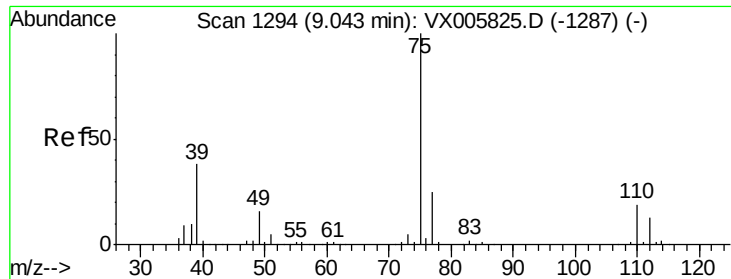
MMDadoda
11/12/2018 9:12:02 AM



#52
Toluene
Concen: 20.823 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.2	140.4	210.6





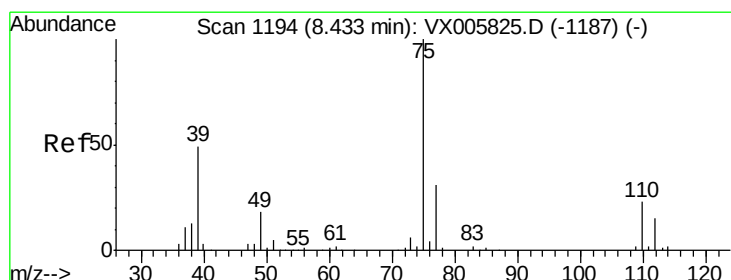
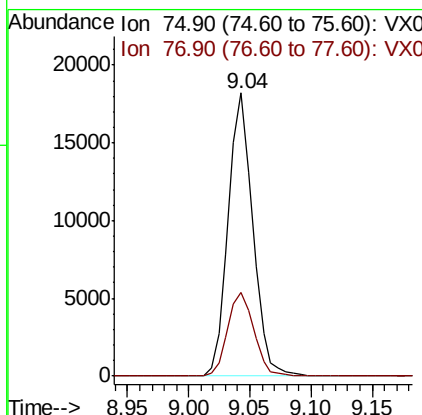
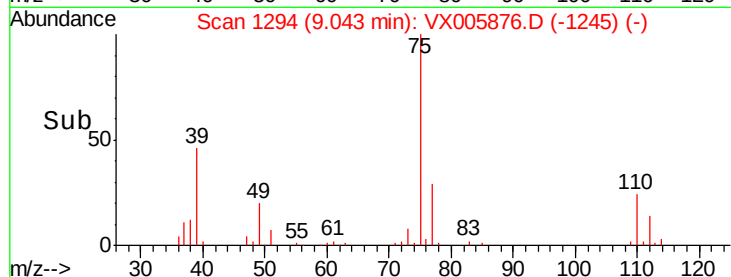
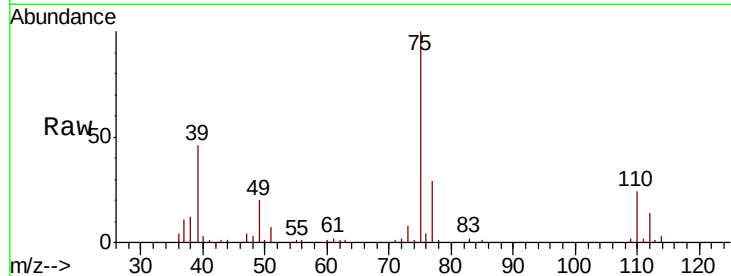
#53
t-1,3-Dichloropropene
Concen: 18.801 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion: 75 Resp: 25376
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.2

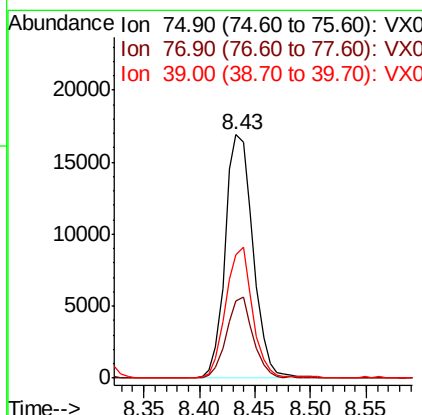
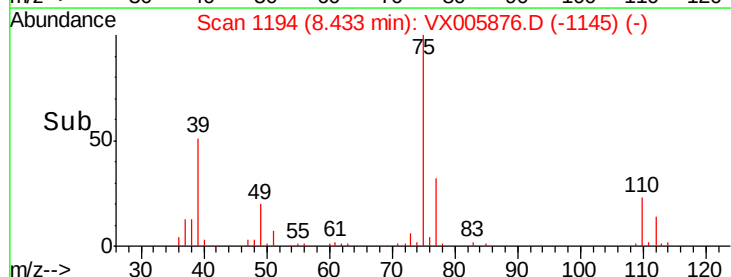
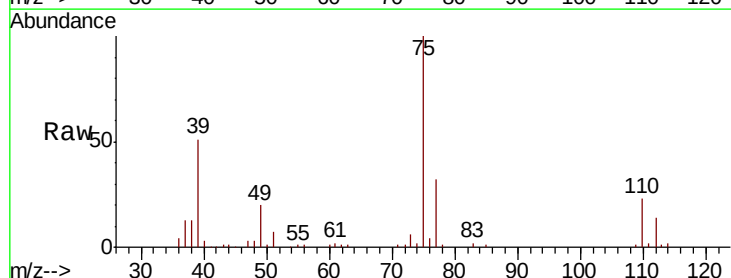
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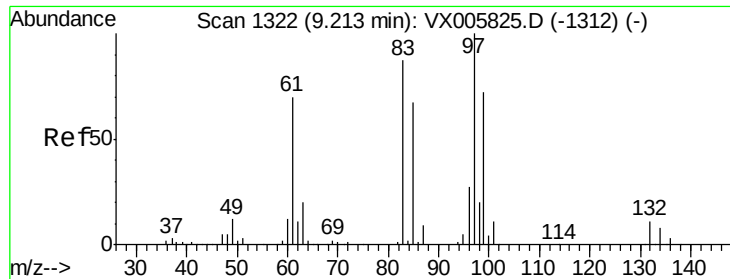
MMDadoda
11/12/2018 9:12:02 AM



#54
cis-1,3-Dichloropropene
Concen: 21.274 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion: 75 Resp: 29266
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 50.8 38.2 57.2





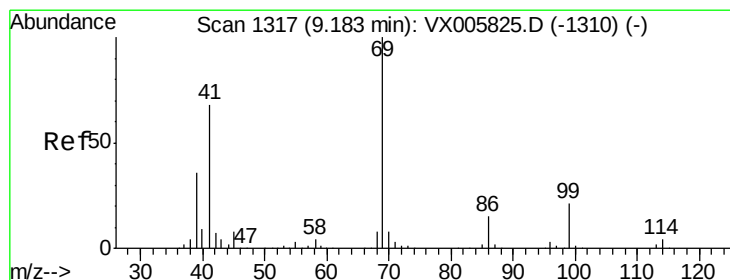
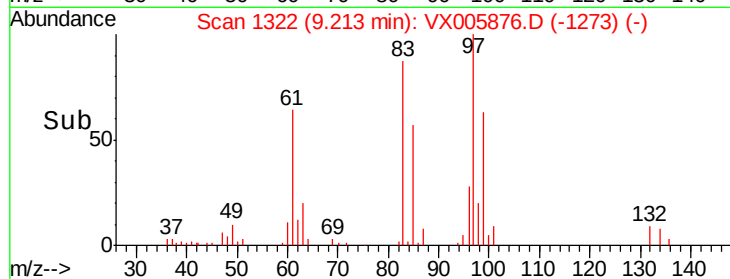
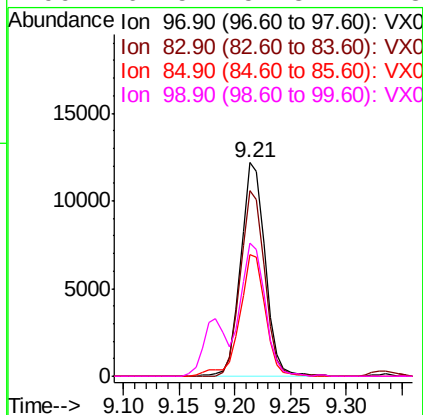
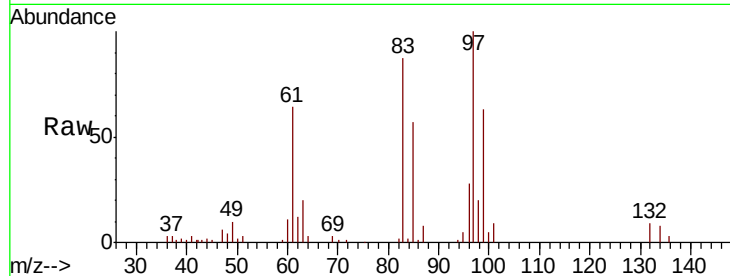
#55
 1,1,2-Trichloroethane
 Concen: 18.846 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion:	97	Resp:	18652
Ion Ratio	Lower	Upper	
97	100		
83	87.1	70.7	106.1
85	57.0	45.8	68.6
99	62.5	51.8	77.8

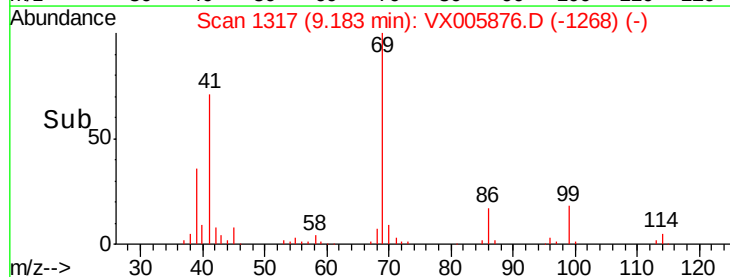
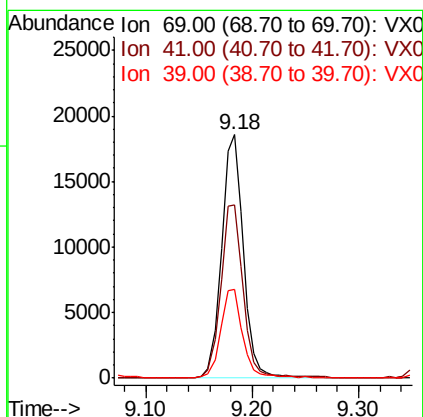
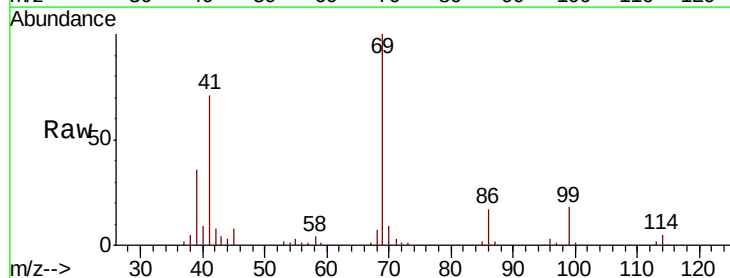
Manual Integrations
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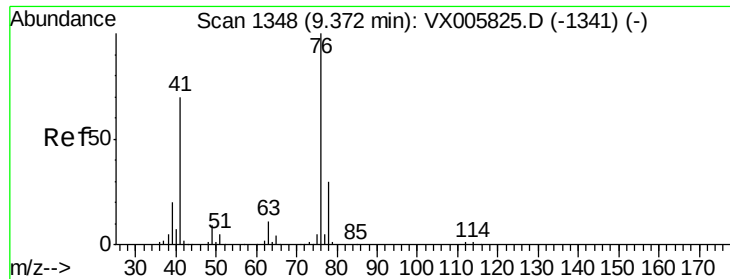
MMDadoda
 11/12/2018 9:12:02 AM



#56
 Ethyl methacrylate
 Concen: 17.944 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion:	69	Resp:	26573
Ion Ratio	Lower	Upper	
69	100		
41	73.4	57.0	85.6
39	37.5	28.3	42.5





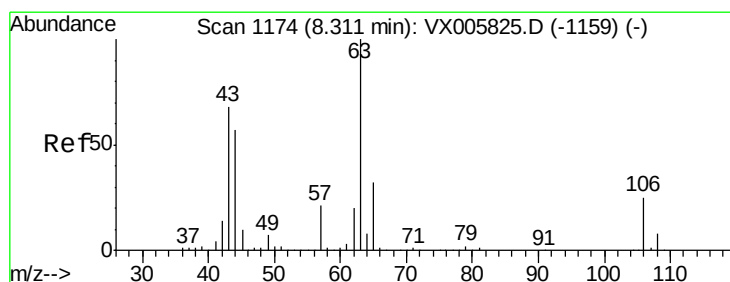
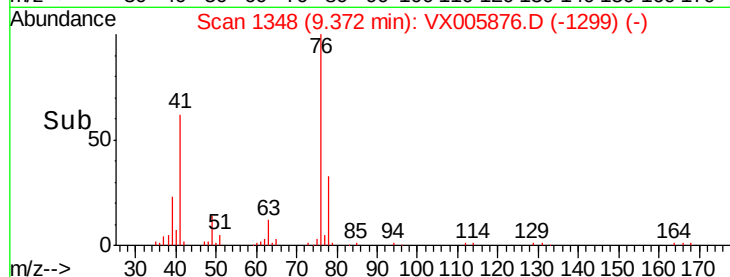
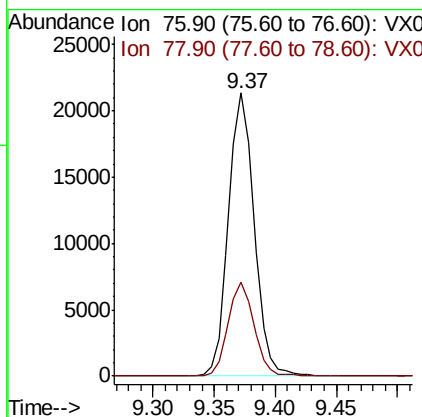
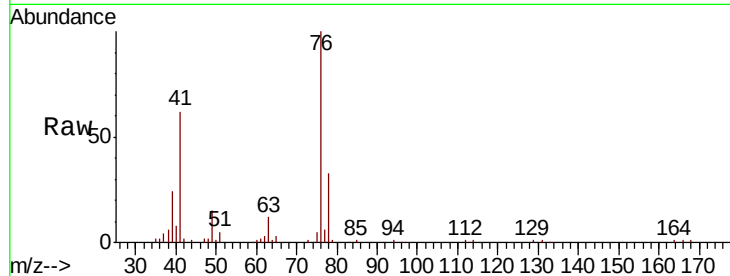
#57
 1,3-Dichloropropane
 Concen: 18.698 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion: 76 Resp: 31099
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.3 37.9

