

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005855.D
 Acq On : 09 Nov 2018 12:26
 Operator : JC/MD
 Sample : VX1109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:11:41 AM

Quant Time: Nov 12 00:12:10 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	5.66	168	111610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	152202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	62966	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.51	113	49192	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	8.71	98	184453	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.14	95	68485	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19766	19.642	ug/l	99
3) Chloromethane	1.32	50	26346	19.950	ug/l	89
4) Vinyl Chloride	1.40	62	25595	19.306	ug/l	98
5) Bromomethane	1.64	94	14986	18.471	ug/l	99
6) Chloroethane	1.72	64	16338	20.653	ug/l	99
7) Trichlorofluoromethane	1.93	101	35275	20.045	ug/l	98
8) Diethyl Ether	2.19	74	14162	20.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20565	20.319	ug/l	98
10) Methyl Iodide	2.51	142	21412	17.455	ug/l	98
11) Tert butyl alcohol	3.05	59	35075	95.426	ug/l	98
12) 1,1-Dichloroethene	2.37	96	19725	19.995	ug/l	88
13) Acrolein	2.29	56	13685	91.263	ug/l	98
14) Allyl chloride	2.73	41	43492	19.740	ug/l	99
15) Acrylonitrile	3.15	53	73551	96.557	ug/l	97
16) Acetone	2.44	43	68394	98.999	ug/l #	85
17) Carbon Disulfide	2.57	76	56500	19.201	ug/l	98
18) Methyl Acetate	2.78	43	37986	19.616	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	70340	20.891	ug/l	96
20) Methylene Chloride	2.85	84	21371	18.832	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	19996	19.217	ug/l	92
22) Diisopropyl ether	3.87	45	80096	20.752	ug/l	98
23) Vinyl Acetate	3.82	43	343812	103.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	42247	20.516	ug/l	98
25) 2-Butanone	4.70	43	106564	98.113	ug/l	96
26) 2,2-Dichloropropane	4.57	77	31808	21.058	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	22518	19.599	ug/l	98
28) Bromochloromethane	5.02	49	18550	20.157	ug/l	97
29) Tetrahydrofuran	5.15	42	68151	97.724	ug/l	99
30) Chloroform	5.21	83	38352	19.305	ug/l	96
31) Cyclohexane	5.58	56	35645	19.941	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	33427	20.172	ug/l	99
36) 1,1-Dichloropropene	5.80	75	28367	19.333	ug/l	98
37) Ethyl Acetate	4.85	43	37852	19.618	ug/l	98
38) Carbon Tetrachloride	5.78	117	30079	20.477	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31832	21.405	ug/l	96
40) Benzene	6.15	78	84444	19.742	ug/l	99
41) Methacrylonitrile	5.06	41	20571	19.731	ug/l #	87
42) 1,2-Dichloroethane	6.20	62	31707	20.696	ug/l	100
43) Isopropyl Acetate	6.45	43	54518	19.500	ug/l	97
44) Trichloroethene	7.21	130	22536	20.746	ug/l	88
45) 1,2-Dichloropropane	7.51	63	22319	21.498	ug/l	99
46) Dibromomethane	7.66	93	14108	21.655	ug/l	98
47) Bromodichloromethane	7.90	83	27134	22.038	ug/l	100
48) Methyl methacrylate	7.77	41	27099	21.586	ug/l	98
49) 1,4-Dioxane	7.75	88	11767	434.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	185006	104.995	ug/l	100
52) Toluene	8.79	92	50062	20.941	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	29614	20.382	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32170	21.723	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	20660	19.391	ug/l	98
56) Ethyl methacrylate	9.18	69	30985	19.437	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35226	19.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	90483	108.993	ug/l	99
59) 2-Hexanone	9.49	43	147049	94.677	ug/l	99
60) Dibromochloromethane	9.59	129	21579	18.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	21520	18.266	ug/l	99
64) Tetrachloroethene	9.34	164	23064	19.118	ug/l	98
65) Chlorobenzene	10.14	112	56763	19.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20183	20.451	ug/l	98
67) Ethyl Benzene	10.25	91	96690	21.242	ug/l	100
68) m/p-Xylenes	10.36	106	74529	42.925	ug/l	99
69) o-Xylene	10.70	106	35618	22.877	ug/l	100
70) Styrene	10.71	104	58993	22.970	ug/l	99
71) Bromoform	10.86	173	17205	20.797	ug/l #	99
73) Isopropylbenzene	11.02	105	98505	21.774	ug/l	99
74) N-amyl acetate	10.90	43	46168	18.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33369	20.096	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	32801m	20.591	ug/l	
77) Bromobenzene	11.26	156	25856	20.277	ug/l	99
78) n-propylbenzene	11.36	91	114565	21.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	68915	21.384	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	83727	21.779	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10084	20.176	ug/l	98
82) 4-Chlorotoluene	11.51	91	81511	21.461	ug/l	100
83) tert-Butylbenzene	11.77	119	82341	21.171	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	86271	20.263	ug/l	100
85) sec-Butylbenzene	11.94	105	101015	21.239	ug/l	100
86) p-Isopropyltoluene	12.07	119	90554	21.495	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	48531	19.831	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49128	19.611	ug/l	99
89) n-Butylbenzene	12.39	91	80477	20.611	ug/l	99
90) Hexachloroethane	12.60	117	14623	20.790	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	48817	19.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7915	19.533	ug/l	99

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ClientSampleId :
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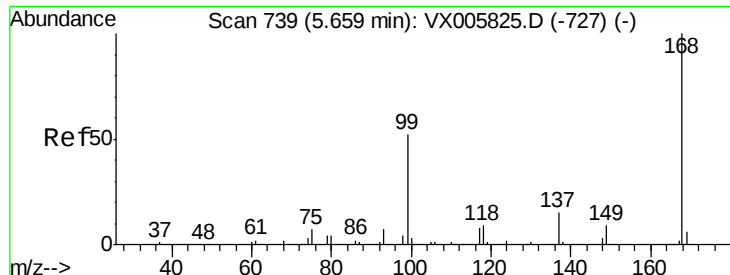
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35921	20.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	18678	20.603	ug/l	97
95) Naphthalene	13.83	128	105763	19.526	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36938	21.009	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:168 Resp: 111610

Ion Ratio Lower Upper

168 100

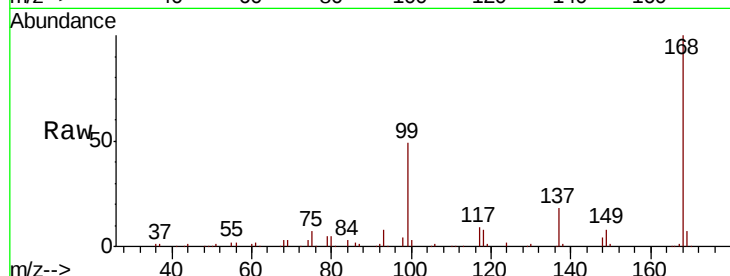
99 48.7 40.7 61.1

Manual Integrations

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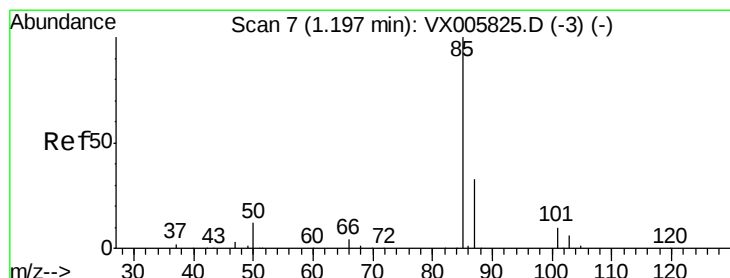
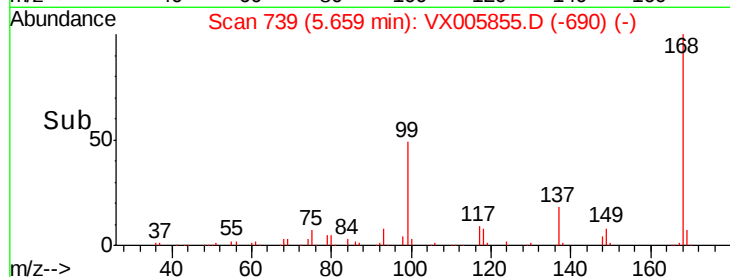
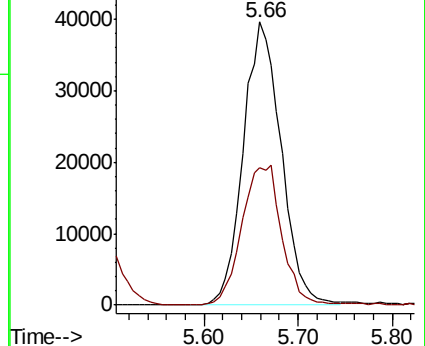
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.642 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005855.D

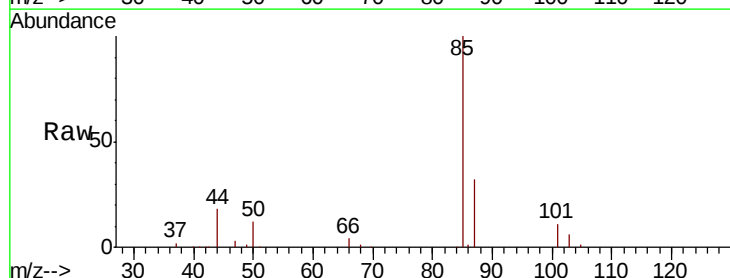
Acq: 09 Nov 2018 12:26

Tgt Ion: 85 Resp: 19766

Ion Ratio Lower Upper

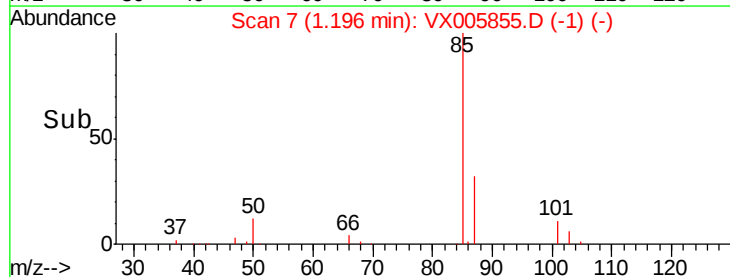
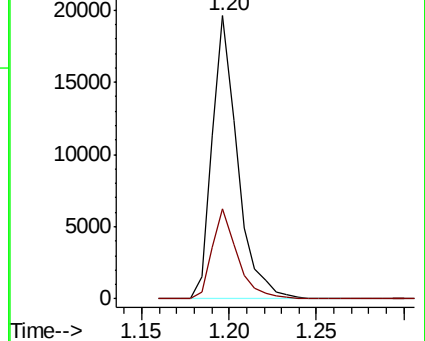
85 100

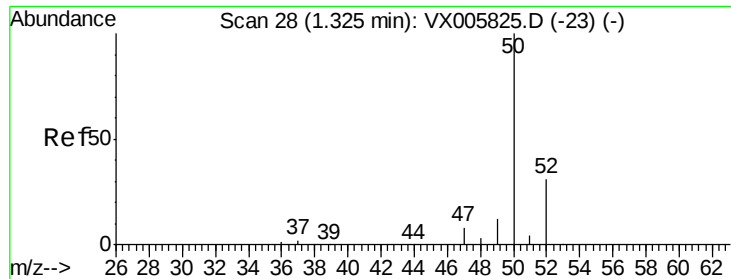
87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.950 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 50 Resp: 26346

Ion Ratio Lower Upper

50 100

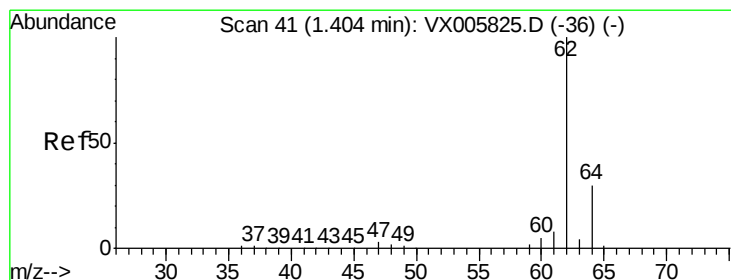
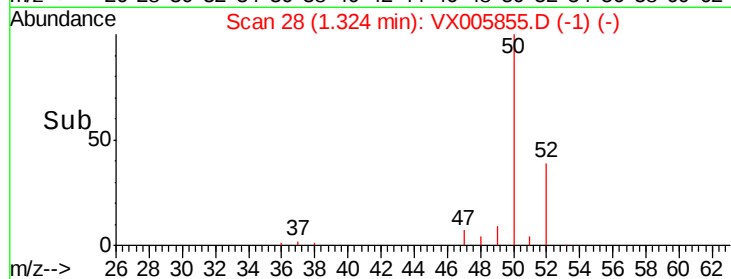
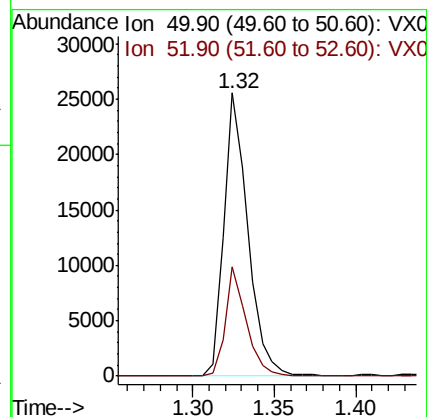
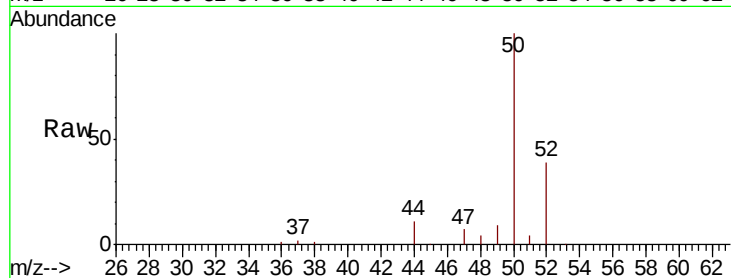
52 38.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.306 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005855.D

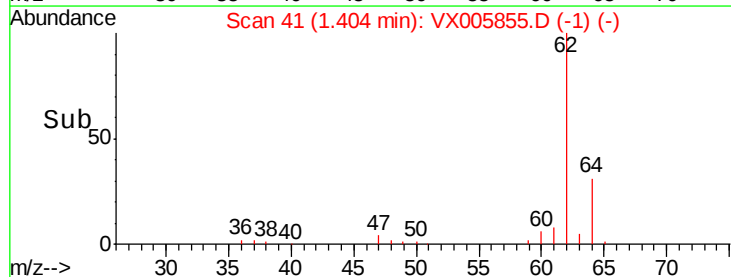
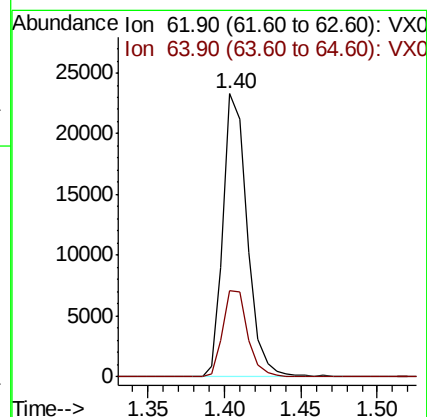
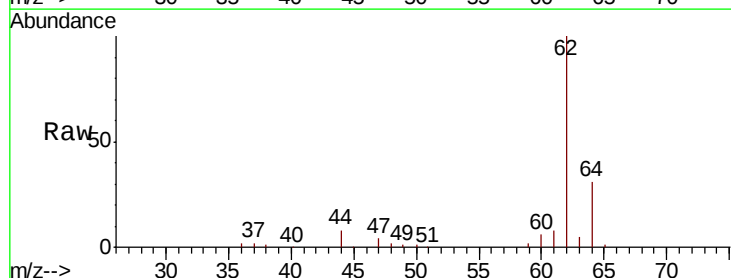
Acq: 09 Nov 2018 12:26

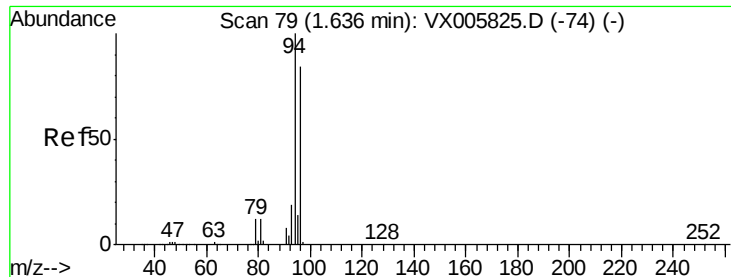
Tgt Ion: 62 Resp: 25595

Ion Ratio Lower Upper

62 100

64 30.5 25.3 37.9





#5

Bromomethane

Concen: 18.471 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 94 Resp: 14986

Ion Ratio Lower Upper

94 100

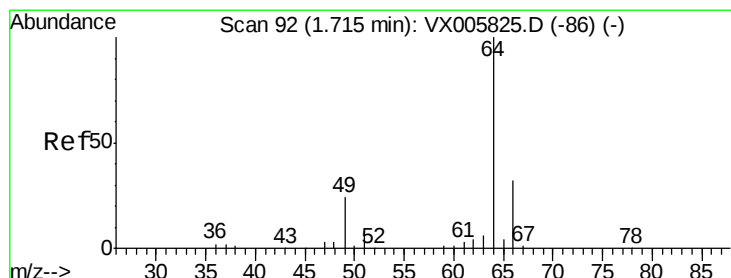
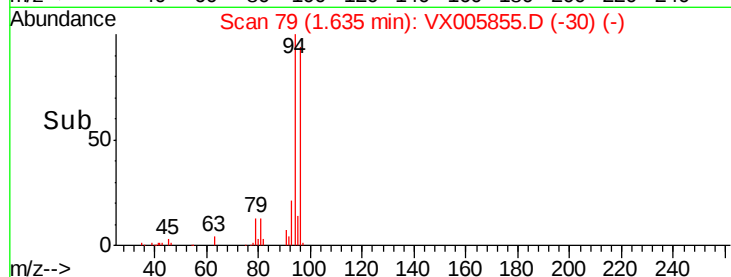
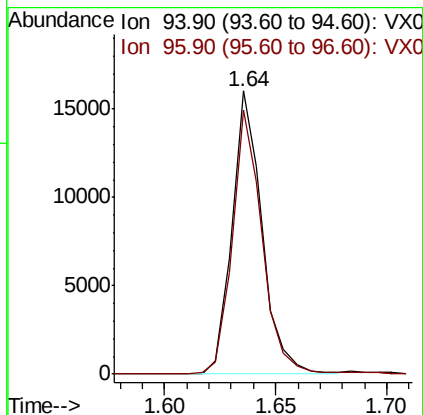
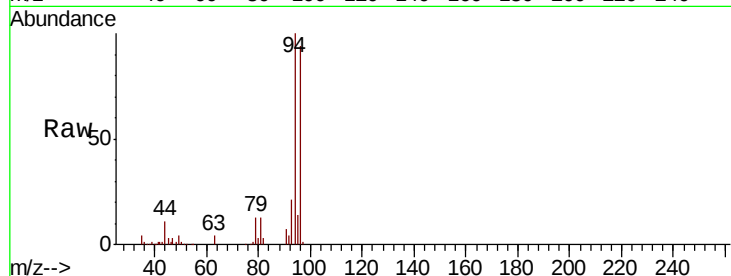
96 93.5 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 20.653 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005855.D

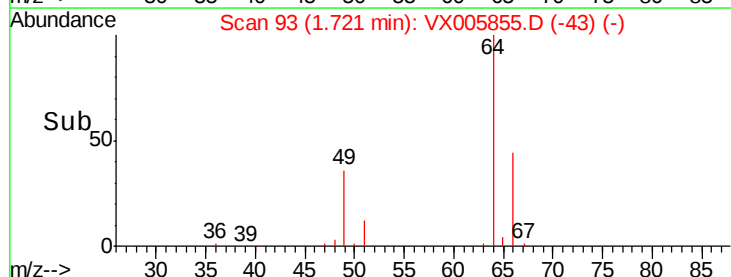
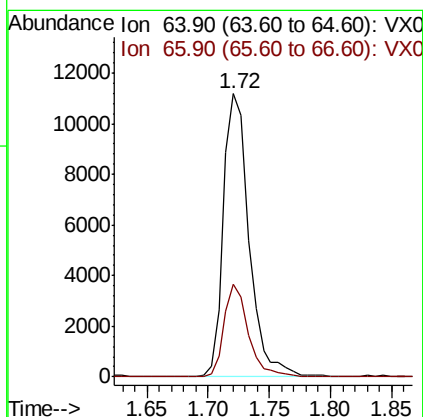
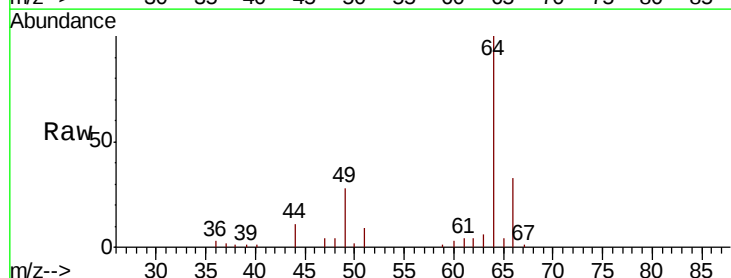
Acq: 09 Nov 2018 12:26

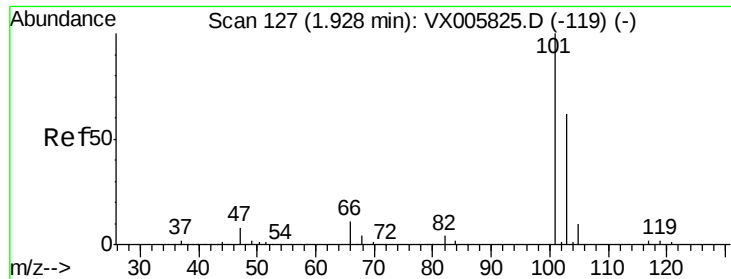
Tgt Ion: 64 Resp: 16338

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.6





#7

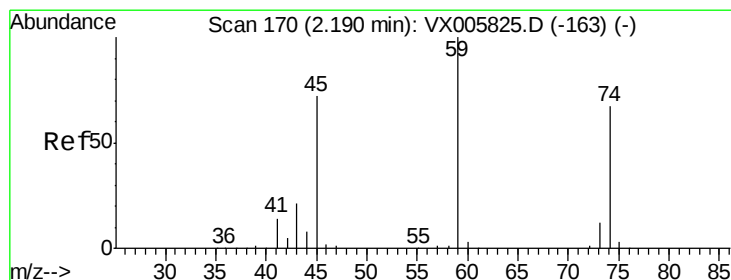
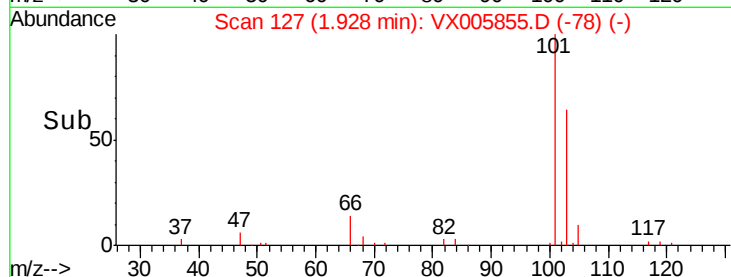
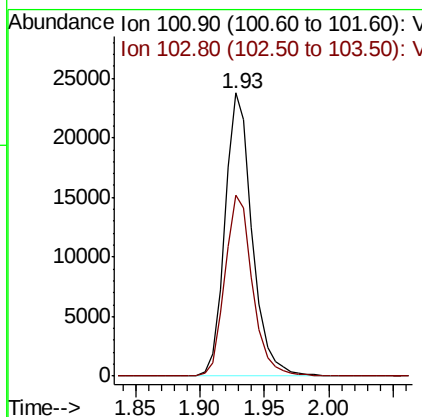
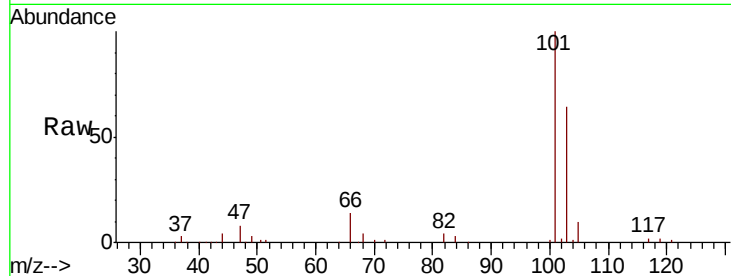
Trichlorofluoromethane
Concen: 20.045 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion:101 Resp: 35275
Ion Ratio Lower Upper
101 100
103 63.8 50.0 75.0

Manual Integrations
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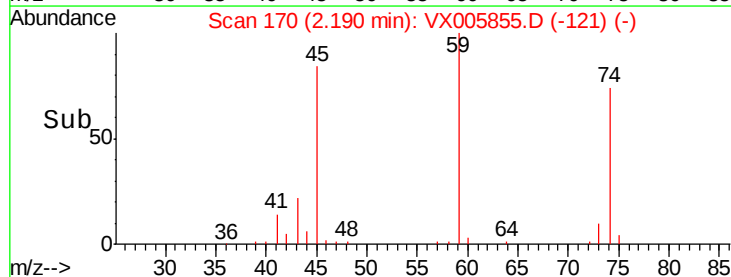
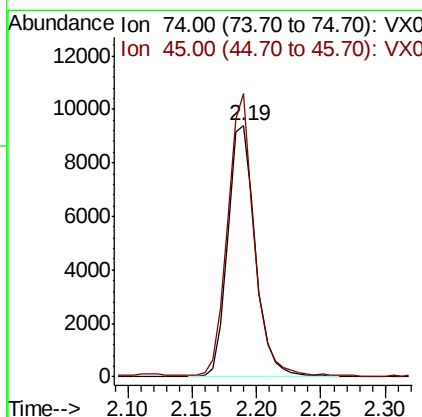
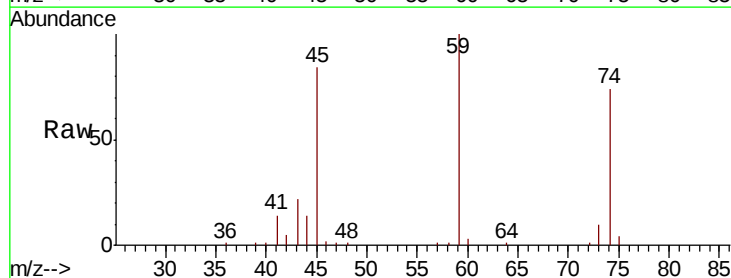
MMDadoda
11/12/2018 9:11:41 AM

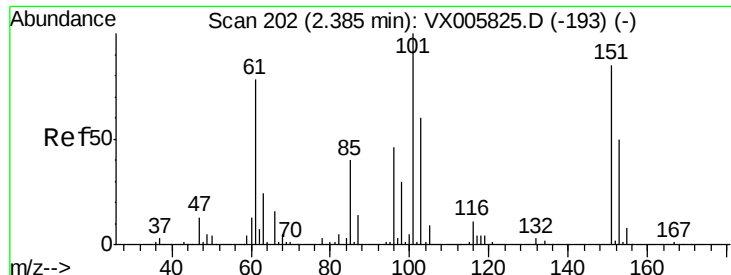


#8

Diethyl Ether
Concen: 20.537 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 74 Resp: 14162
Ion Ratio Lower Upper
74 100
45 106.8 54.1 162.3





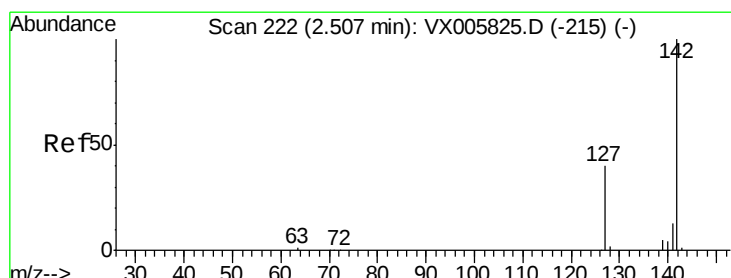
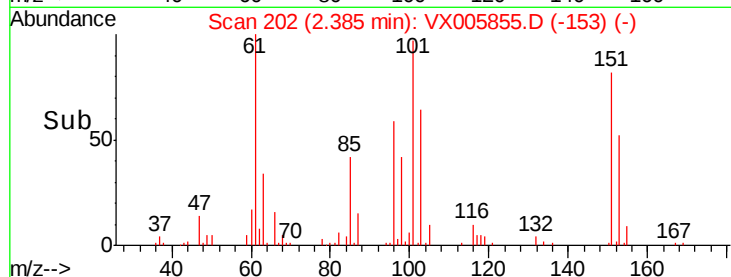
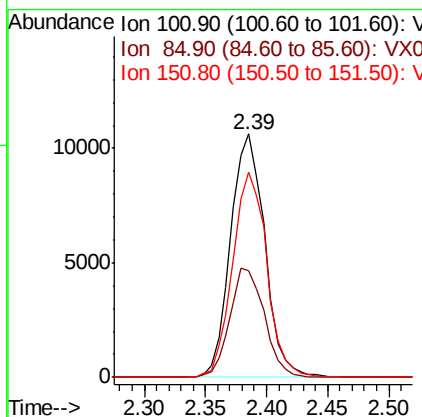
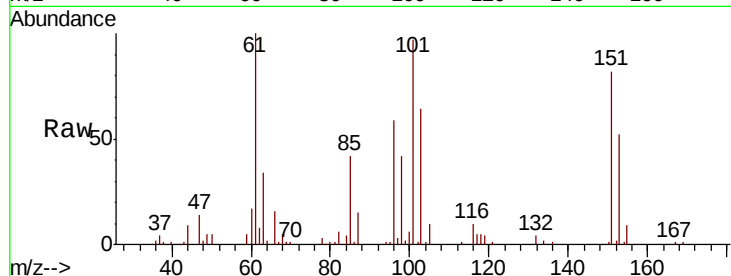
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.319 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	20565		
85	45.0		35.0	52.4
151	84.5		66.2	99.2

