

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
 Data File : VX005540.D
 Acq On : 24 Oct 2018 14:37
 Operator : JC/MD
 Sample : VX1024WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 11:53:31 AM

Quant Time: Oct 25 05:11:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138292	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	107671	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	8.71	98	418630	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	154954	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33239	14.469	ug/l	100
3) Chloromethane	1.32	50	48291	16.507	ug/l	99
4) Vinyl Chloride	1.40	62	48106	16.723	ug/l	99
5) Bromomethane	1.64	94	30406	16.987	ug/l	99
6) Chloroethane	1.71	64	31573	17.181	ug/l	98
7) Trichlorofluoromethane	1.93	101	72733	18.197	ug/l	96
8) Diethyl Ether	2.19	74	29420	18.444	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	43118	18.801	ug/l	99
10) Methyl Iodide	2.51	142	29021	14.182	ug/l	97
11) Tert butyl alcohol	3.07	59	71702	93.790	ug/l	98
12) 1,1-Dichloroethene	2.37	96	38851	17.783	ug/l	91
13) Acrolein	2.29	56	37801	96.931	ug/l	96
14) Allyl chloride	2.73	41	90356	18.532	ug/l	96
15) Acrylonitrile	3.15	53	156495	91.288	ug/l	98
16) Acetone	2.45	43	138219	92.072	ug/l	97
17) Carbon Disulfide	2.57	76	117779	17.685	ug/l	100
18) Methyl Acetate	2.78	43	73234	18.836	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	146201	18.760	ug/l	98
20) Methylene Chloride	2.85	84	46311	18.419	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	44119	18.496	ug/l	96
22) Diisopropyl ether	3.87	45	163382	19.189	ug/l	91
23) Vinyl Acetate	3.82	43	742684	99.040	ug/l #	93
24) 1,1-Dichloroethane	3.70	63	86941	18.781	ug/l	98
25) 2-Butanone	4.70	43	209308	91.559	ug/l	93
26) 2,2-Dichloropropane	4.58	77	65720	18.389	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46127	17.937	ug/l	92
28) Bromochloromethane	5.01	49	42649	19.049	ug/l	88
29) Tetrahydrofuran	5.15	42	135478	91.065	ug/l	91
30) Chloroform	5.21	83	79790	18.427	ug/l	97
31) Cyclohexane	5.57	56	71758	18.735	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	69235	18.116	ug/l	99
36) 1,1-Dichloropropene	5.80	75	60189	18.548	ug/l	99
37) Ethyl Acetate	4.85	43	77018	18.599	ug/l	97
38) Carbon Tetrachloride	5.78	117	61981	18.135	ug/l	97

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 ALS Vial : 10 Sample Multiplier: 1

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 13:13:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70869	19.778	ug/l	93
40) Benzene	6.14	78	176561	18.980	ug/l	98
41) Methacrylonitrile	5.06	41	43096	18.683	ug/l	95
42) 1,2-Dichloroethane	6.20	62	65357	18.495	ug/l	96
43) Isopropyl Acetate	6.46	43	113275	18.255	ug/l	96
44) Trichloroethene	7.21	130	48640	19.194	ug/l	97
45) 1,2-Dichloropropane	7.52	63	49432	19.765	ug/l	93
46) Dibromomethane	7.66	93	31214	19.324	ug/l	98
47) Bromodichloromethane	7.90	83	59202	18.884	ug/l	100
48) Methyl methacrylate	7.77	41	59082	19.544	ug/l	94
49) 1,4-Dioxane	7.75	88	25896	391.996	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	402614	96.543	ug/l	93
52) Toluene	8.79	92	112691	19.933	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	65435	19.313	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71286	19.542	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46280	19.417	ug/l	96
56) Ethyl methacrylate	9.18	69	67784	19.066	ug/l	91
57) 1,3-Dichloropropane	9.37	76	77257	19.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	201350	101.403	ug/l	94
59) 2-Hexanone	9.49	43	318012	96.717	ug/l	91
60) Dibromochloromethane	9.59	129	47491	19.097	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48076	19.497	ug/l	99
64) Tetrachloroethene	9.34	164	50287	19.392	ug/l	98
65) Chlorobenzene	10.14	112	126844	19.068	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	45071	18.582	ug/l	99
67) Ethyl Benzene	10.25	91	213025	19.464	ug/l	96
68) m/p-Xylenes	10.36	106	165567	38.992	ug/l	93
69) o-Xylene	10.70	106	78101	19.550	ug/l	93
70) Styrene	10.71	104	130193	19.468	ug/l	95
71) Bromoform	10.86	173	38387	17.736	ug/l #	99
73) Isopropylbenzene	11.02	105	218016	20.307	ug/l	99
74) N-amyl acetate	10.90	43	101236	19.031	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	74161	18.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70151m	19.610	ug/l	
77) Bromobenzene	11.26	156	58575	19.577	ug/l	98
78) n-propylbenzene	11.36	91	252897	20.601	ug/l	99
79) 2-Chlorotoluene	11.42	91	151811	19.945	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	187269	20.391	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	20840	18.300	ug/l	92
82) 4-Chlorotoluene	11.51	91	180350	20.094	ug/l	99
83) tert-Butylbenzene	11.77	119	181132	19.786	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	193136	20.750	ug/l	97
85) sec-Butylbenzene	11.94	105	221960	20.319	ug/l	98
86) p-Isopropyltoluene	12.07	119	201698	20.655	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	108864	19.349	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	111355	18.922	ug/l	98
89) n-Butylbenzene	12.39	91	175490	19.906	ug/l	98
90) Hexachloroethane	12.60	117	31495	18.700	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	108933	19.137	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17792	18.578	ug/l	93

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX1024WBS01

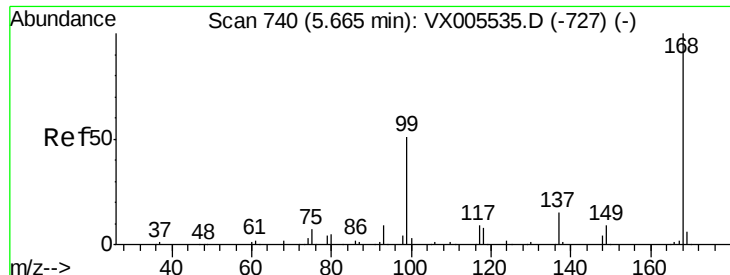
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81598	19.775	ug/l	99
94) Hexachlorobutadiene	13.79	225	41126	19.232	ug/l	96
95) Naphthalene	13.83	128	239611	19.977	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83221	19.896	ug/l	98