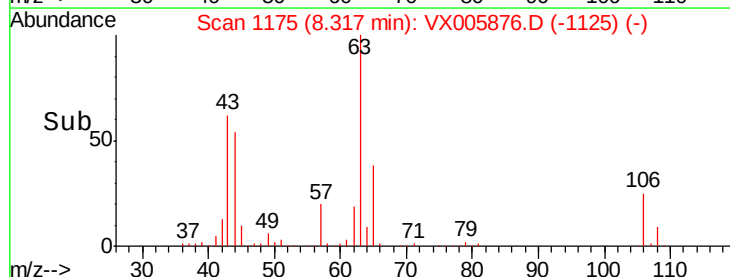
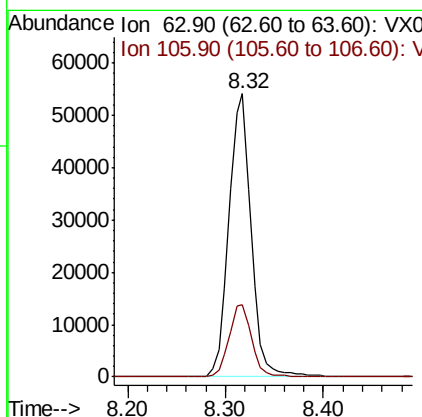
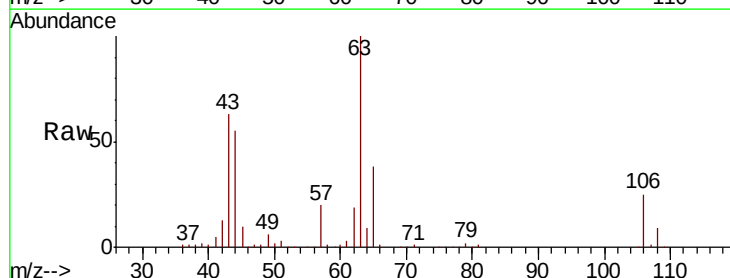
Manual Integrations
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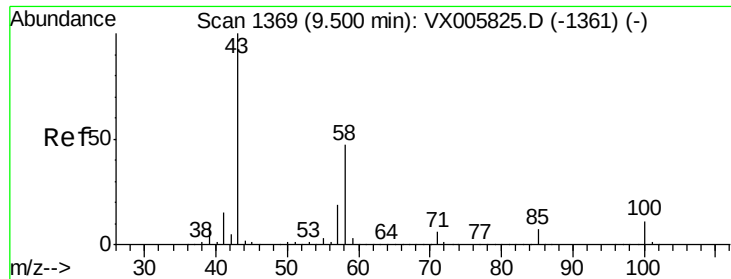
MMDadoda
 11/12/2018 9:12:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.518 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion: 63 Resp: 85327
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9





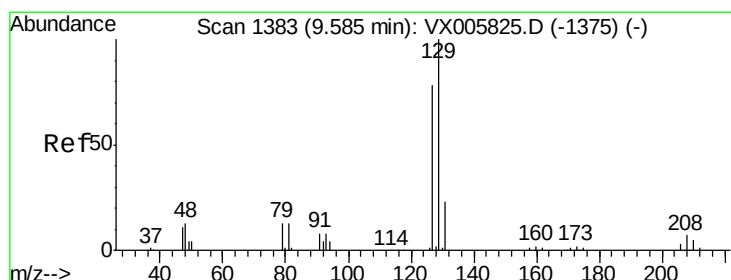
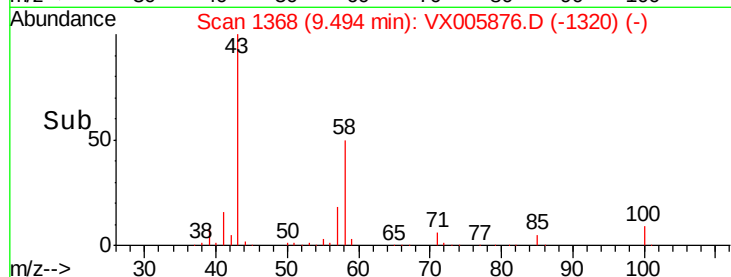
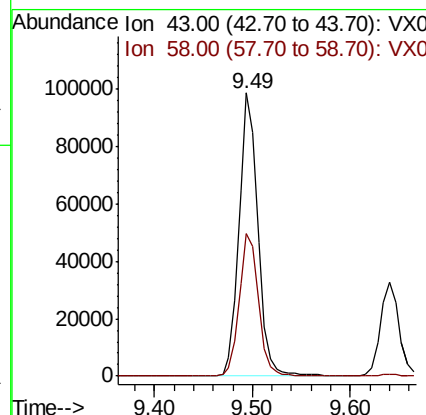
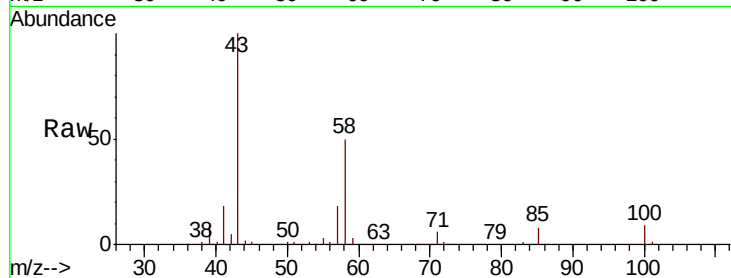
#59
2-Hexanone
Concen: 91.845 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion: 43 Resp: 132515
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8

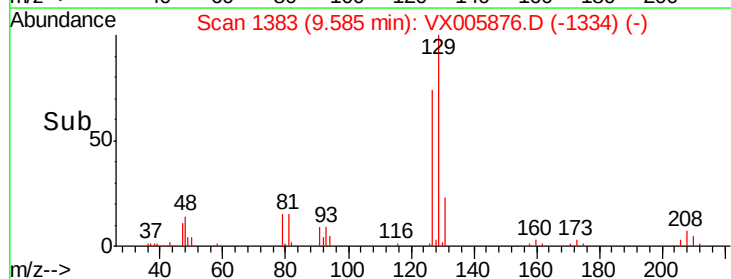
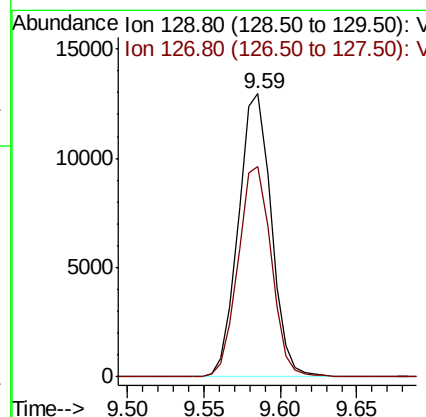
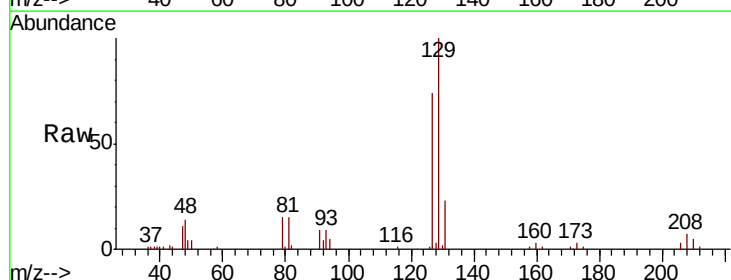
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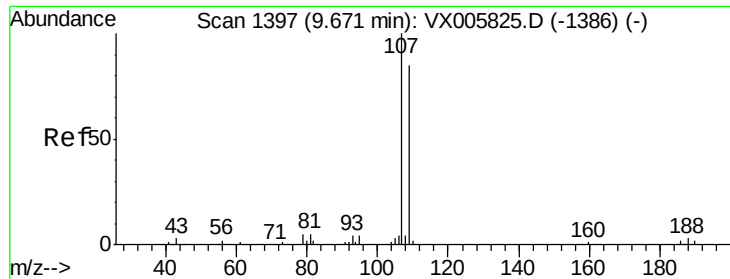
MMDadoda
11/12/2018 9:12:02 AM



#60
Dibromochloromethane
Concen: 18.100 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion: 129 Resp: 19360
Ion Ratio Lower Upper
129 100
127 74.9 38.9 116.7





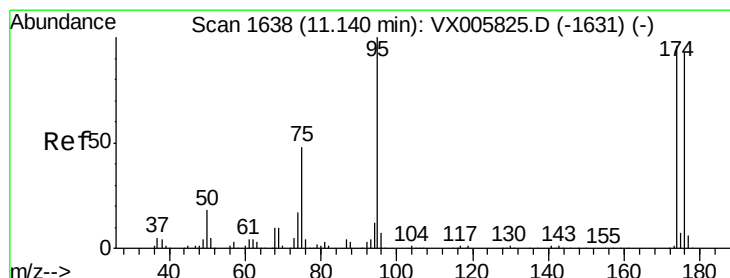
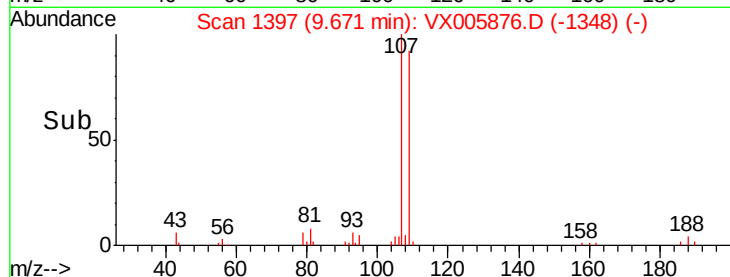
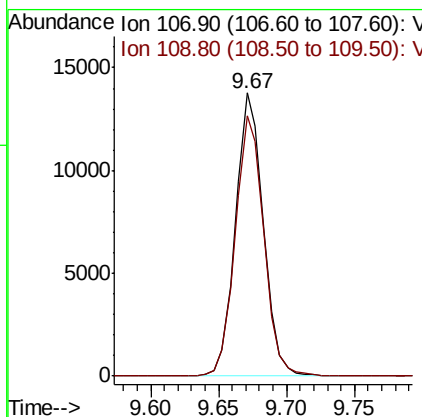
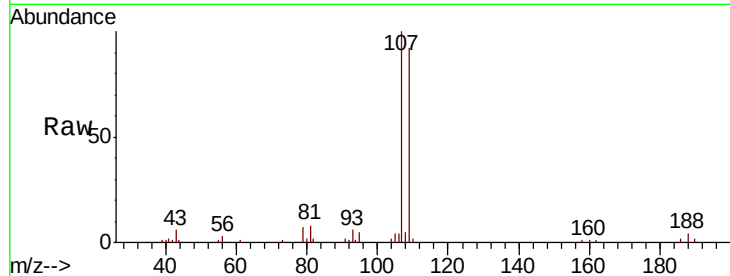
#61
 1,2-Dibromoethane
 Concen: 17.859 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion:107 Resp: 19545
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.7 113.5

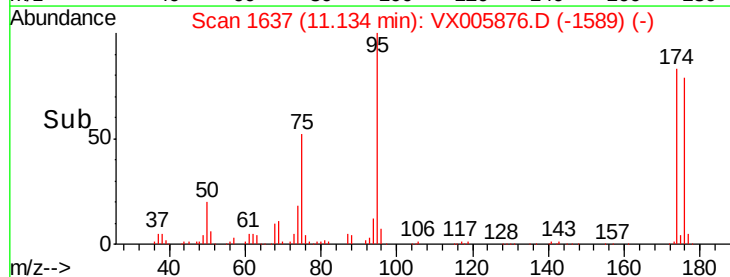
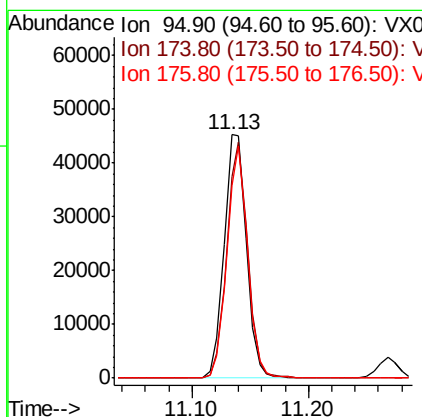
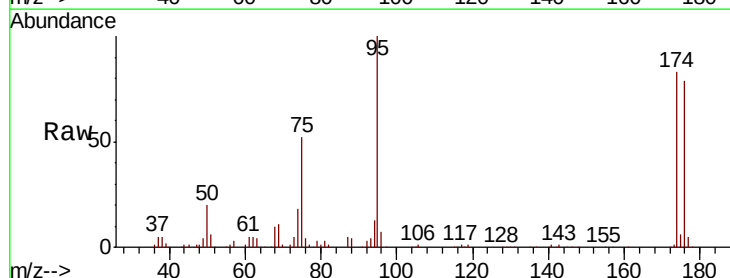
Manual Integrations
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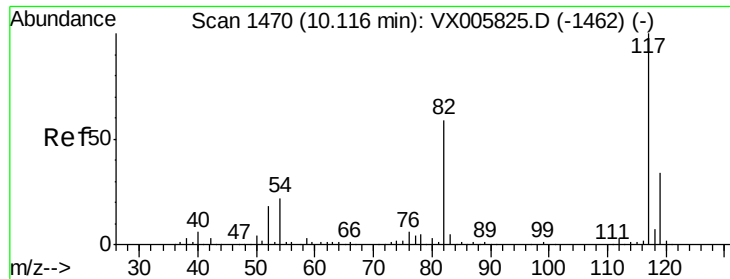
MMDadoda
 11/12/2018 9:12:02 AM



#62
 4-Bromofluorobenzene
 Concen: 52.261 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion: 95 Resp: 60072
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 184.4
 176 88.5 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