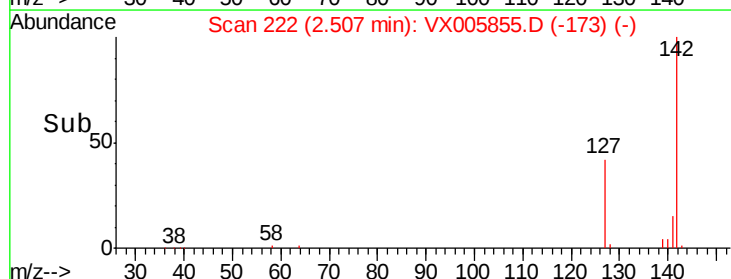
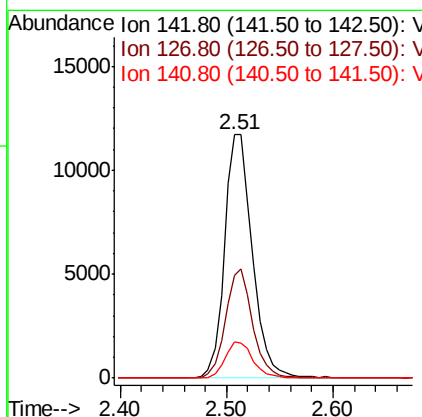
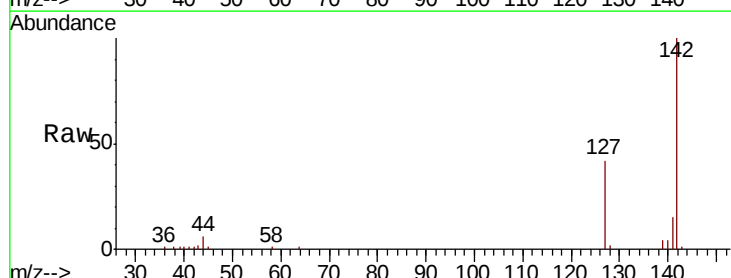
Manual Integrations
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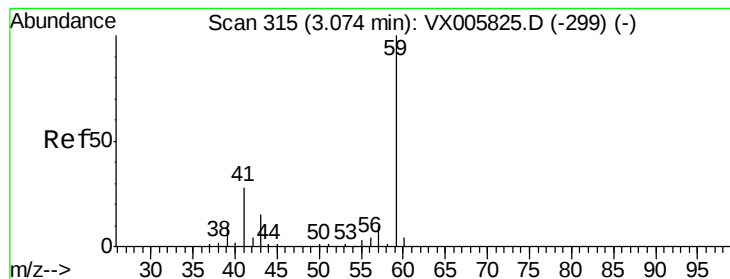
MMDadoda
11/12/2018 9:11:41 AM



#10
Methyl Iodide
Concen: 17.455 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	21412		
127	43.2		36.0	54.0
141	14.4		11.7	17.5





#11

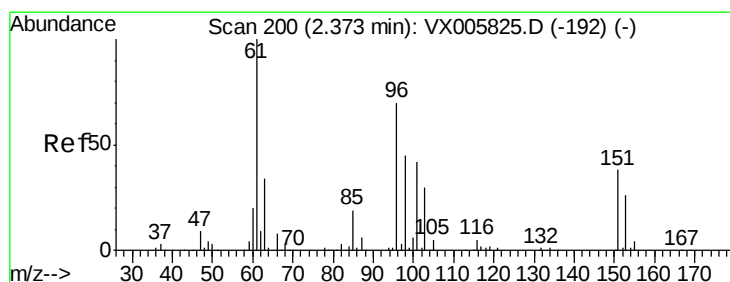
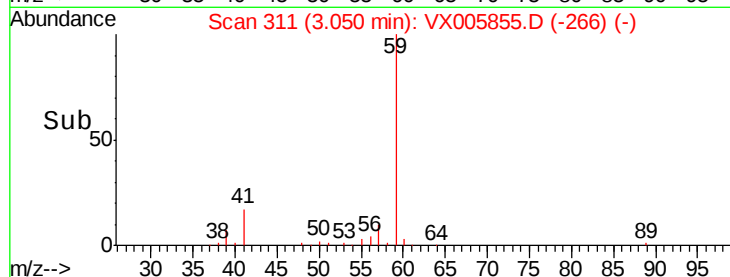
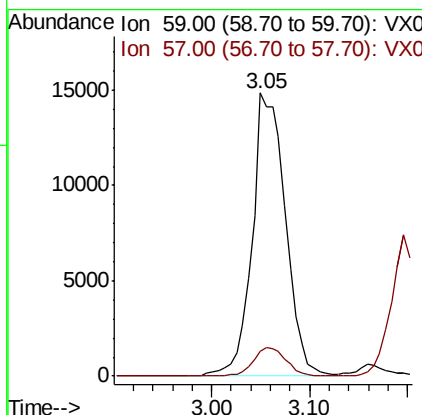
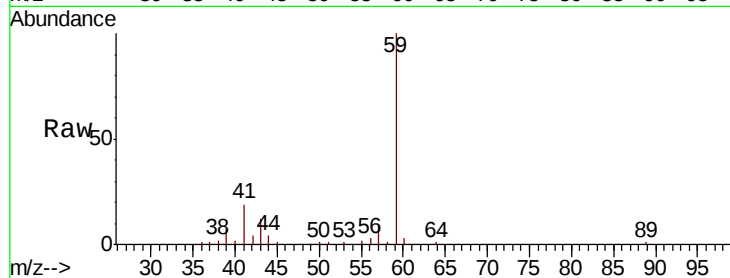
Tert butyl alcohol
Concen: 95.426 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.02 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

Manual Integrations
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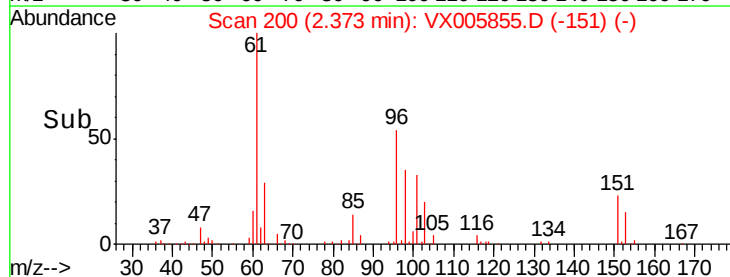
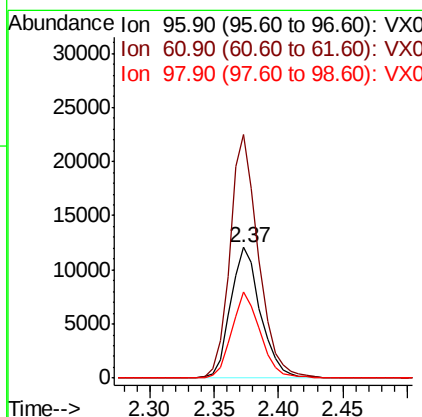
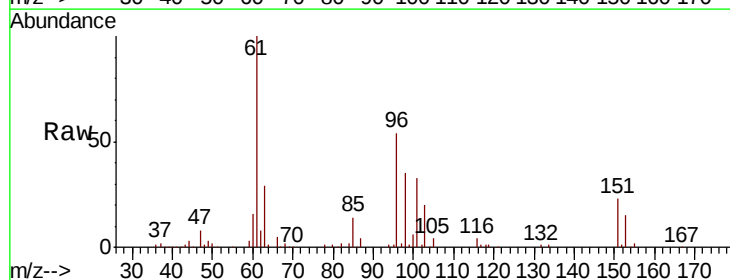
MMDadoda
11/12/2018 9:11:41 AM

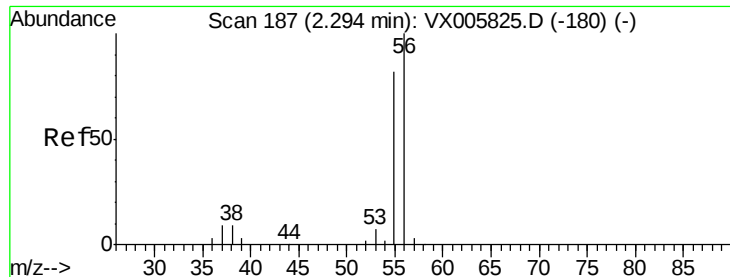


#12

1,1-Dichloroethene
Concen: 19.995 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.2	131.8	197.8
98	65.9	53.4	80.2





#13

Acrolein

Concen: 91.263 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 56 Resp: 13685

Ion Ratio Lower Upper

56 100

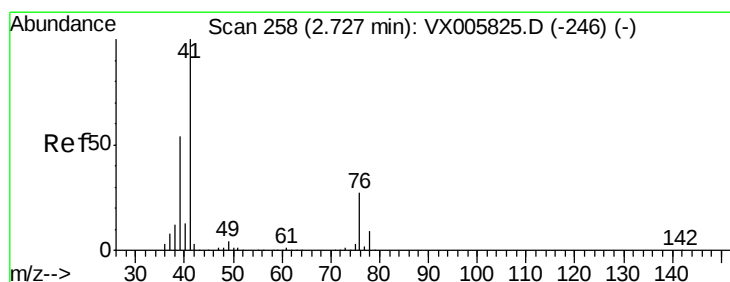
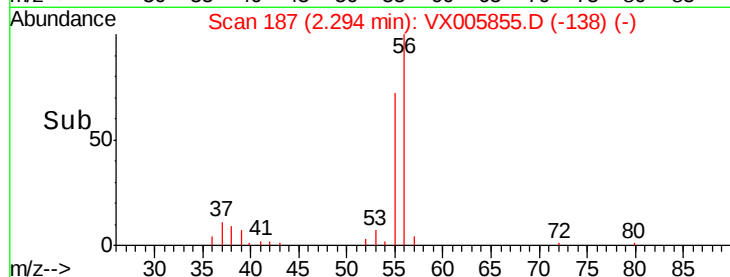
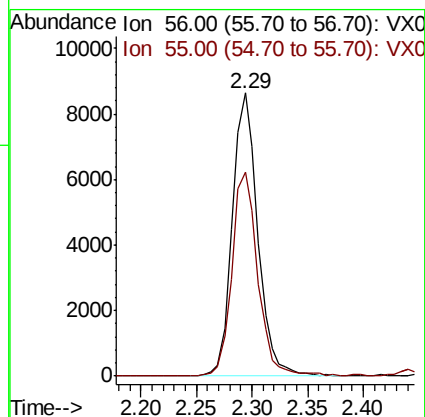
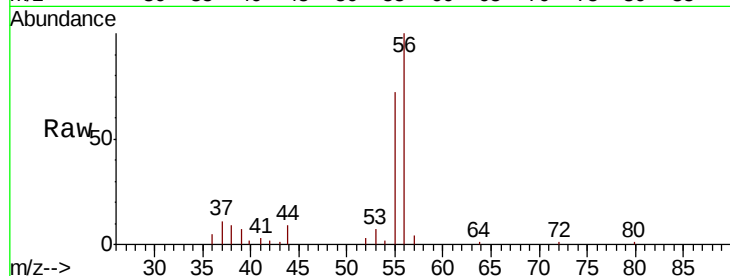
55 73.3 57.3 85.9

Manual Integrations

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#14

Allyl chloride

Concen: 19.740 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

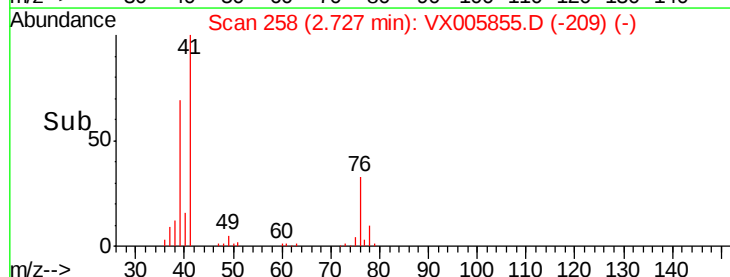
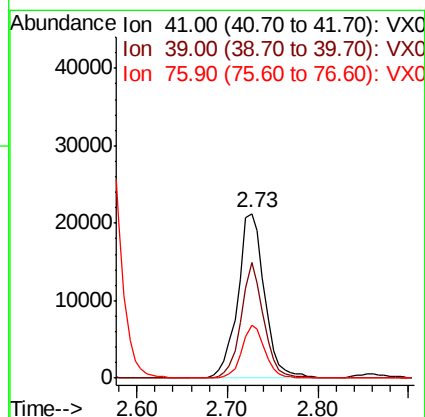
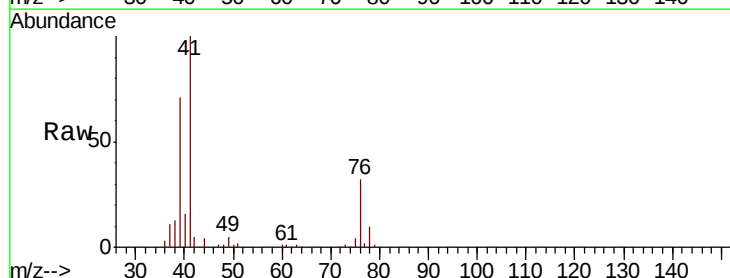
Tgt Ion: 41 Resp: 43492

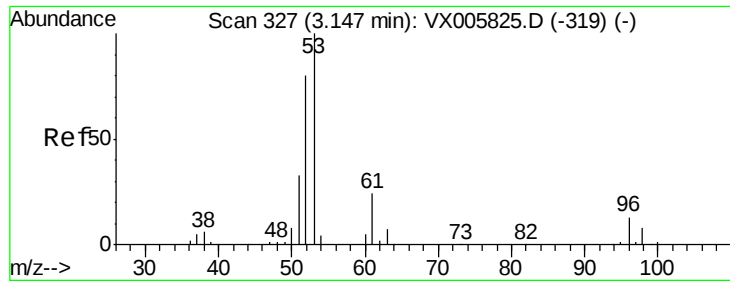
Ion Ratio Lower Upper

41 100

39 59.8 48.2 72.4

76 27.5 21.9 32.9





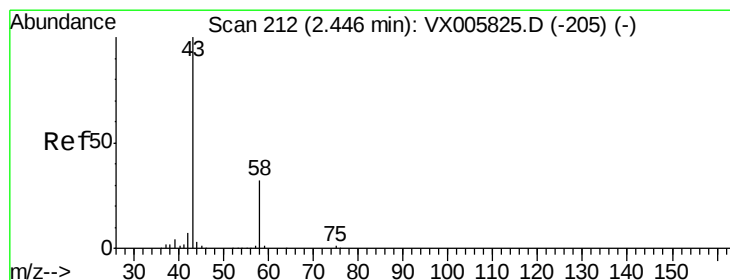
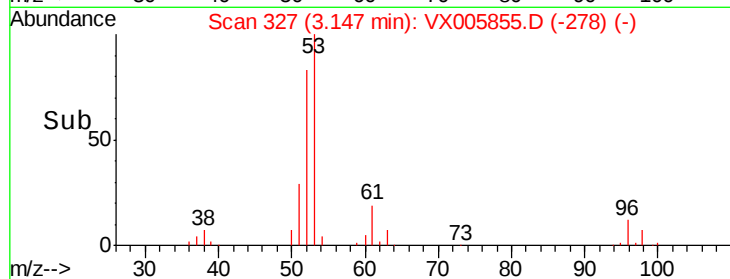
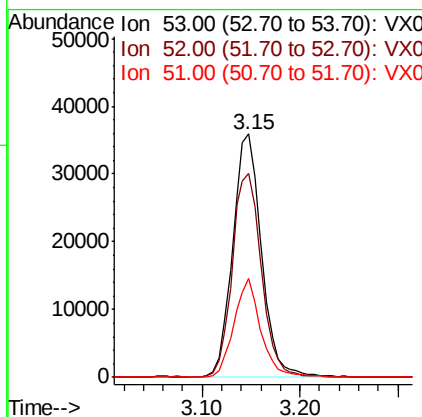
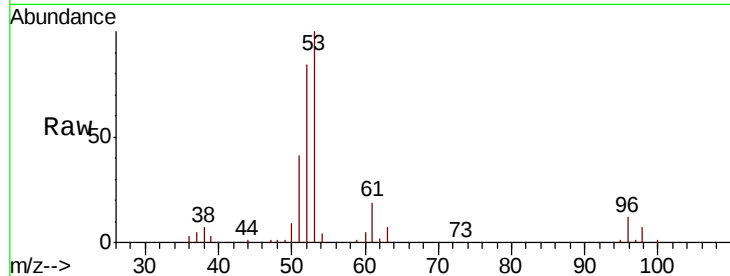
#15
 Acrylonitrile
 Concen: 96.557 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.6	99.8
51	38.2	28.4	42.6

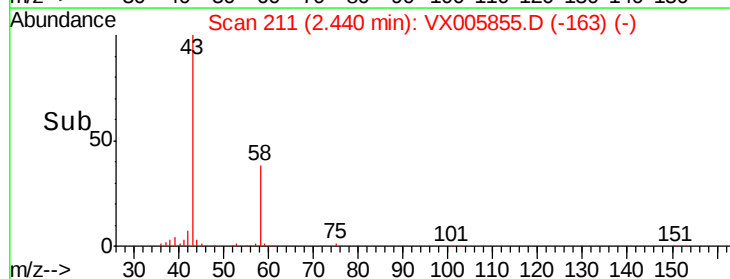
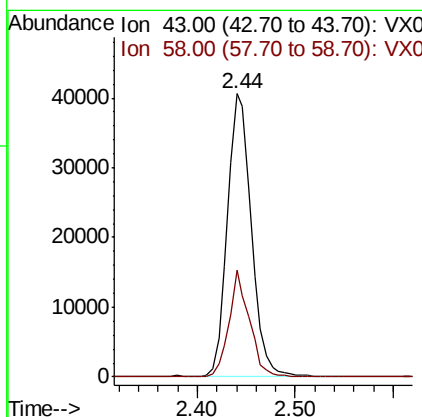
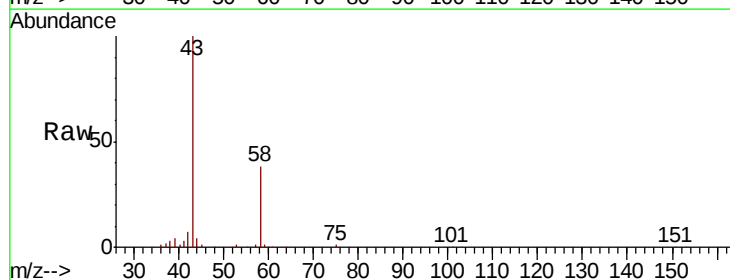
Manual Integrations
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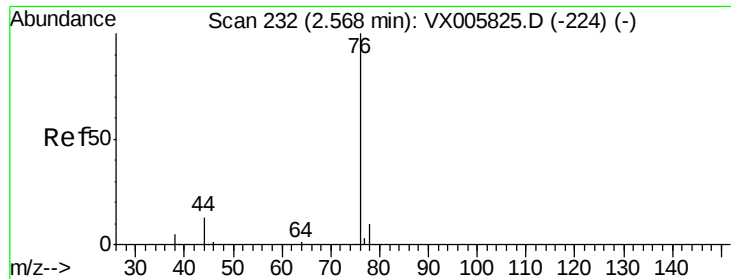
MMDadoda
 11/12/2018 9:11:41 AM



#16
 Acetone
 Concen: 98.999 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.0	23.8	35.6#





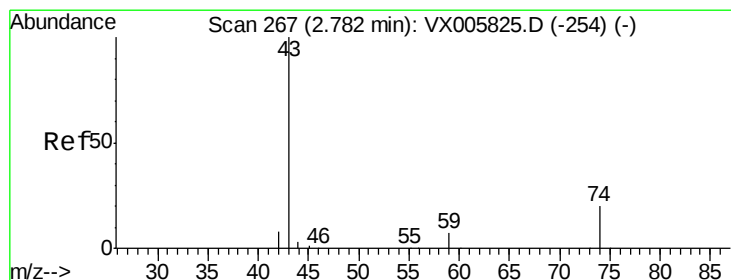
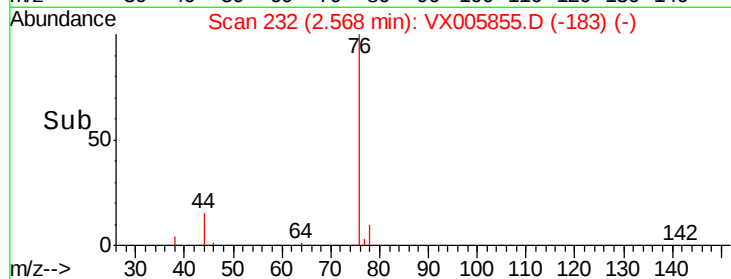
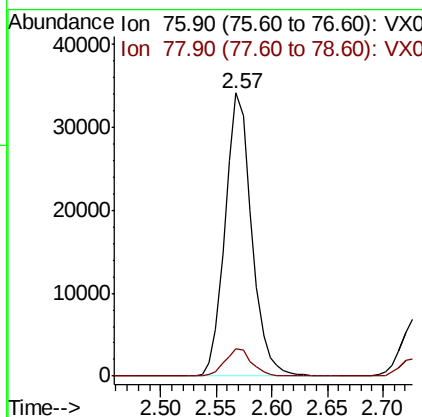
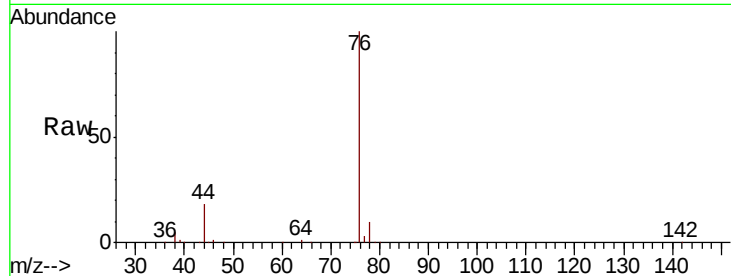
#17
Carbon Disulfide
Concen: 19.201 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

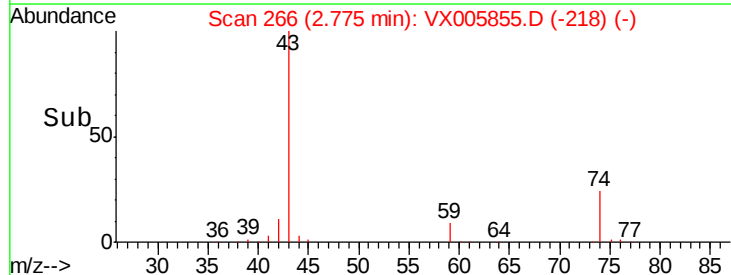
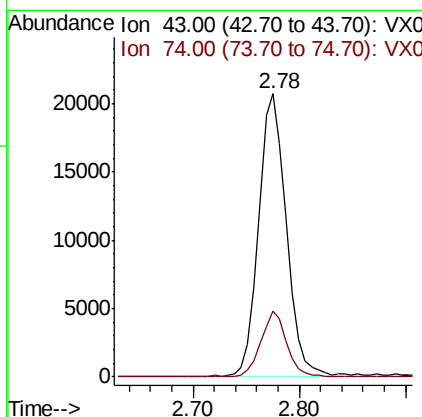
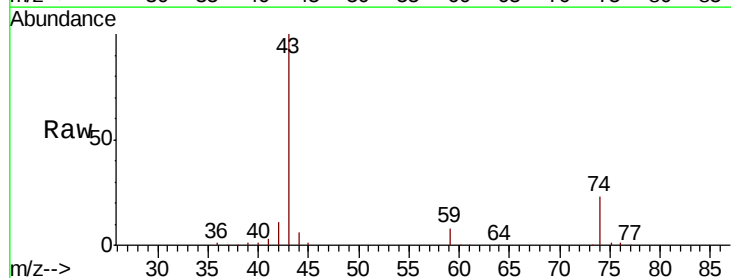
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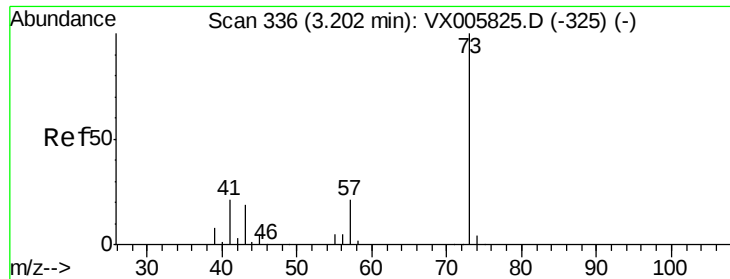
MMDadoda
11/12/2018 9:11:41 AM



#18
Methyl Acetate
Concen: 19.616 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.8	25.2





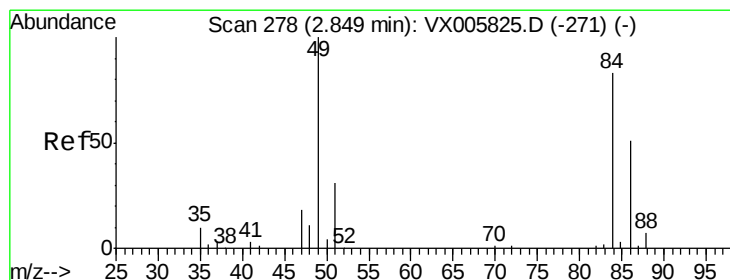
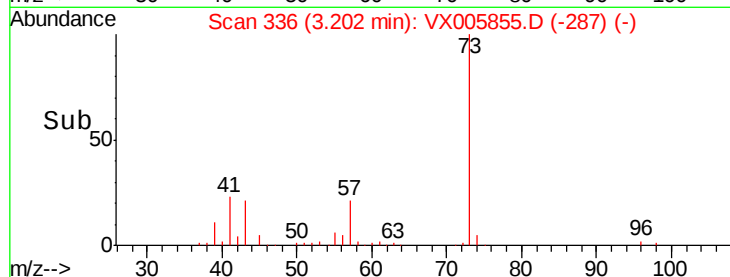
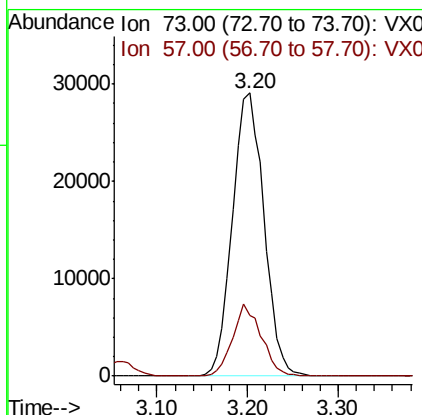
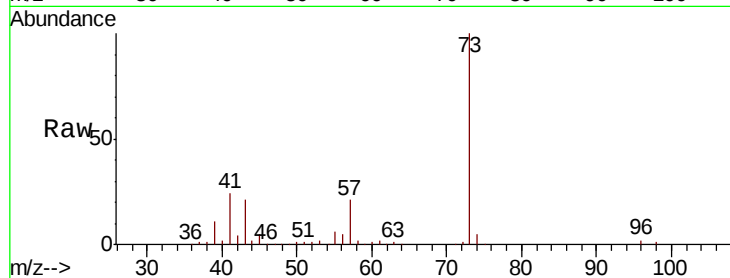
#19
Methyl tert-butyl Ether
Concen: 20.891 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 73 Resp: 70340
Ion Ratio Lower Upper
73 100
57 21.4 18.8 28.2

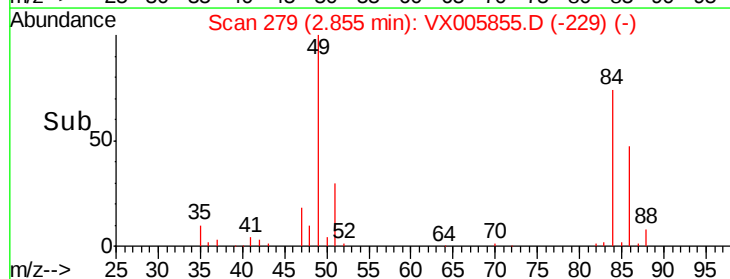
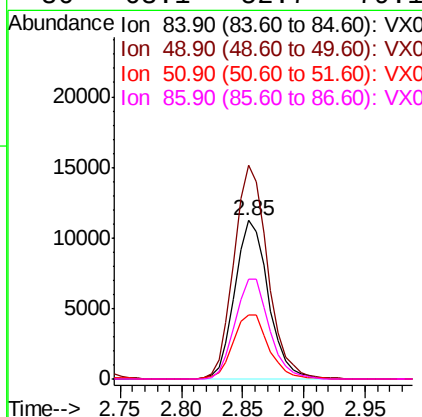
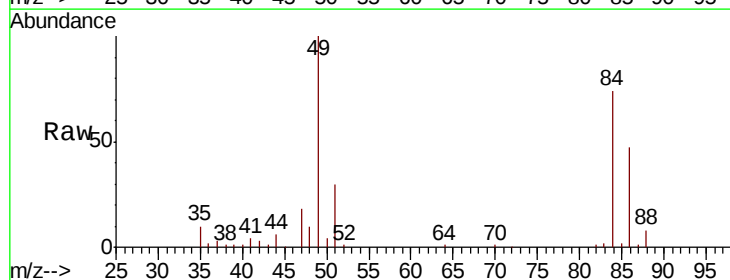
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11/12/2018 9:11:41 AM



#20
Methylene Chloride
Concen: 18.832 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 84 Resp: 21371
Ion Ratio Lower Upper
84 100
49 134.7 109.5 164.3
51 40.7 33.3 49.9
86 63.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.217 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 96 Resp: 19996

Ion Ratio Lower Upper

96 100

61 151.0 115.6 173.4

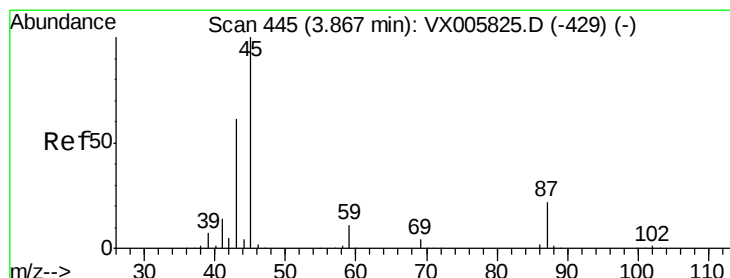
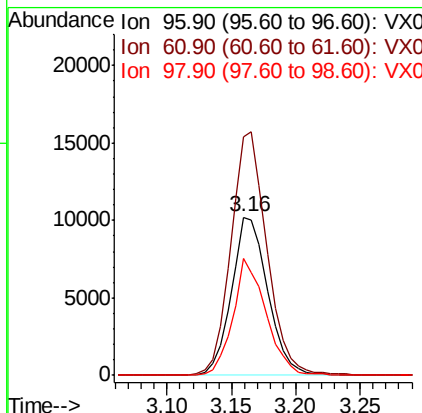
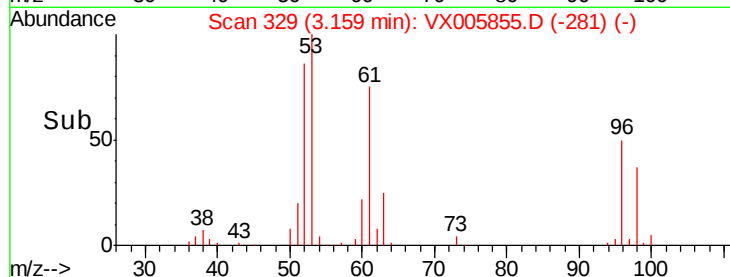
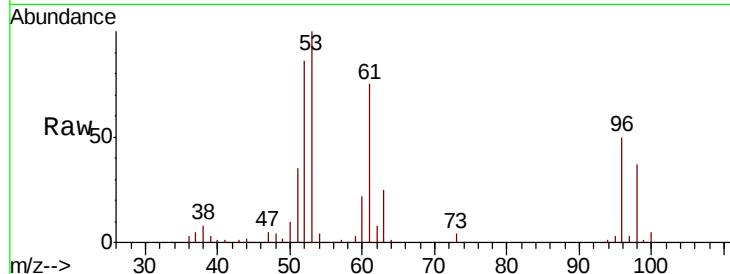
98 73.6 50.2 75.2

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#22

Diisopropyl ether

Concen: 20.752 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion: 45 Resp: 80096