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



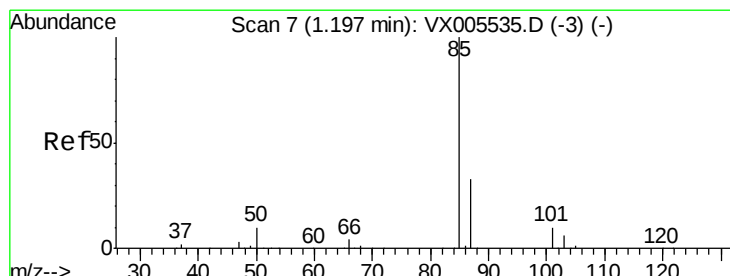
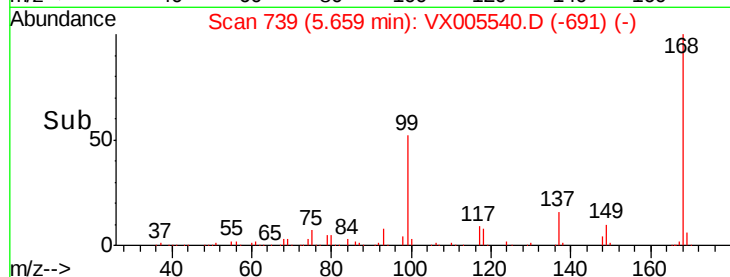
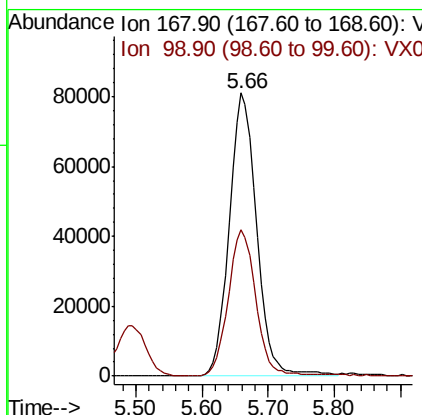
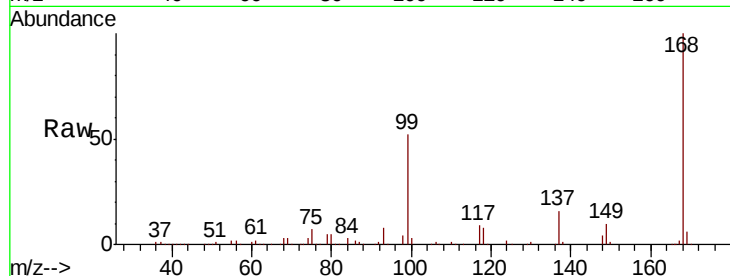
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	232735		
99	51.5	39.9	59.9	

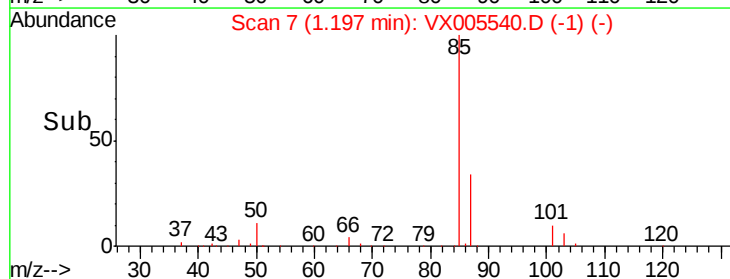
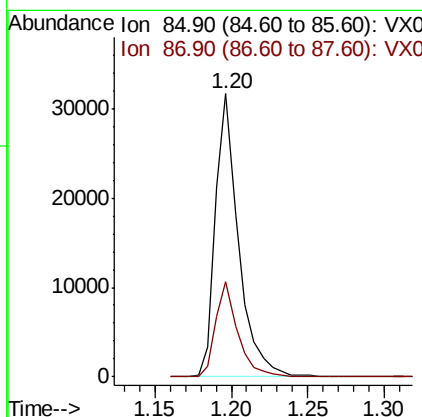
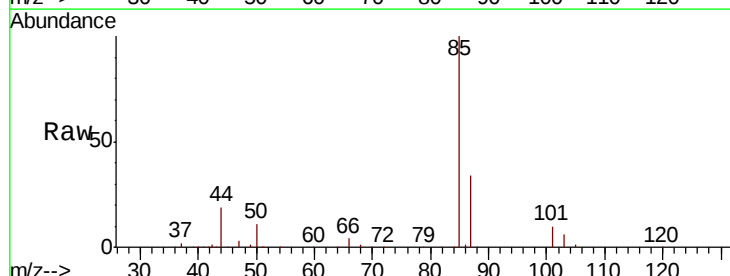
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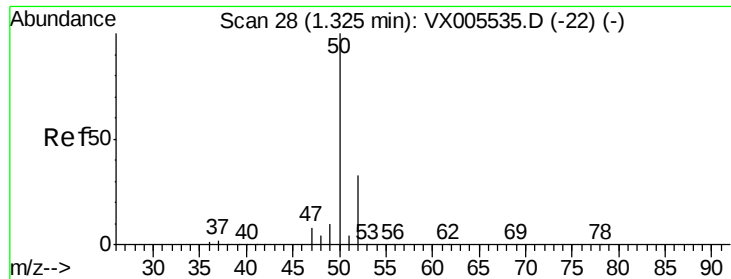
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#2
Dichlorodifluoromethane
Concen: 14.469 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	33239		
87	33.7	17.0	50.9	





#3

Chloromethane

Concen: 16.507 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion: 50 Resp: 48291

Ion Ratio Lower Upper

50 100

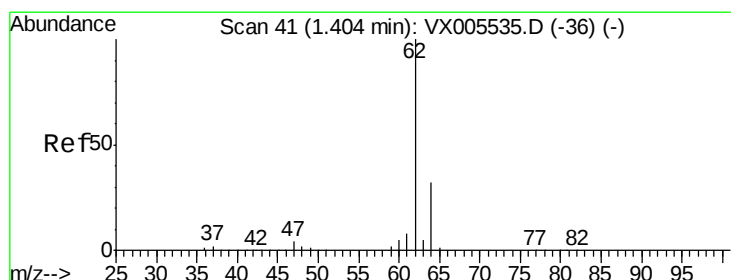
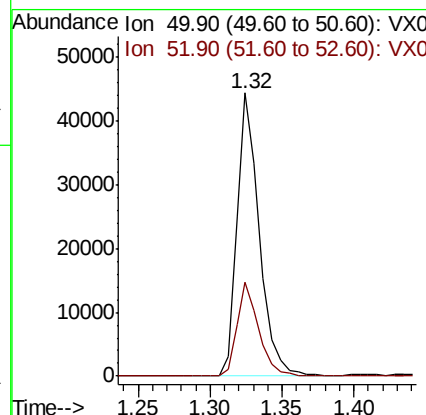
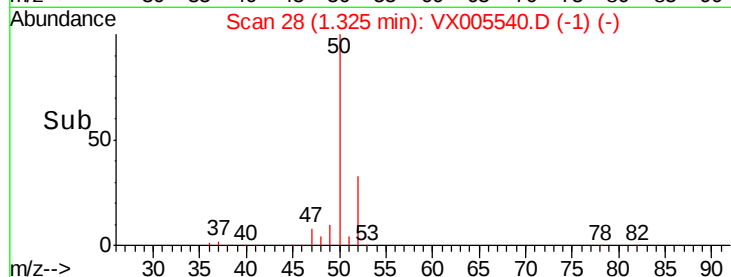
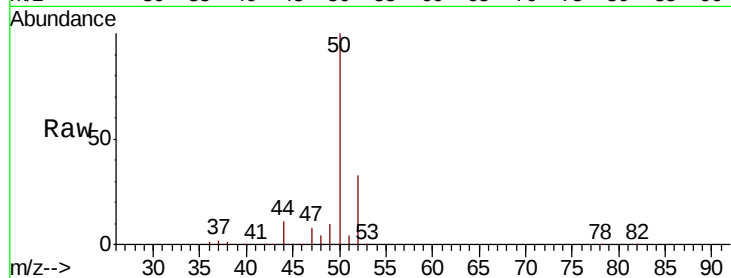
52 33.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 16.723 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005540.D