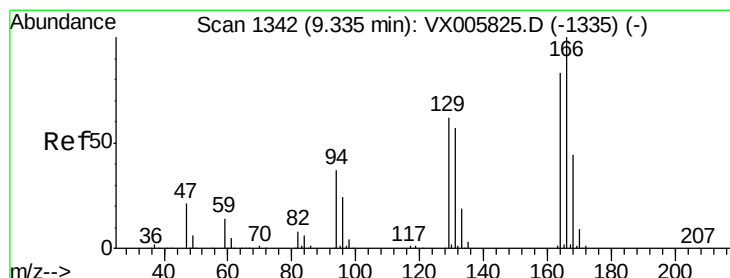
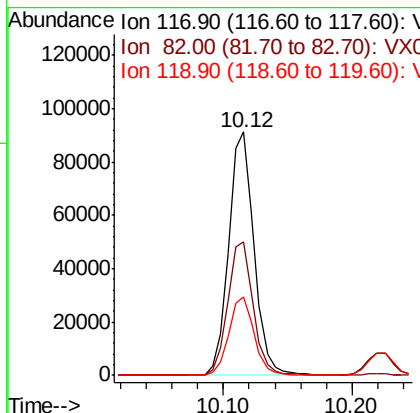
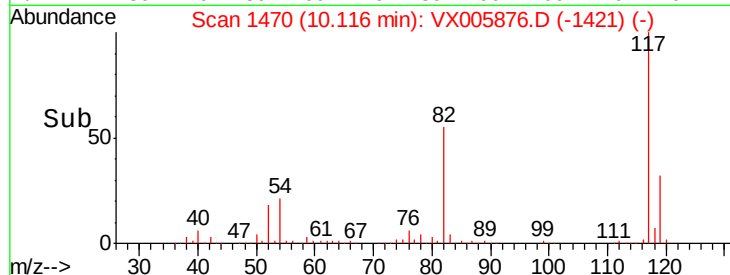
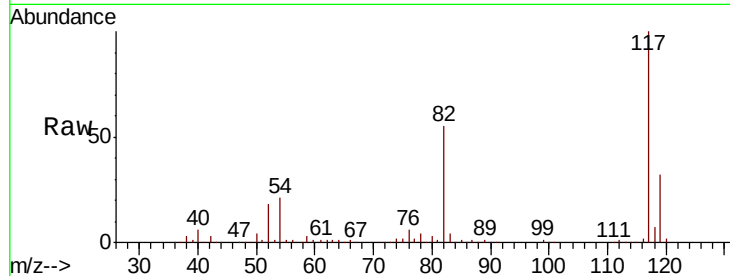
ClientSampleId :

VX1109MBS02

Tot Ion:	117	Resp:	126012
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.1	66.1
119	32.4	26.2	39.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.927 ug/l

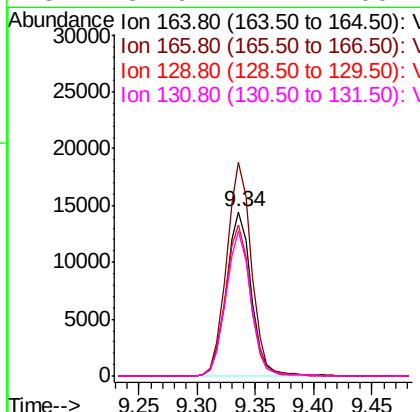
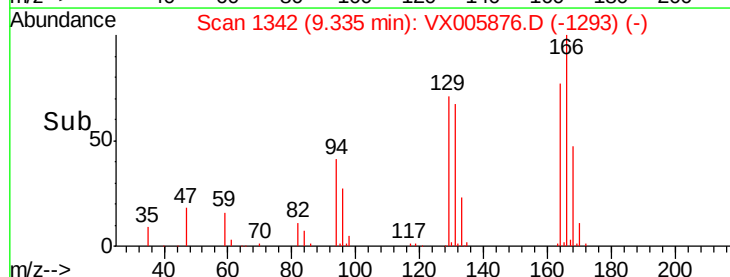
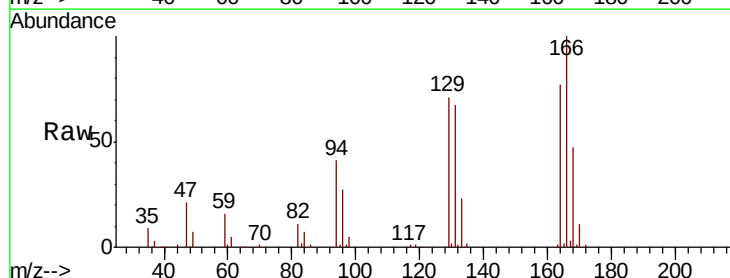
RT: 9.34 min Scan# 1342

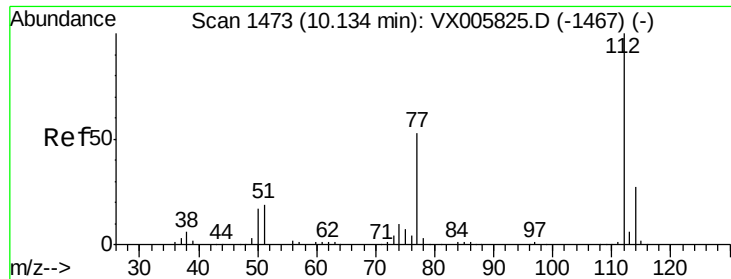
Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	164	Resp:	21379
Ion Ratio	Lower	Upper	
164	100		
166	130.2	101.9	152.9
129	92.1	72.6	109.0
131	87.9	71.1	106.7





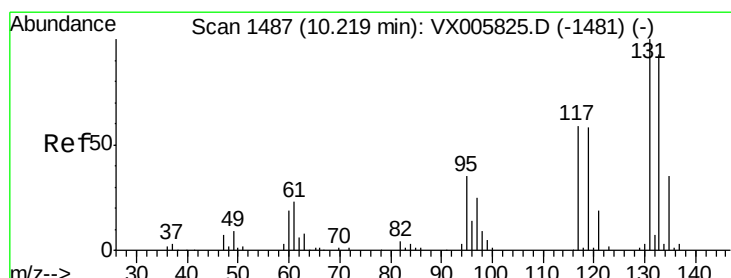
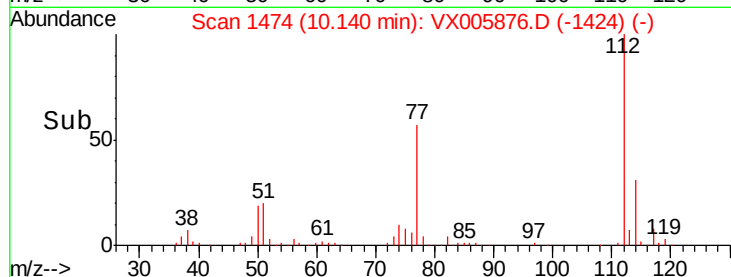
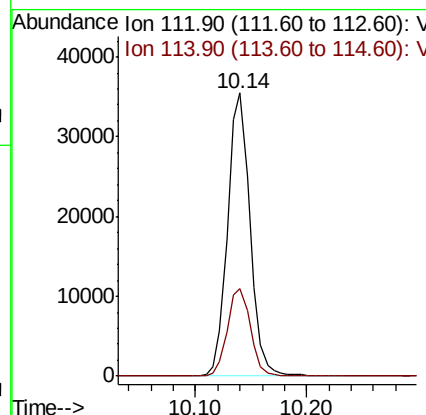
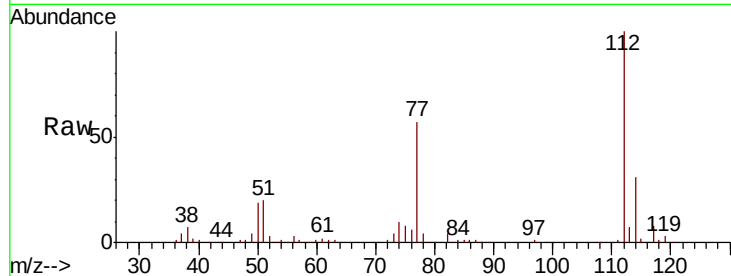
#65
Chlorobenzene
Concen: 19.669 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion:112 Resp: 49654
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

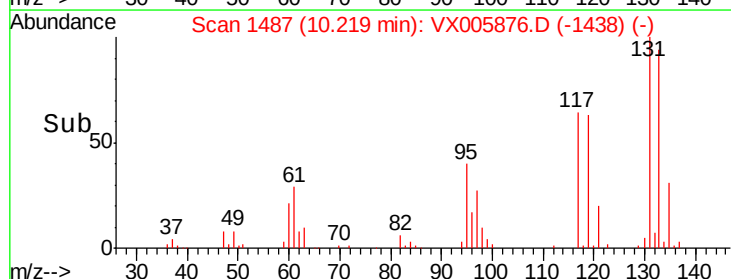
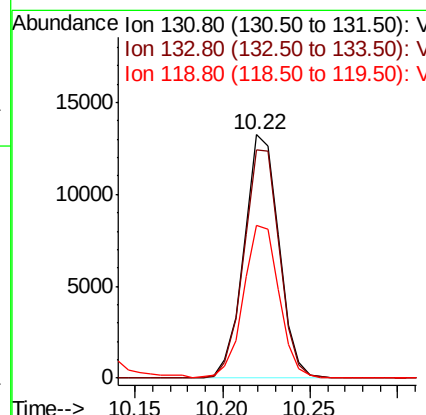
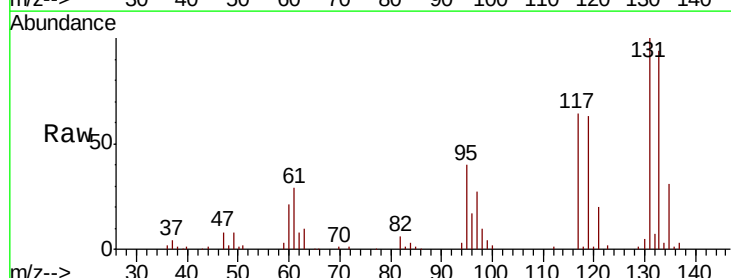
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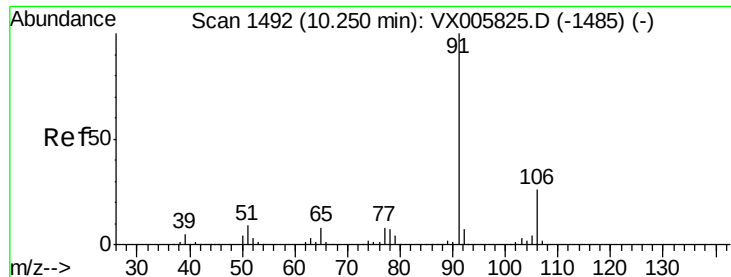
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.994 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion:131 Resp: 18425
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 20.625 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 91 Resp: 83491

Ion Ratio Lower Upper

91 100

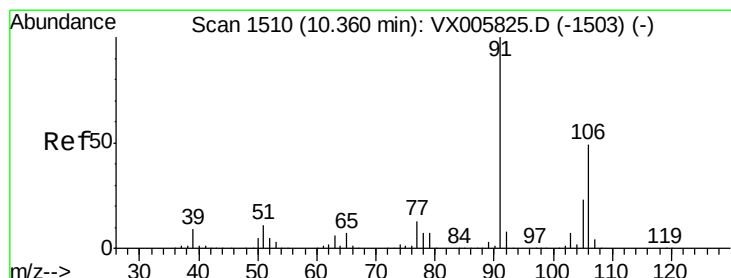
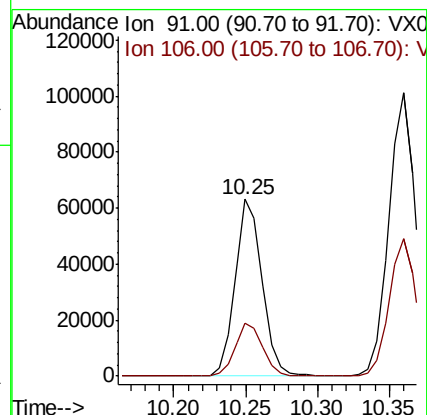
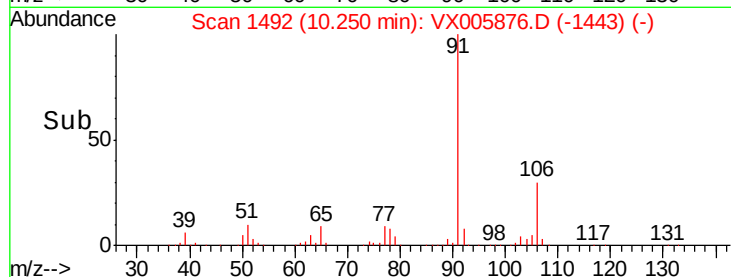
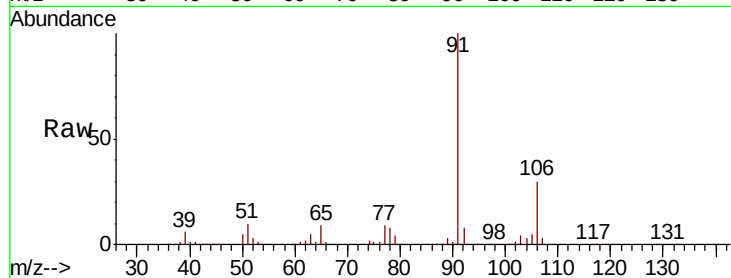
106 30.1 24.4 36.6

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#68

m/p-Xylenes

Concen: 41.982 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005876.D

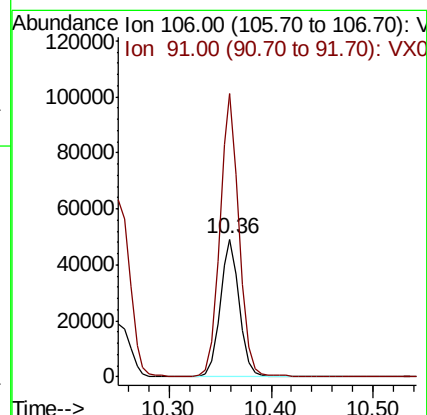
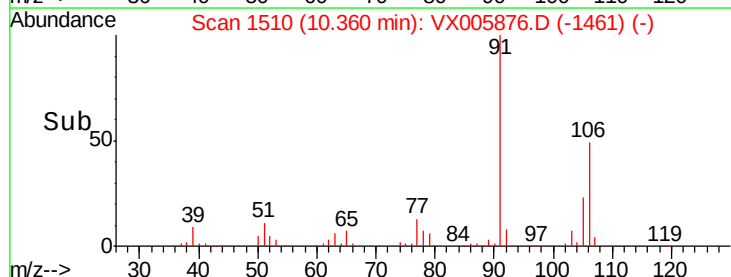
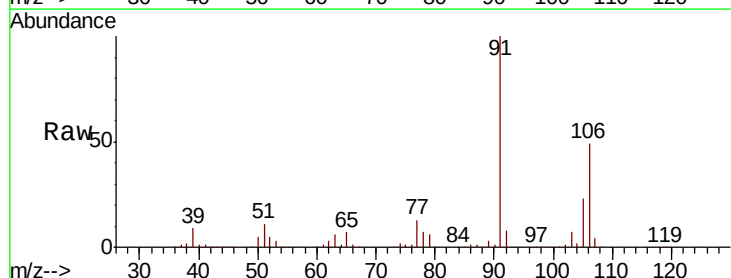
Acq: 09 Nov 2018 22:38