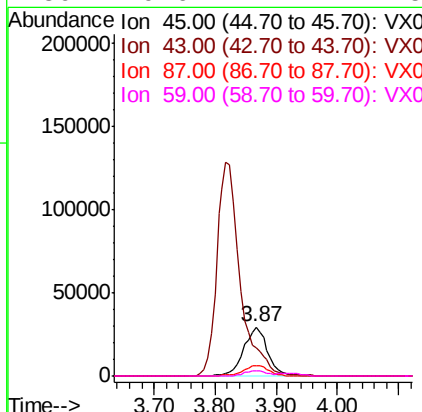
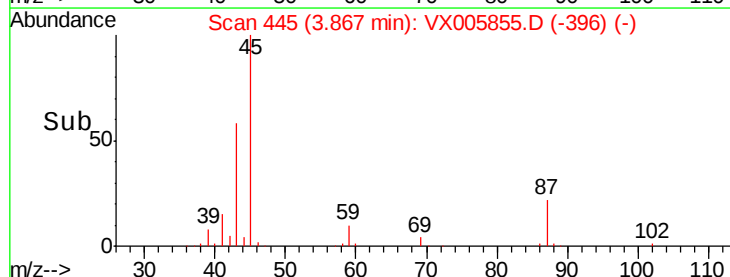
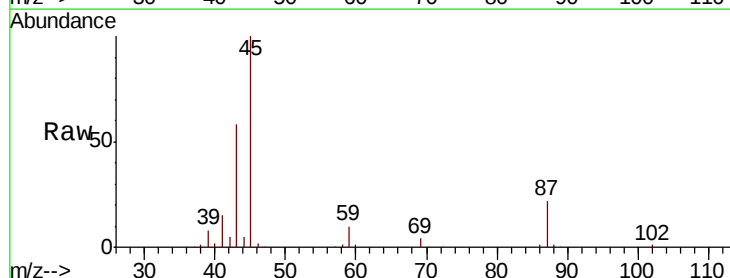
Ion Ratio Lower Upper

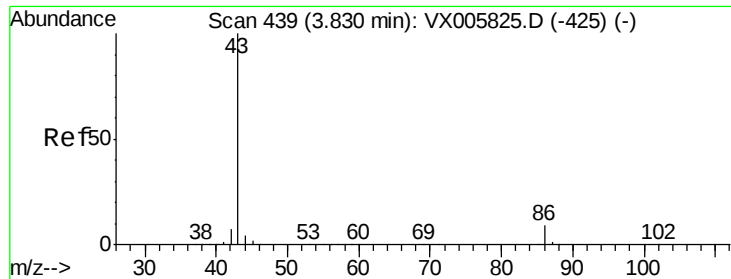
45 100

43 58.0 47.4 71.2

87 22.3 15.9 23.9

59 9.6 7.7 11.5





#23

Vinyl Acetate

Concen: 103.892 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 43 Resp: 343812

Ion Ratio Lower Upper

43 100

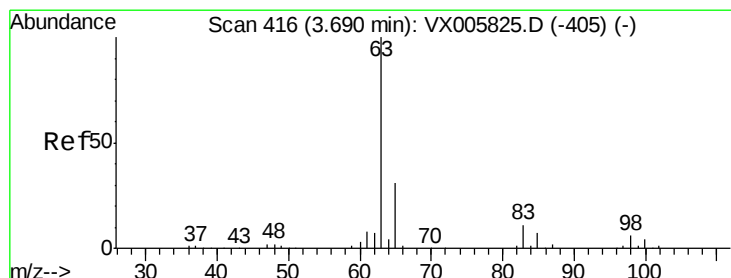
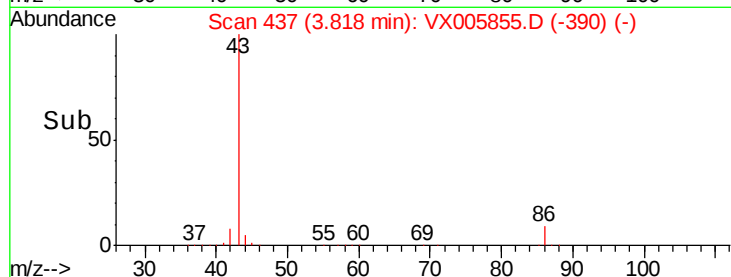
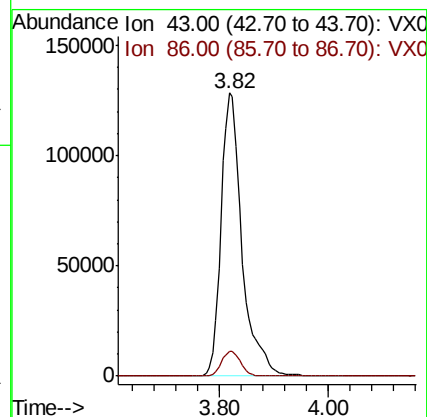
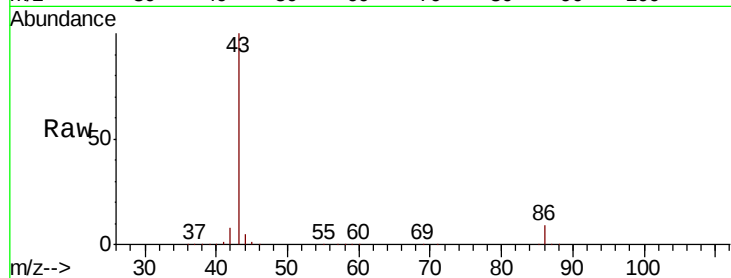
86 8.9 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 20.516 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

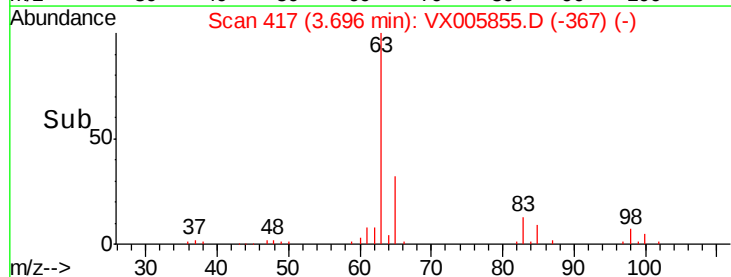
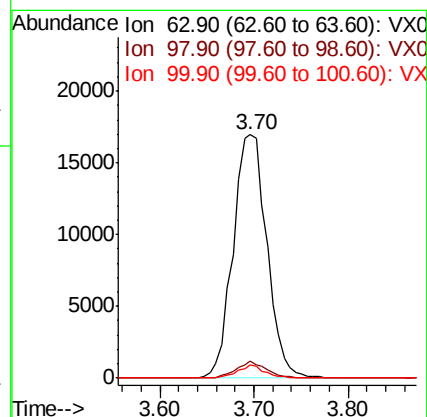
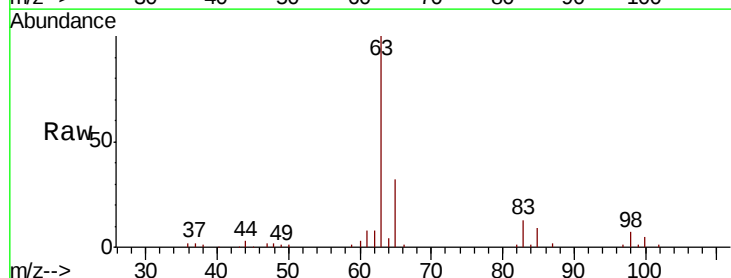
Tgt Ion: 63 Resp: 42247

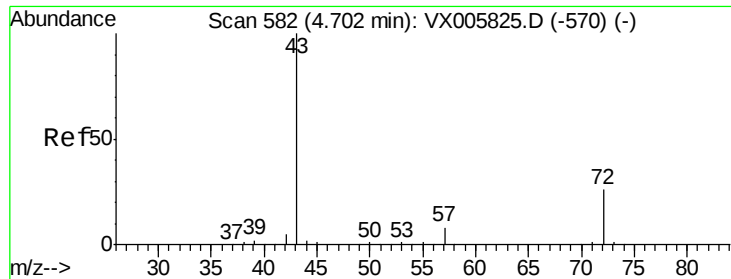
Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 5.3 2.1 6.2





#25

2-Butanone

Concen: 98.113 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 43 Resp: 106564

Ion Ratio Lower Upper

43 100

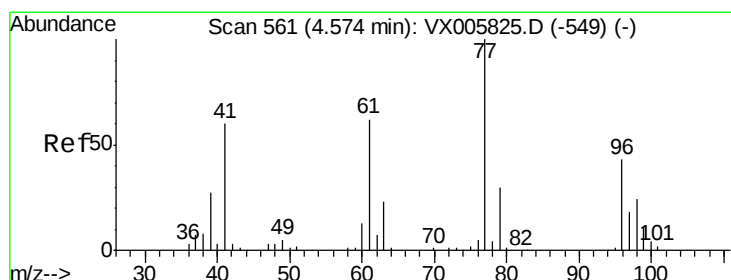
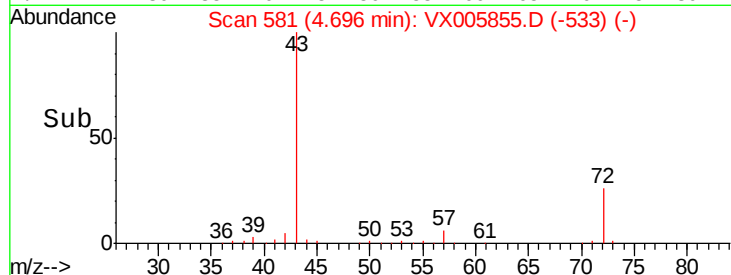
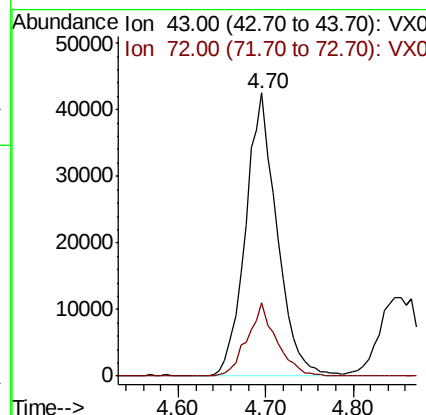
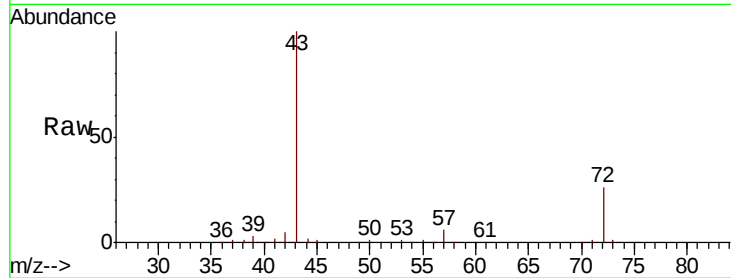
72 25.8 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.058 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005855.D

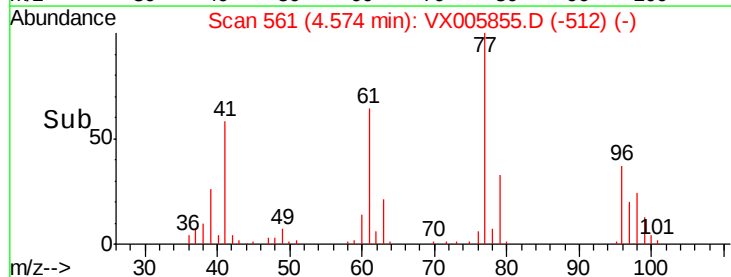
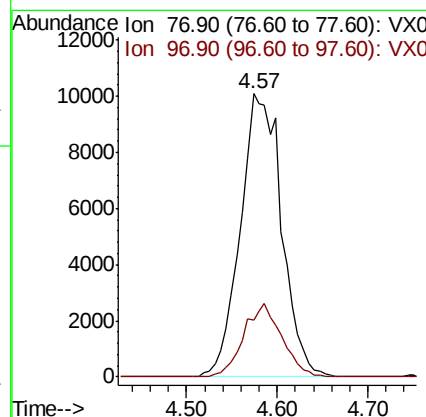
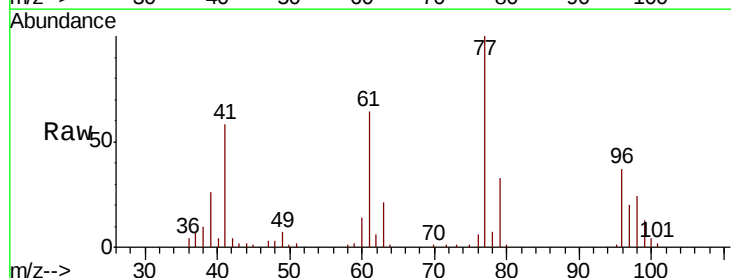
Acq: 09 Nov 2018 12:26

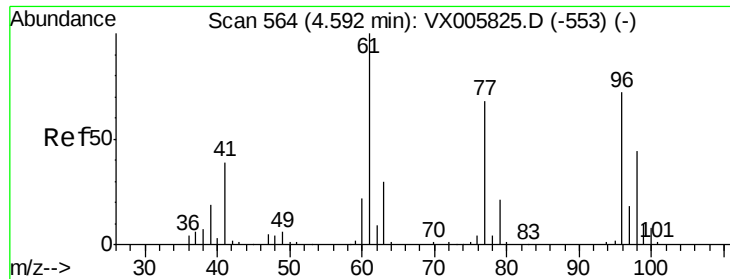
Tgt Ion: 77 Resp: 31808

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.5





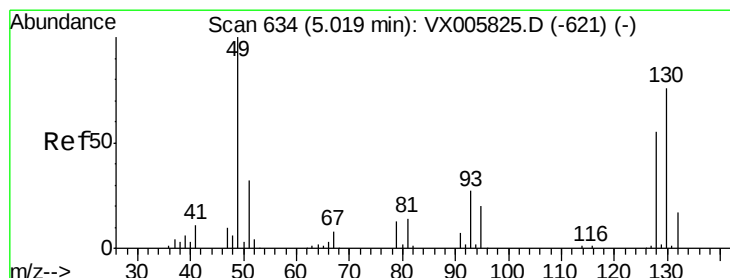
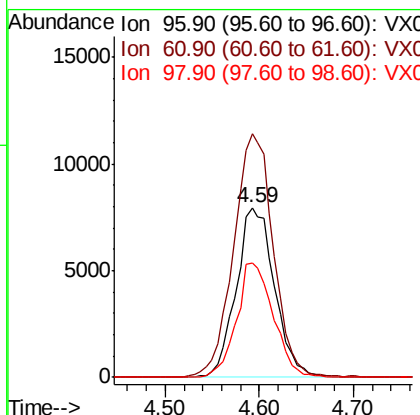
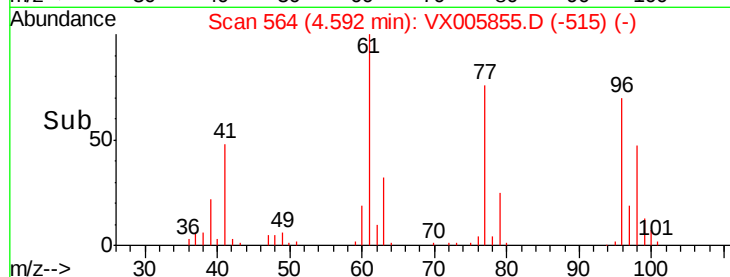
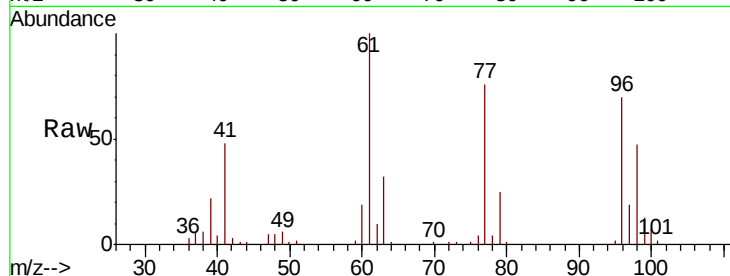
#27
 cis-1,2-Dichloroethene
 Concen: 19.599 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	22518		
61	148.9	0.0	304.6	
98	65.0	0.0	127.4	

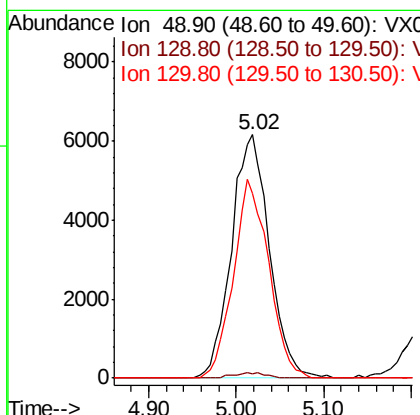
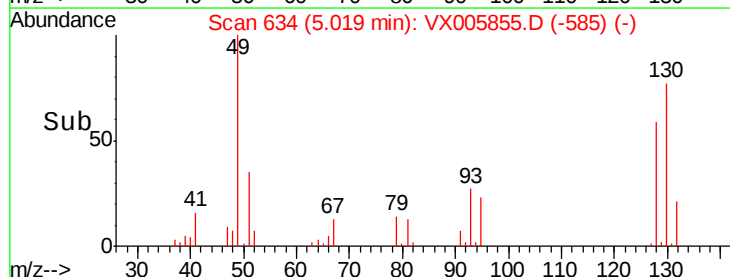
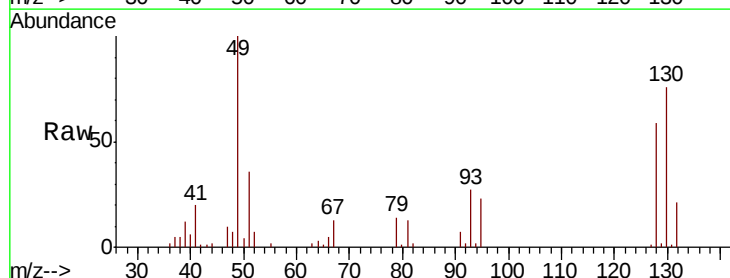
Manual Integrations
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#28
 Bromochloromethane
 Concen: 20.157 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	18550		
129	1.9	0.0	4.0	
130	76.1	58.9	88.3	





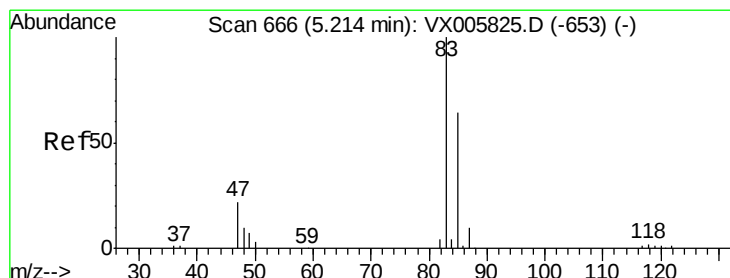
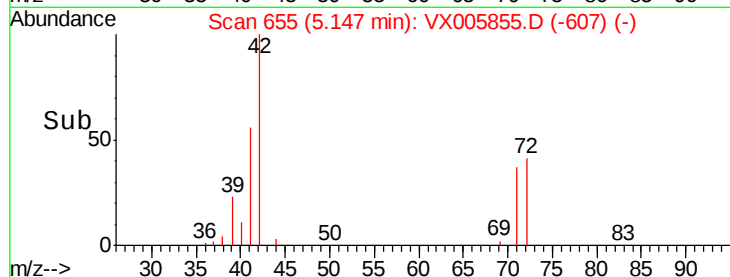
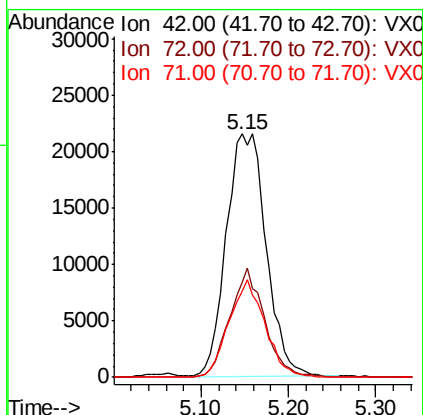
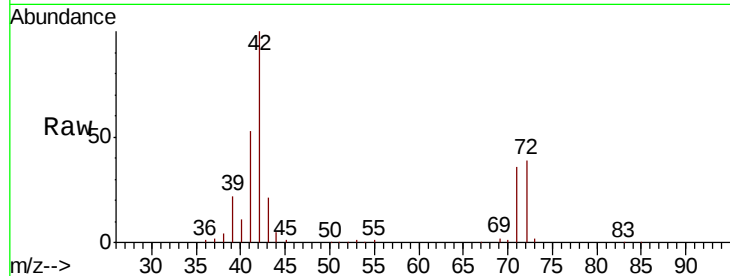
#29
Tetrahydrofuran
Concen: 97.724 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.0	48.0
71	36.3	29.8	44.8

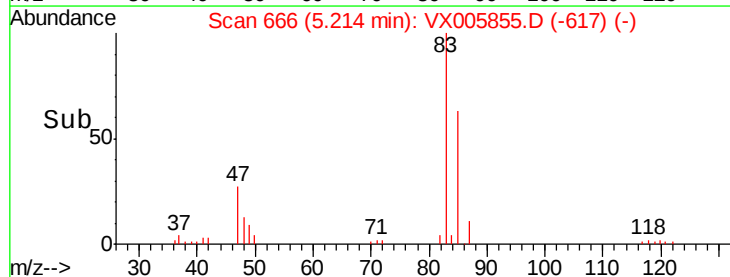
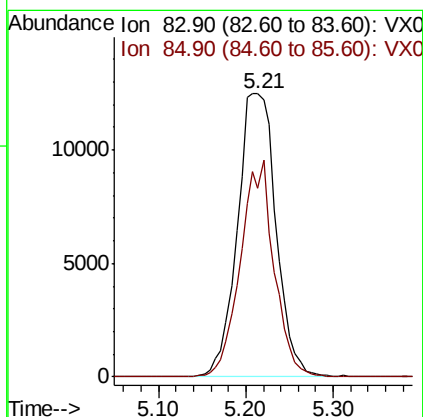
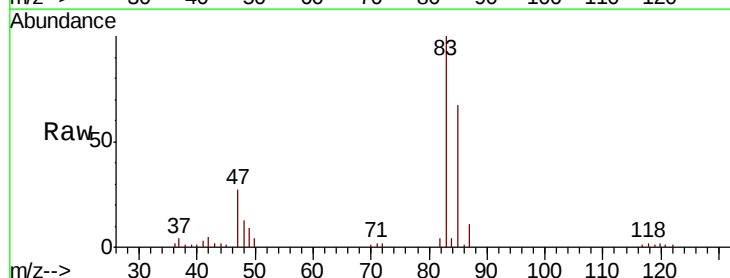
Manual Integrations
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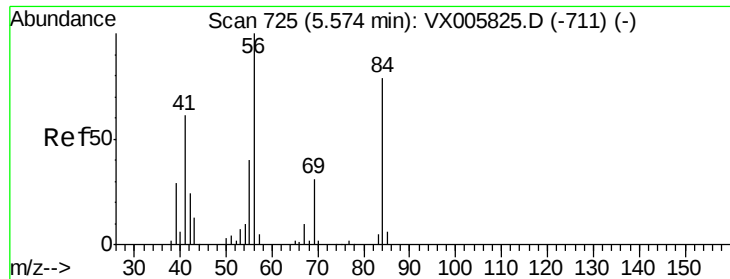
MMDadoda
11/12/2018 9:11:41 AM



#30
Chloroform
Concen: 19.305 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.6	76.0





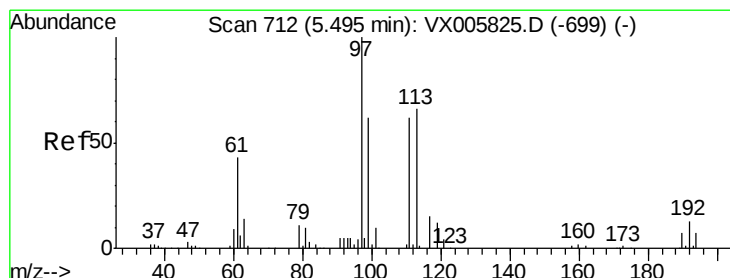
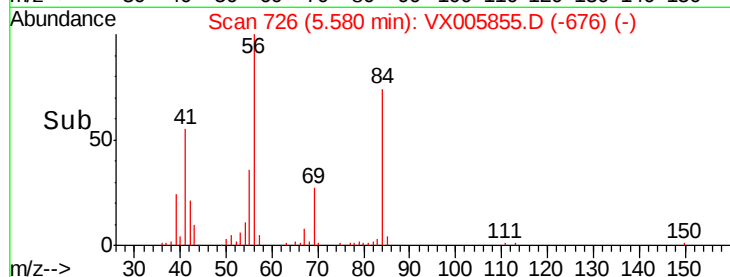
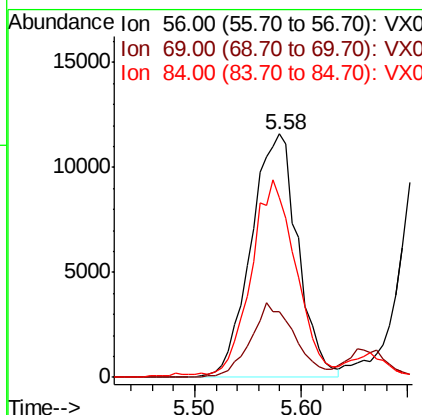
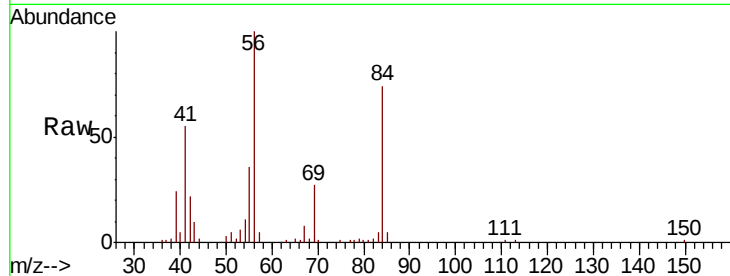
#31
Cyclohexane
Concen: 19.941 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.9	22.6	34.0
84	72.6	62.7	94.1

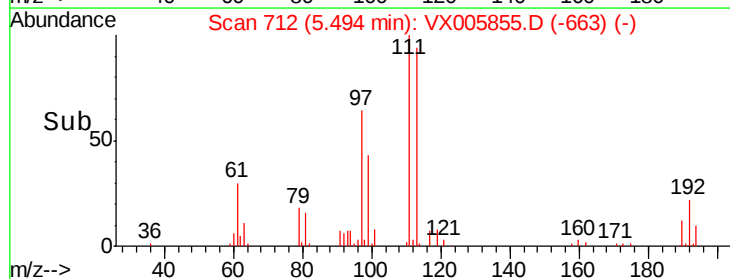
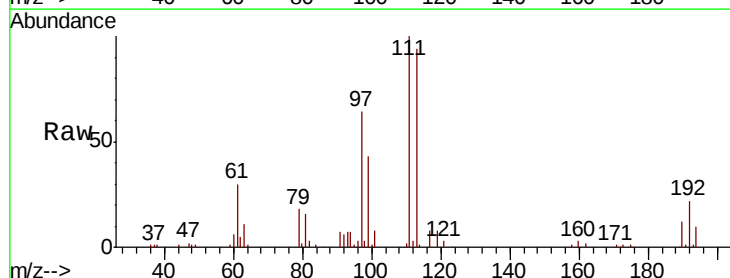
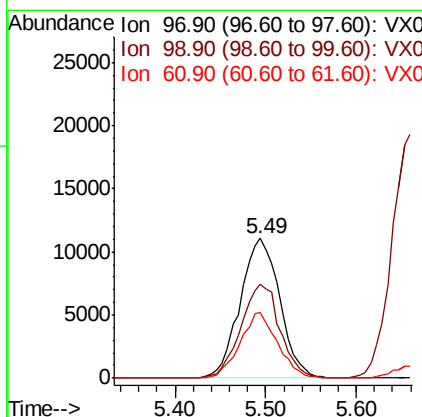
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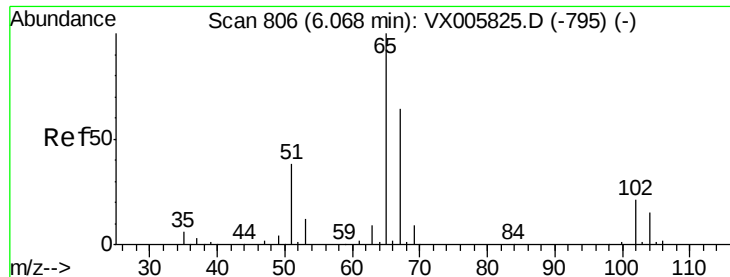
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11/12/2018 9:11:41 AM



#32
1,1,1-Trichloroethane
Concen: 20.172 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.3	78.5
61	44.6	35.2	52.8





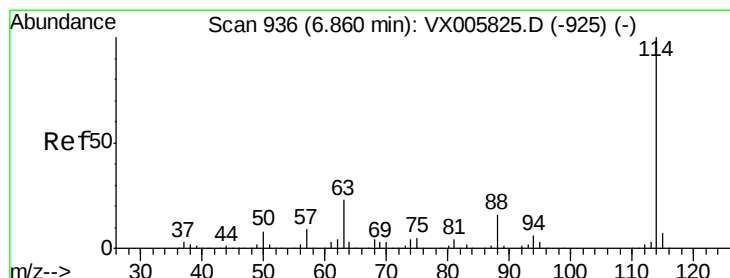
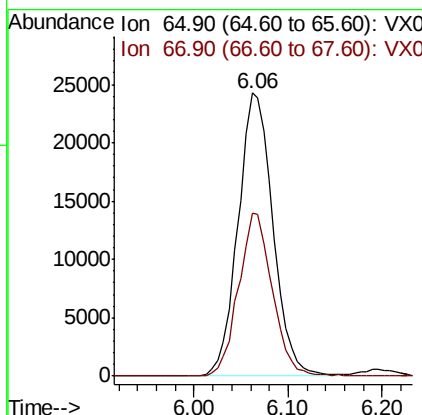
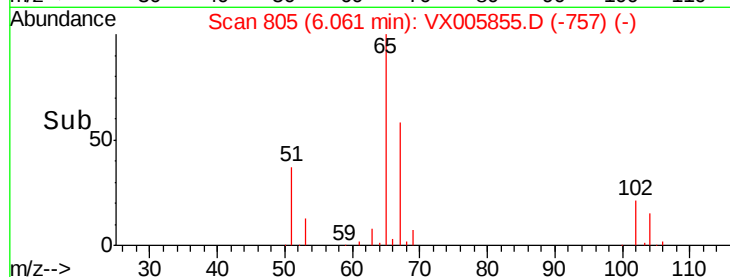
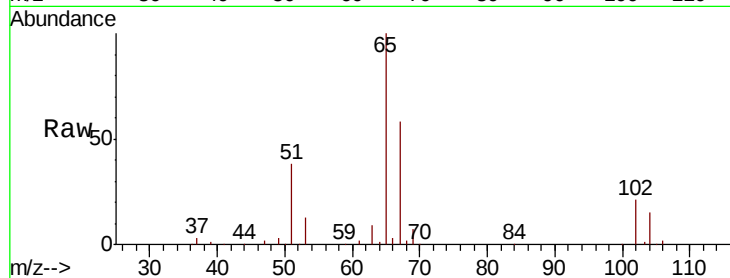
#33
 1,2-Dichloroethane-d4
 Concen: 49.073 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	105.0