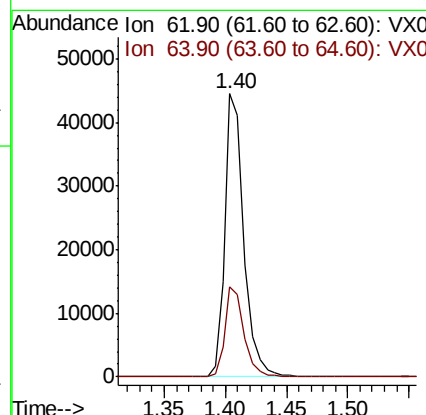
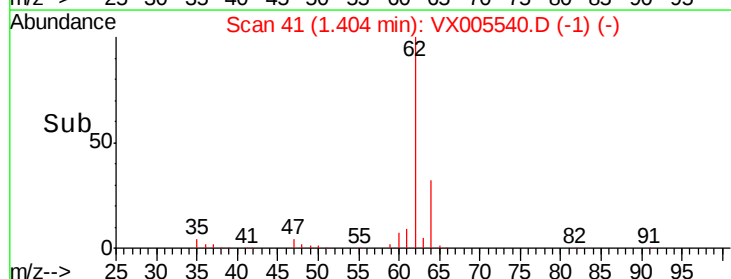
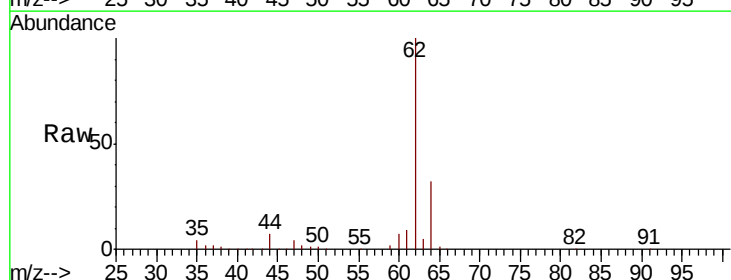
Acq: 24 Oct 2018 14:37

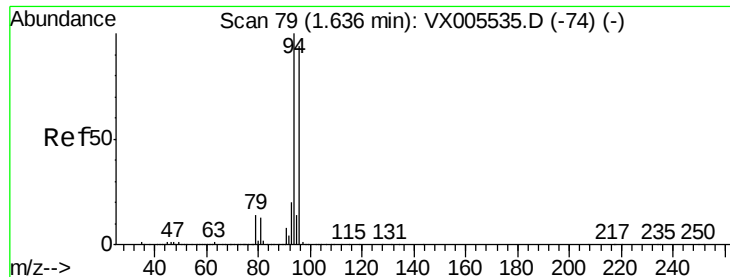
Tgt Ion: 62 Resp: 48106

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 16.987 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion: 94 Resp: 30406

Ion Ratio Lower Upper

94 100

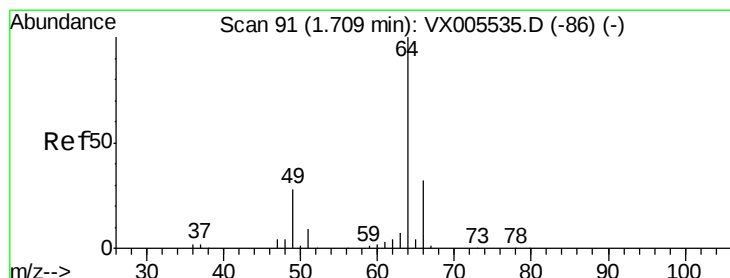
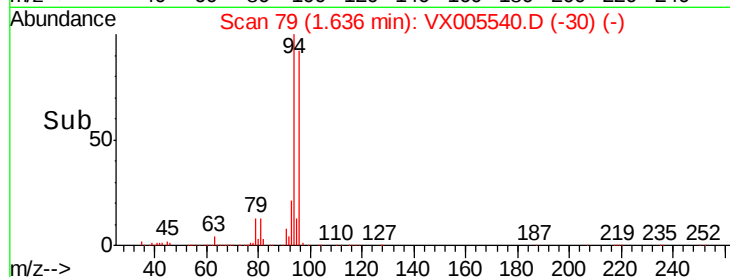
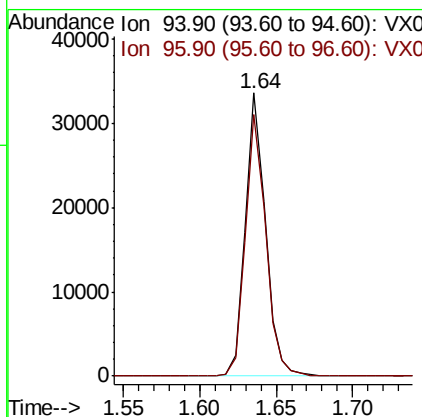
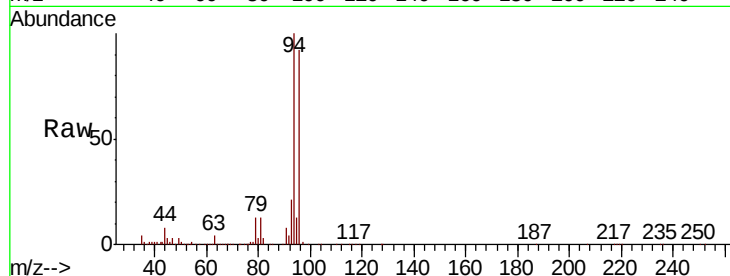
96 92.5 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 17.181 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005540.D