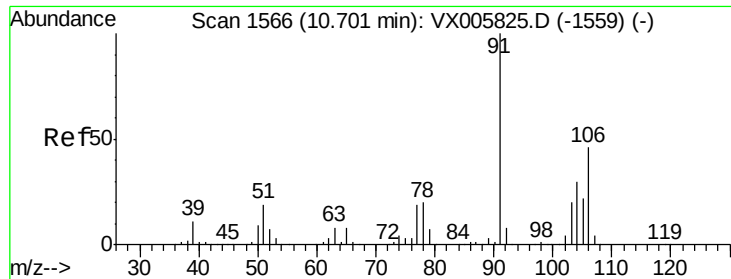
Tgt Ion: 106 Resp: 64823

Ion Ratio Lower Upper

106 100

91 206.4 164.2 246.4





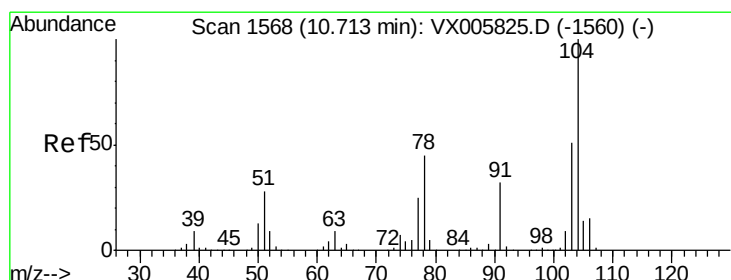
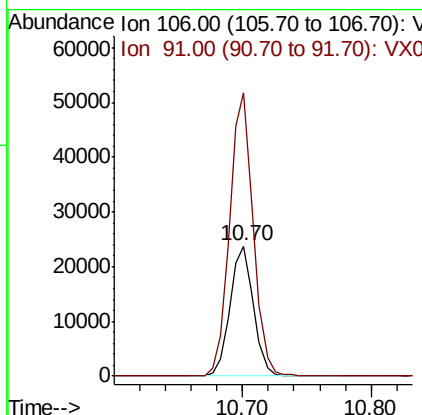
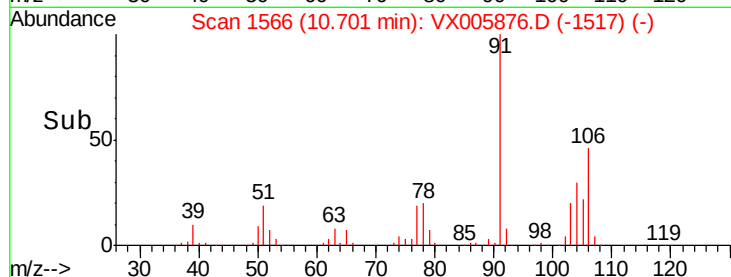
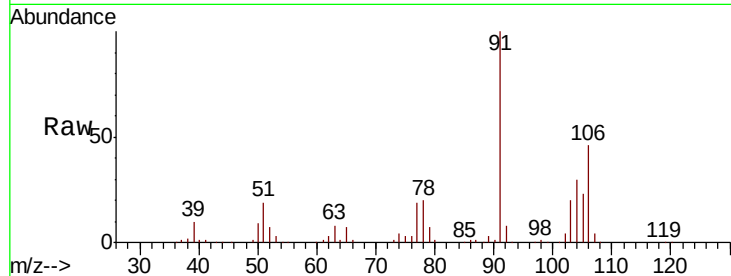
#69
o-Xylene
Concen: 21.907 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion:106 Resp: 30331
Ion Ratio Lower Upper
106 100
91 219.3 108.5 325.5

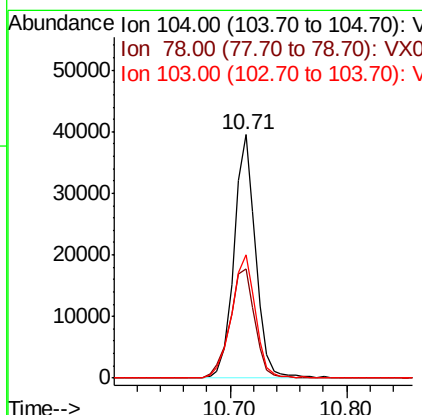
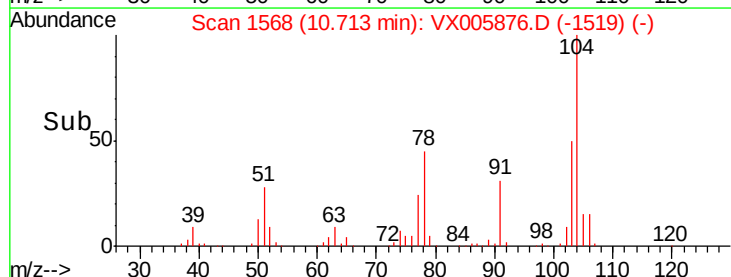
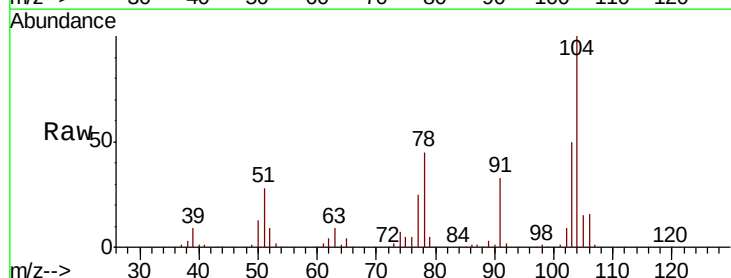
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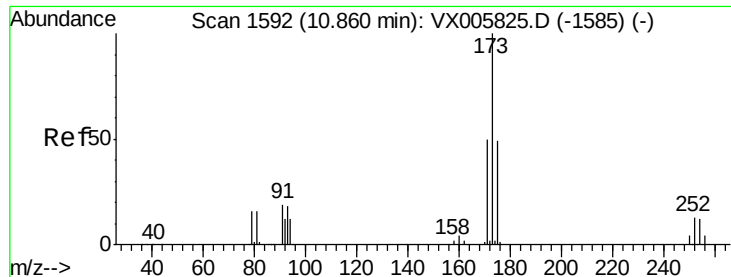
MMDadoda
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#70
Styrene
Concen: 22.275 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion:104 Resp: 50876
Ion Ratio Lower Upper
104 100
78 51.9 40.2 60.4
103 56.3 44.9 67.3





#71

Bromoform

Concen: 21.423 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion:173 Resp: 15761

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

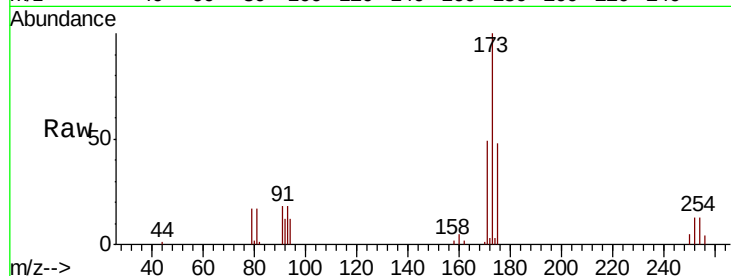
254 0.0 0.2 0.2#

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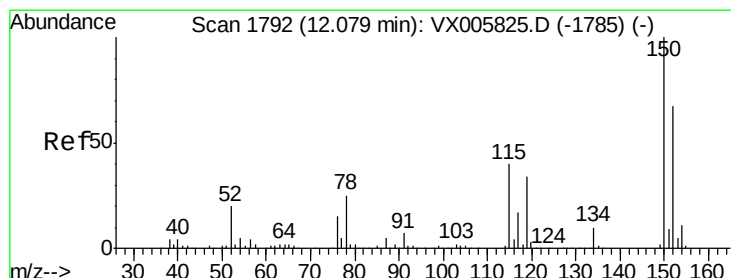
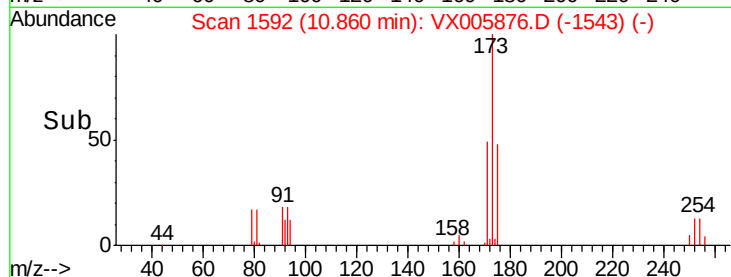
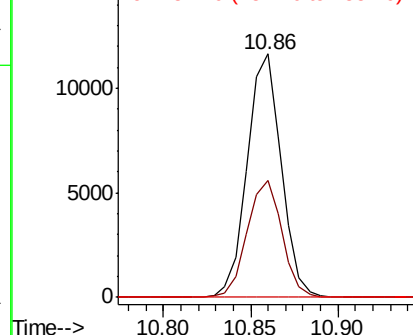
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

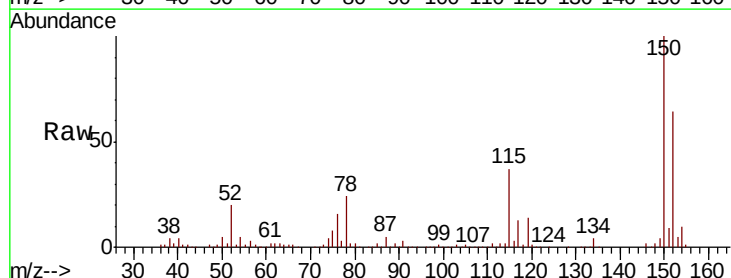
Tgt Ion:152 Resp: 69055

Ion Ratio Lower Upper

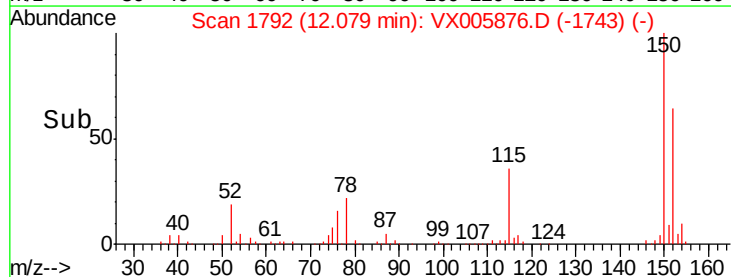
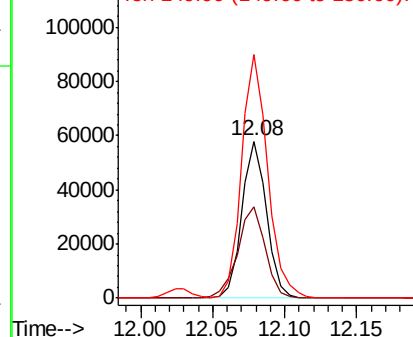
152 100

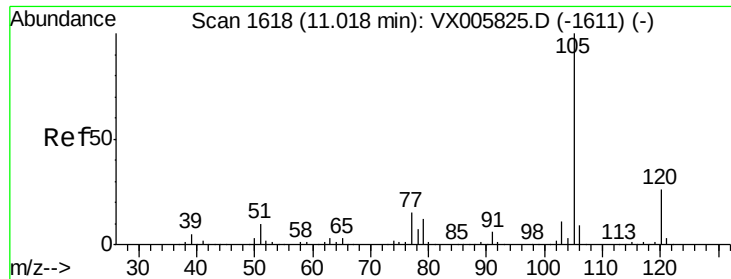
115 65.2 39.4 118.1

150 164.0 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.174 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 105 Resp: 84556

Ion Ratio Lower Upper

105 100

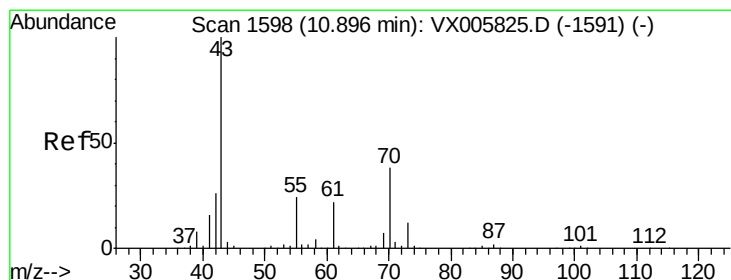
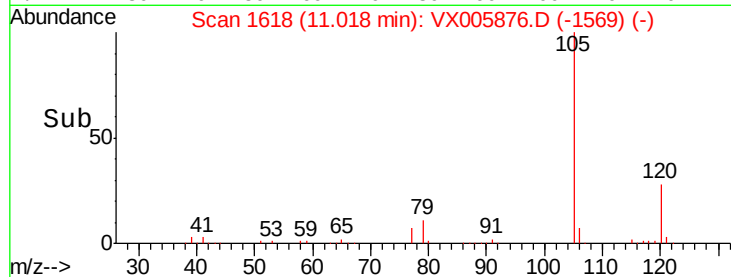
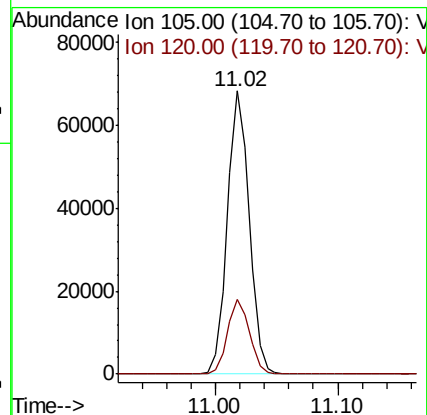
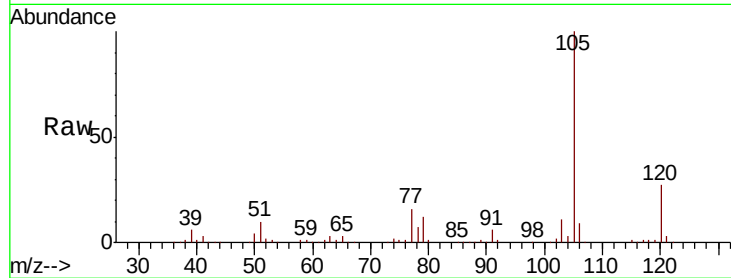
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 19.274 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion: 43 Resp: 41419