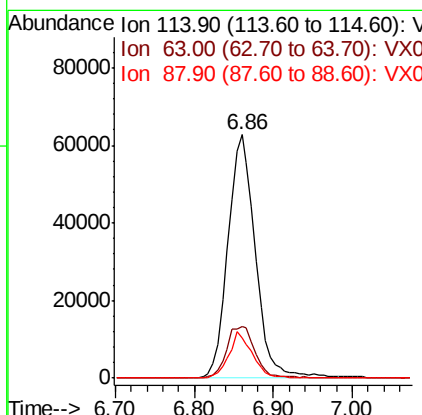
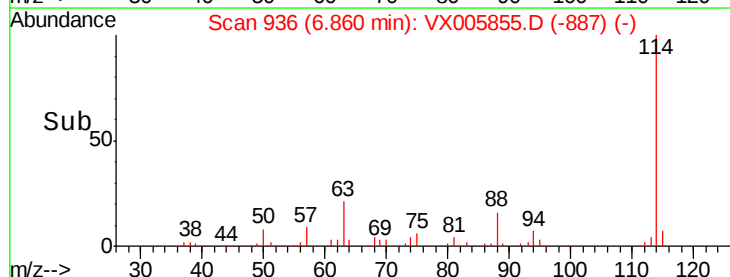
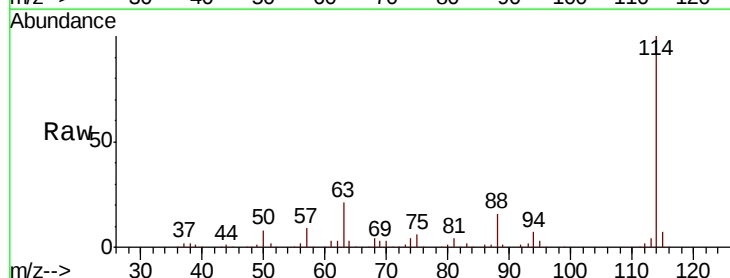
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.8
88	16.5	0.0	31.2





#35

Dibromofluoromethane

Concen: 47.519 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:113 Resp: 49192

Ion Ratio Lower Upper

113 100

111 105.7 82.3 123.5

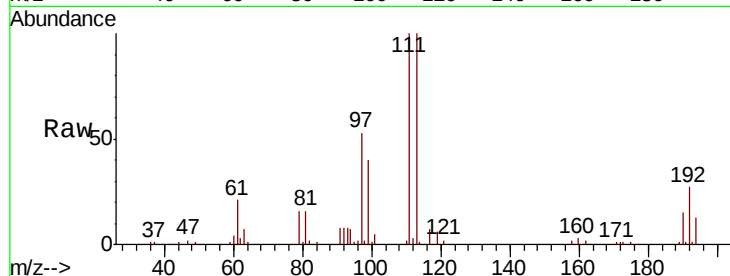
192 24.7 17.9 26.9

Manual Integrations

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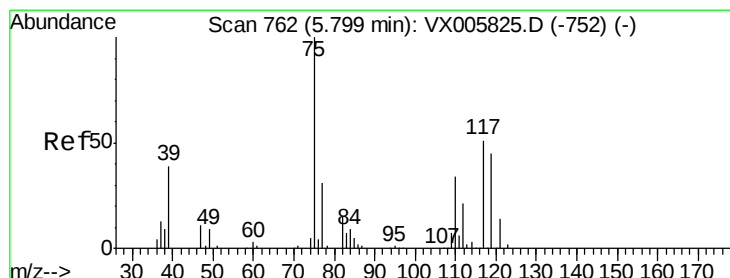
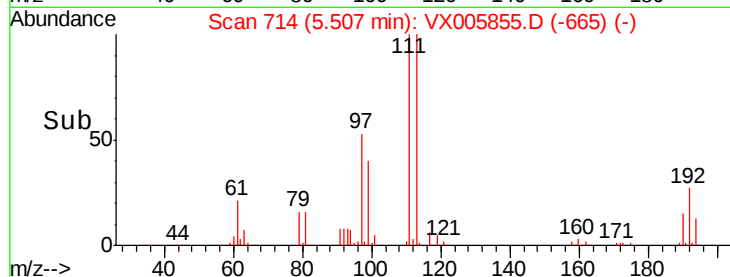
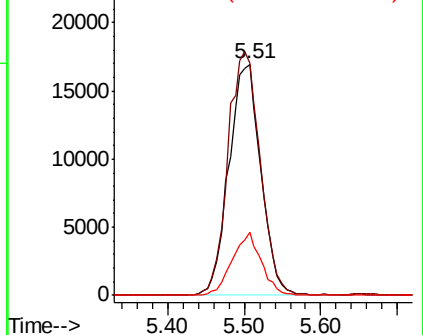
11/12/2018 9:11:41 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.333 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

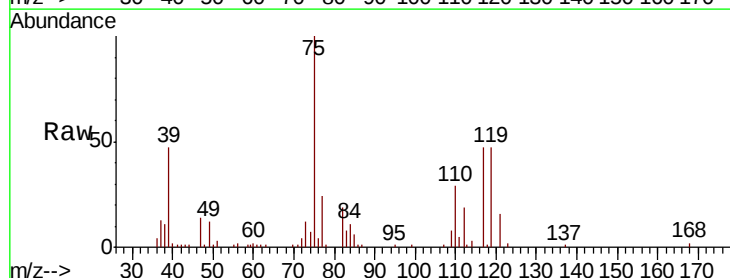
Tgt Ion: 75 Resp: 28367

Ion Ratio Lower Upper

75 100

110 36.0 17.4 52.2

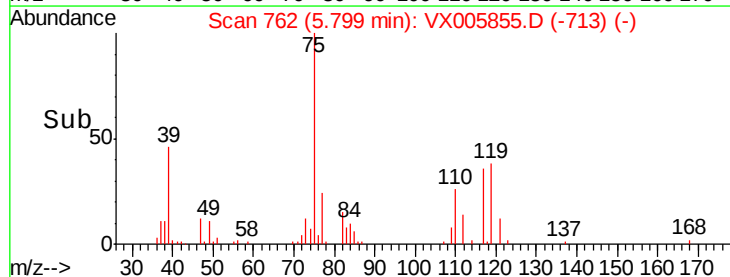
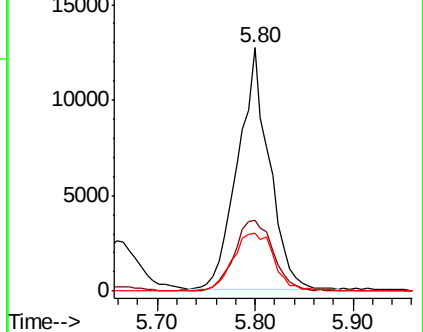
77 31.3 25.8 38.6

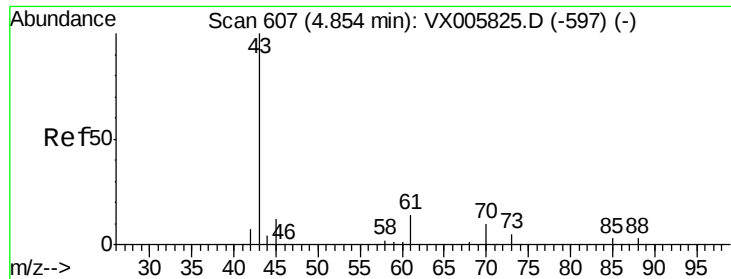


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





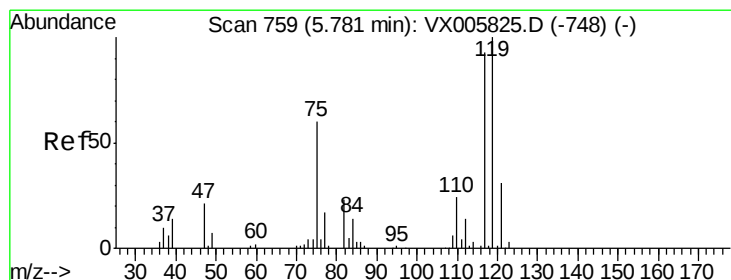
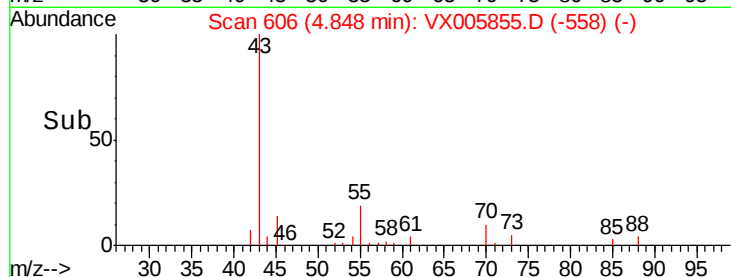
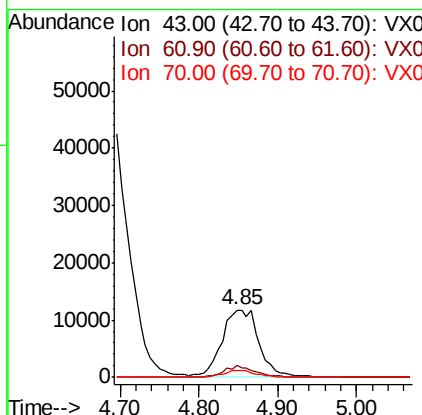
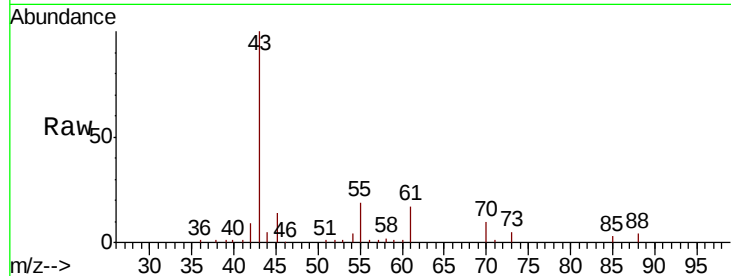
#37
Ethyl Acetate
Concen: 19.618 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.8	16.2
70	9.3	7.8	11.8

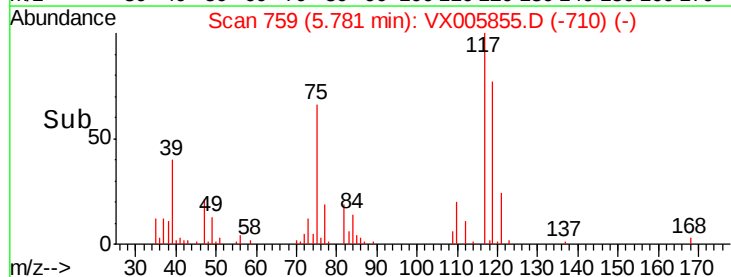
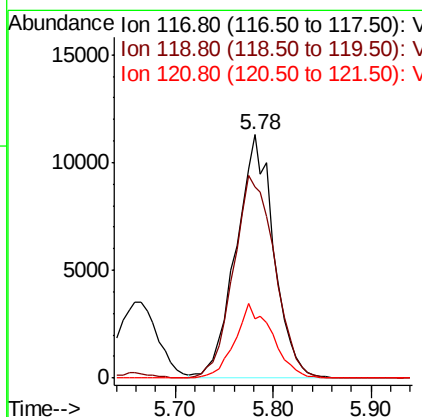
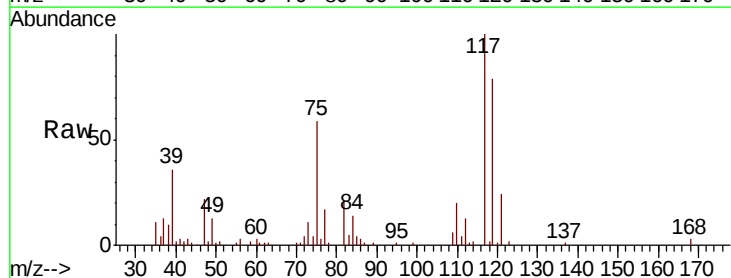
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 20.477 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	78.6	78.1	117.1
121	24.3	24.6	36.8#





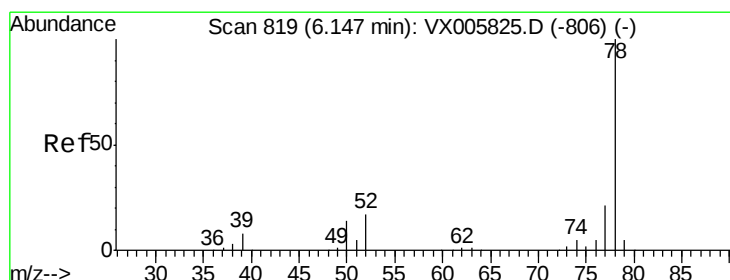
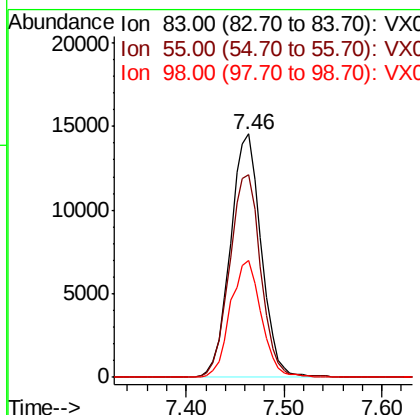
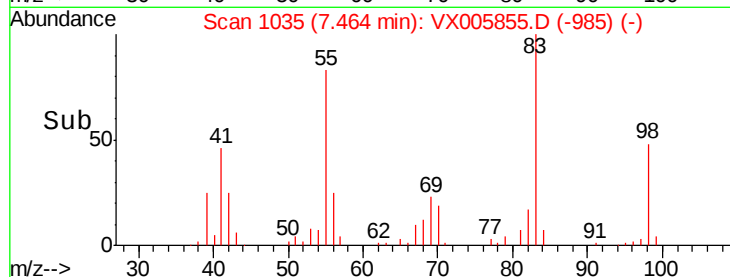
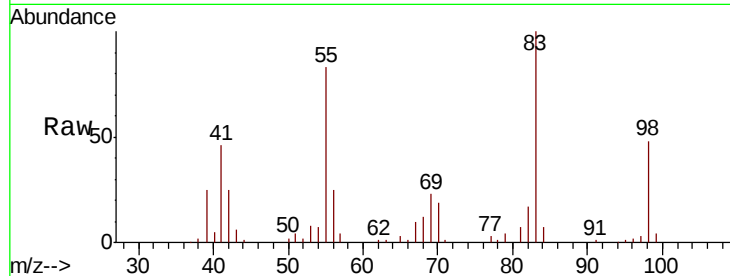
#39
Methvlcvclohexane
Concen: 21.405 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.0	63.7	95.5
98	48.1	36.2	54.2

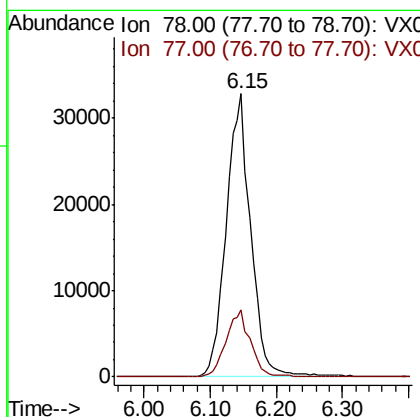
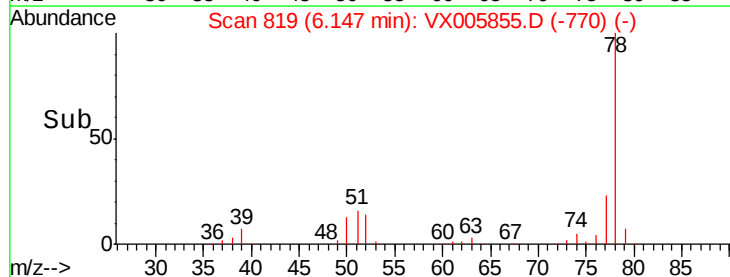
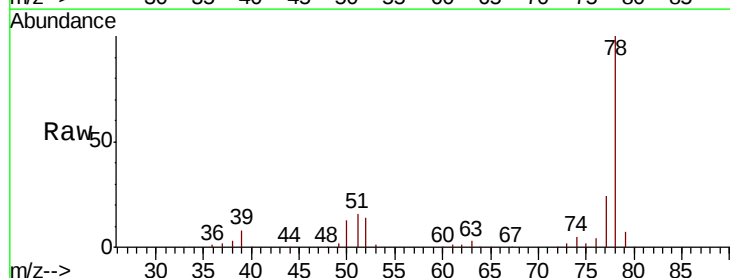
Manual Integrations
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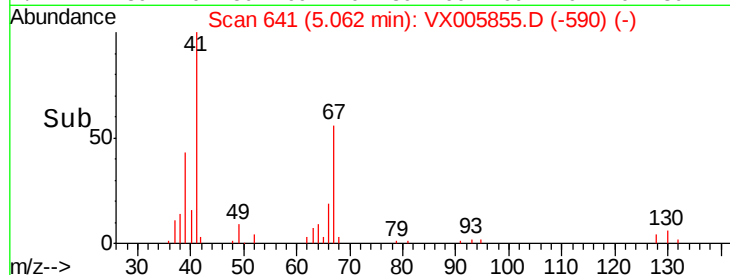
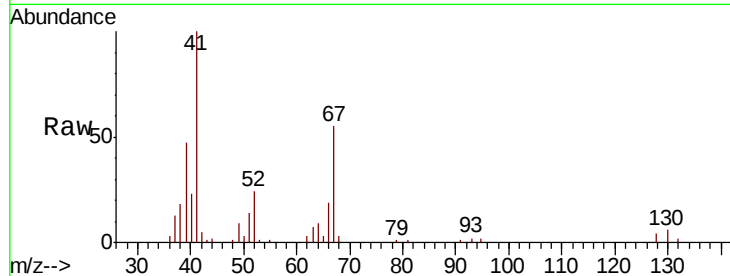
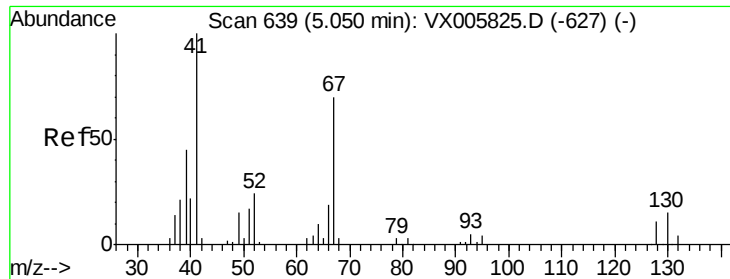
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#40
Benzene
Concen: 19.742 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.4	27.6





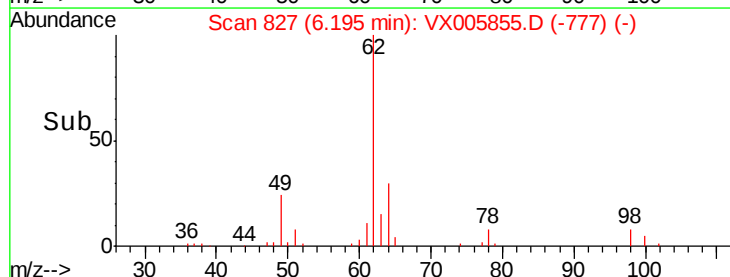
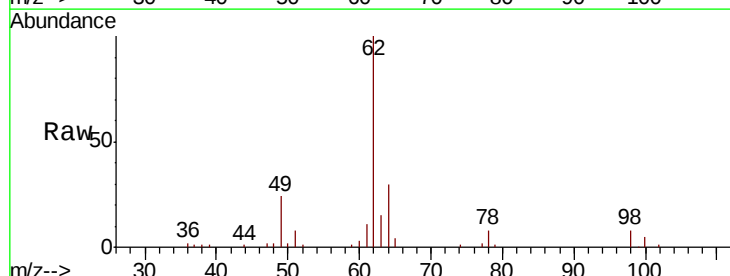
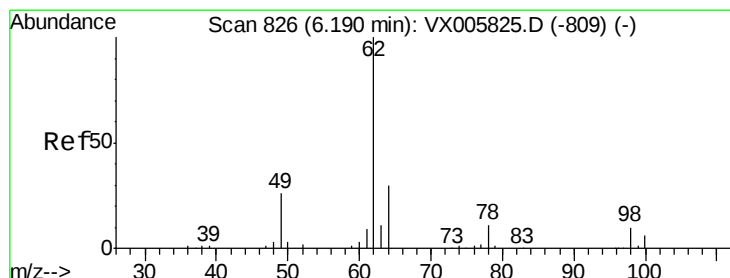
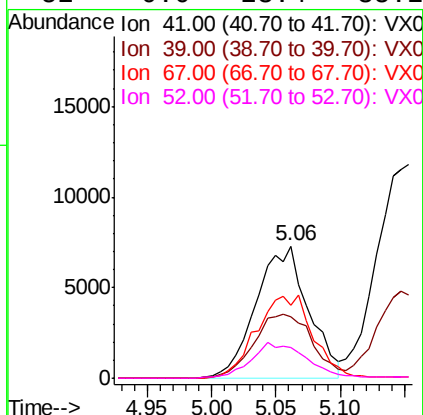
#41
Methacrylonitrile
Concen: 19.731 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.2	63.2
67	68.7	53.4	80.0
52	0.0	23.4	35.2

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

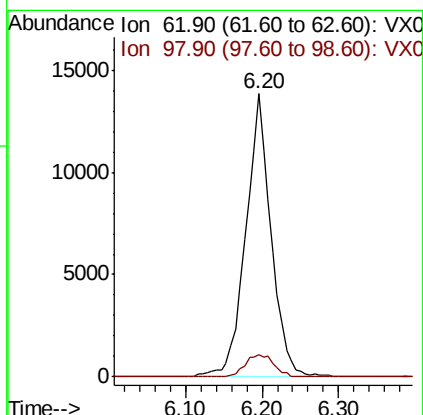
Manual Integrations
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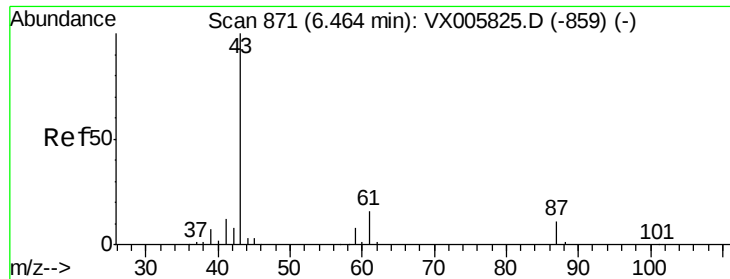
MMDadoda
11/12/2018 9:11:41 AM



#42
1,2-Dichloroethane
Concen: 20.696 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

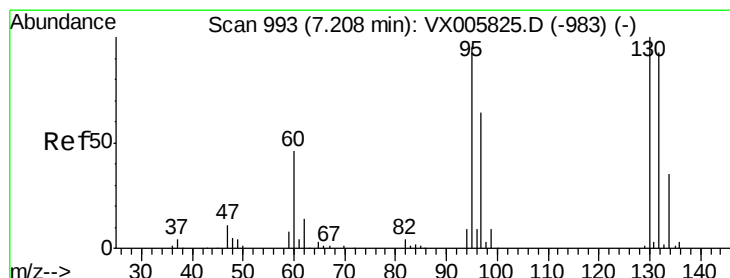
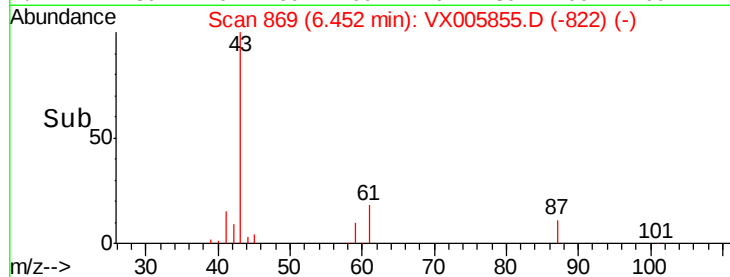
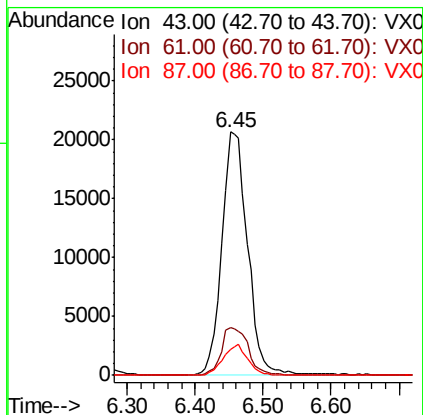
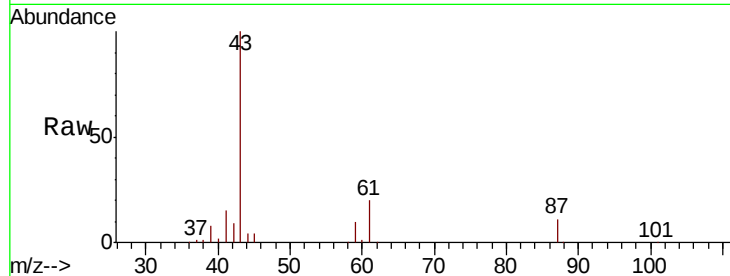
Isopropyl Acetate
 Concen: 19.500 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.6	22.0
87	11.7	9.6	14.4

Manual Integrations
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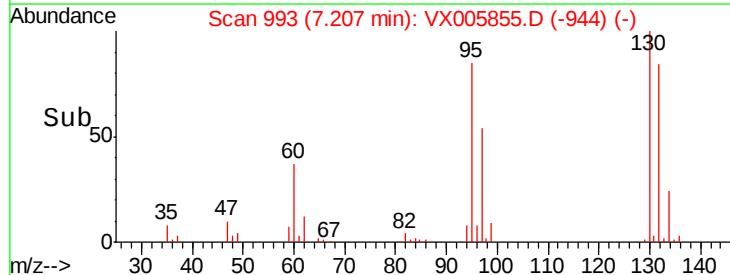
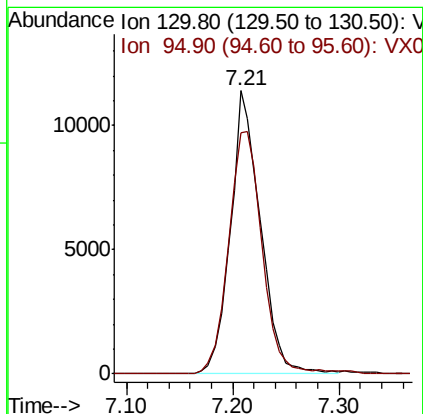
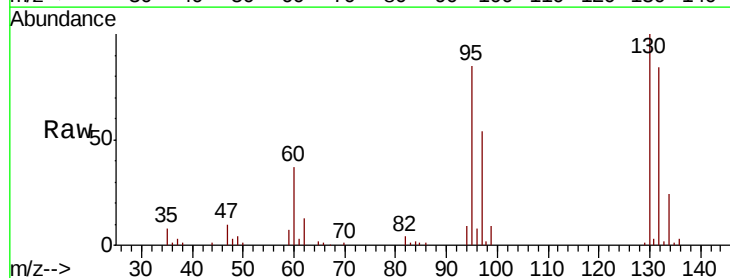
MMDadoda
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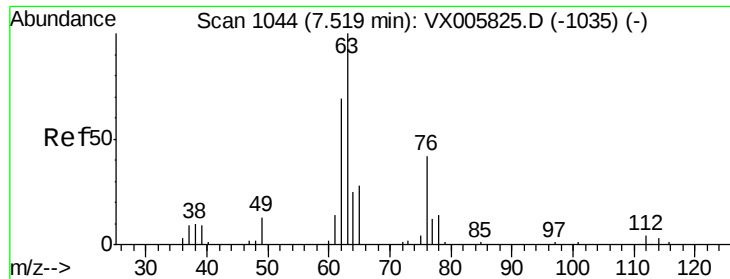


#44

Trichloroethene
 Concen: 20.746 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	194.2





#45

1,2-Dichloropropane

Concen: 21.498 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 63 Resp: 22319

Ion Ratio Lower Upper

63 100

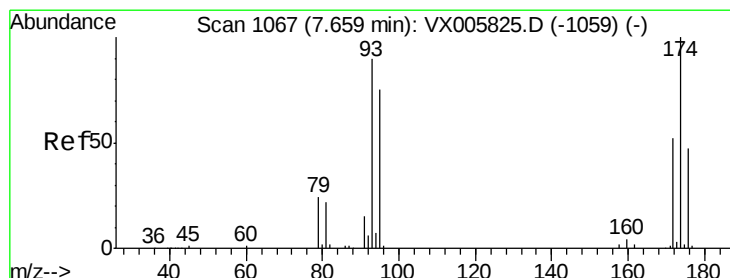
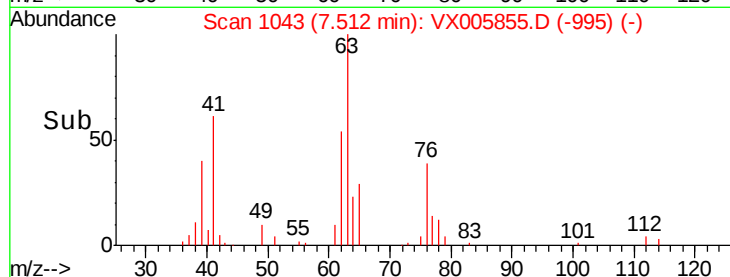
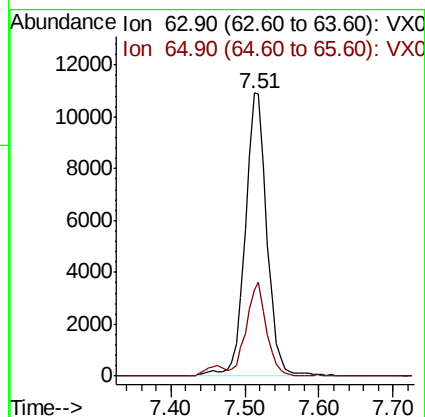
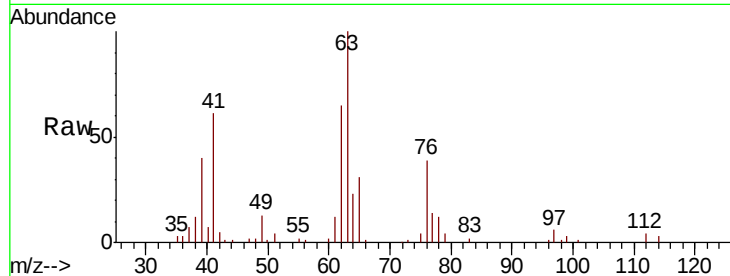
65 30.5 24.8 37.2