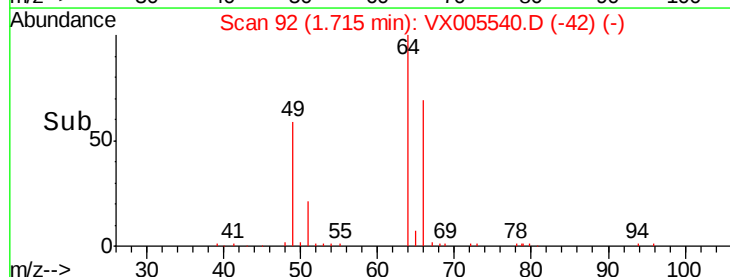
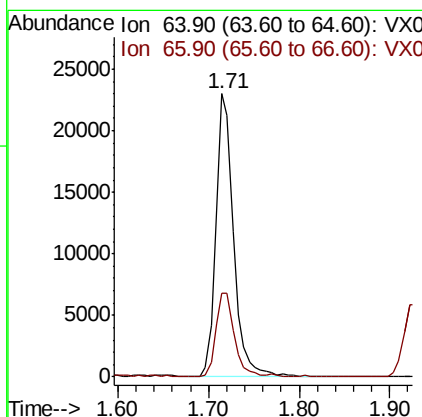
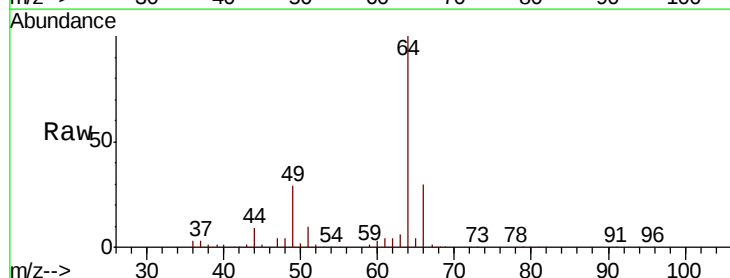
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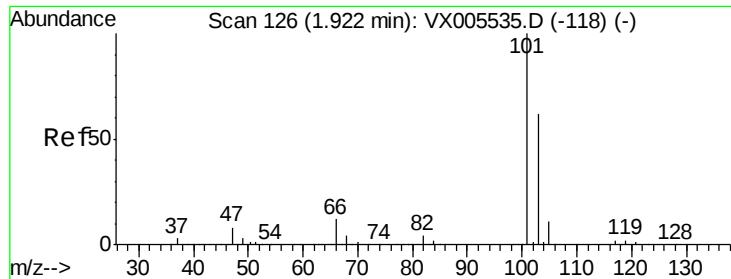
Tgt Ion: 64 Resp: 31573

Ion Ratio Lower Upper

64 100

66 29.7 24.6 36.8





#7

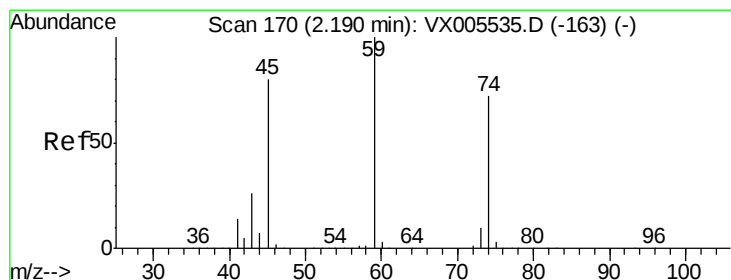
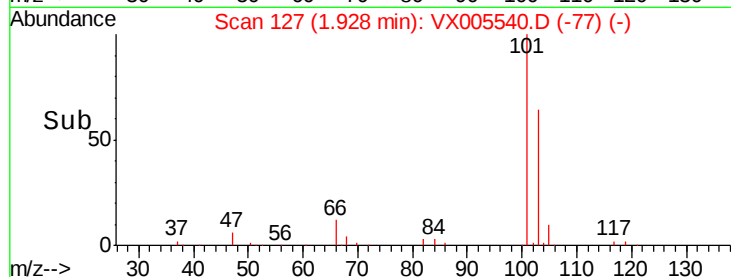
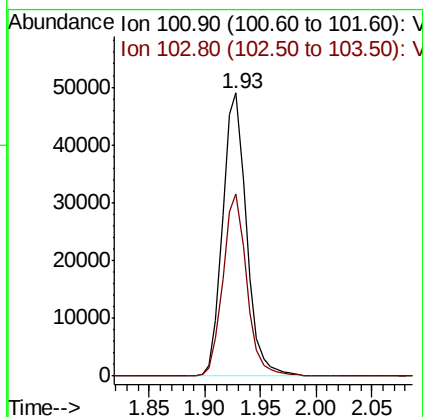
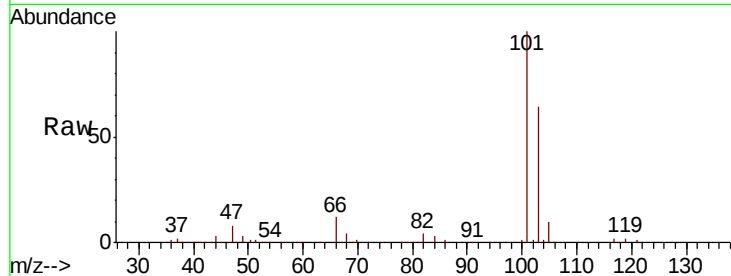
Trichlorofluoromethane
 Concen: 18.197 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
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 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	48.9	73.3

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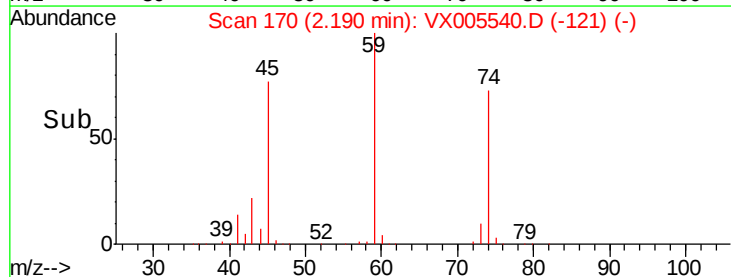
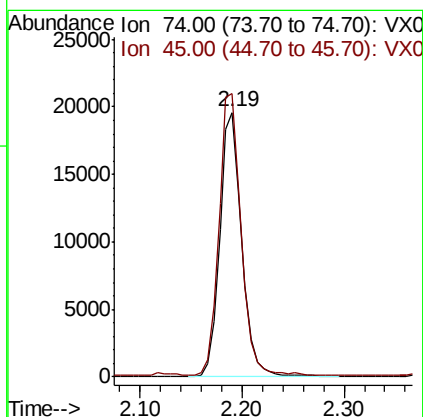
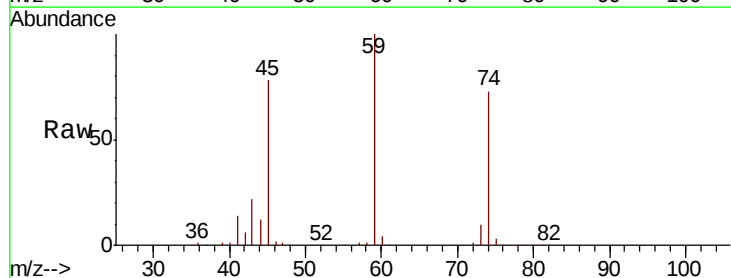
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#8

Diethyl Ether
 Concen: 18.444 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.801 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

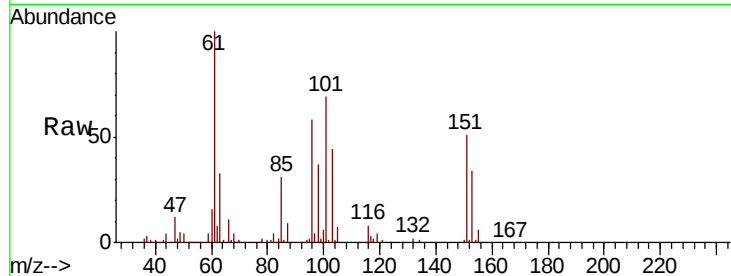
ClientSampleId :