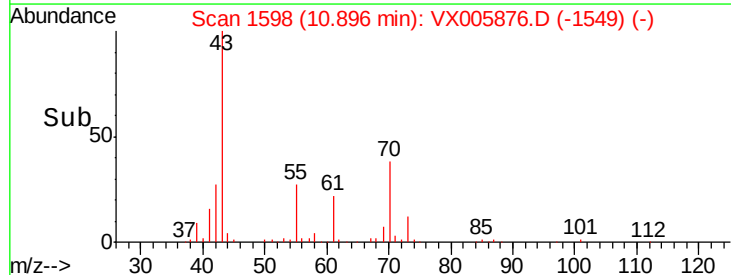
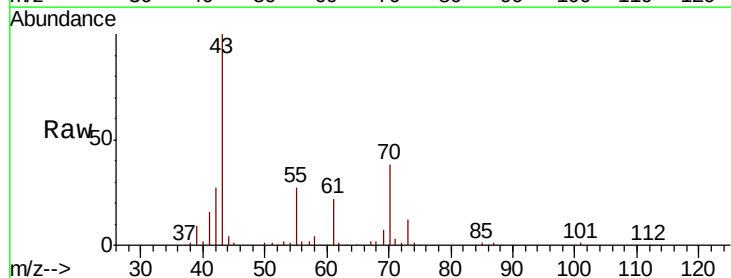
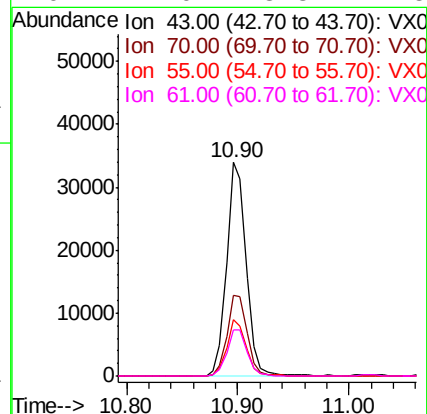
Ion Ratio Lower Upper

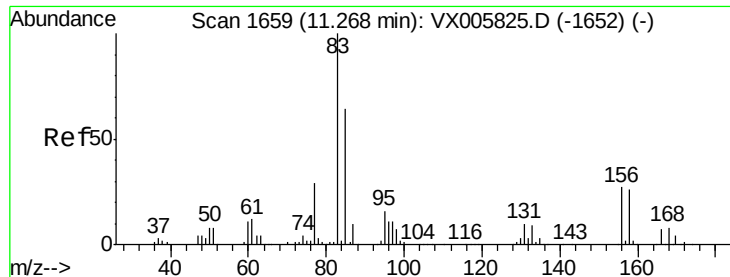
43 100

70 38.6 31.6 47.4

55 26.0 19.7 29.5

61 22.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.119 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

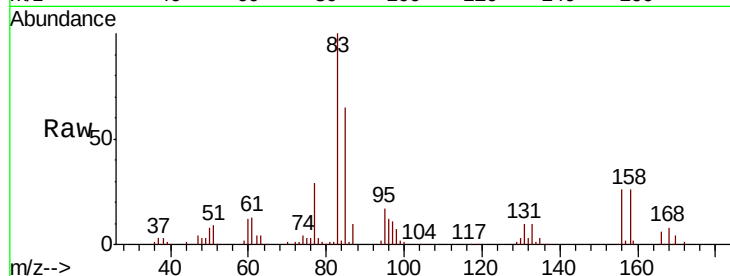
ClientSampleId :

VX1109MBS02

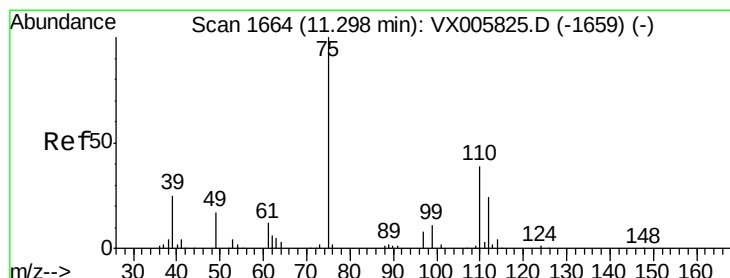
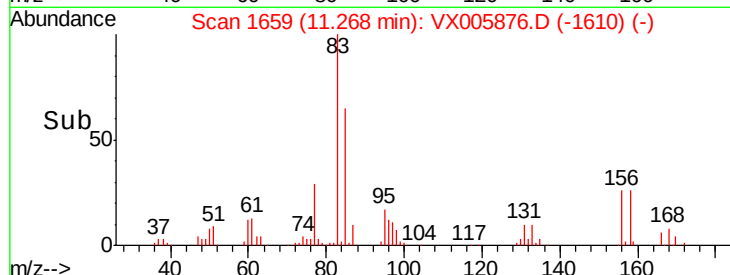
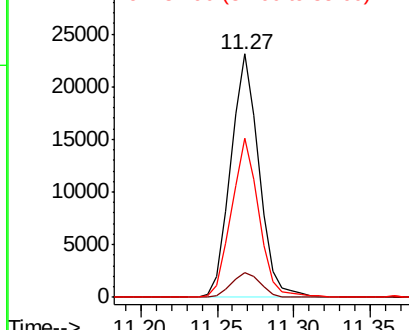
Tot Ion:	83	Resp:	29490
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.9
85	63.8	32.0	96.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.723 ug/l m

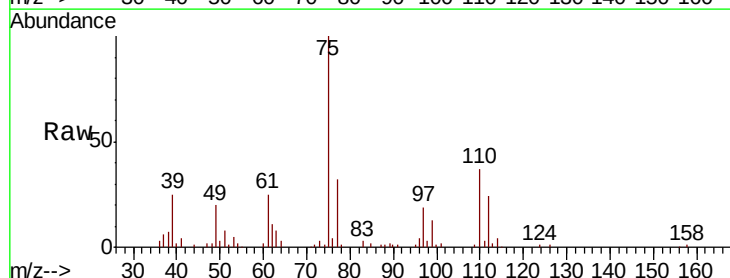
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

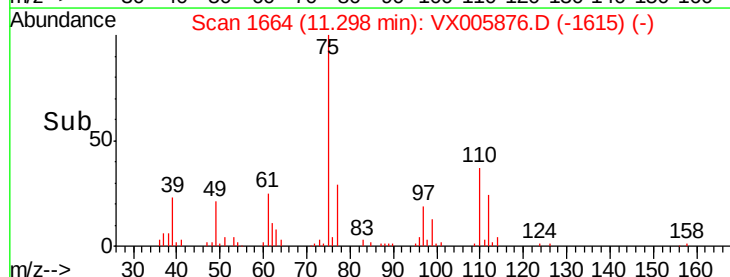
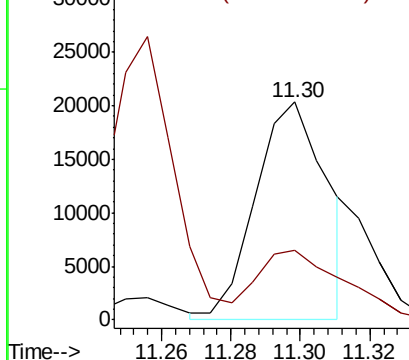
Lab File: VX005876.D

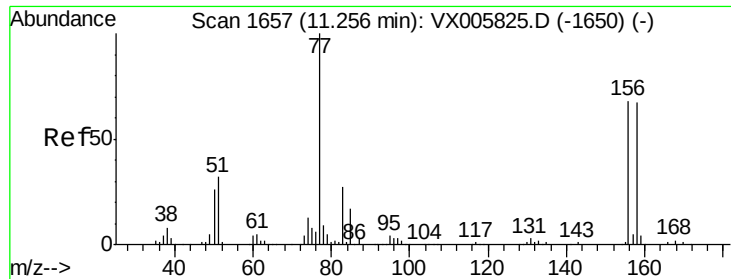
Acq: 09 Nov 2018 22:38

Tgt Ion:	75	Resp:	29139
Ion	Ratio	Lower	Upper
75	100		
77	38.9	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.210 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion:156 Resp: 22748

Ion Ratio Lower Upper

156 100

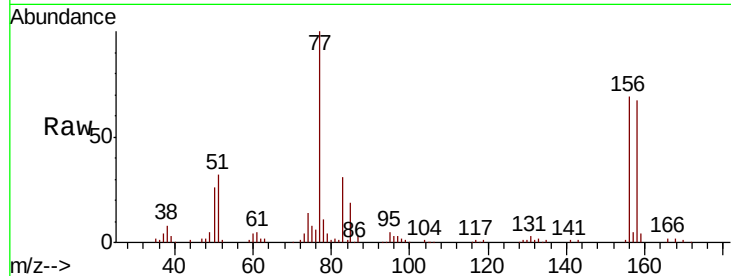
77 150.9 74.8 224.4

158 96.8 49.1 147.3

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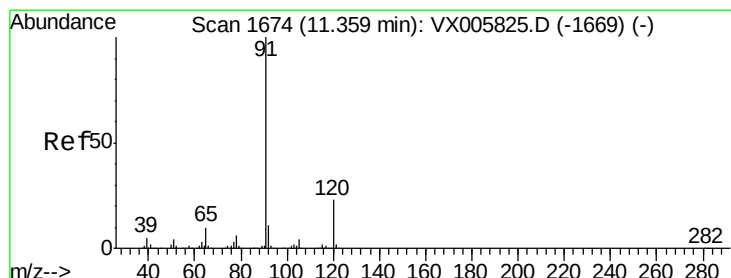
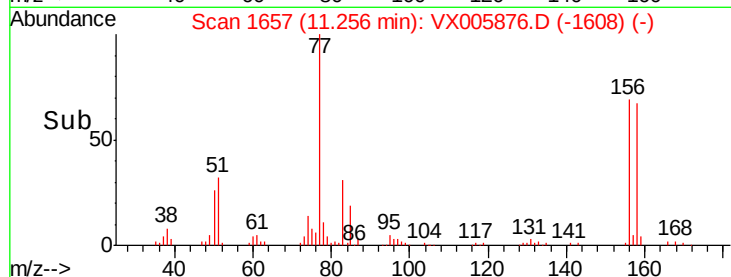
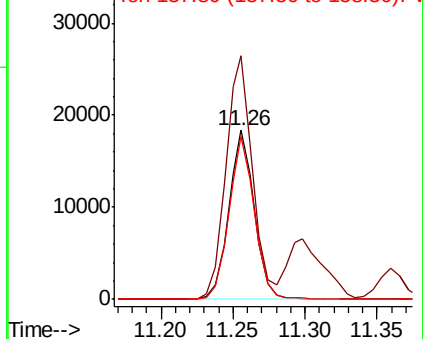
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.802 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005876.D

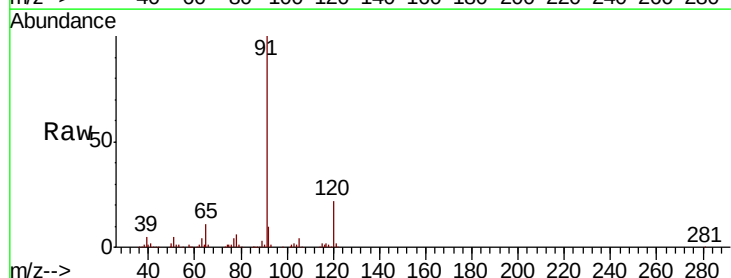
Acq: 09 Nov 2018 22:38

Tgt Ion: 91 Resp: 97901

Ion Ratio Lower Upper

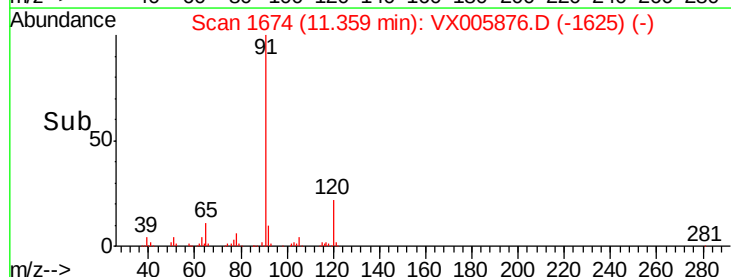
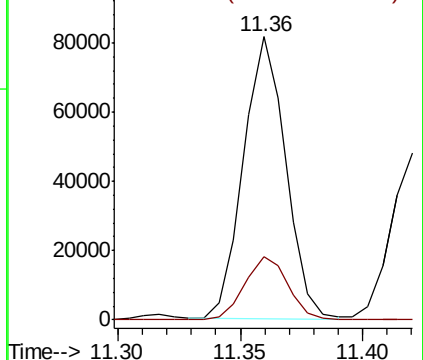
91 100

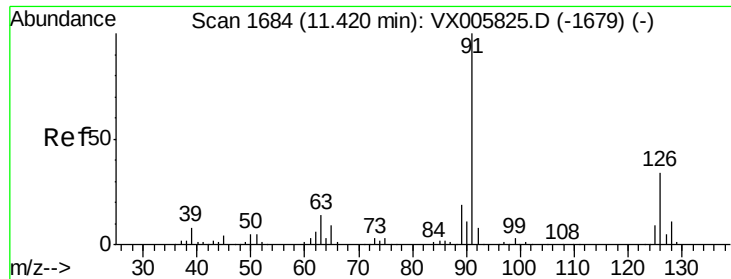
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





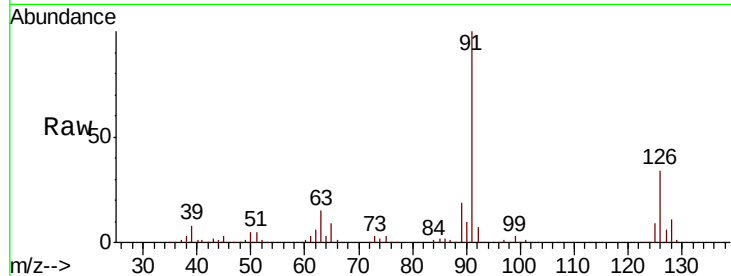
#79
 2-Chlorotoluene
 Concen: 20.739 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

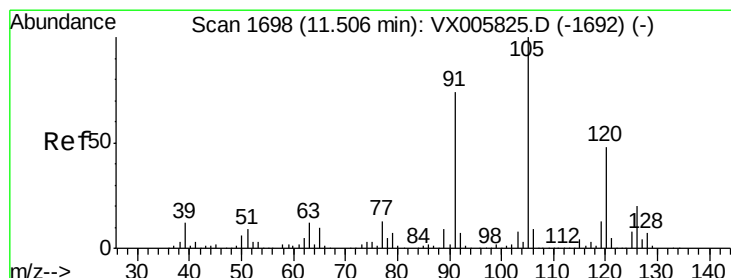
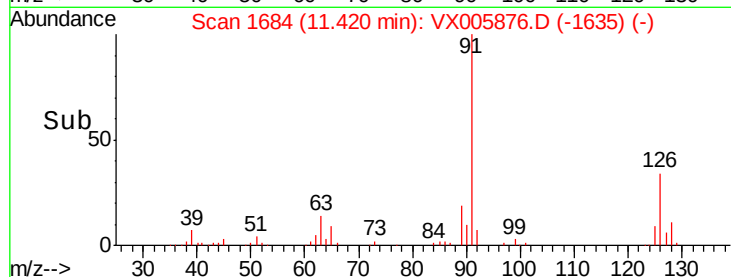
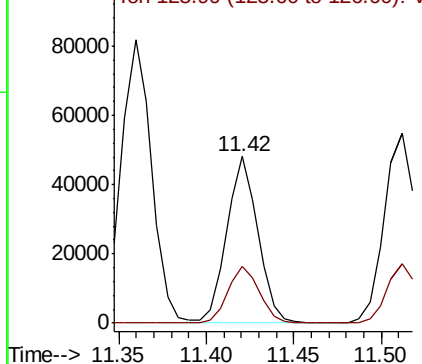
Tot Ion: 91 Resp: 58996
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 52.0