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#46

Dibromomethane

Concen: 21.655 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

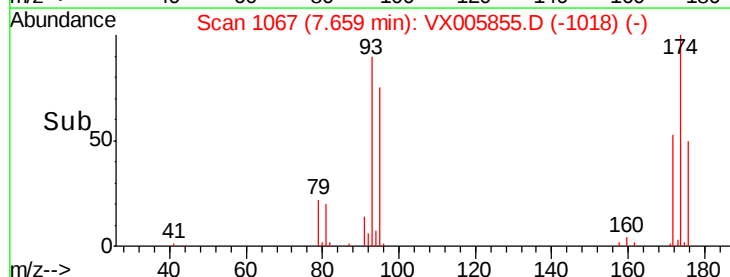
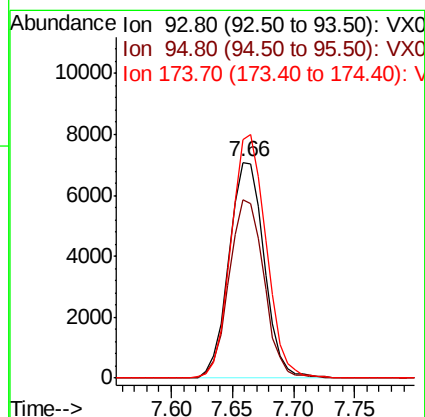
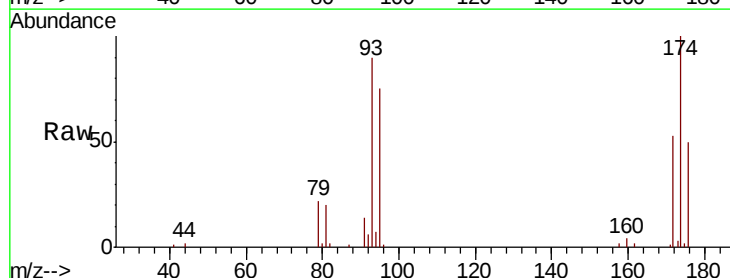
Tgt Ion: 93 Resp: 14108

Ion Ratio Lower Upper

93 100

95 82.0 67.4 101.0

174 112.7 91.5 137.3





#47

Bromodichloromethane

Concen: 22.038 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

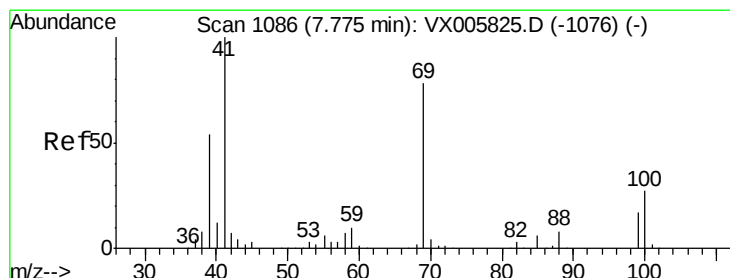
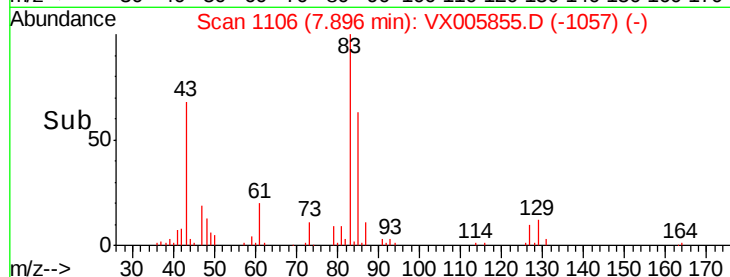
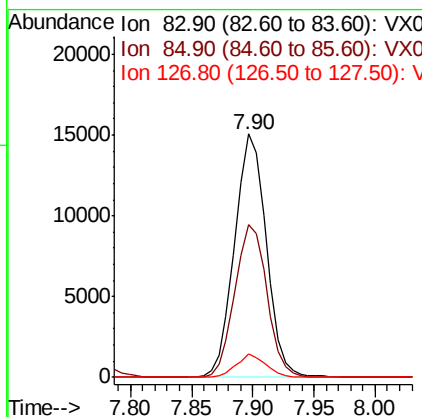
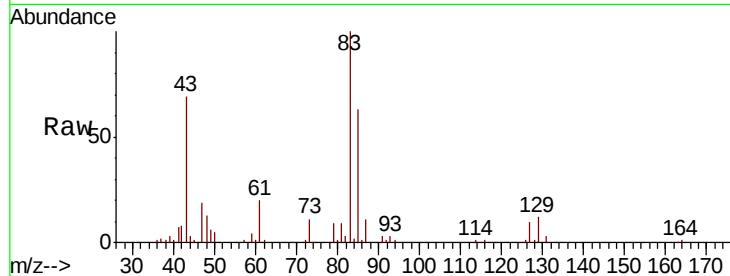
ClientSampleId :

VX1109WBS01

Tot Ion:	83	Resp:	27134
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.2	75.4
127	9.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 21.586 ug/l

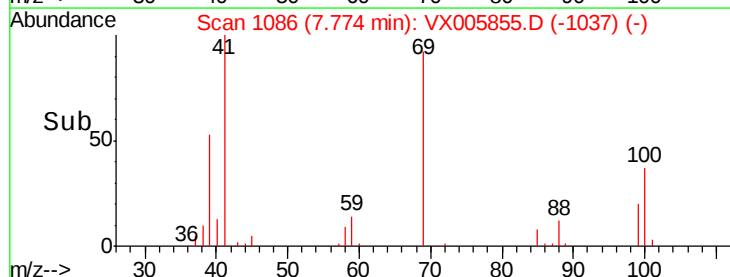
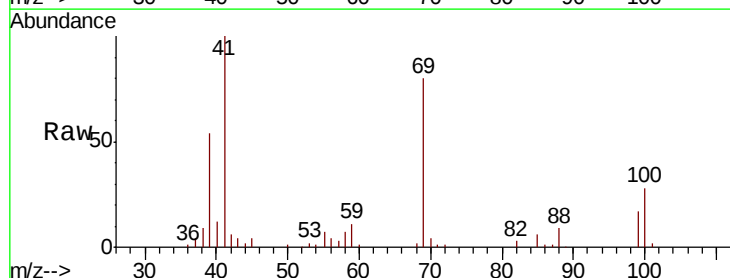
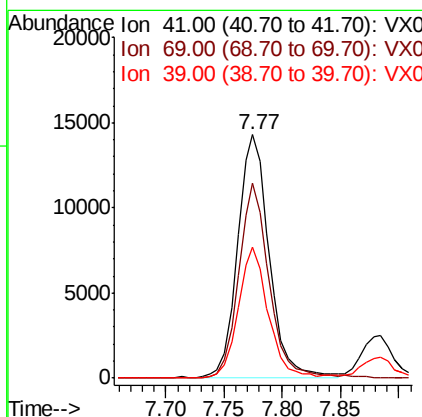
RT: 7.77 min Scan# 1086

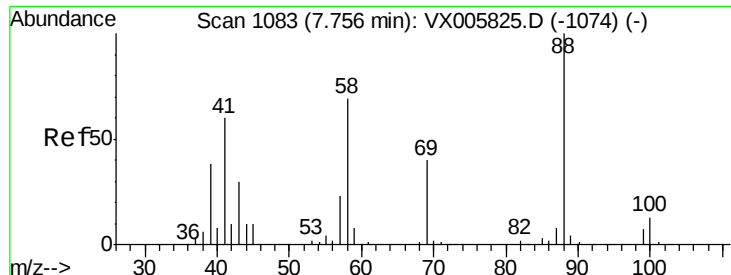
Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion:	41	Resp:	27099
Ion	Ratio	Lower	Upper
41	100		
69	77.0	63.2	94.8
39	51.1	42.2	63.2





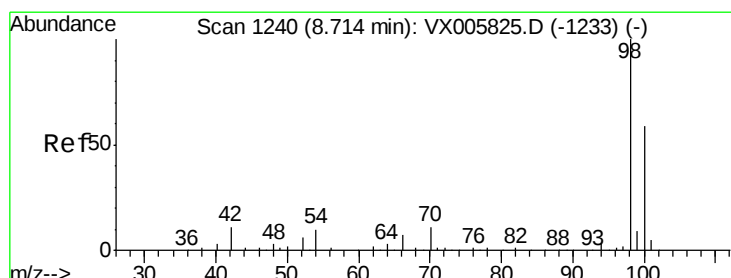
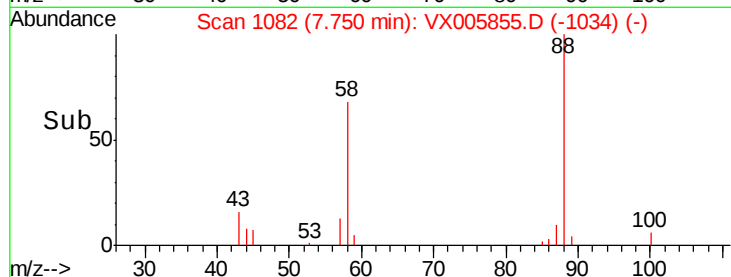
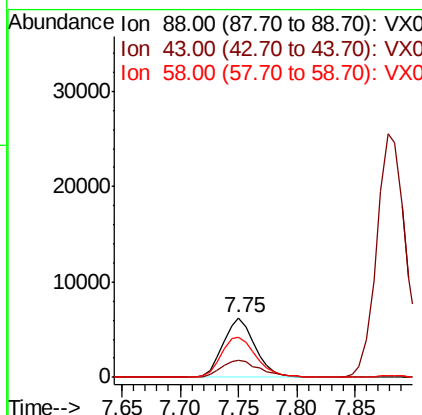
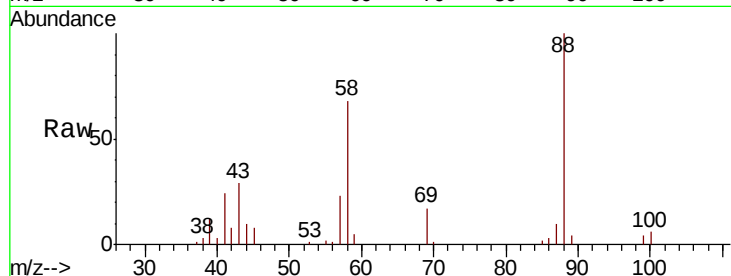
#49
1,4-Dioxane
Concen: 434.981 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	74.7	59.4	89.2

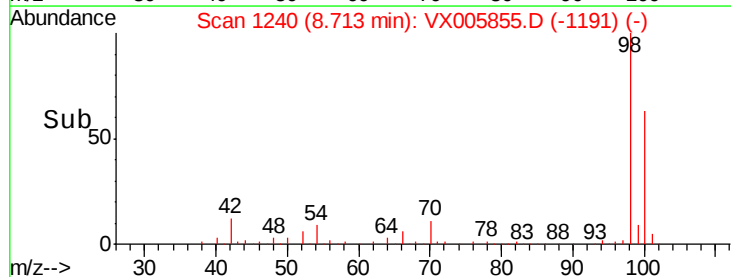
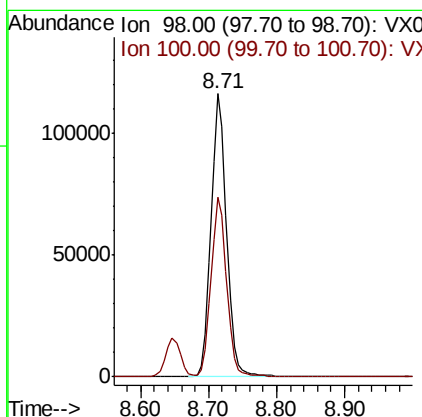
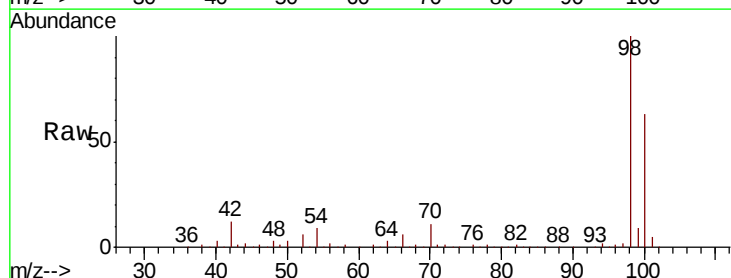
Manual Integrations
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#50
Toluene-d8
Concen: 53.595 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 104.995 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 43 Resp: 185006

Ion Ratio Lower Upper

43 100

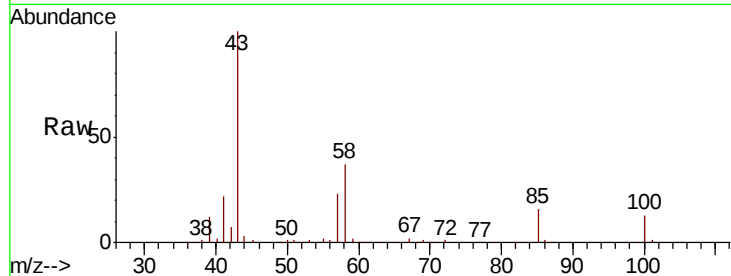
58 37.0 29.7 44.5

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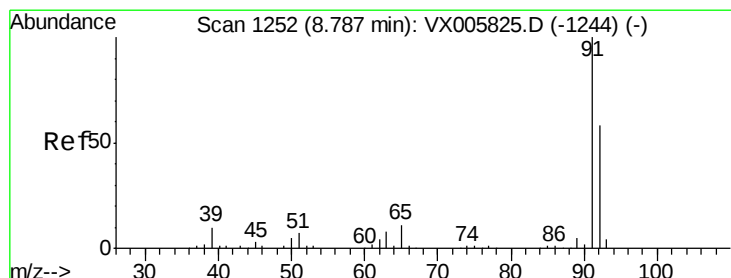
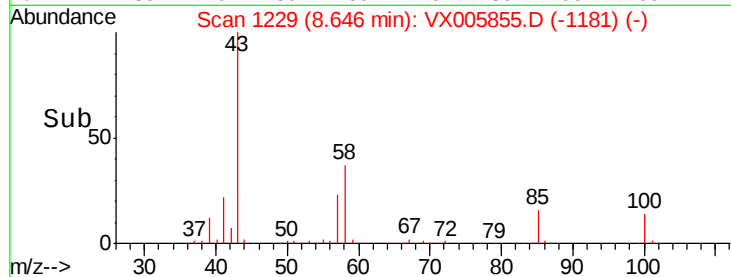
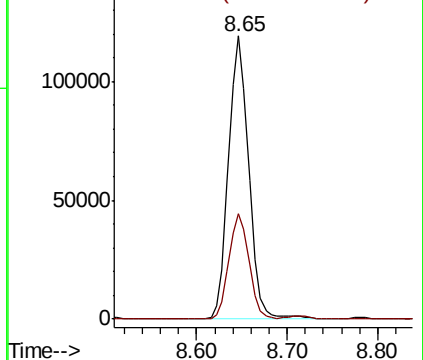
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.941 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005855.D

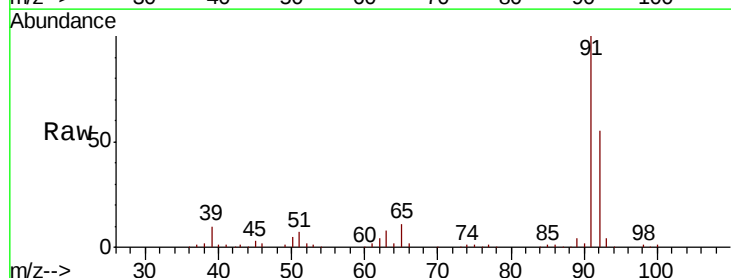
Acq: 09 Nov 2018 12:26

Tgt Ion: 92 Resp: 50062

Ion Ratio Lower Upper

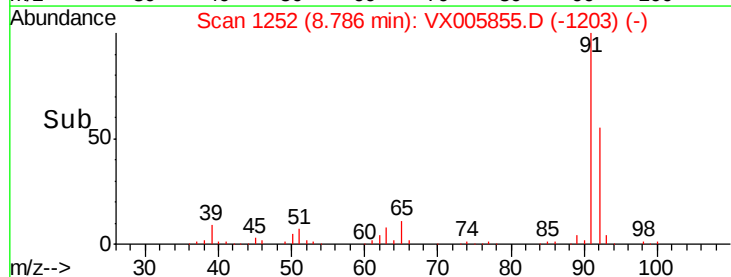
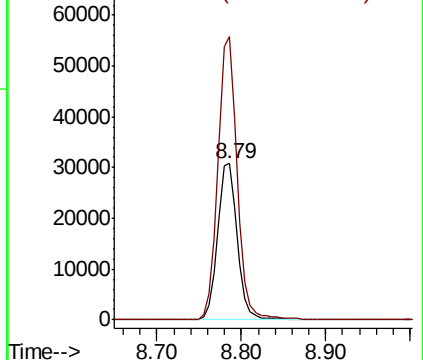
92 100

91 178.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





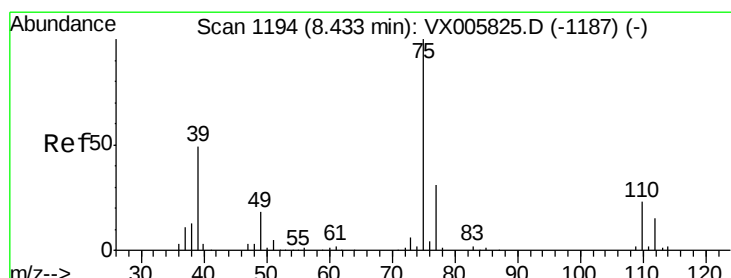
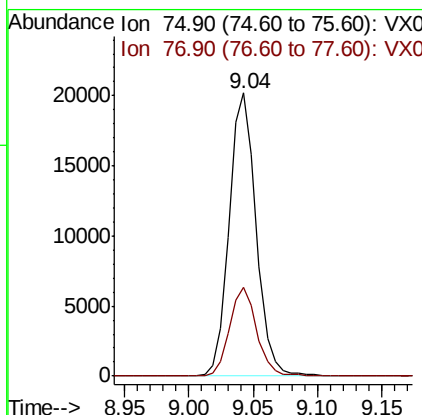
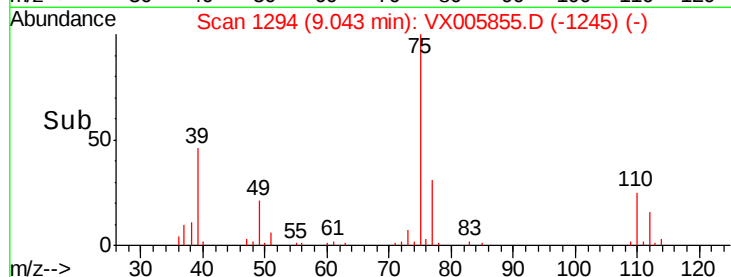
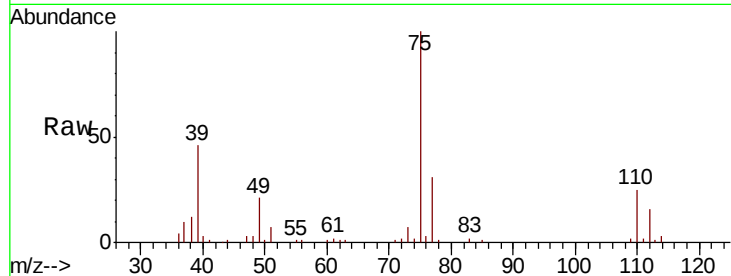
#53
t-1,3-Dichloropropene
Concen: 20.382 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 75 Resp: 29614
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

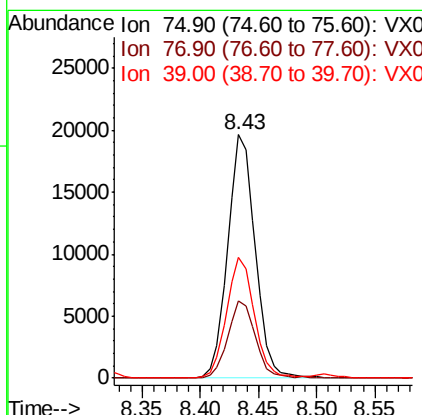
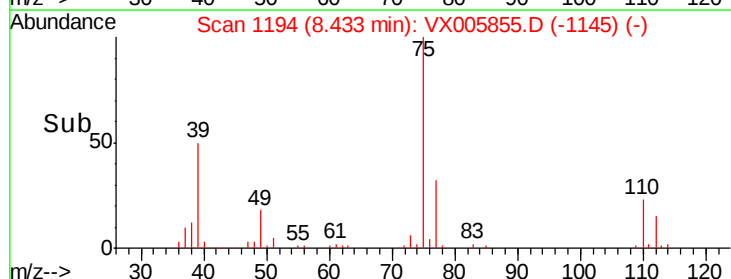
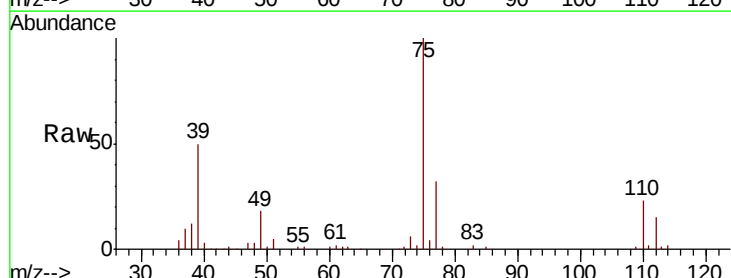
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#54
cis-1,3-Dichloropropene
Concen: 21.723 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 75 Resp: 32170
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 49.7 38.2 57.2





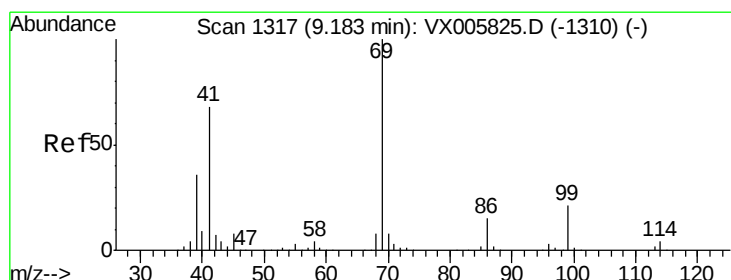
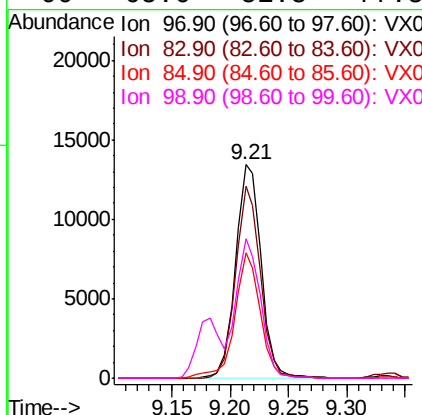
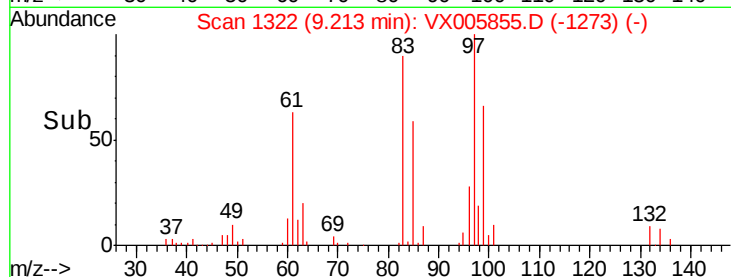
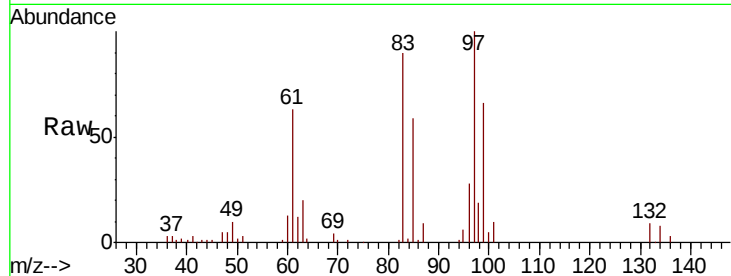
#55
 1,1,2-Trichloroethane
 Concen: 19.391 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		20660		
83	90.1		70.7	106.1	
85	58.8		45.8	68.6	
99	65.6		51.8	77.8	

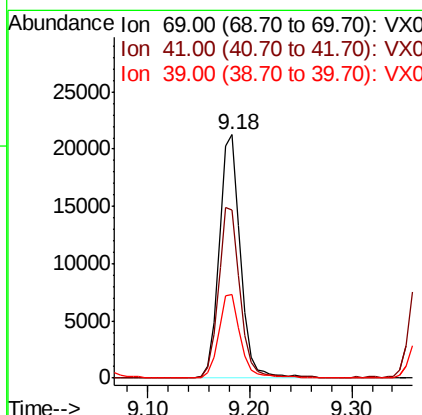
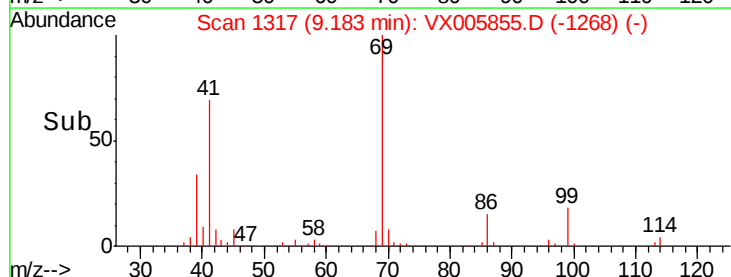
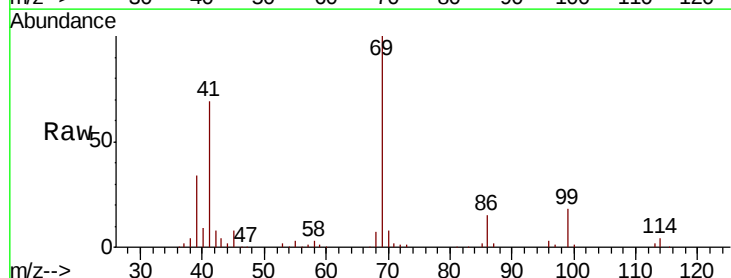
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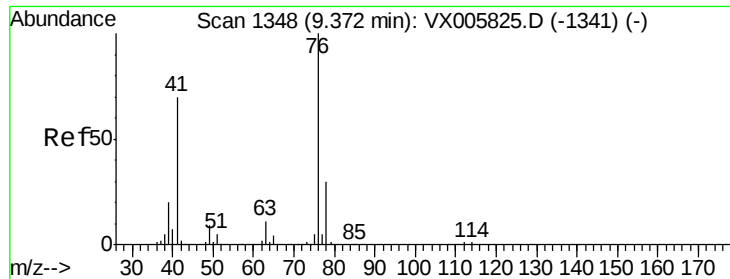
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 11/12/2018 9:11:41 AM



#56
 Ethyl methacrylate
 Concen: 19.437 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		30985		
41	71.3		57.0	85.6	
39	35.4		28.3	42.5	





#57

1,3-Dichloropropane

Concen: 19.674 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 76 Resp: 35226

Ion Ratio Lower Upper

76 100

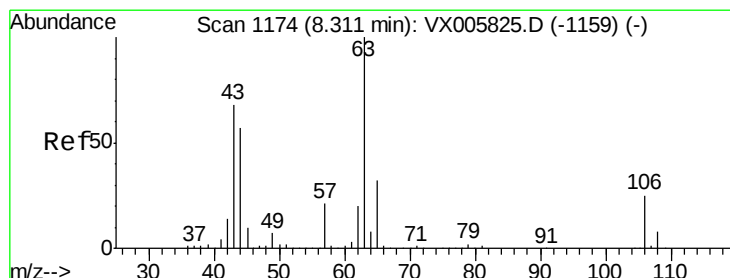
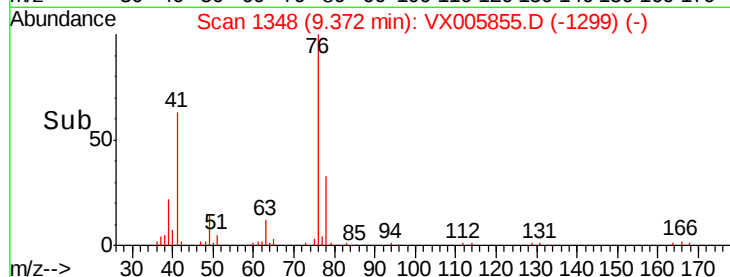
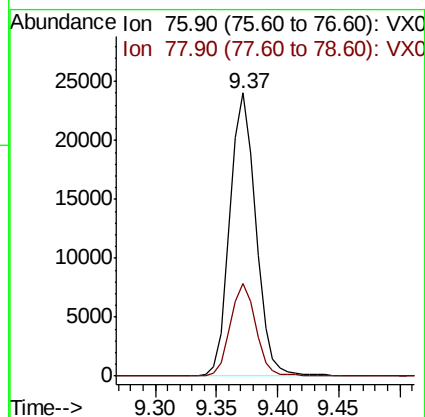
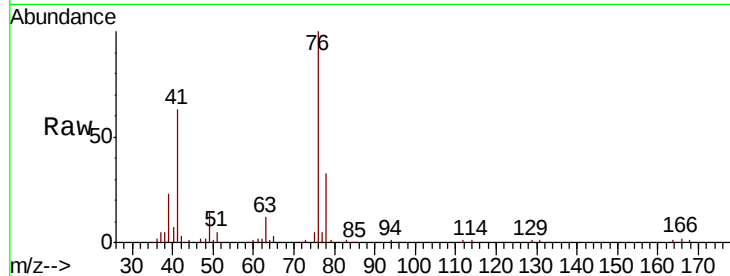
78 32.0 25.3 37.9

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#58

2-Chloroethyl Vinyl ether

Concen: 108.993 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX005855.D

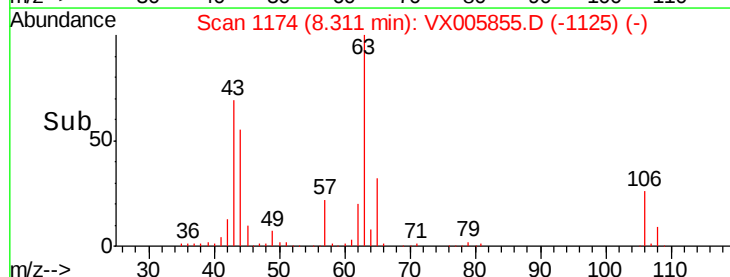
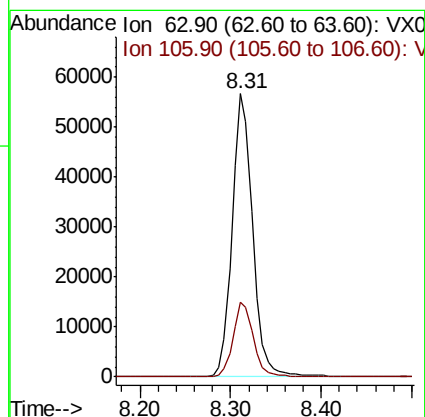
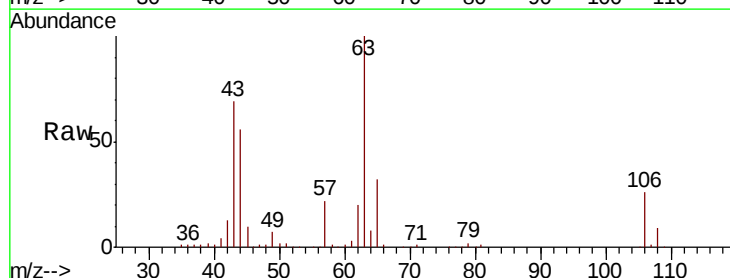
Acq: 09 Nov 2018 12:26