VX1024WBS01

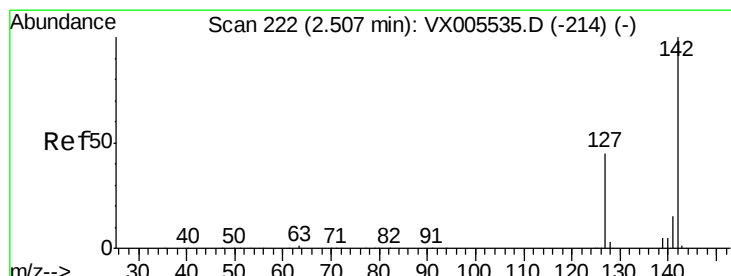
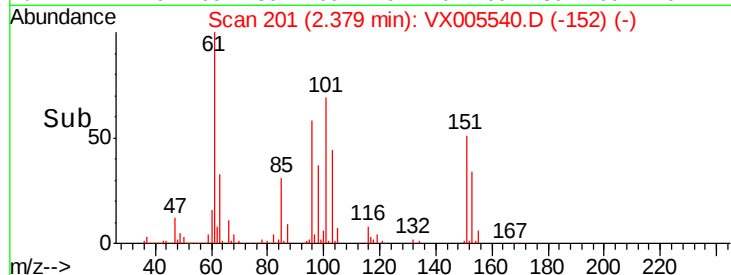
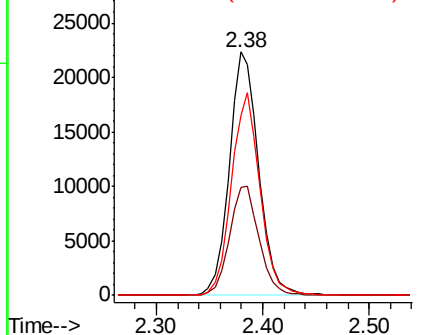
Tot Ion:	101	Resp:	43118
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.2	51.4
151	81.0	65.0	97.6

Manual Integrations
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10/26/2018 11:53:31 AM



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.182 ug/l

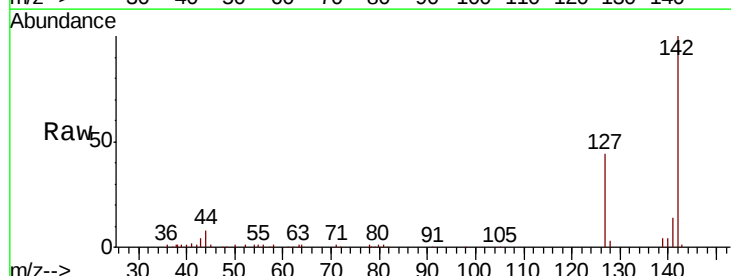
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

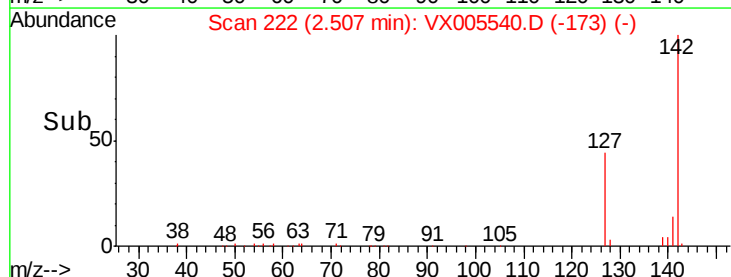
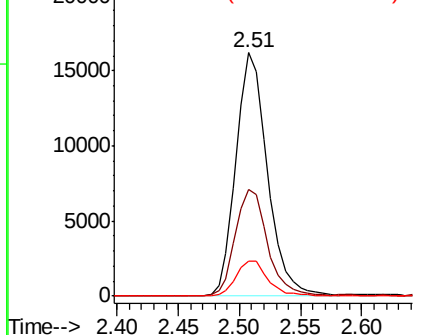
Lab File: VX005540.D

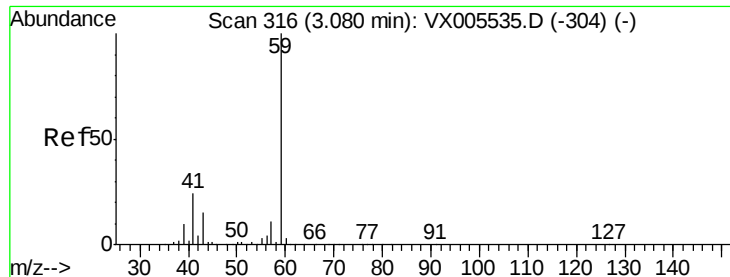
Acq: 24 Oct 2018 14:37

Tgt Ion:	142	Resp:	29021
Ion Ratio	Lower	Upper	
142	100		
127	44.7	33.8	50.6
141	14.3	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





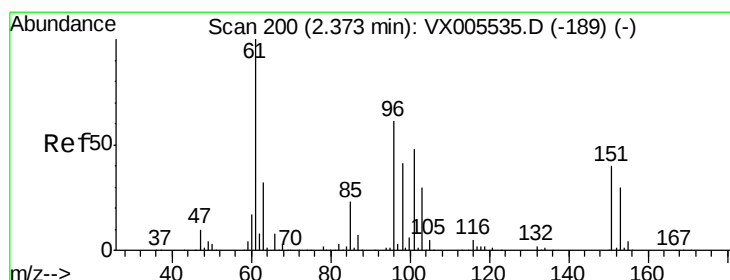
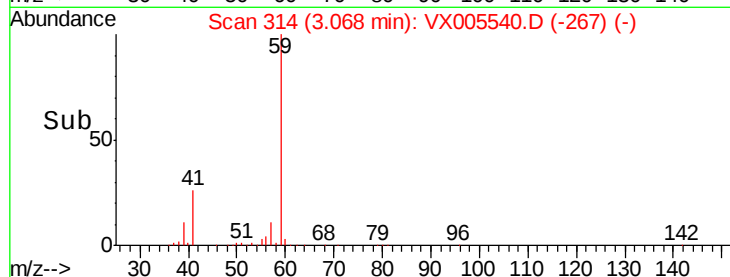
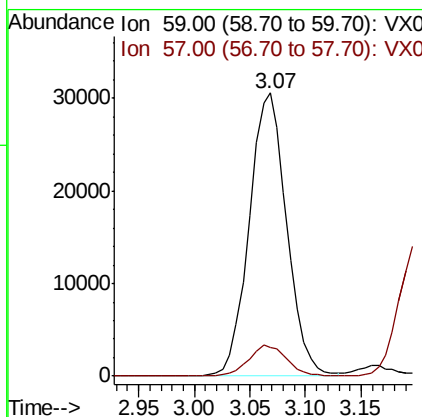
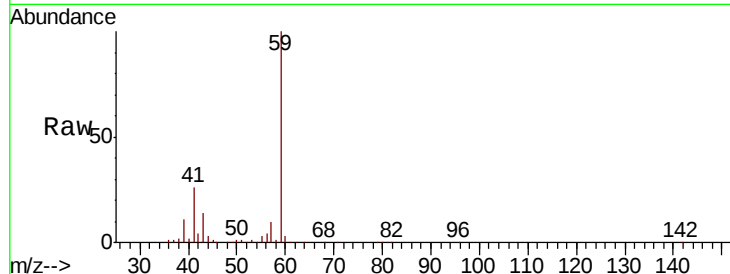
#11
Tert butyl alcohol
Concen: 93.790 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion: 59 Resp: 71702
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4