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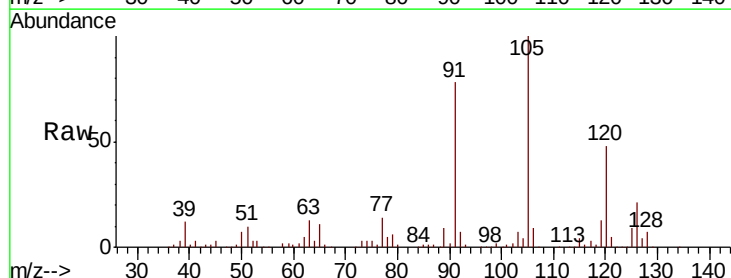


Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

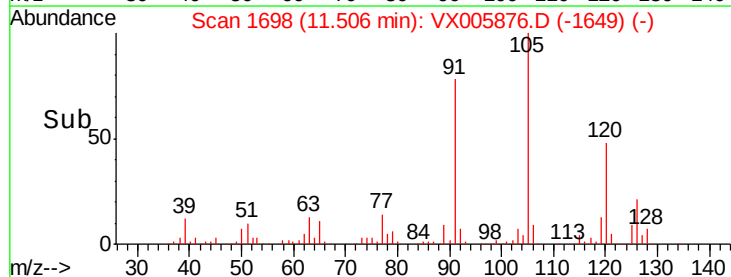
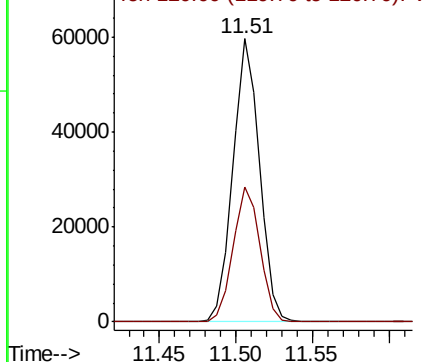


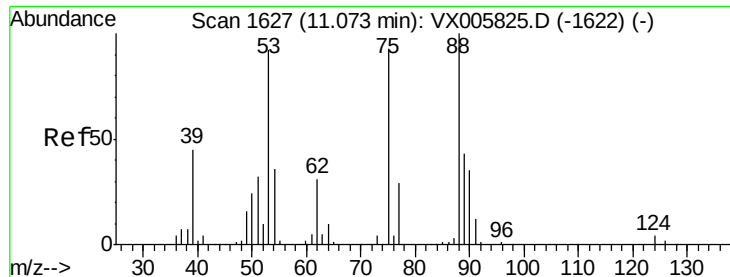
#80
 1,3,5-Trimethylbenzene
 Concen: 21.170 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion: 105 Resp: 71842
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.142 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion: 75 Resp: 8445

Ion Ratio Lower Upper

75 100

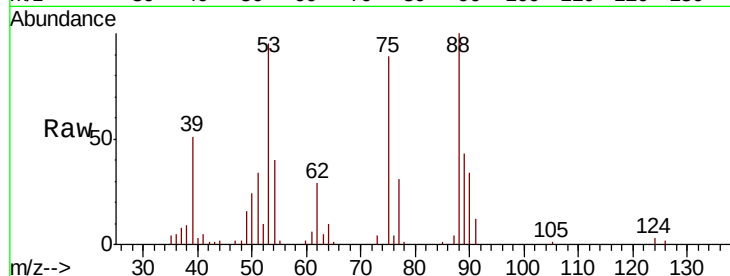
53 104.4 80.2 120.2

89 45.1 39.8 59.8

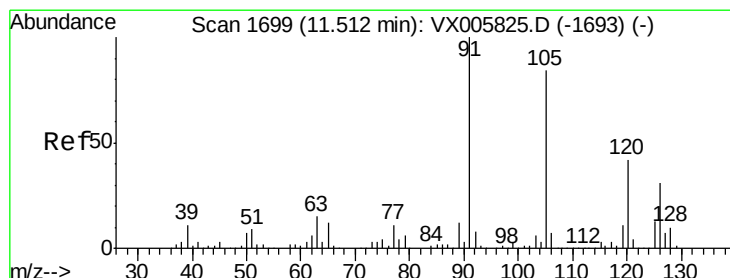
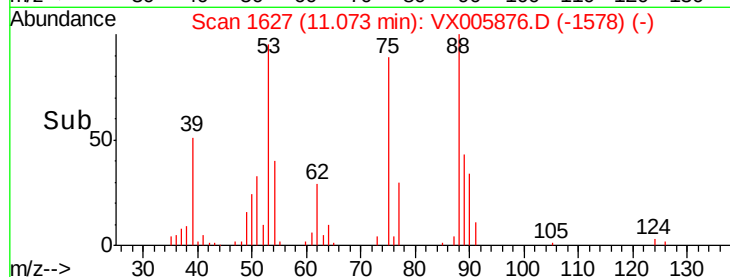
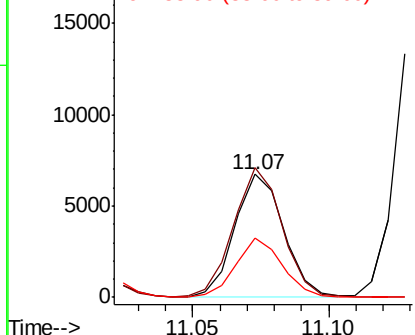
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.858 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005876.D

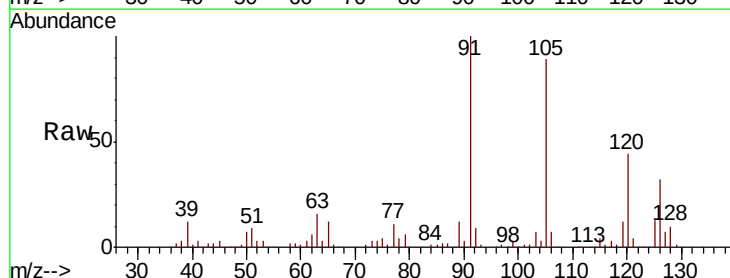
Acq: 09 Nov 2018 22:38

Tgt Ion: 91 Resp: 69927

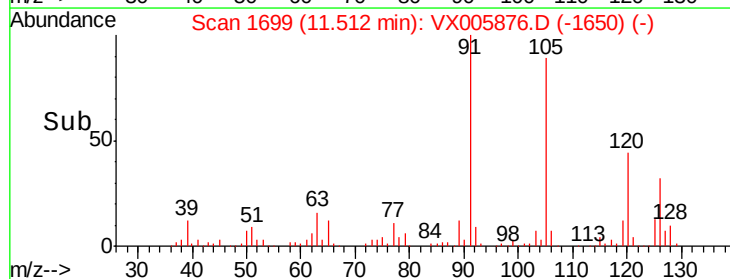
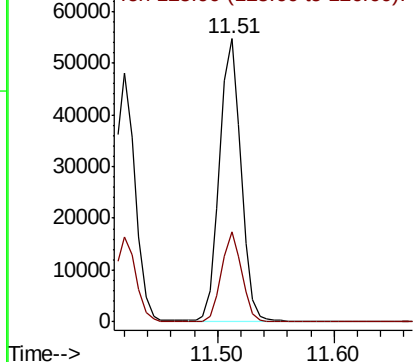
Ion Ratio Lower Upper

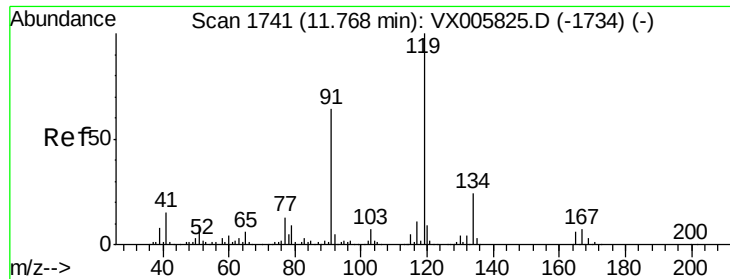
91 100

126 30.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





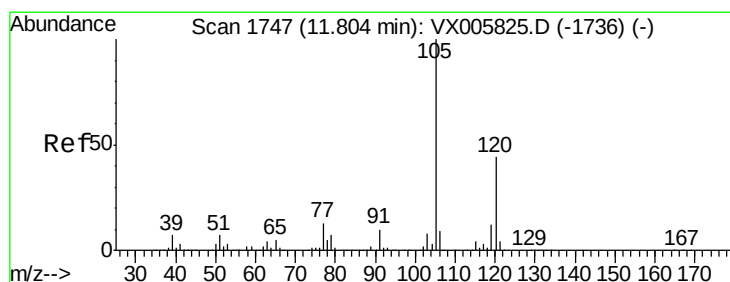
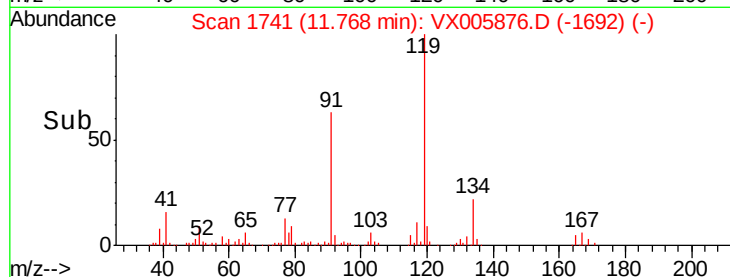
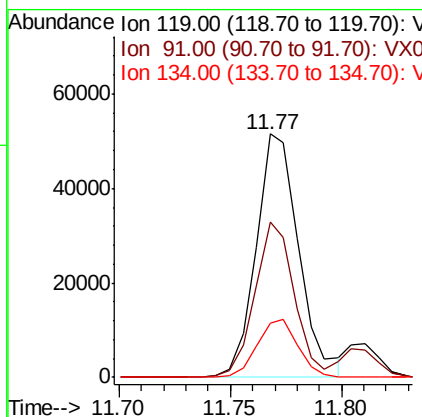
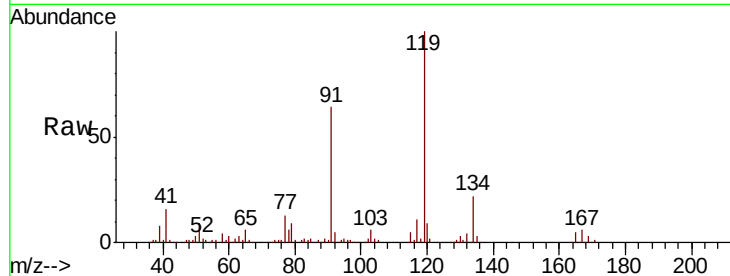
#83
 tert-Butylbenzene
 Concen: 20.066 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	68890		
91	58.7		28.5	85.5
134	22.8		11.3	33.8

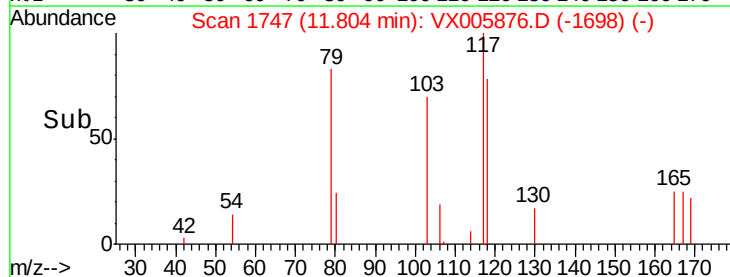
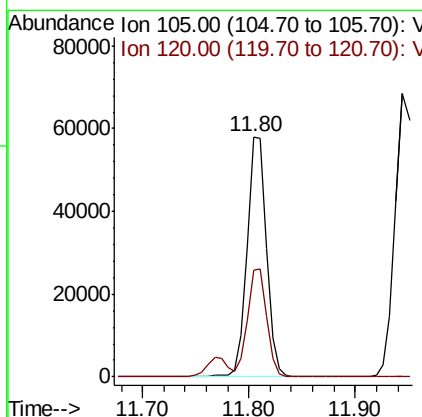
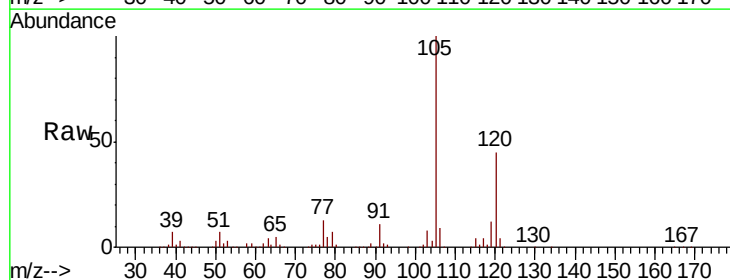
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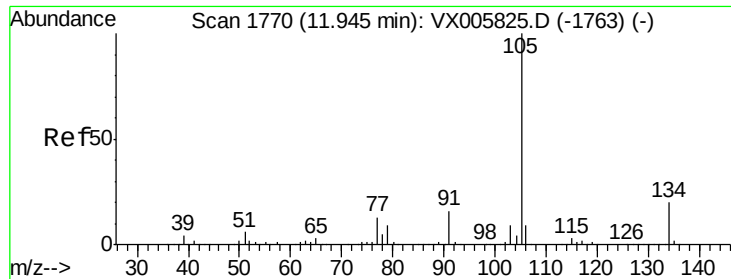
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.849 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	74605		
120	44.4		22.4	67.0