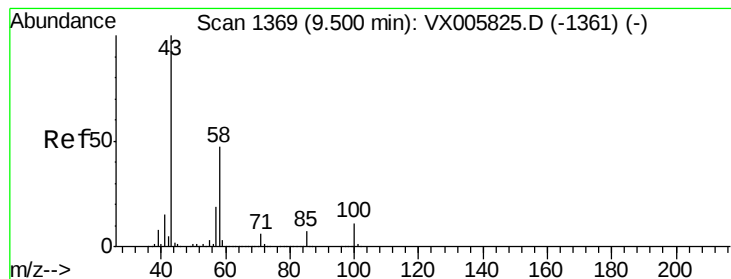
Tgt Ion: 63 Resp: 90483

Ion Ratio Lower Upper

63 100

106 26.2 21.3 31.9





#59

2-Hexanone

Concen: 94.677 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion: 43 Resp: 147049

Ion Ratio Lower Upper

43 100

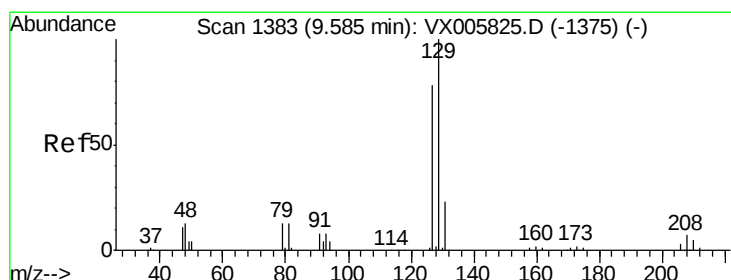
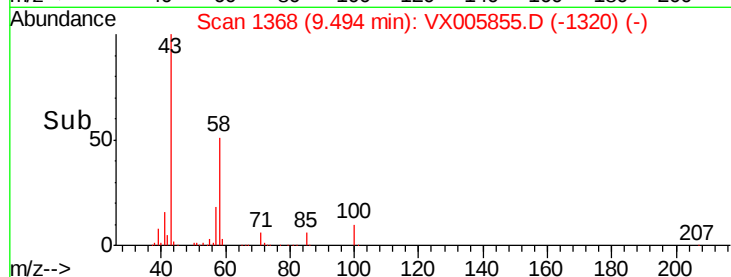
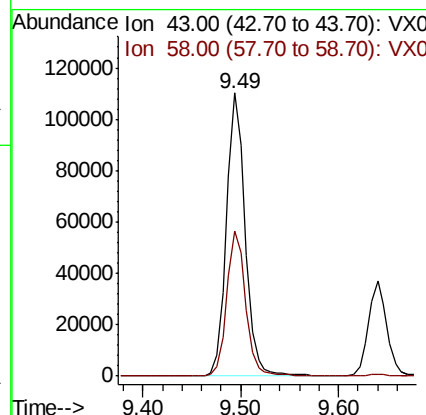
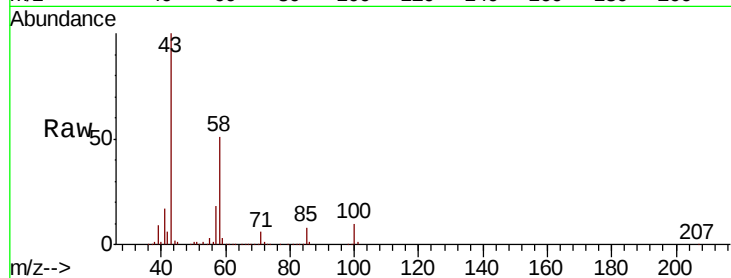
58 51.4 25.9 77.8

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#60

Dibromochloromethane

Concen: 18.741 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX005855.D

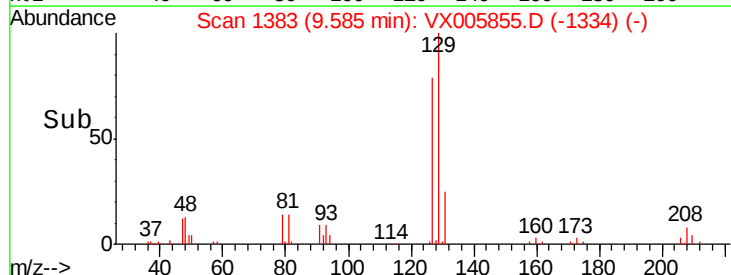
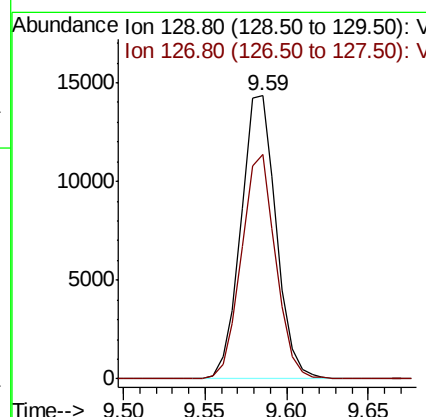
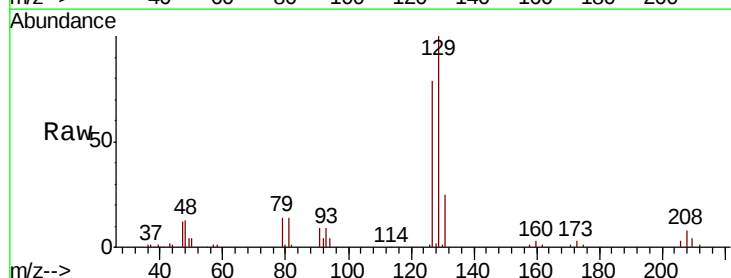
Acq: 09 Nov 2018 12:26

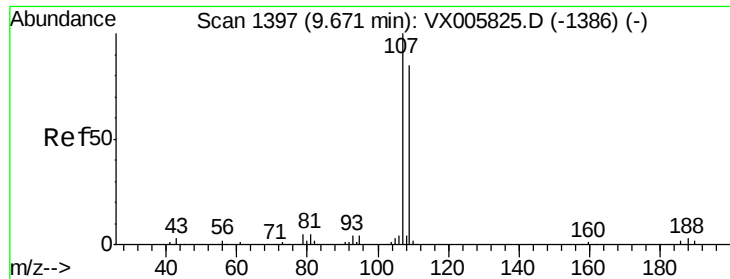
Tgt Ion: 129 Resp: 21579

Ion Ratio Lower Upper

129 100

127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.266 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:107 Resp: 21520

Ion Ratio Lower Upper

107 100

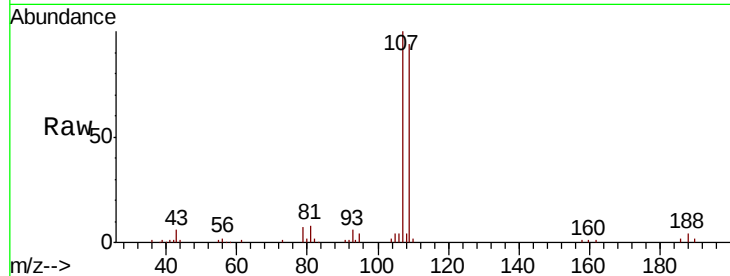
109 95.9 75.7 113.5

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

15000

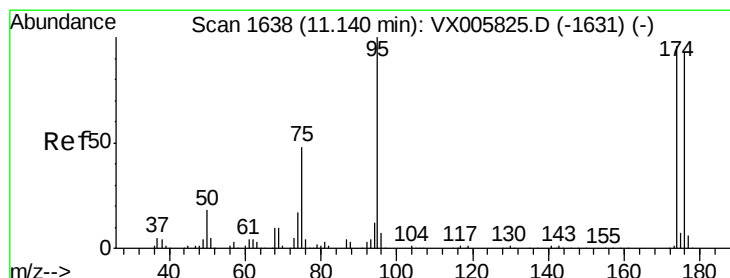
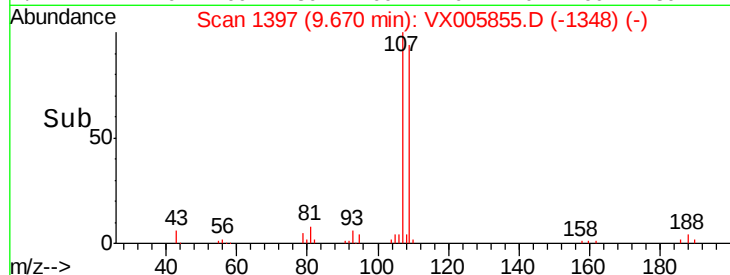
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 55.347 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

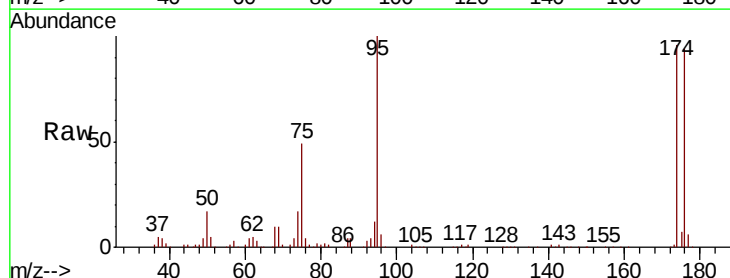
Tgt Ion: 95 Resp: 68485

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

176 88.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

60000

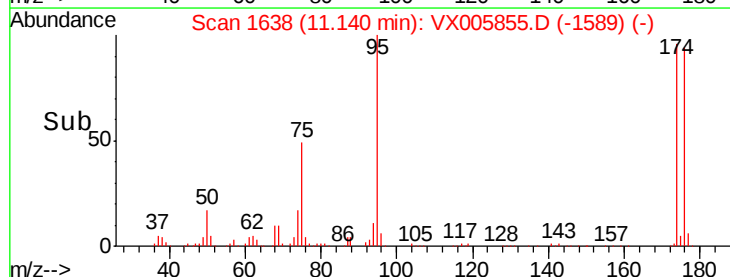
40000

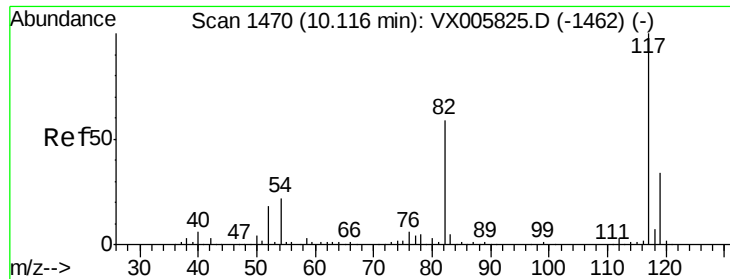
20000

0

Time-->

11.10 11.20





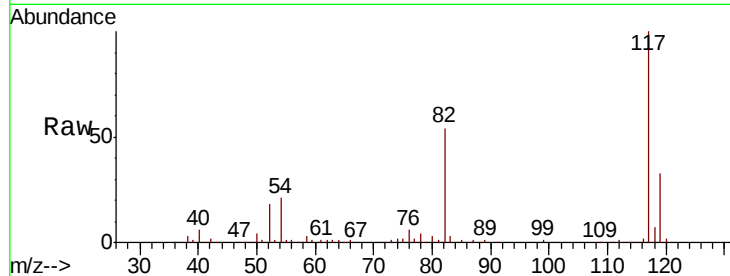
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.1	66.1
119	32.7	26.2	39.2

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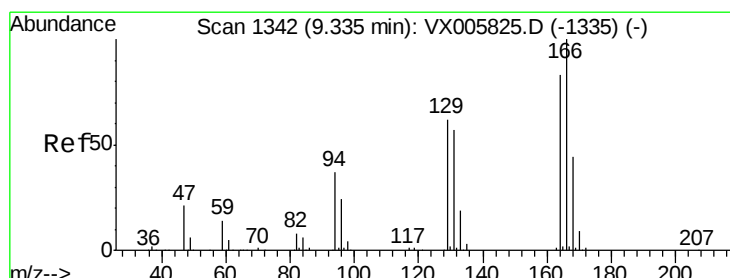
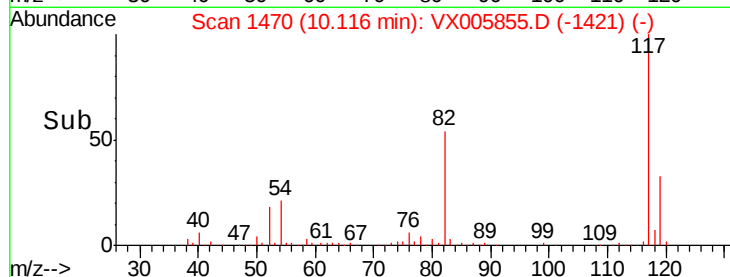
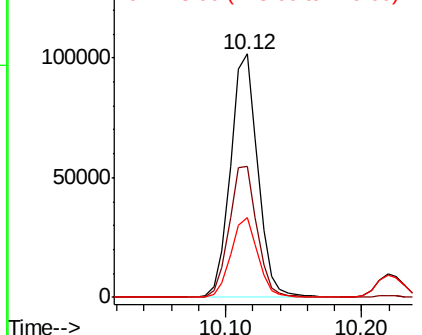


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.118 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	101.9	152.9
129	90.4	72.6	109.0
131	85.6	71.1	106.7

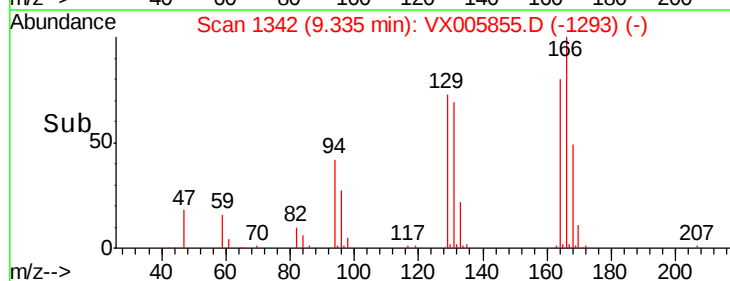
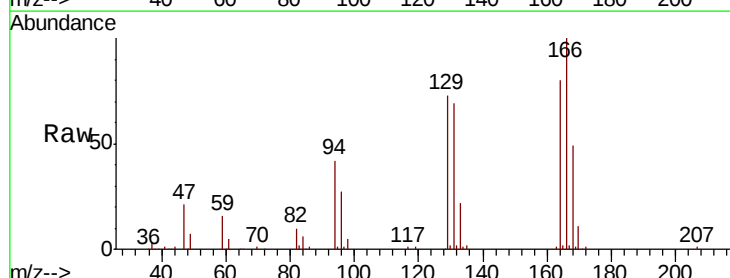
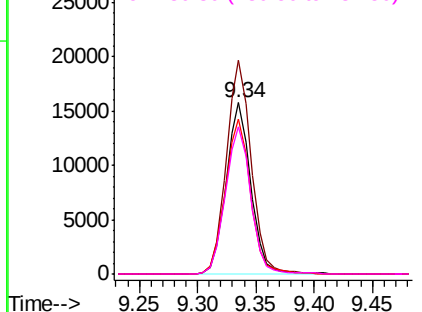
Abundance

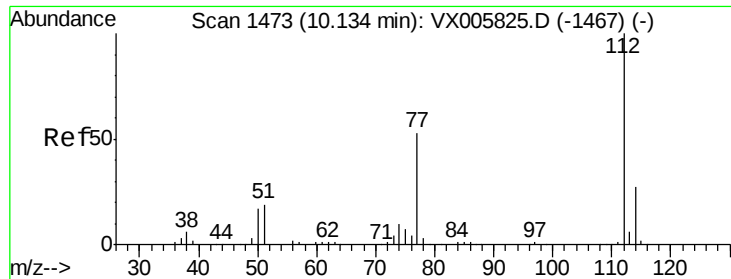
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





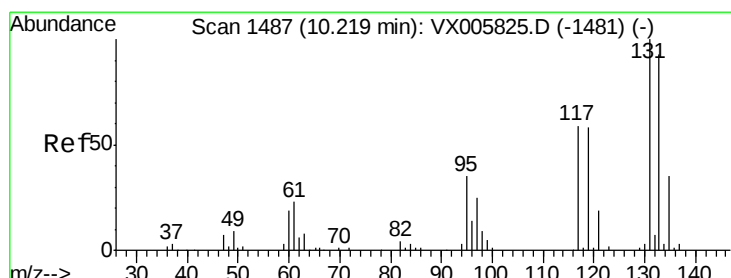
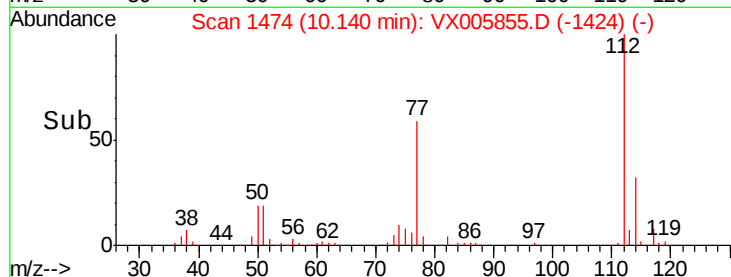
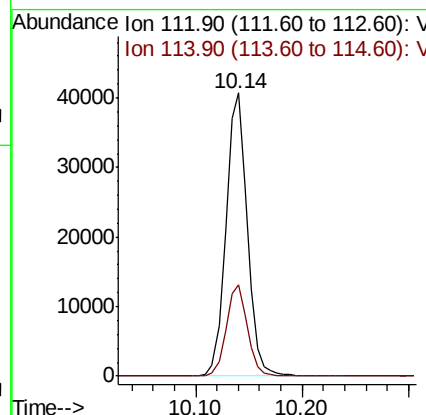
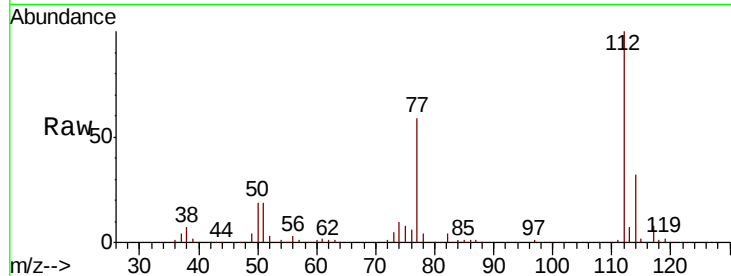
#65
Chlorobenzene
Concen: 19.996 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion:112 Resp: 56763
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

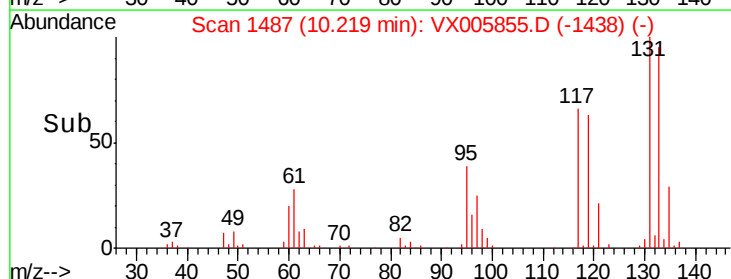
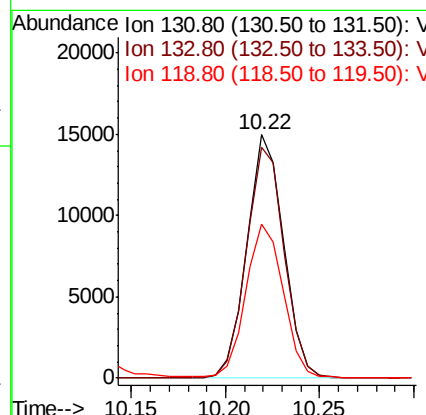
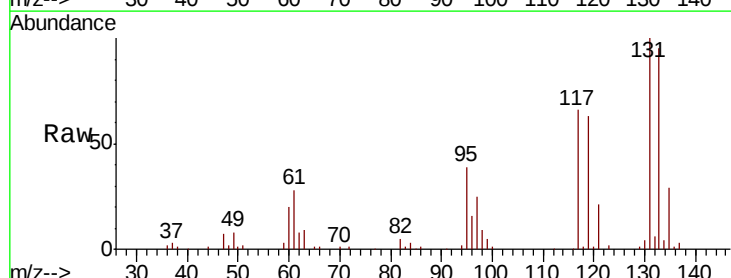
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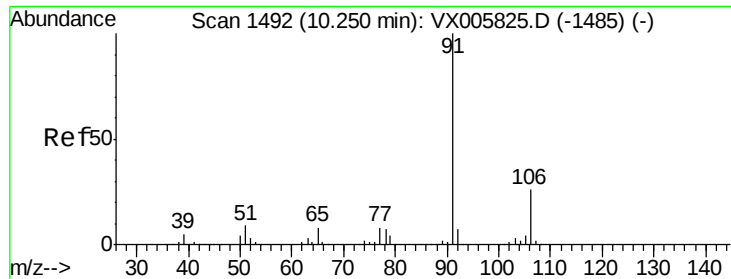
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.451 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:131 Resp: 20183
Ion Ratio Lower Upper
131 100
133 97.6 47.5 142.5
119 65.0 31.8 95.3





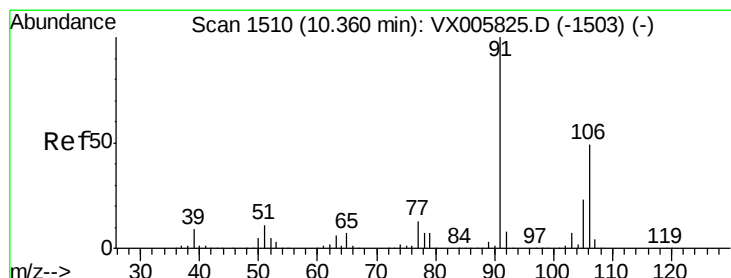
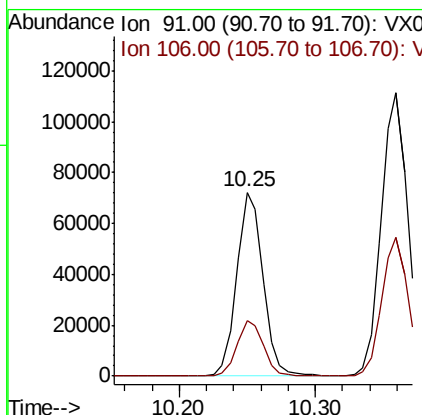
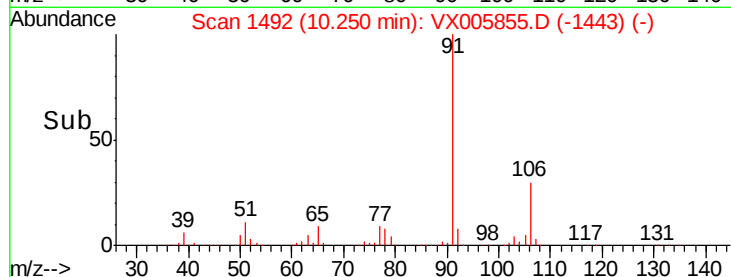
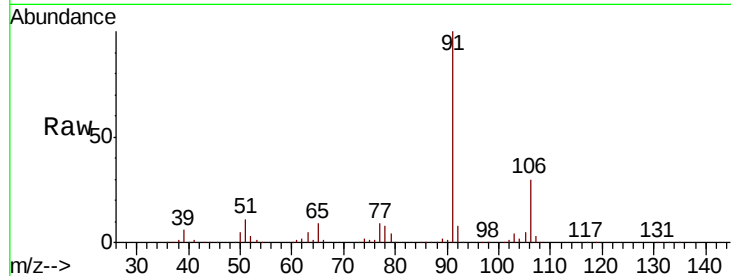
#67
Ethyl Benzene
Concen: 21.242 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 91 Resp: 96690
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

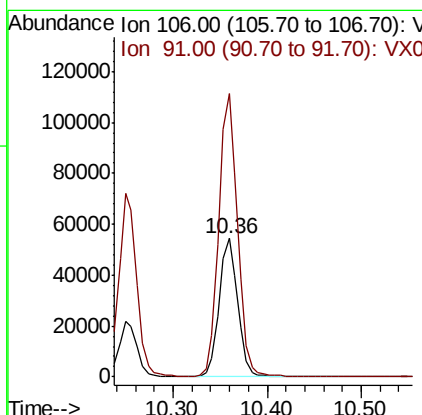
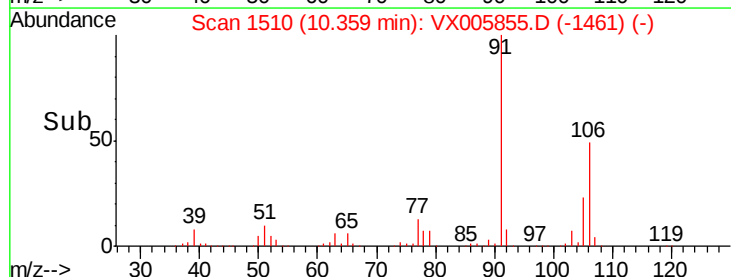
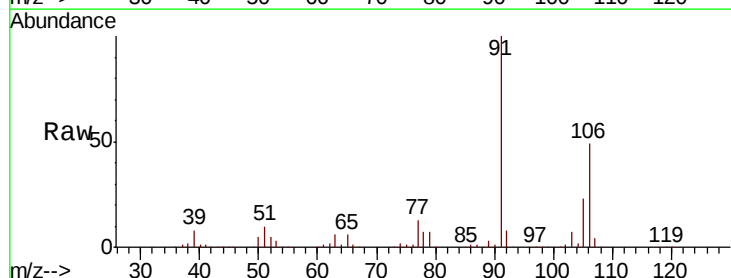
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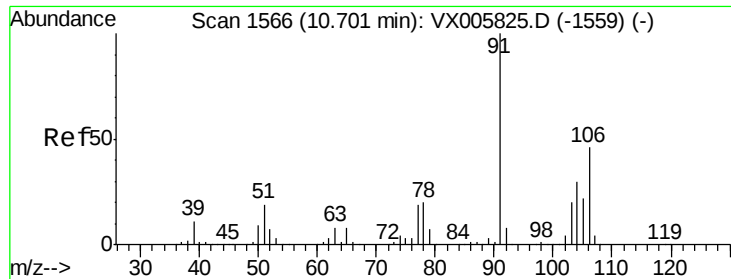
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#68
m/p-Xylenes
Concen: 42.925 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 106 Resp: 74529
Ion Ratio Lower Upper
106 100
91 207.2 164.2 246.4





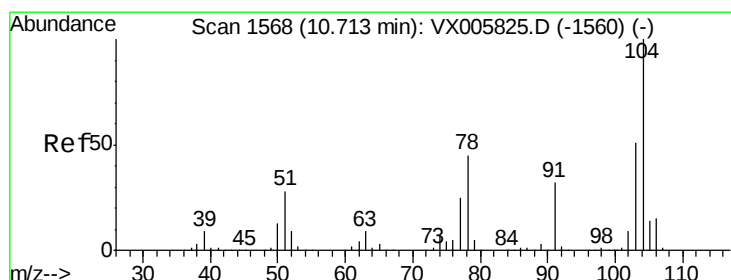
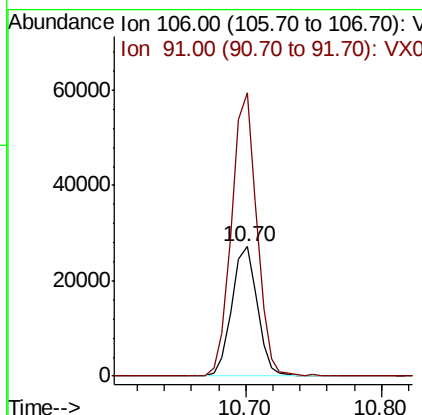
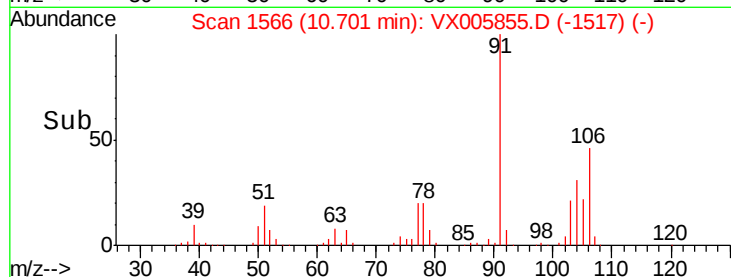
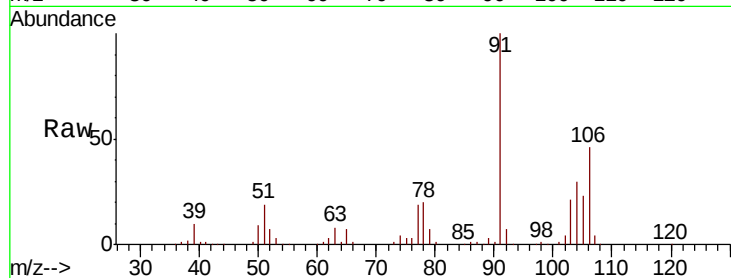
#69
o-Xylene
Concen: 22.877 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion:106 Resp: 35618
Ion Ratio Lower Upper
106 100
91 216.8 108.5 325.5

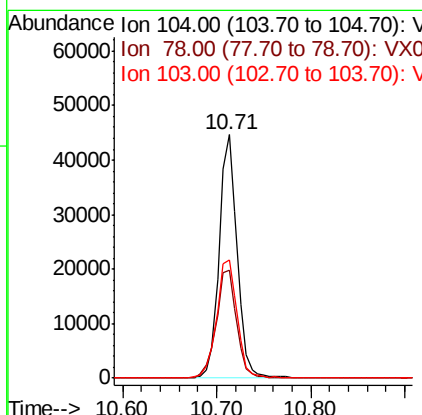
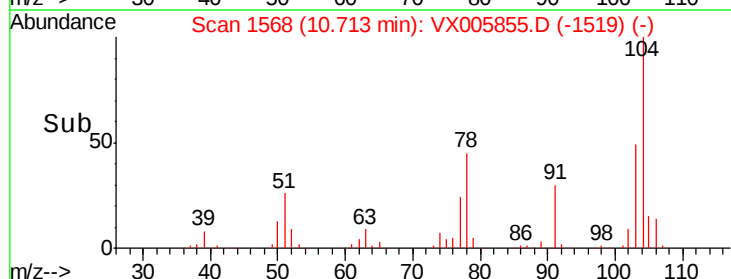
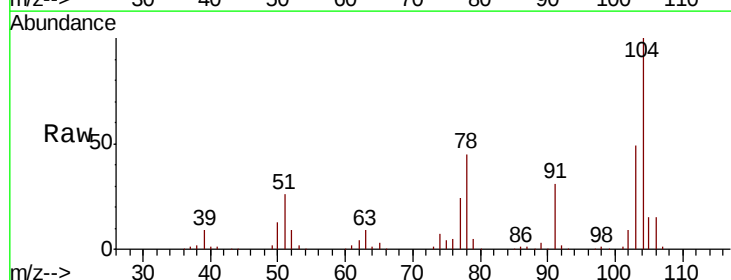
Manual Integrations
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#70
Styrene
Concen: 22.970 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion:104 Resp: 58993
Ion Ratio Lower Upper
104 100
78 51.0 40.2 60.4
103 55.7 44.9 67.3





#71

Bromoform

Concen: 20.797 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

ClientSampleId :