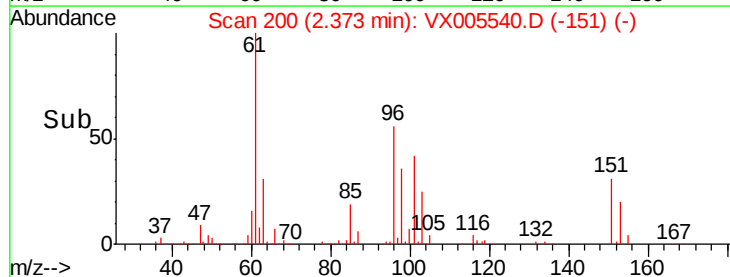
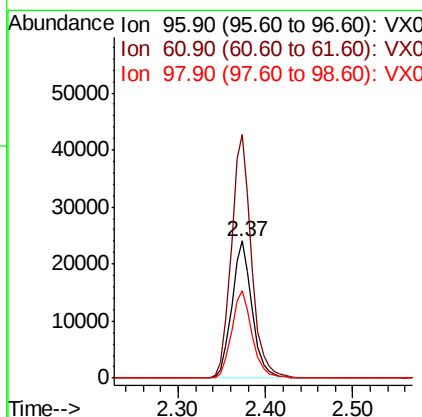
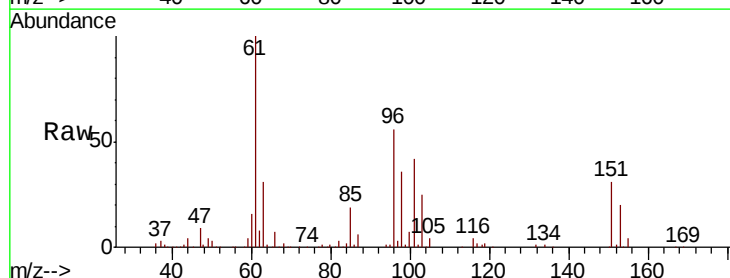
Manual Integrations
APPROVED

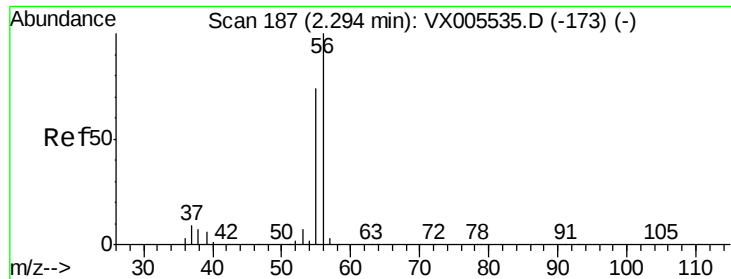
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.783 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 96 Resp: 38851
Ion Ratio Lower Upper
96 100
61 177.7 128.8 193.2
98 64.2 52.2 78.2





#13

Acrolein

Concen: 96.931 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion: 56 Resp: 37801

Ion Ratio Lower Upper

56 100

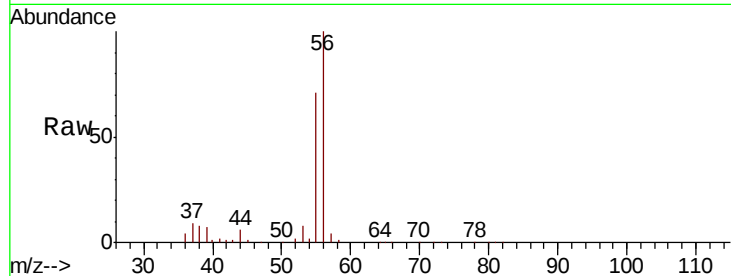
55 71.5 54.7 82.1

Manual Integrations

APPROVED

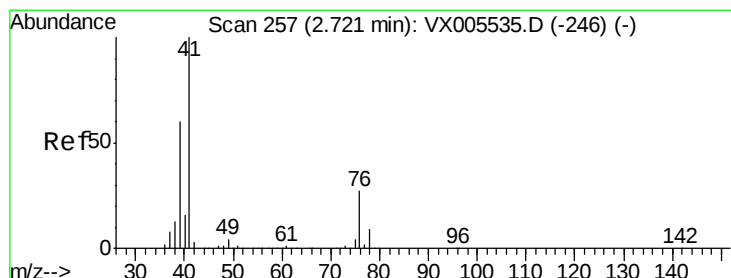
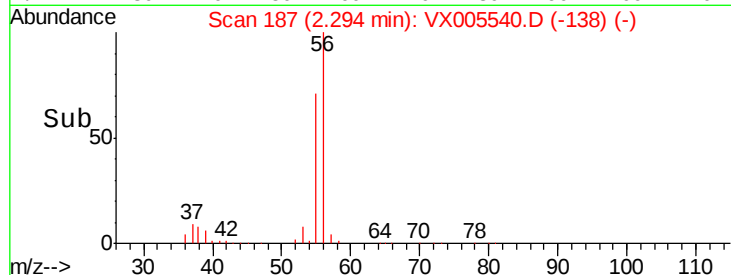
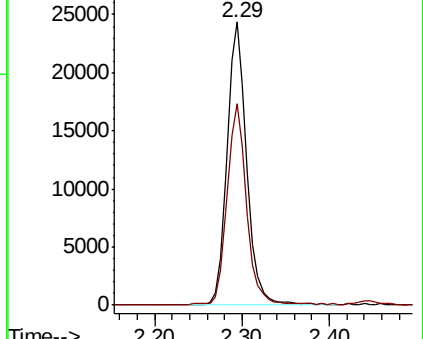
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.532 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

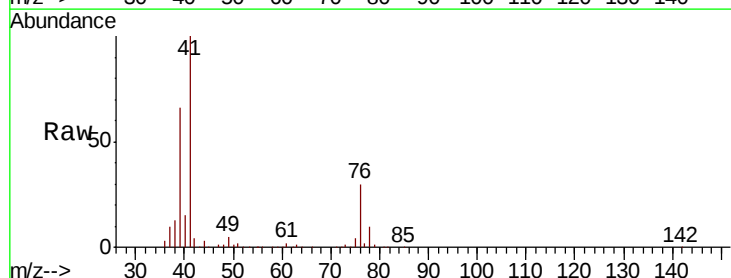
Tgt Ion: 41 Resp: 90356

Ion Ratio Lower Upper

41 100

39 60.5 48.9 73.3

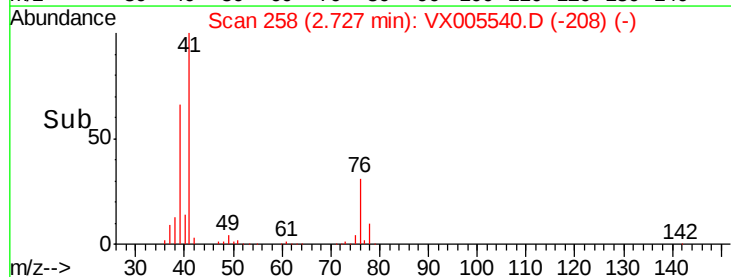
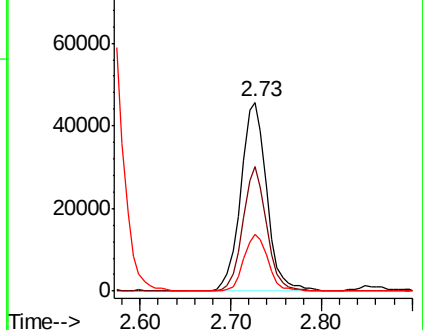
76 28.3 26.7 40.1