#85

sec-Butylbenzene

Concen: 20.314 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBS02

Tot Ion:105 Resp: 85284

Ion Ratio Lower Upper

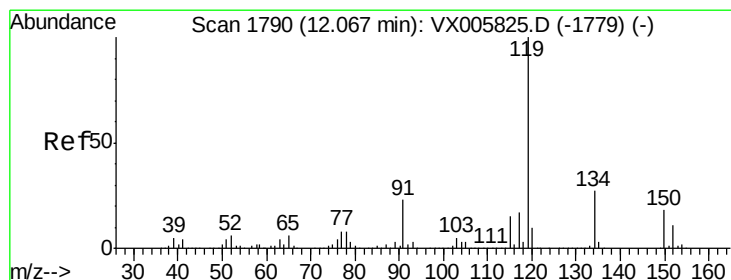
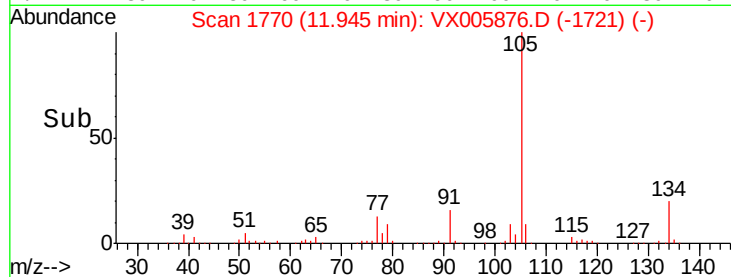
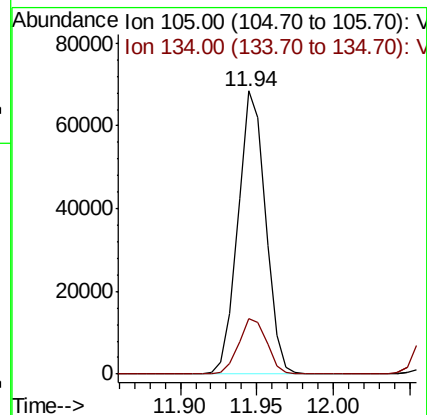
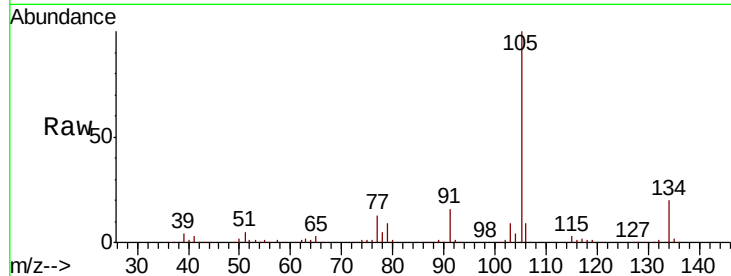
105 100

134 20.0 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 20.499 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

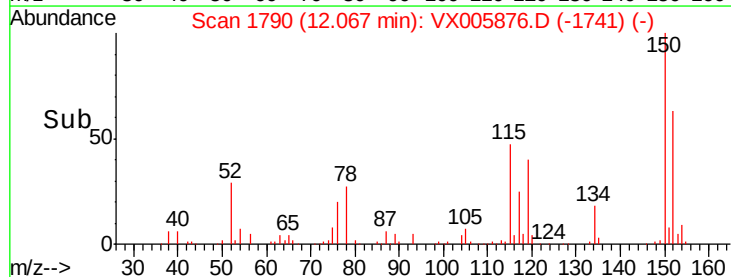
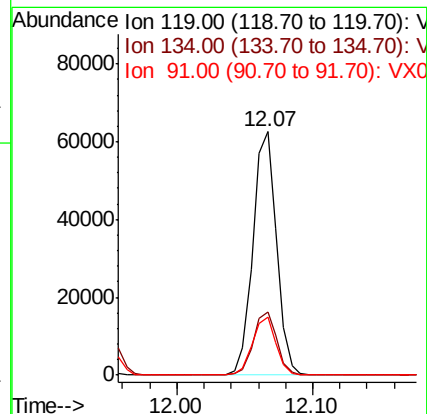
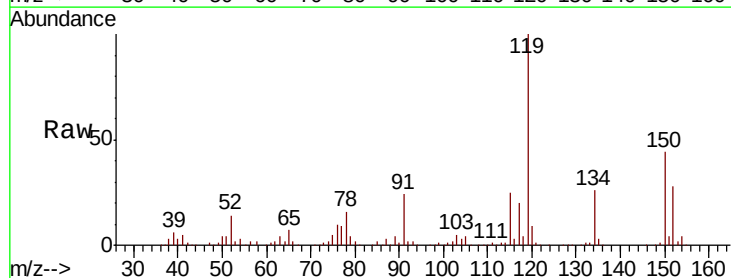
Tgt Ion:119 Resp: 76229

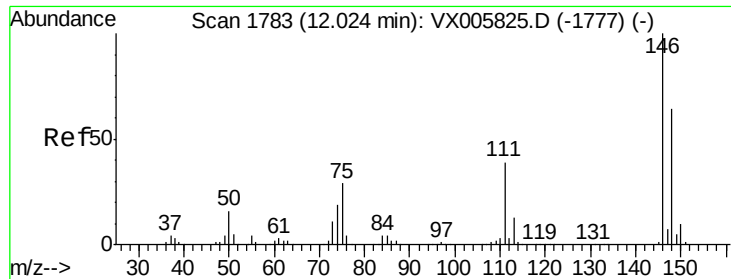
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.8 11.4 34.2





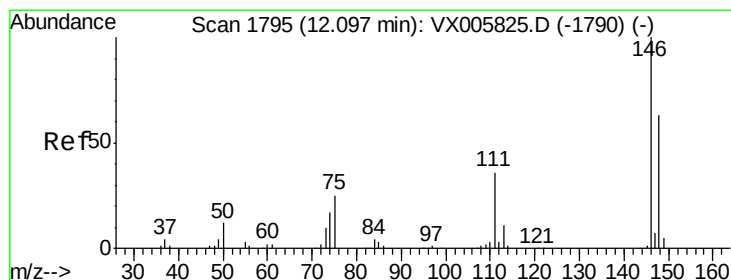
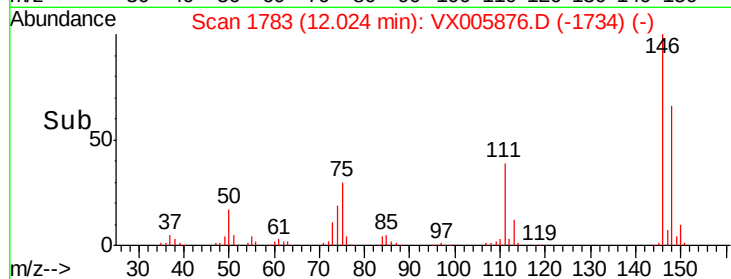
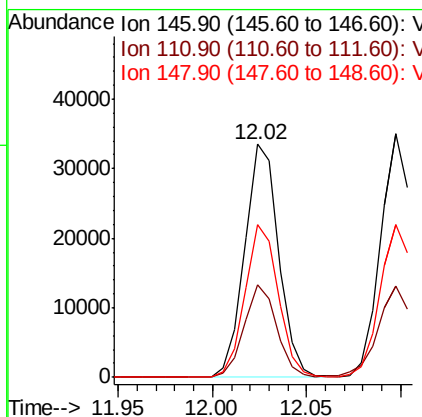
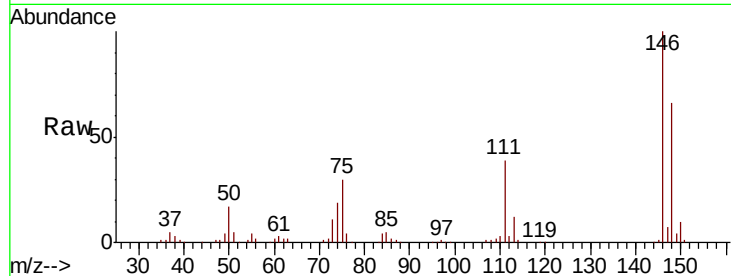
#87
 1,3-Dichlorobenzene
 Concen: 19.496 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	64.0	31.9	95.9

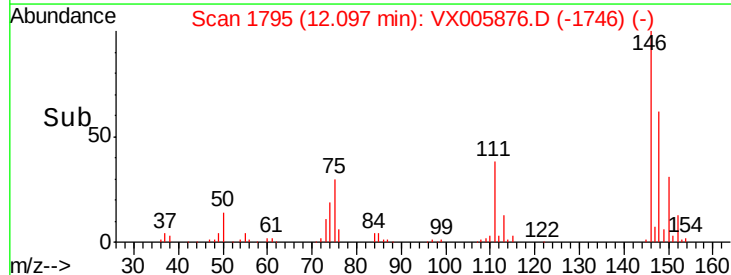
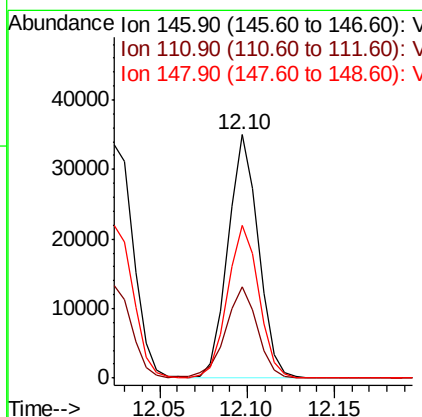
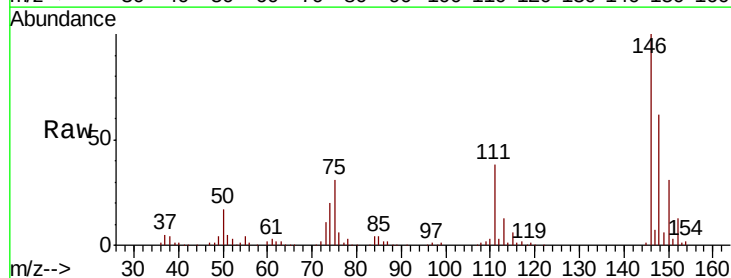
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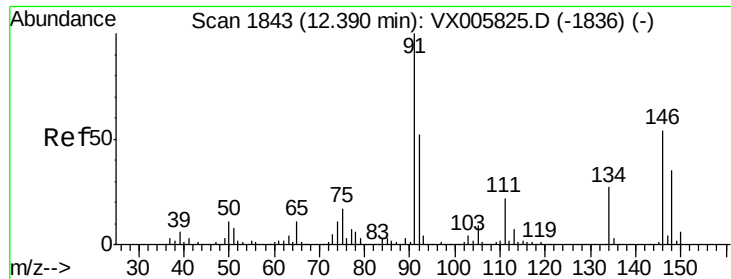
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#88
 1,4-Dichlorobenzene
 Concen: 19.201 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.6	55.8
148	64.8	32.1	96.3





#89

n-Butylbenzene

Concen: 18.819 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

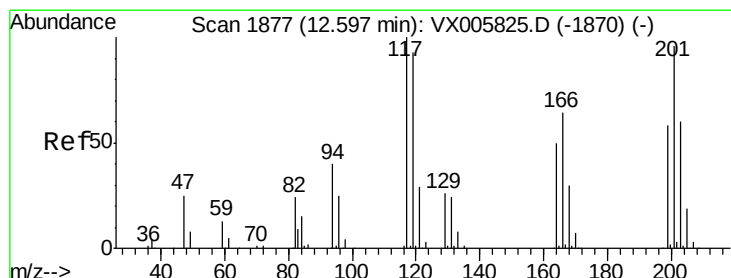
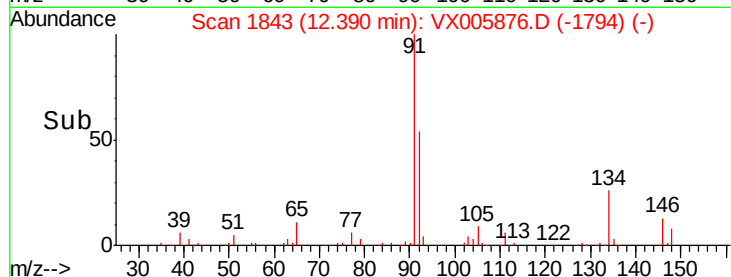
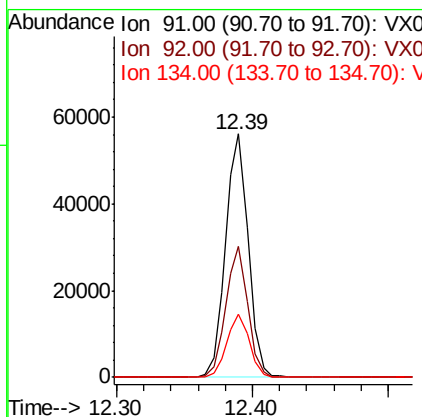
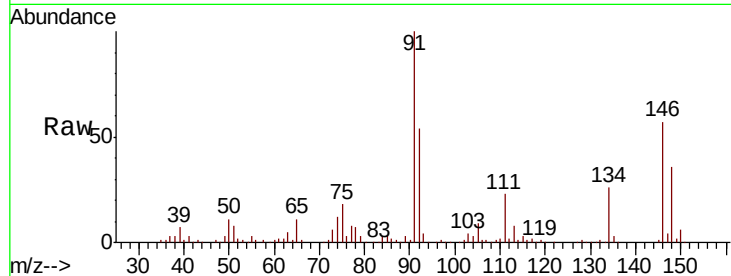
ClientSampleId :

VX1109MBS02

Tot Ion:	91	Resp:	64860
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	25.6	13.1	39.3

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#90

Hexachloroethane

Concen: 19.924 ug/l

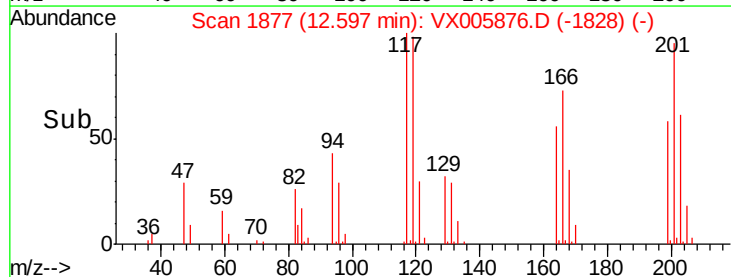
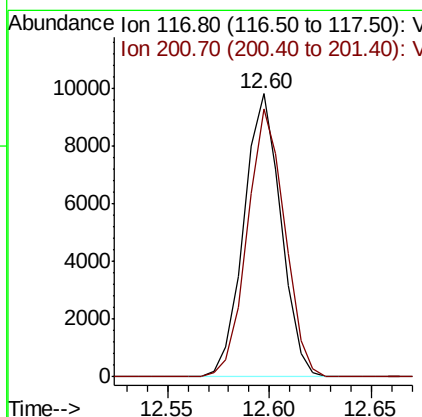
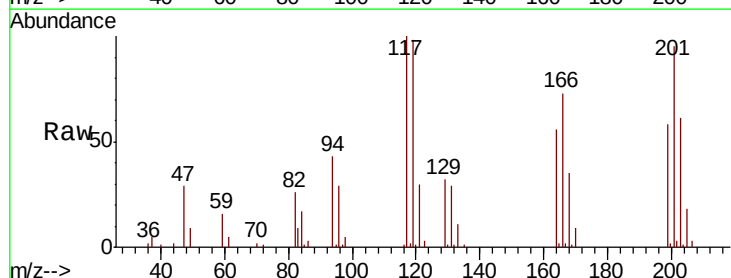
RT: 12.60 min Scan# 1877