VX1109WBS01

Tot Ion:173 Resp: 17205

Ion Ratio Lower Upper

173 100

175 50.5 24.8 74.3

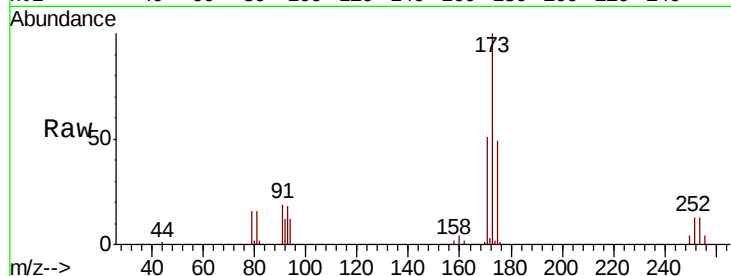
254 0.0 0.2 0.2#

Manual Integrations

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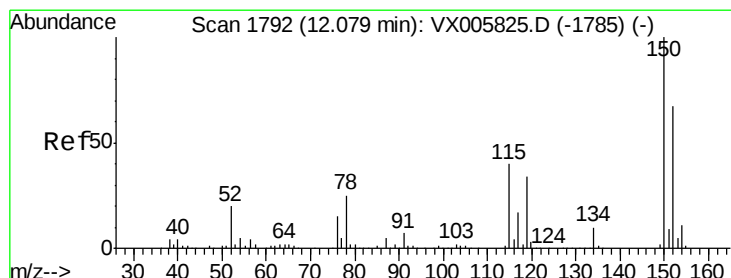
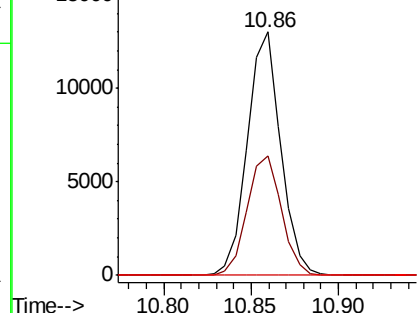
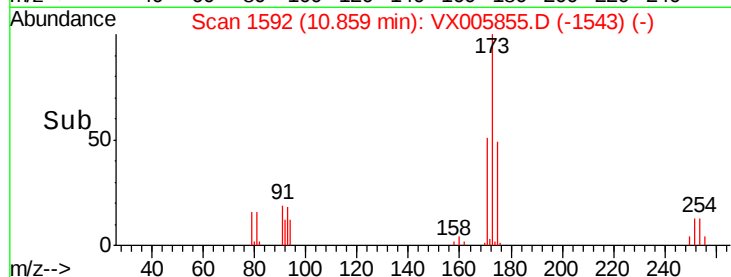
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX005855.D

Acq: 09 Nov 2018 12:26

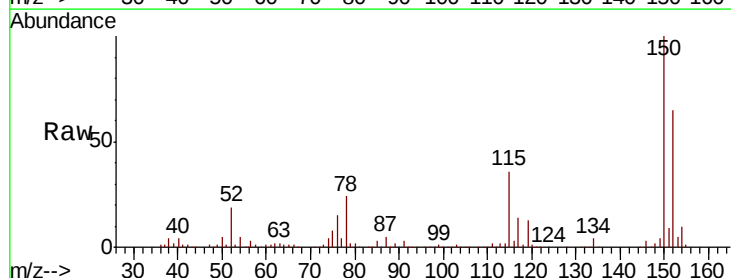
Tgt Ion:152 Resp: 78231

Ion Ratio Lower Upper

152 100

115 65.0 39.4 118.1

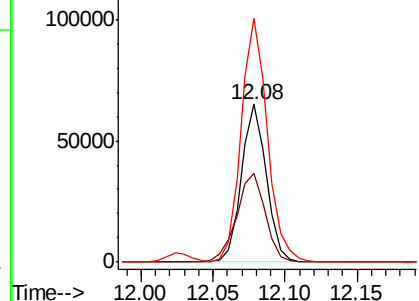
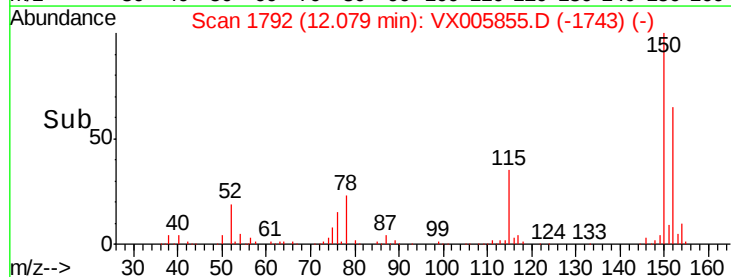
150 163.3 0.0 346.4

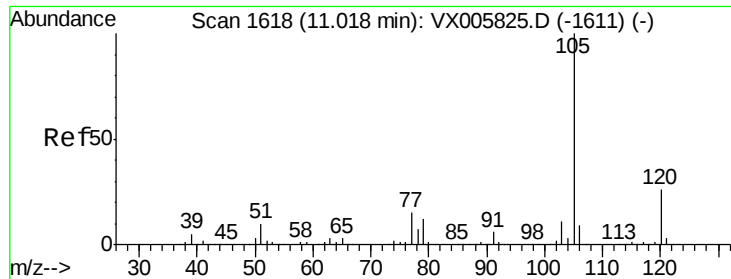


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





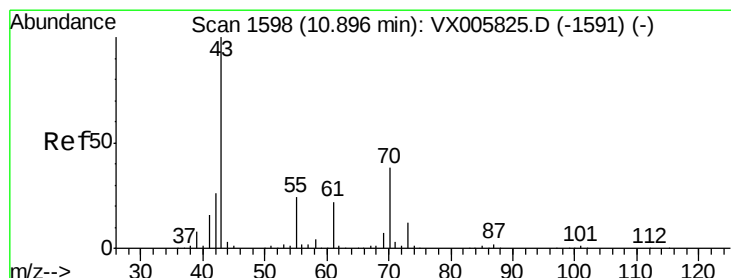
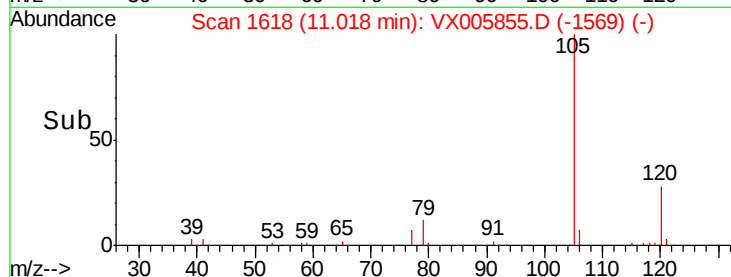
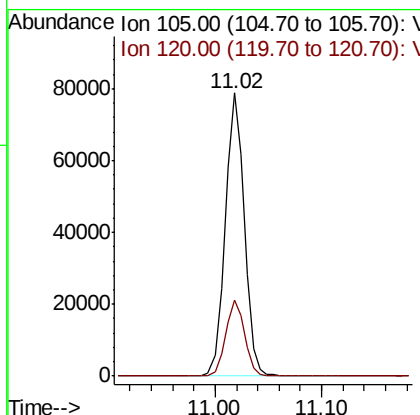
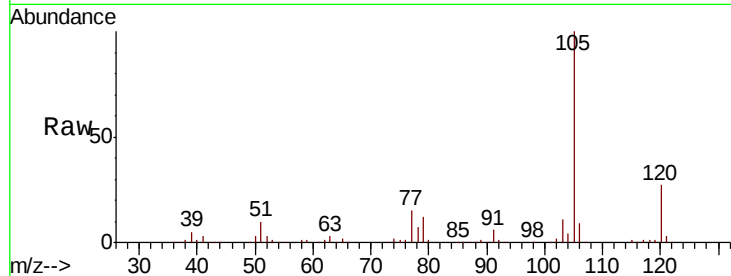
#73
Isopropylbenzene
Concen: 21.774 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 105 Resp: 98505
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

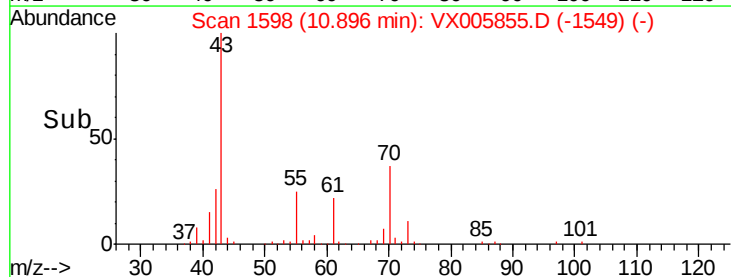
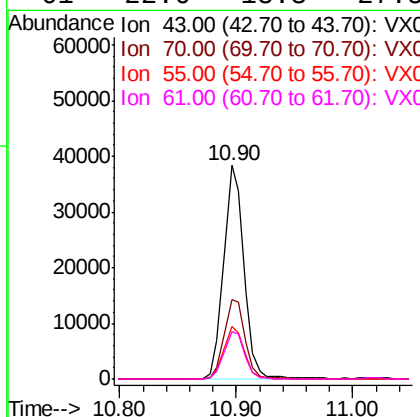
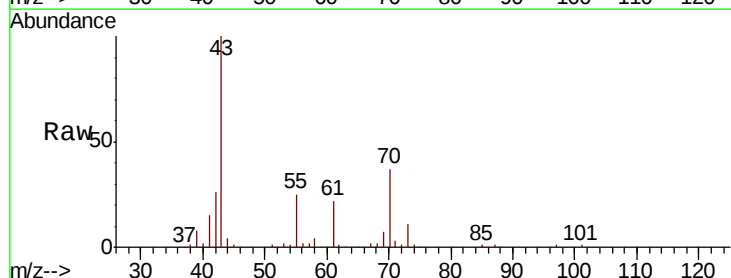
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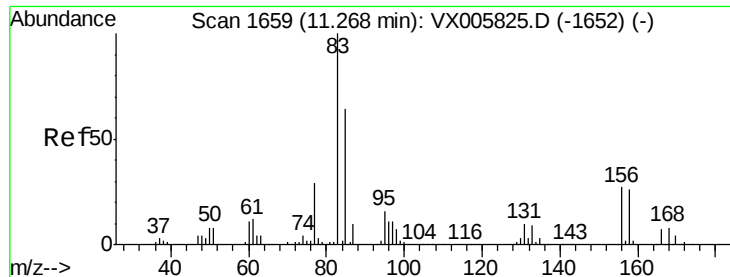
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#74
N-ethyl acetate
Concen: 18.984 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 43 Resp: 46168
Ion Ratio Lower Upper
43 100
70 38.6 31.6 47.4
55 25.1 19.7 29.5
61 22.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.096 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

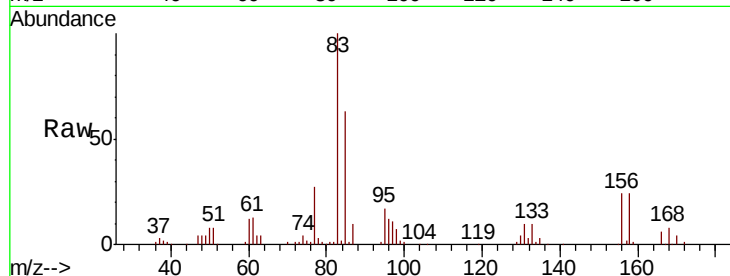
ClientSampleId :

VX1109WBS01

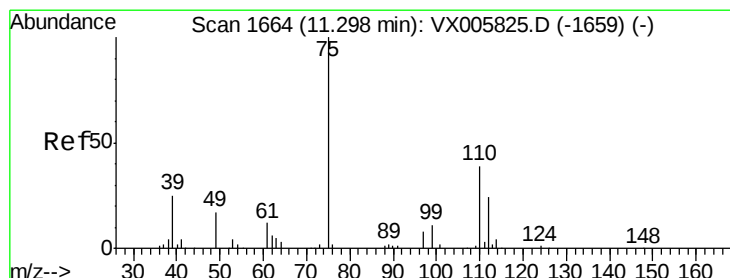
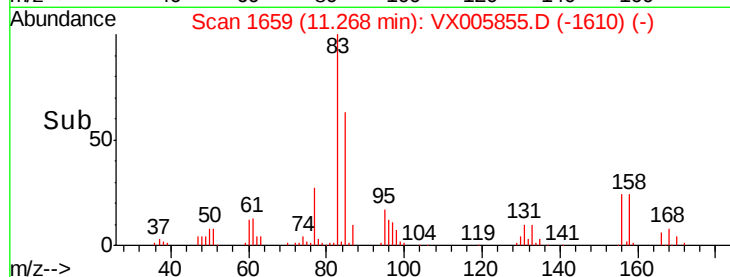
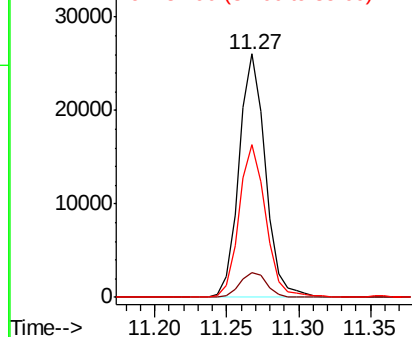
Tot Ion:	83	Resp:	33369
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.9
85	63.5	32.0	96.2

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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: 20.591 ug/l m

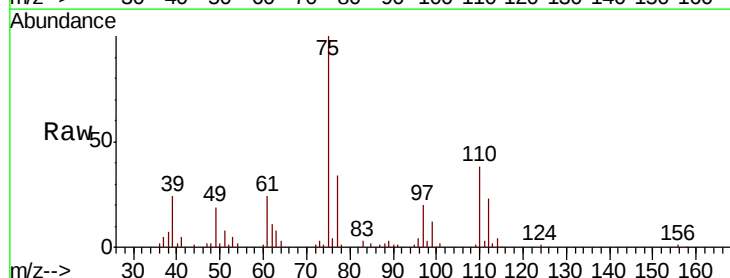
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

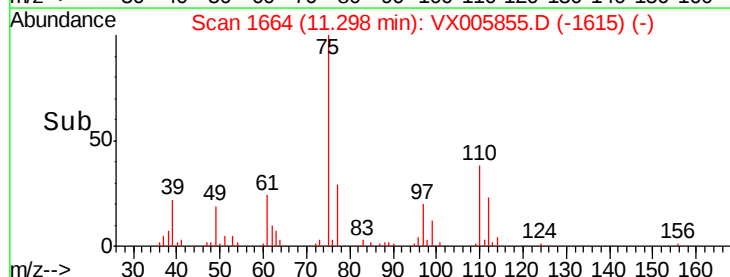
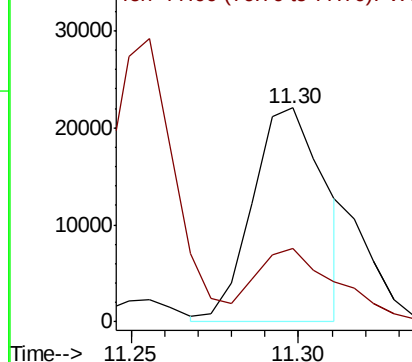
Lab File: VX005855.D

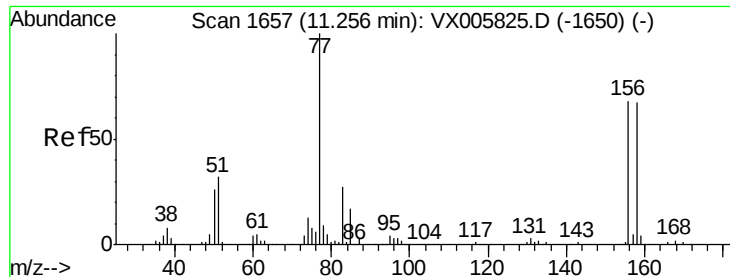
Acq: 09 Nov 2018 12:26

Tgt Ion:	75	Resp:	32801
Ion Ratio	Lower	Upper	
75	100		
77	39.0	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: 20.277 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

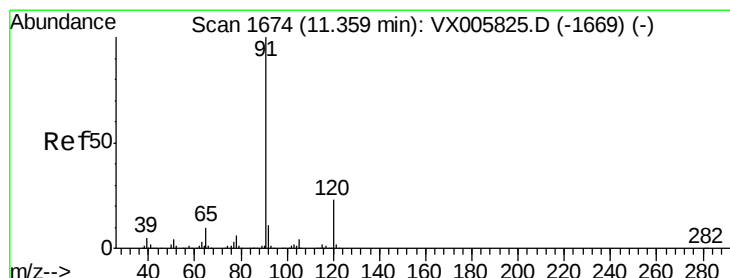
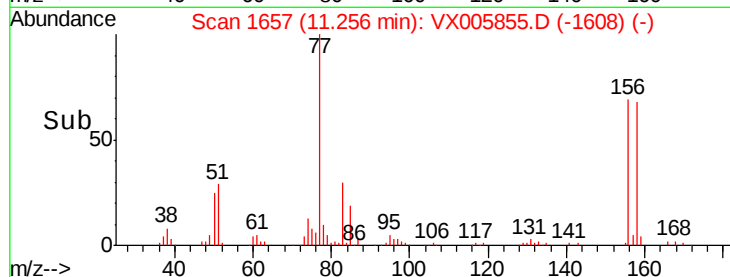
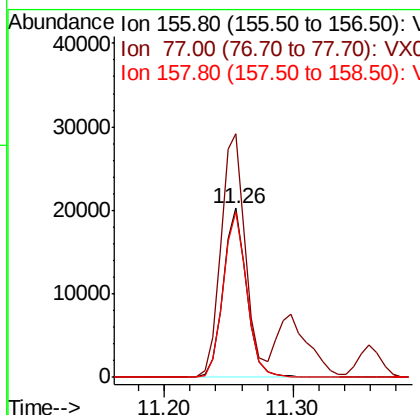
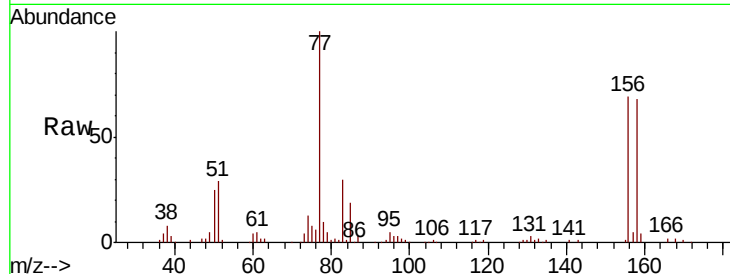
ClientSampleId :

VX1109WBS01

Tot Ion:	156	Resp:	25856
Ion	Ratio	Lower	Upper
156	100		
77	151.4	74.8	224.4
158	98.5	49.1	147.3

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#78

n-propylbenzene

Concen: 21.488 ug/l

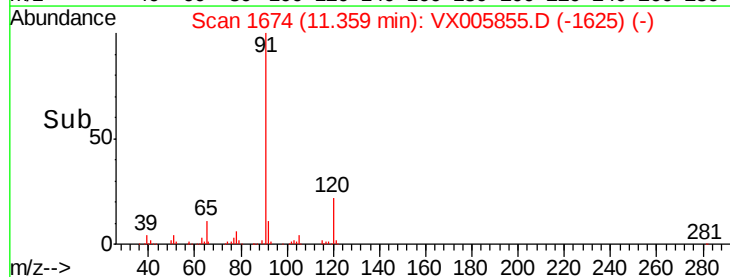
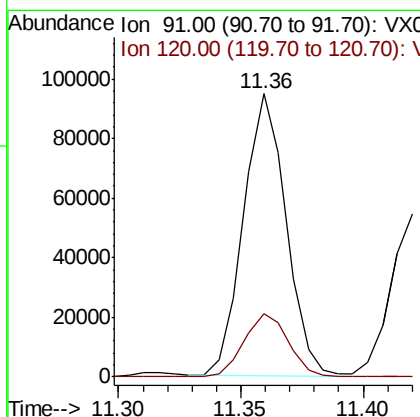
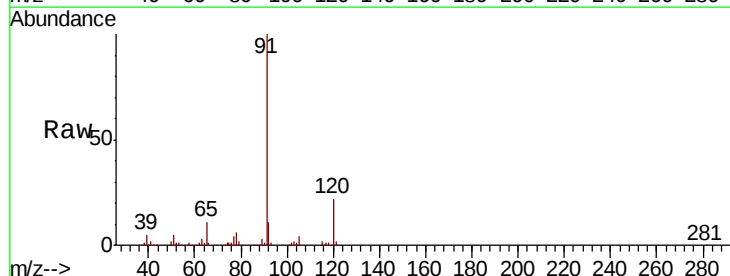
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion:	91	Resp:	114565
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5





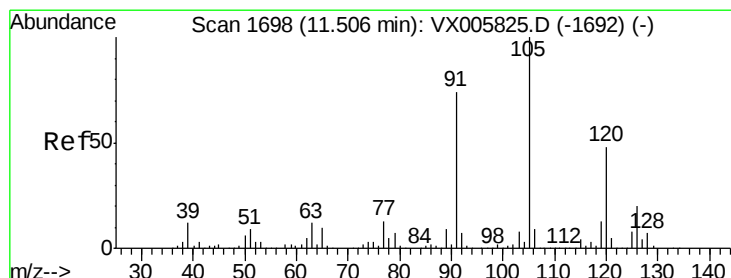
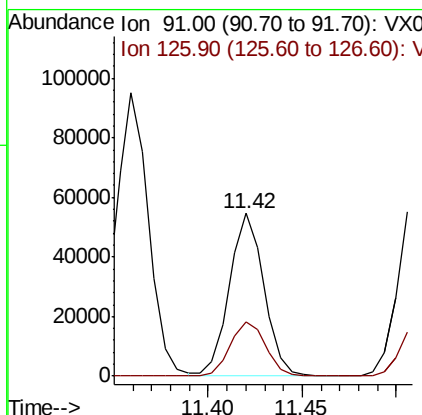
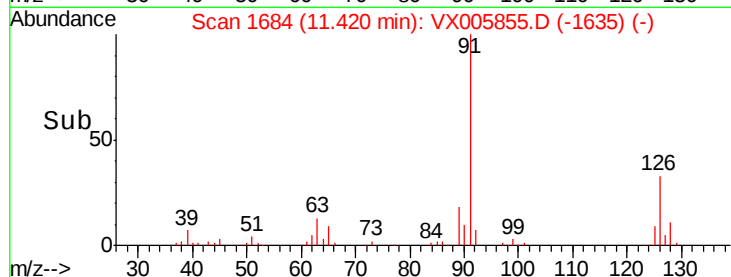
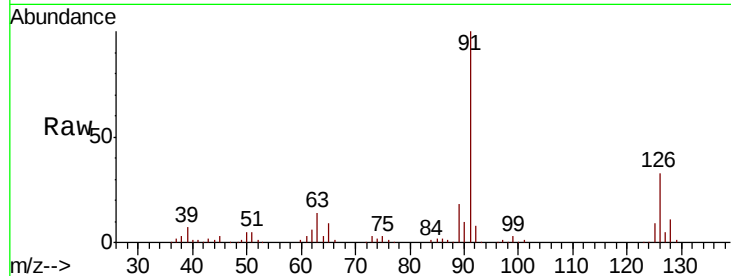
#79
2-Chlorotoluene
Concen: 21.384 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion: 91 Resp: 68915
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0

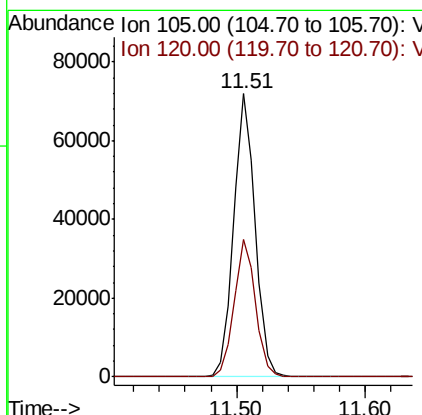
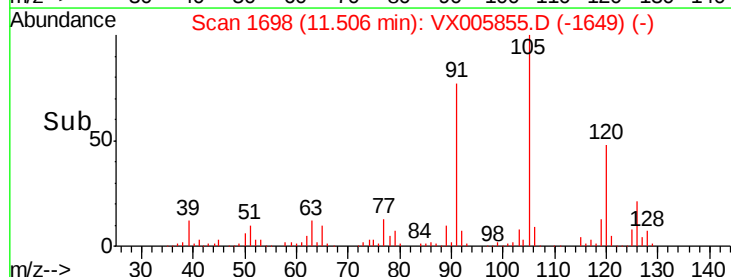
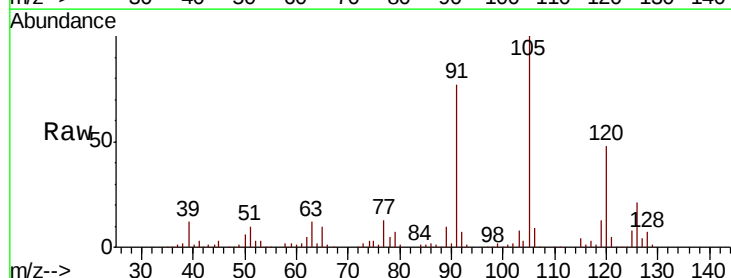
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#80
1,3,5-Trimethylbenzene
Concen: 21.779 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion: 105 Resp: 83727
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.2





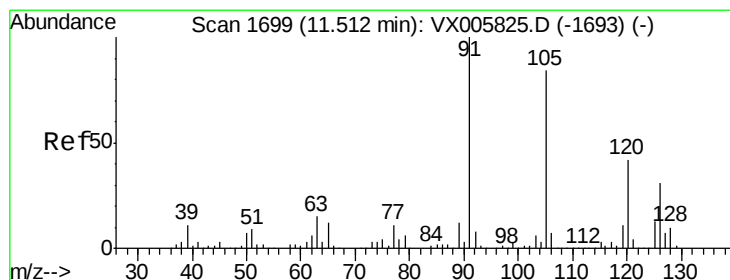
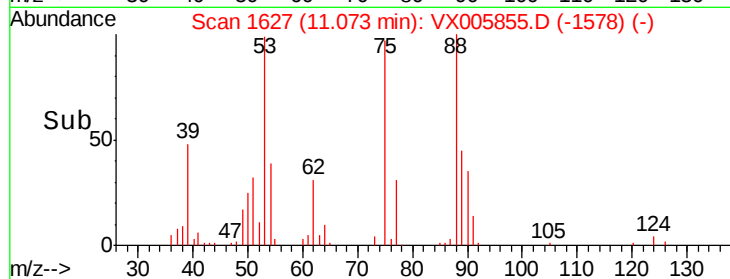
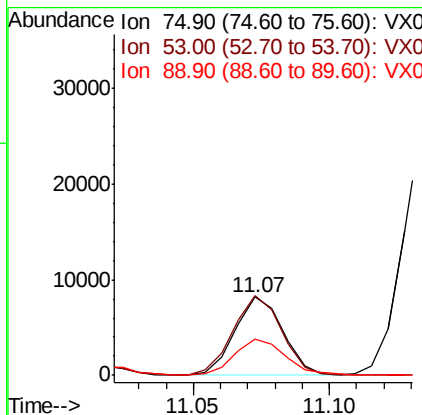
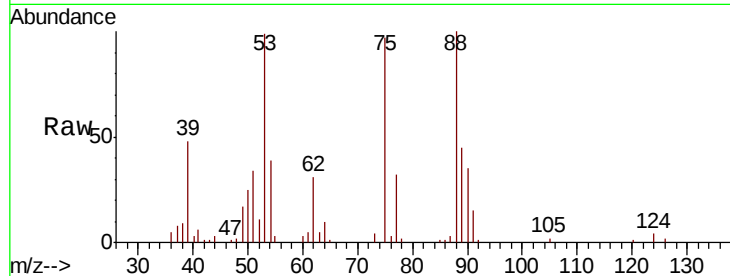
#81
trans-1,4-Dichloro-2-butene
Concen: 20.176 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	80.2	120.2
89	48.8	39.8	59.8

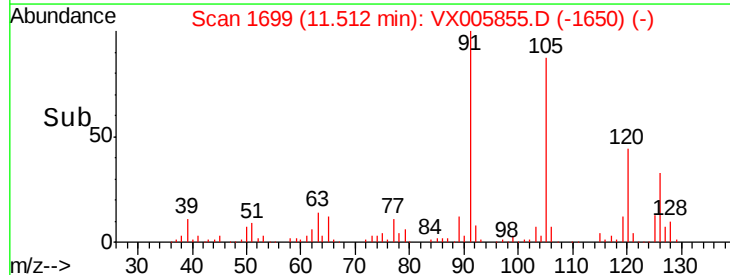
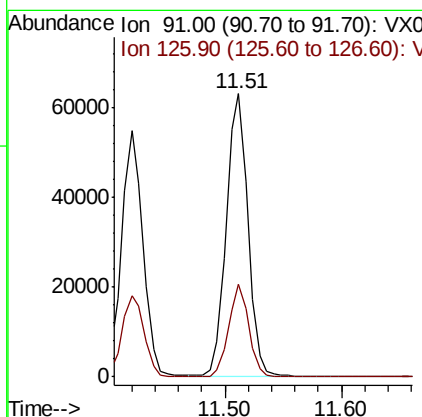
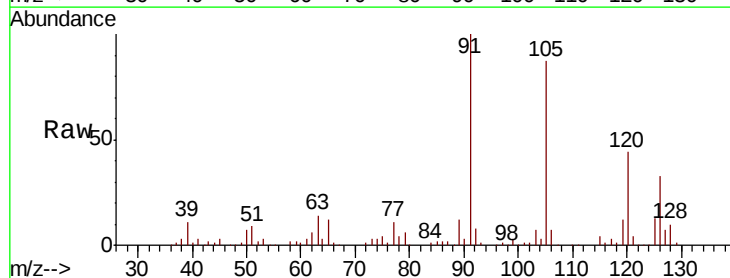
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#82
4-Chlorotoluene
Concen: 21.461 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6





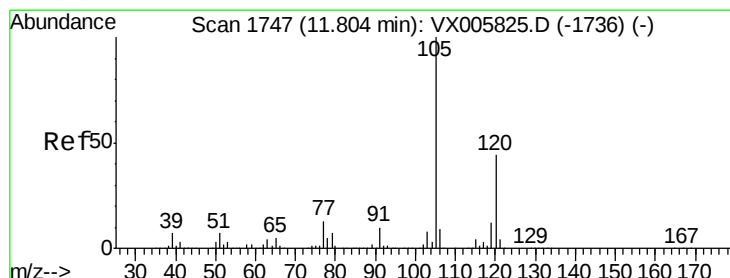
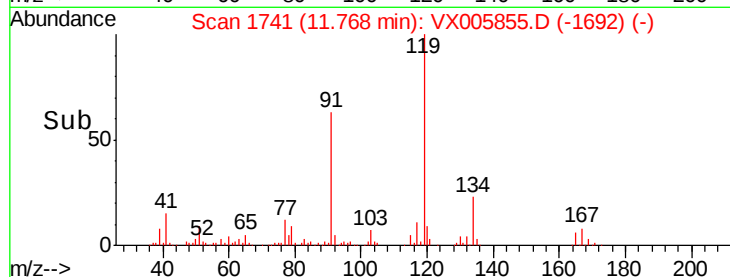
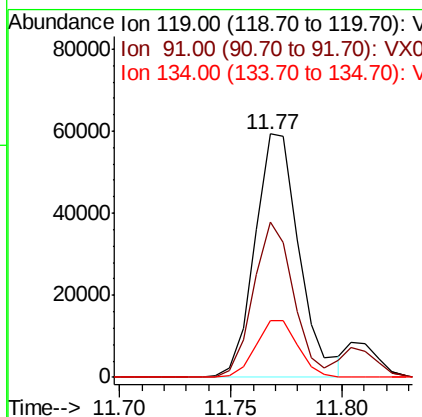
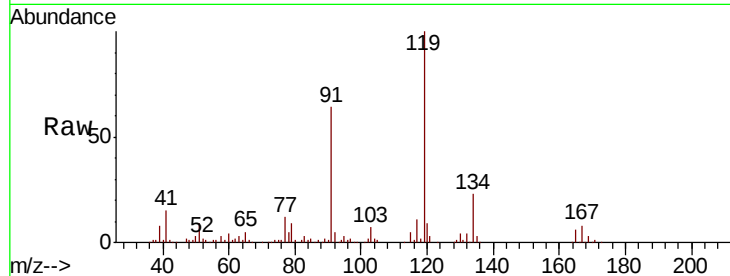
#83
tert-Butylbenzene
Concen: 21.171 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	28.5	85.5
134	22.4	11.3	33.8