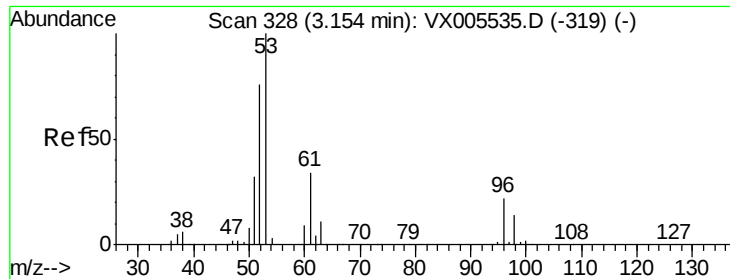


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.288 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

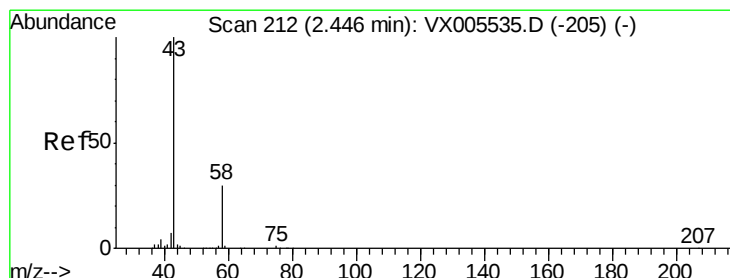
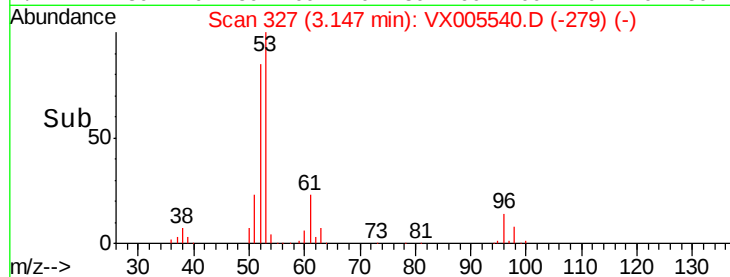
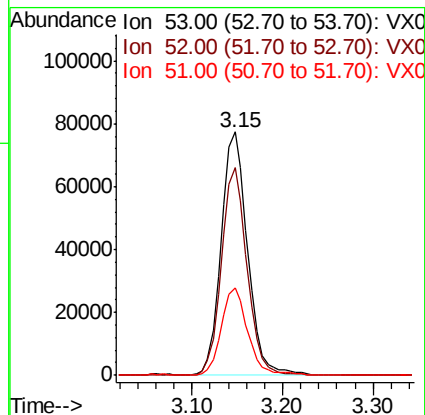
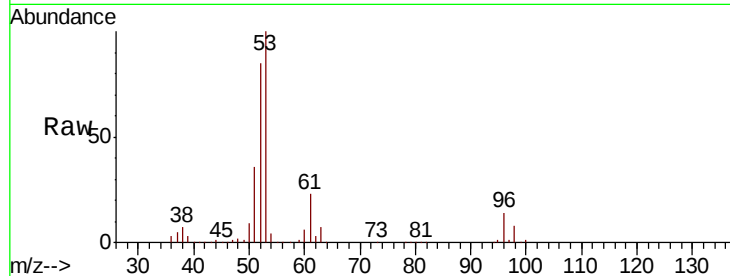
ClientSampleId :

VX1024WBS01

Tot Ion:	53	Resp:	156495
Ion Ratio		Lower	Upper
53	100		
52	83.1	65.2	97.8
51	36.1	28.2	42.2

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#16

Acetone

Concen: 92.072 ug/l

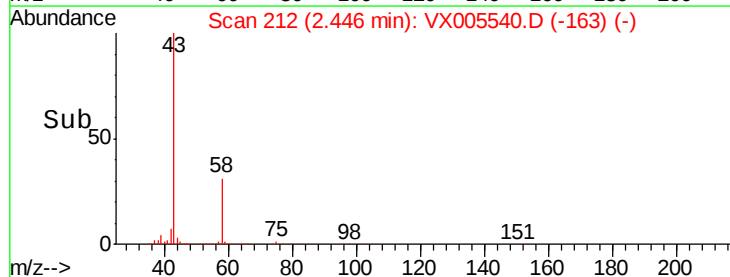
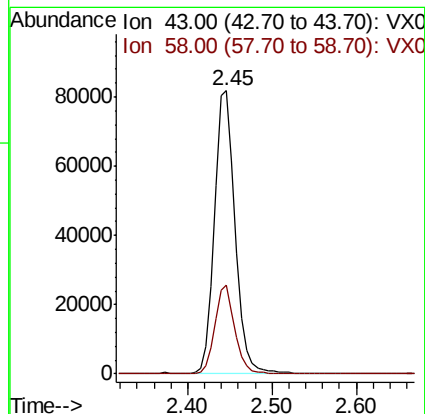
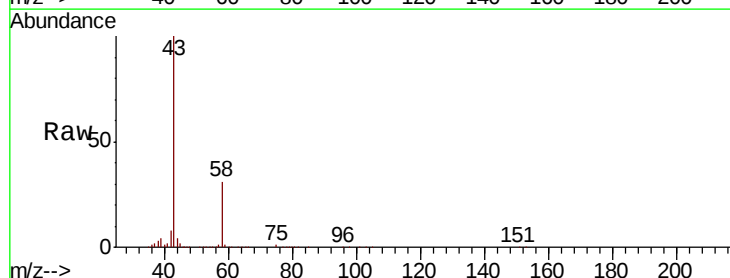
RT: 2.45 min Scan# 212

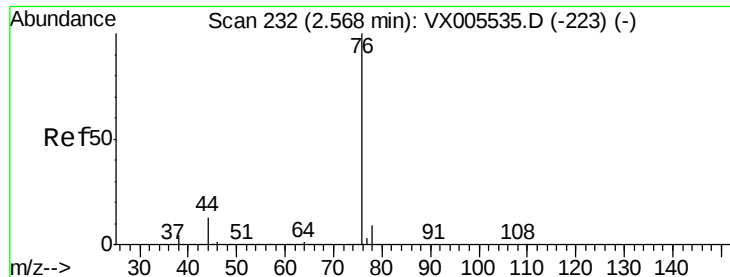
Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion:	43	Resp:	138219
Ion Ratio		Lower	Upper
43	100		
58	31.3	26.2	39.4