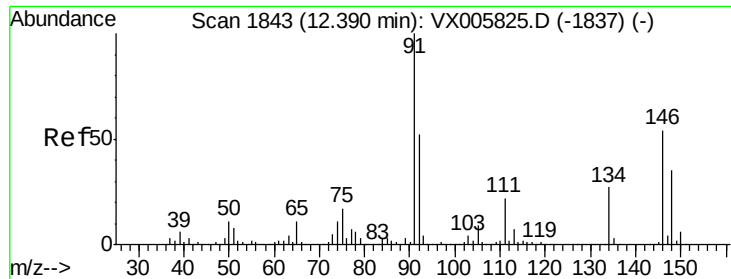
Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	117	Resp:	12370
Ion	Ratio	Lower	Upper
117	100		
201	95.7	47.9	143.6





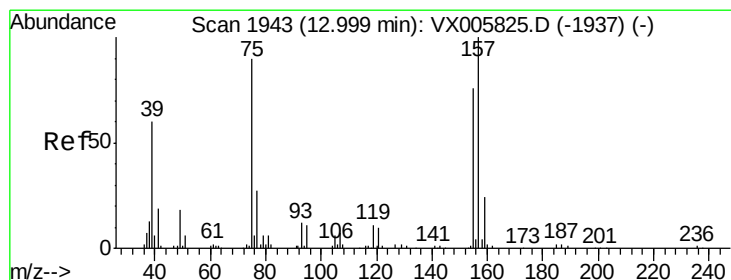
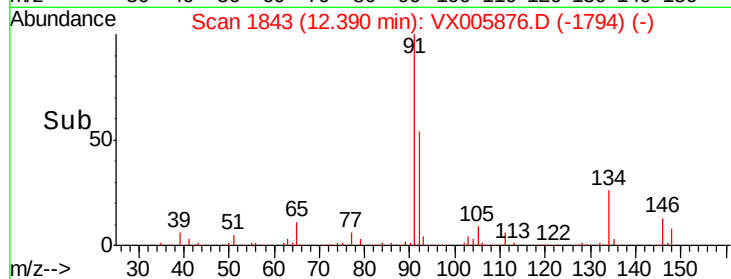
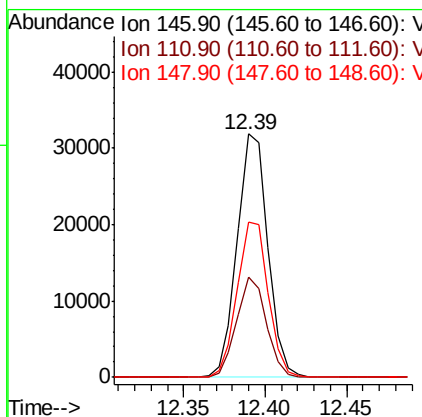
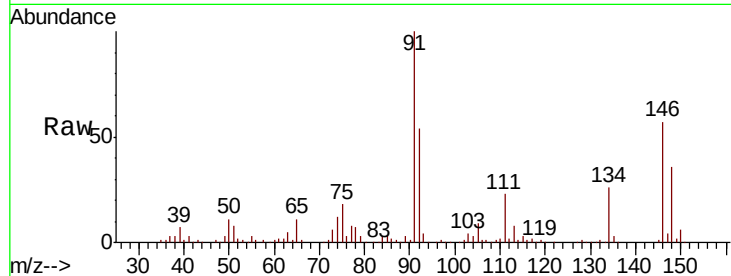
#91
1,2-Dichlorobenzene
Concen: 19.412 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	64.2	32.2	96.6

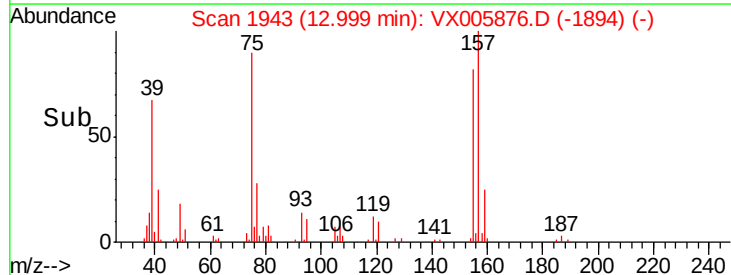
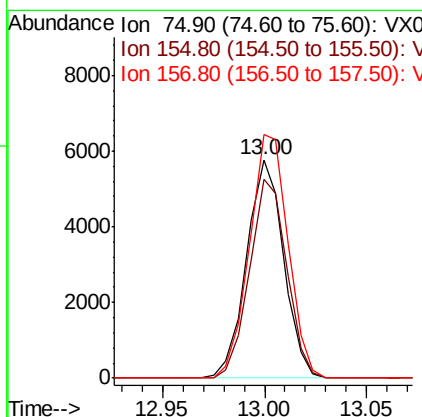
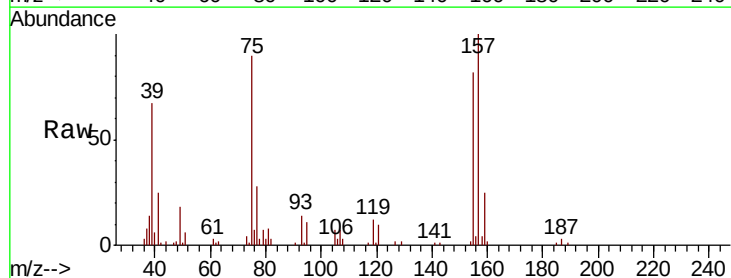
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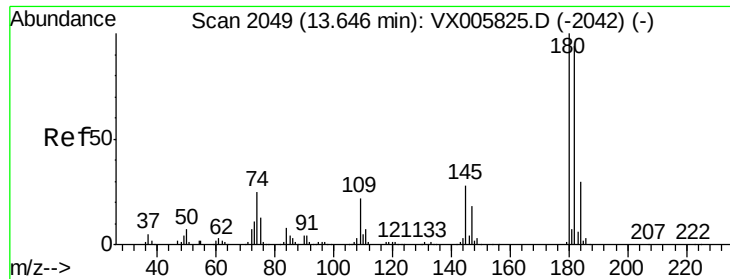
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.421 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX005876.D
Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.3	45.4	136.1
157	116.1	57.4	172.0





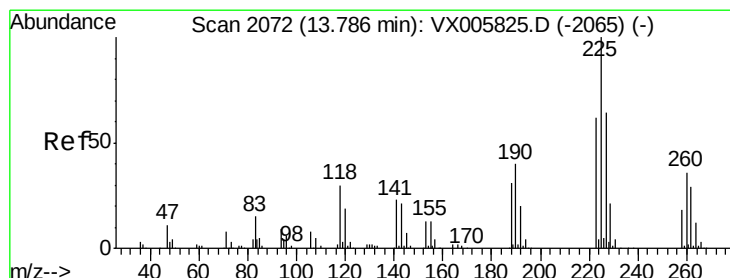
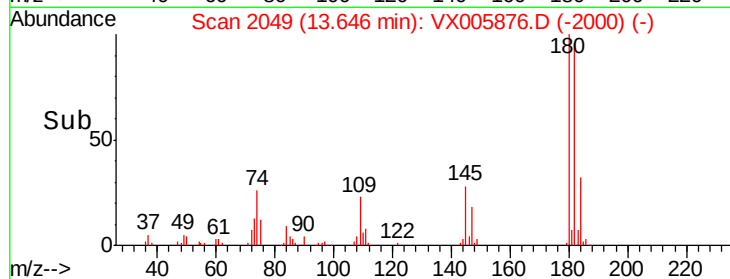
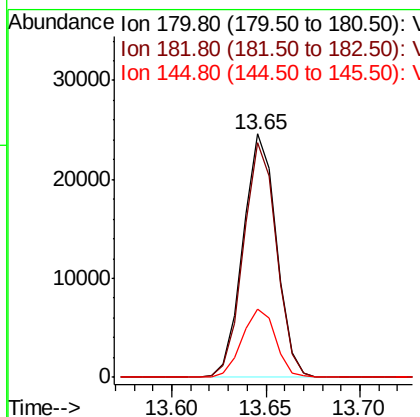
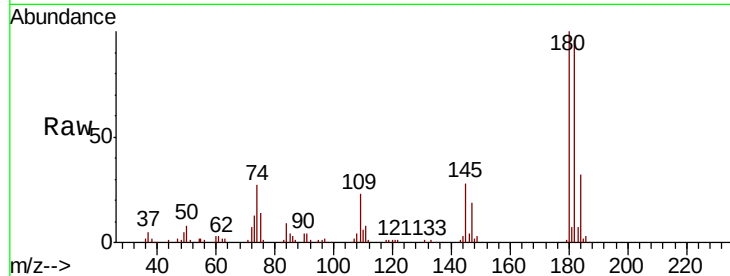
#93
 1,2,4-Trichlorobenzene
 Concen: 19.862 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30258		
182	95.3		47.6	142.8
145	28.3		14.1	42.2

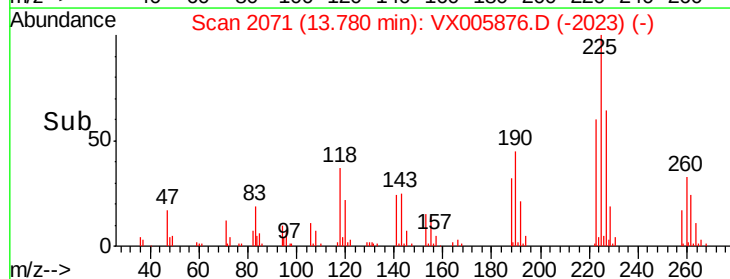
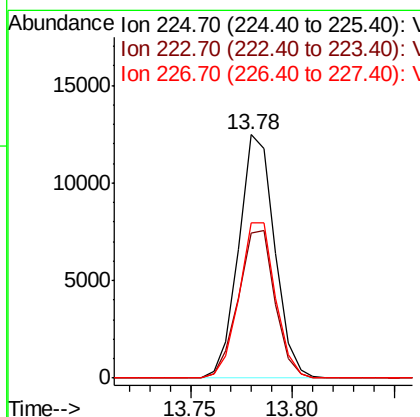
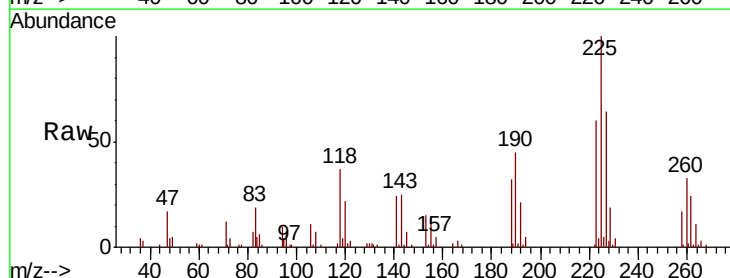
Manual Integrations
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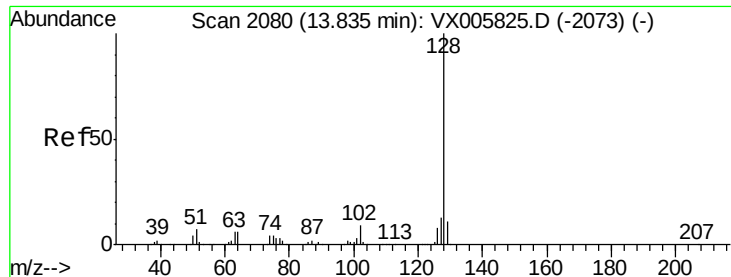
MMDadoda
 11/12/2018 9:12:02 AM



#94
 Hexachlorobutadiene
 Concen: 19.005 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005876.D
 Acq: 09 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	15208		
223	62.0		31.7	95.1
227	64.5		32.3	96.9





#95

Naphthalene

Concen: 19.223 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Instrument :

MSVOA_X

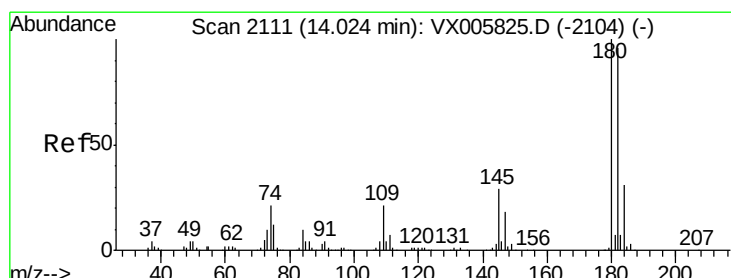
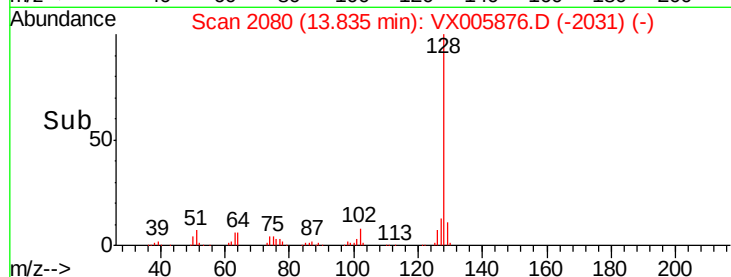
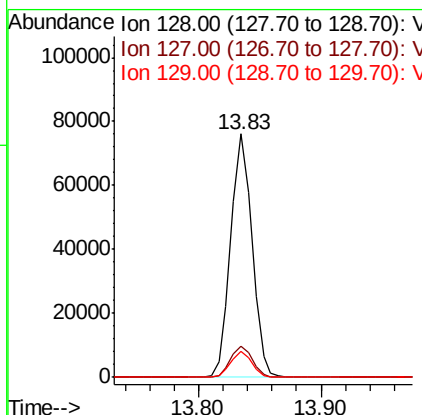
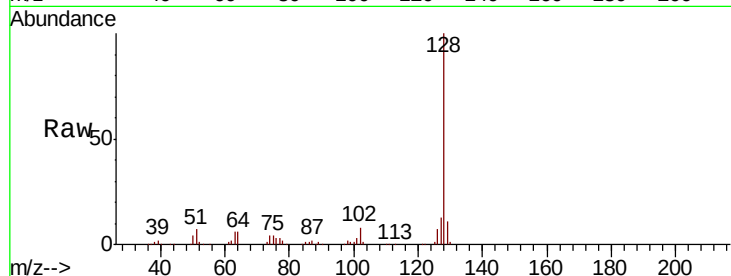
ClientSampleId :

VX1109MBS02

Tot Ion:	128	Resp:	91816
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
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MMDadoda
11/12/2018 9:12:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.492 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005876.D

Acq: 09 Nov 2018 22:38

Tgt Ion:	180	Resp:	31804
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.0	144.2
145	29.3	15.1	45.3