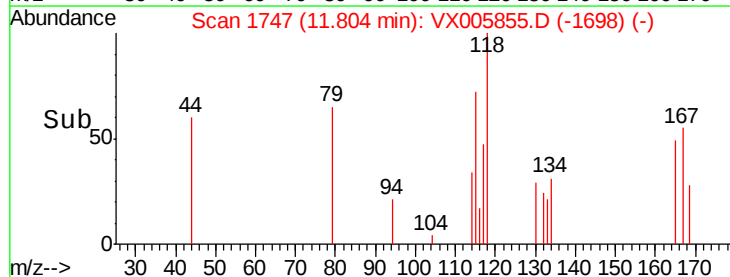
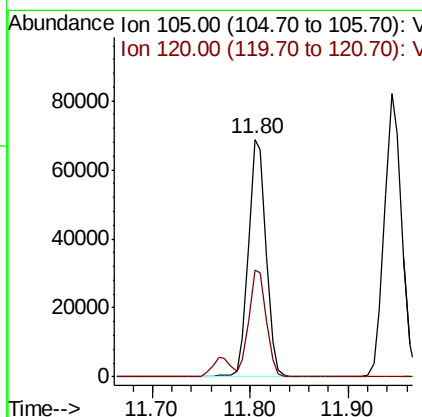
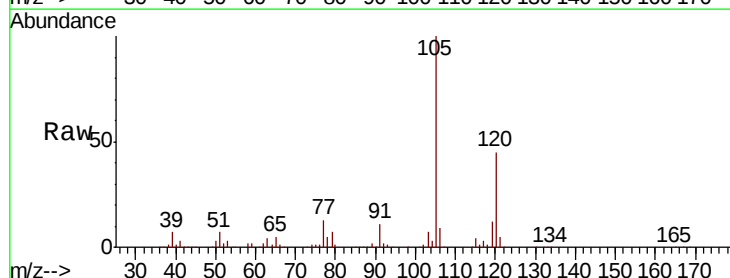
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#84
1,2,4-Trimethylbenzene
Concen: 20.263 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.0





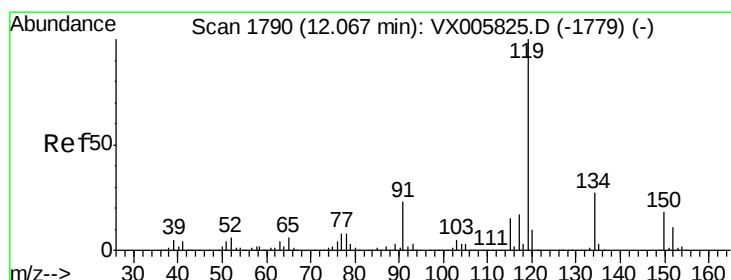
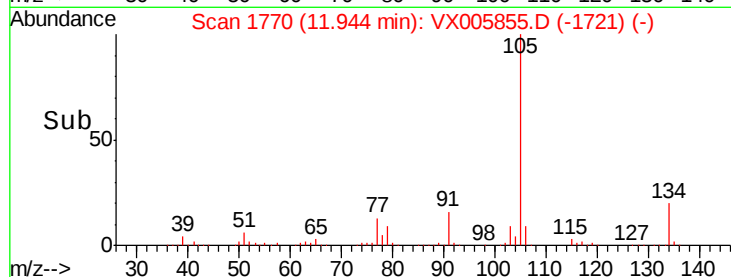
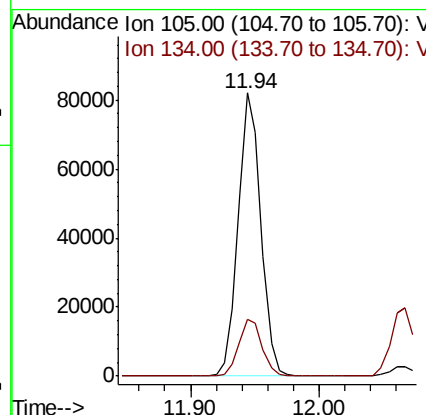
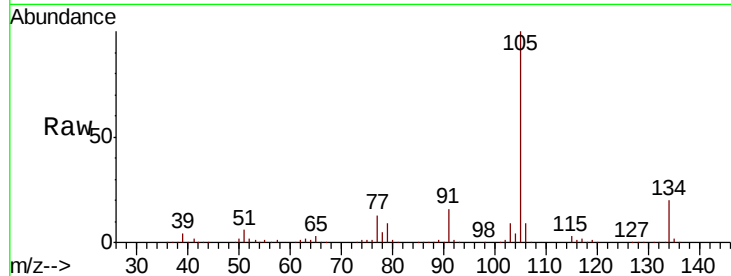
#85
 sec-Butylbenzene
 Concen: 21.239 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.4

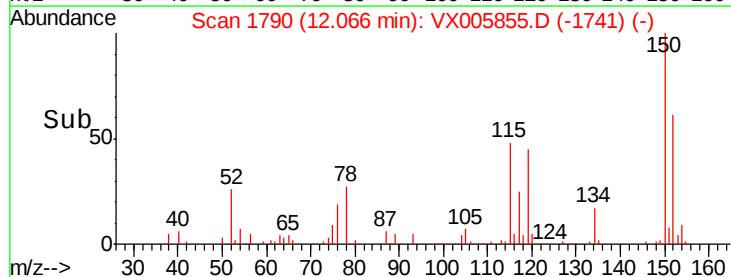
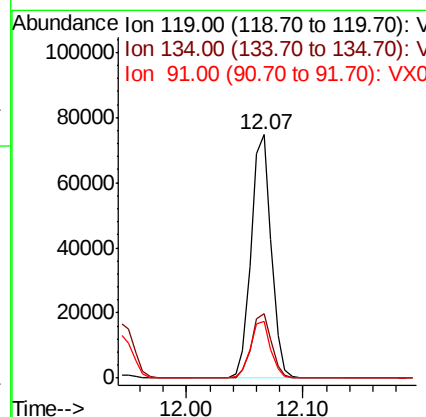
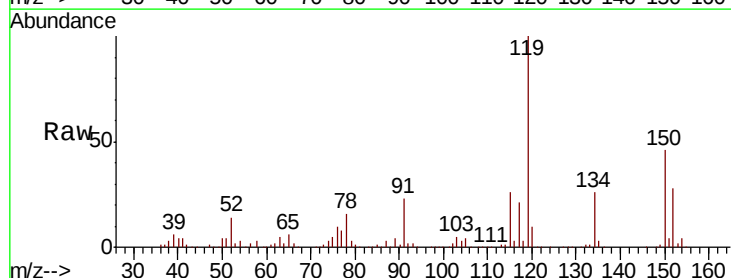
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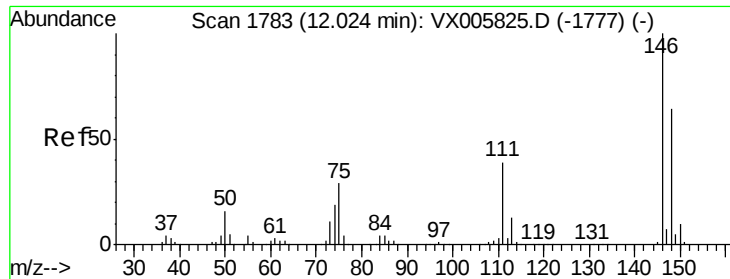
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#86
 p-Isopropyltoluene
 Concen: 21.495 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005855.D
 Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.0	39.0
91	23.6	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 19.831 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

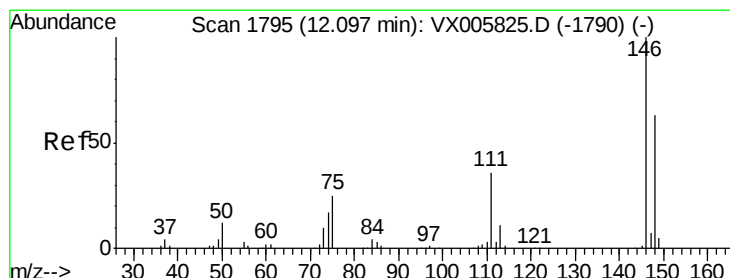
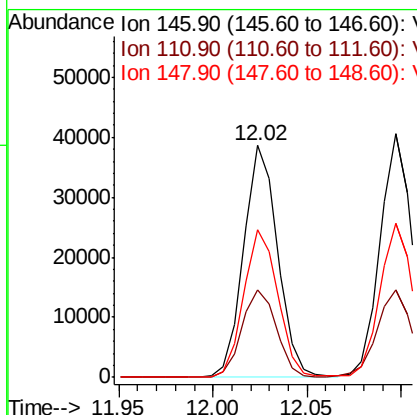
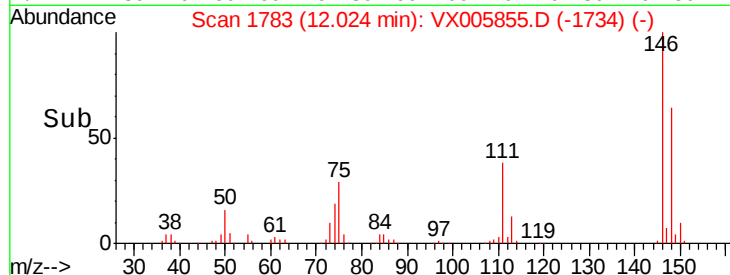
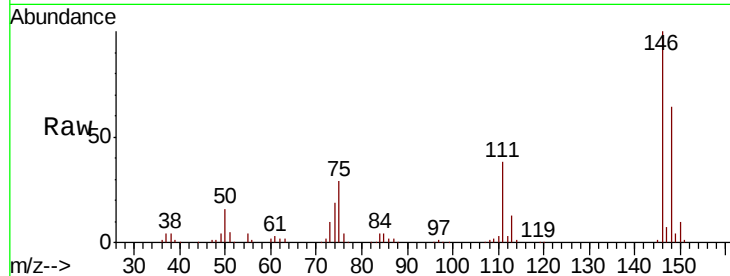
ClientSampleId :

VX1109WBS01

Tot Ion:	146	Resp:	48531
Ion Ratio	Lower	Upper	
146	100		
111	38.3	19.0	57.0
148	63.7	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 19.611 ug/l

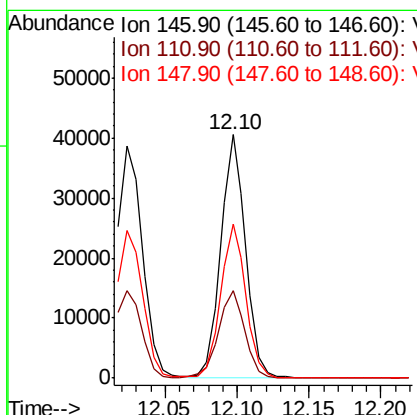
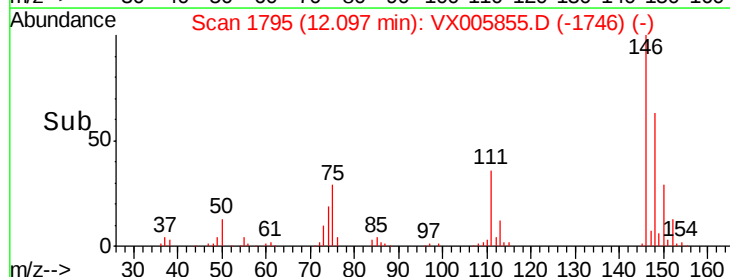
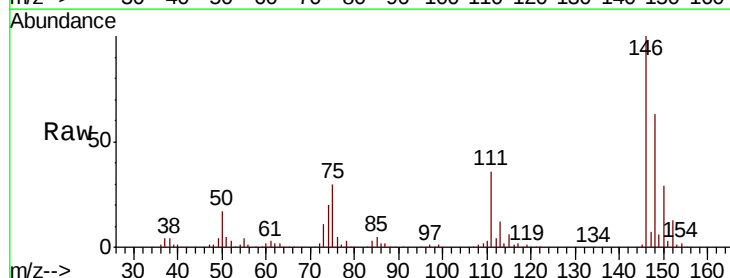
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion:	146	Resp:	49128
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.6	55.8
148	64.4	32.1	96.3





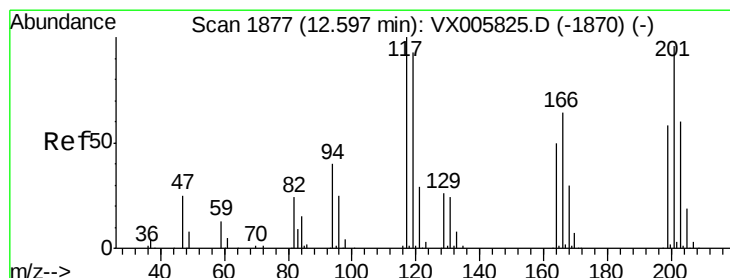
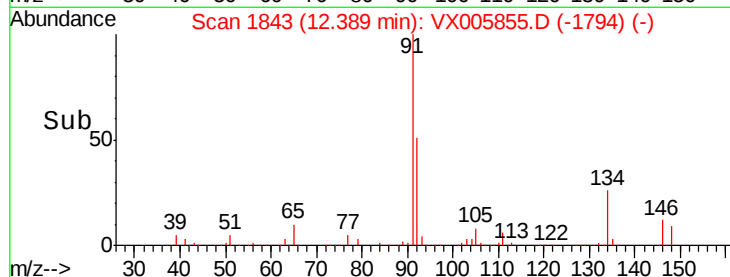
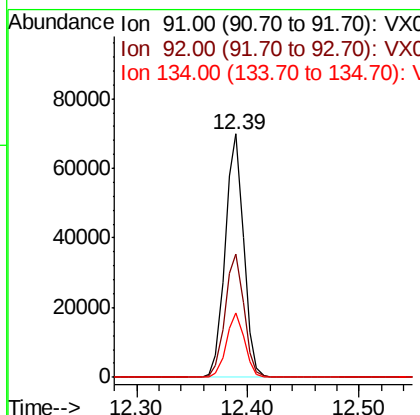
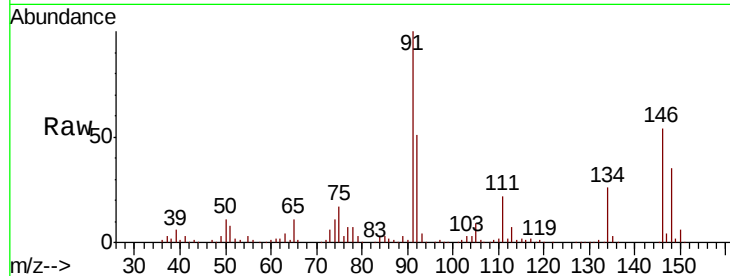
#89
n-Butylbenzene
Concen: 20.611 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.2
134	26.0	13.1	39.3

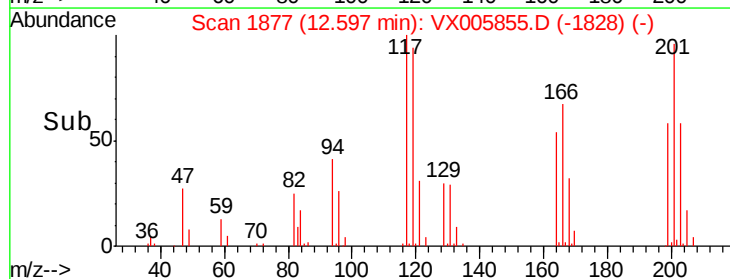
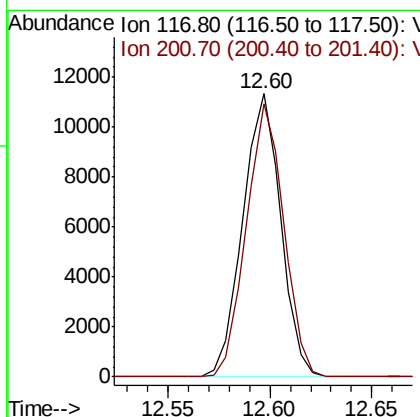
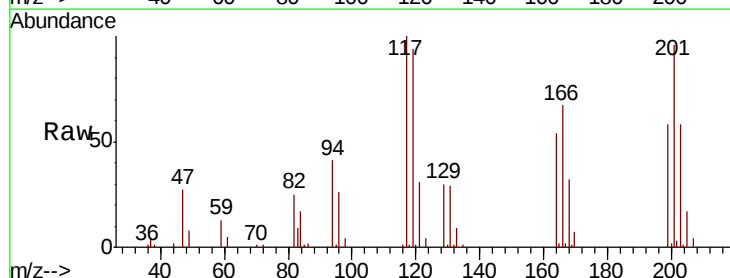
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#90
Hexachloroethane
Concen: 20.790 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.5	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 19.913 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Instrument :

MSVOA_X

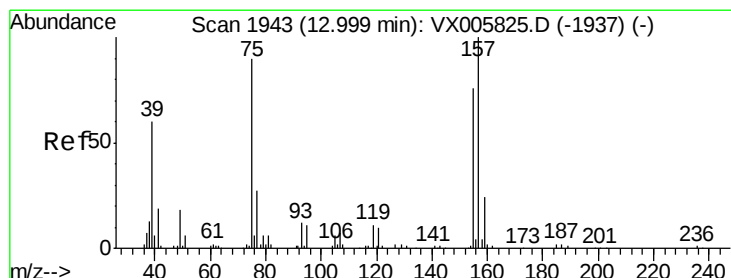
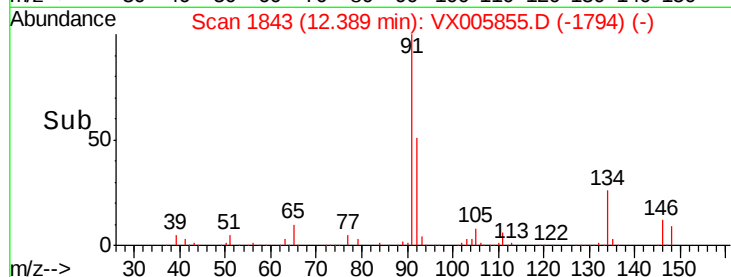
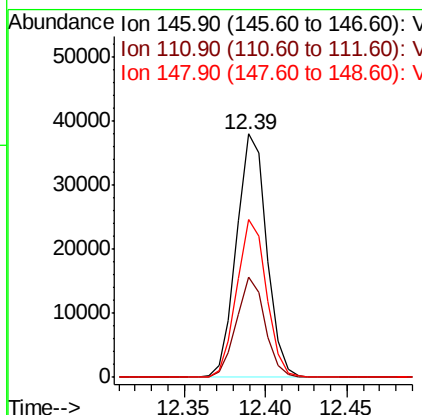
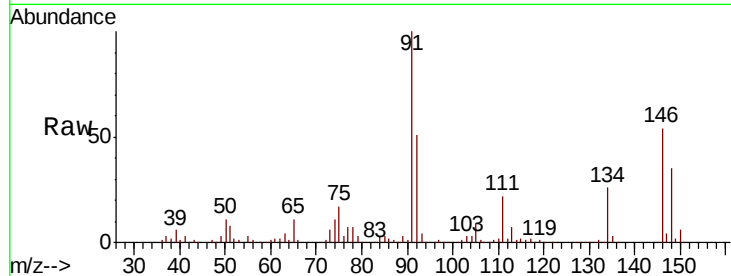
ClientSampleId :

VX1109WBS01

Tot Ion:	146	Resp:	48817
Ion Ratio	Lower	Upper	
146	100		
111	39.2	20.0	59.9
148	63.9	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.533 ug/l

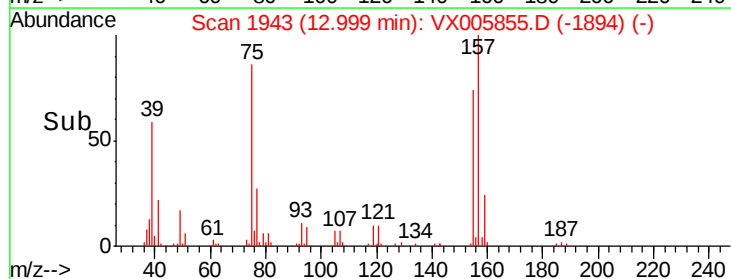
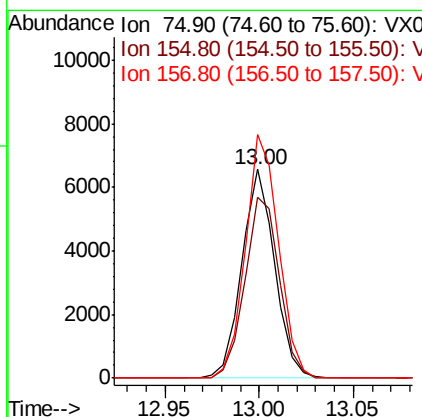
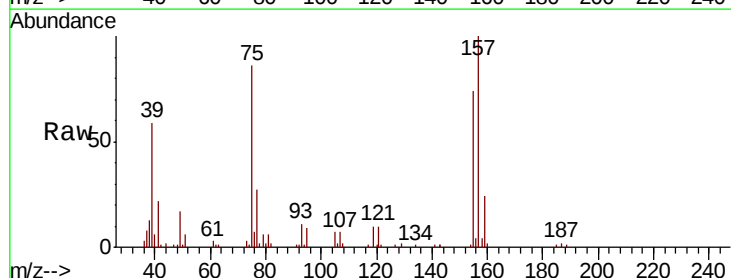
RT: 13.00 min Scan# 1943

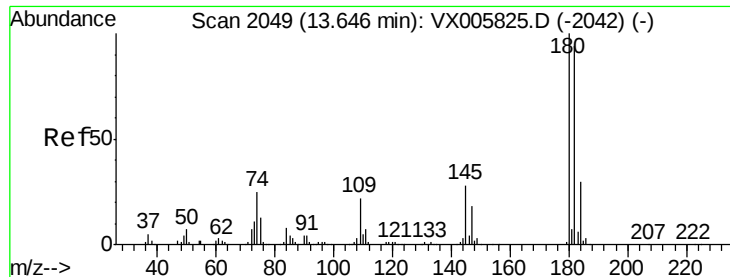
Delta R.T. -0.00 min

Lab File: VX005855.D

Acq: 09 Nov 2018 12:26

Tgt Ion:	75	Resp:	7915
Ion Ratio	Lower	Upper	
75	100		
155	90.8	45.4	136.1
157	117.3	57.4	172.0





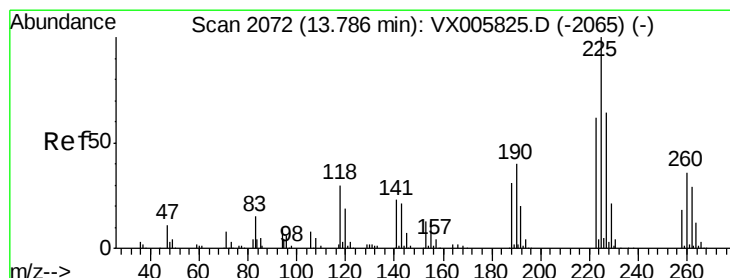
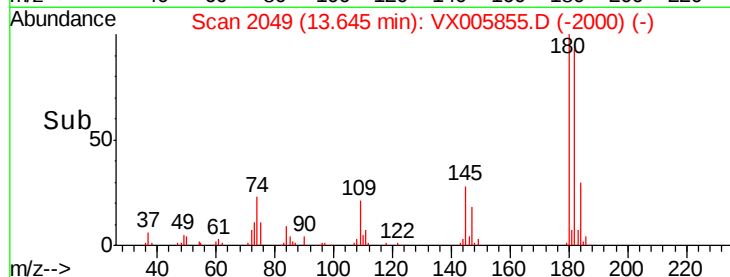
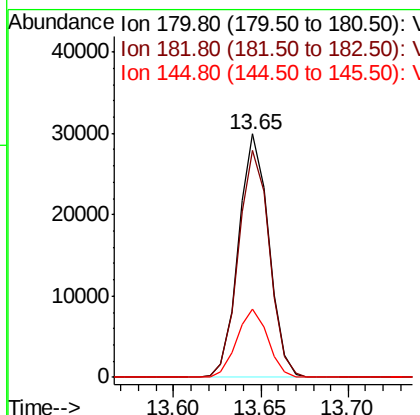
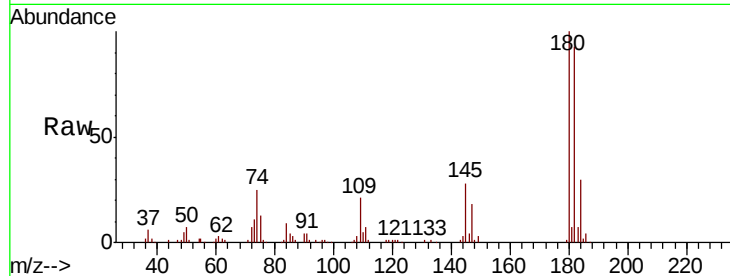
#93
1,2,4-Trichlorobenzene
Concen: 20.814 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	28.8	14.1	42.2

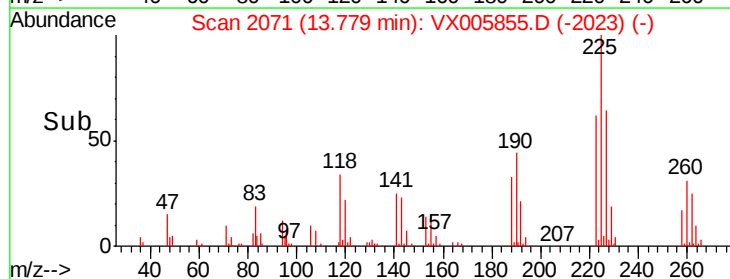
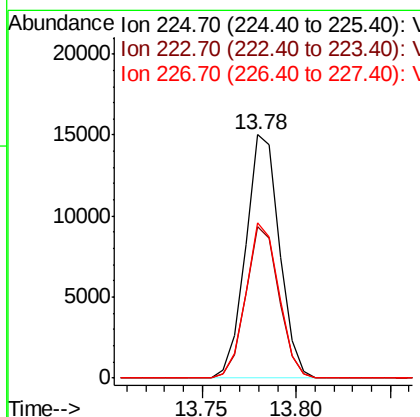
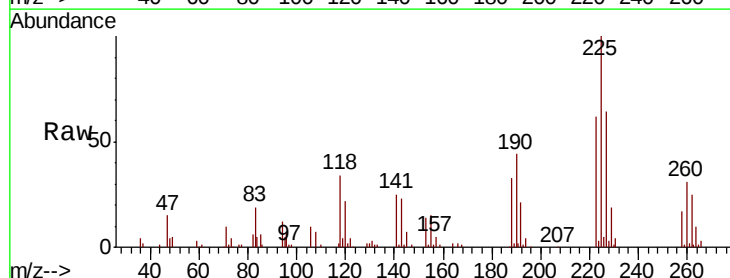
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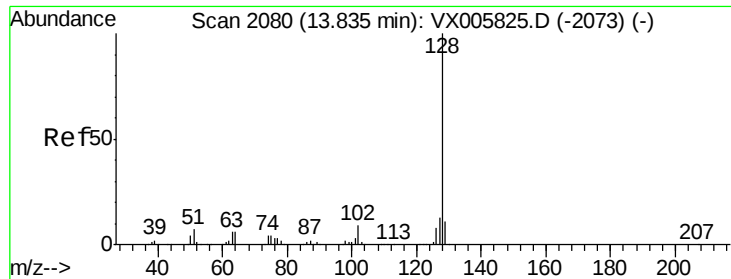
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#94
Hexachlorobutadiene
Concen: 20.603 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.7	95.1
227	62.0	32.3	96.9





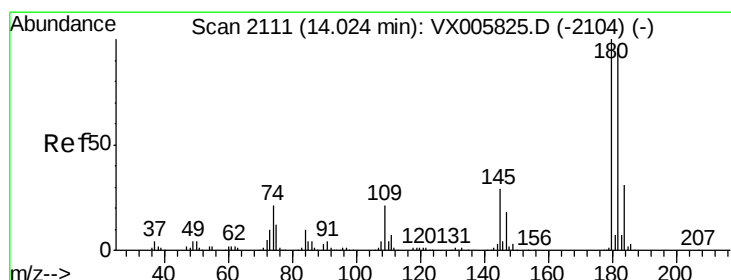
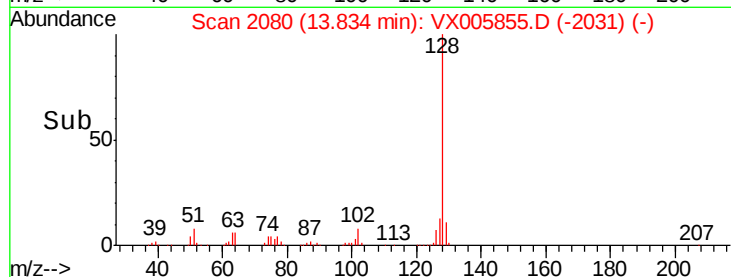
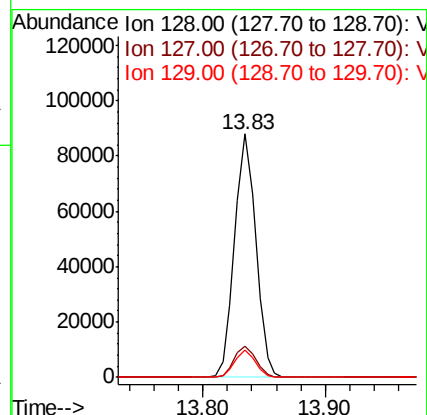
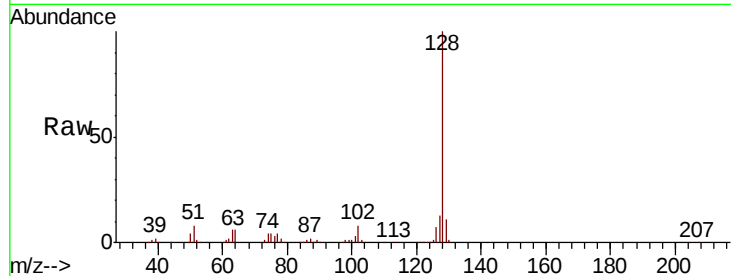
#95
Naphthalene
Concen: 19.526 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Instrument :
MSVOA_X
ClientSampleId :
VX1109WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:11:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.009 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005855.D
Acq: 09 Nov 2018 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.0	144.2
145	29.1	15.1	45.3