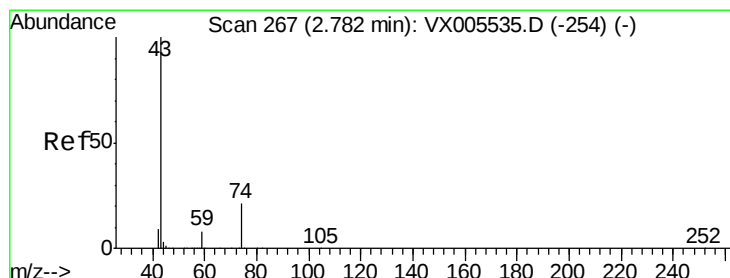
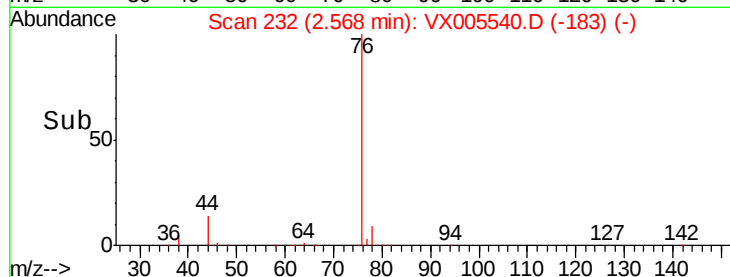
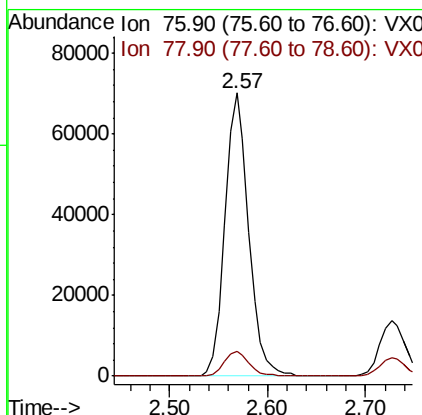
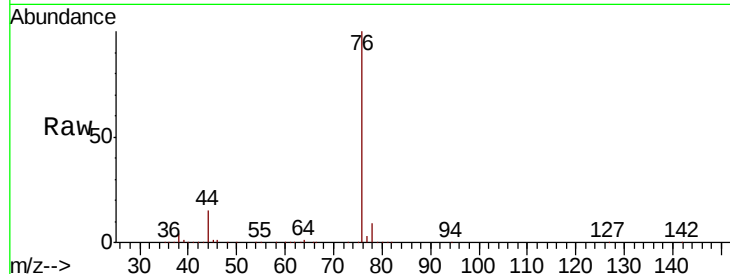
#17
Carbon Disulfide
Concen: 17.685 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

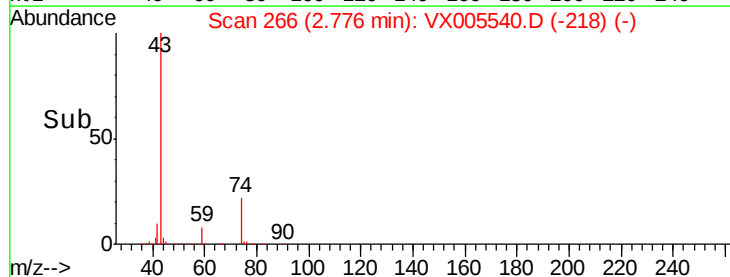
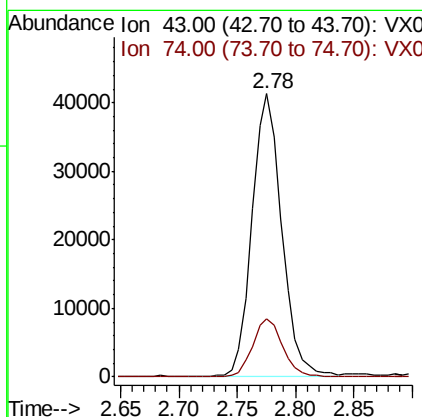
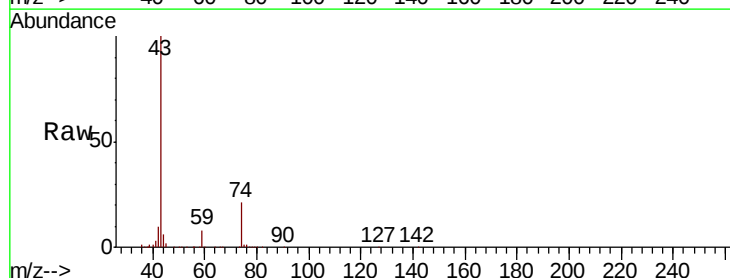
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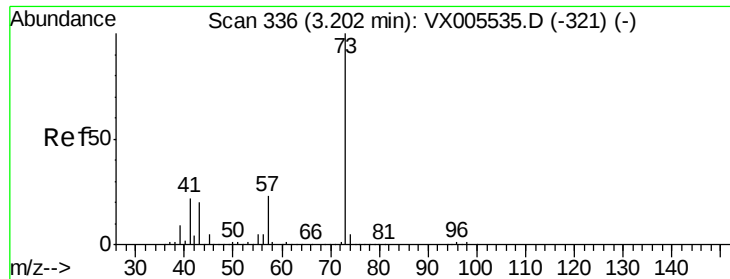
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#18
Methyl Acetate
Concen: 18.836 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	19.4	29.2





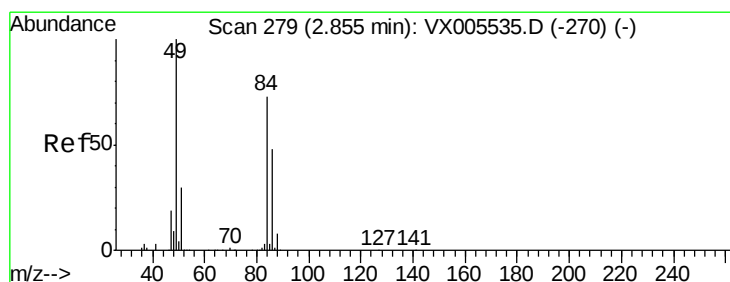
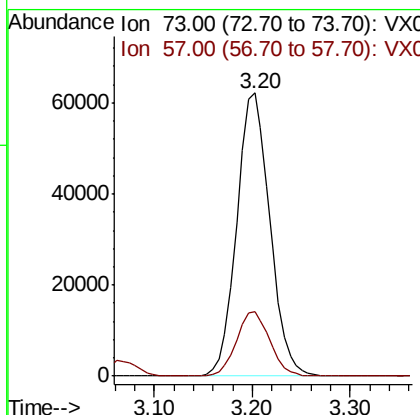
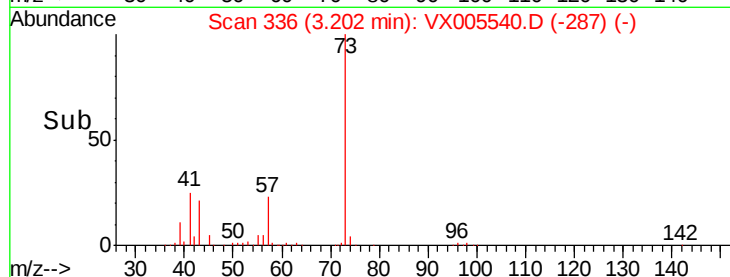
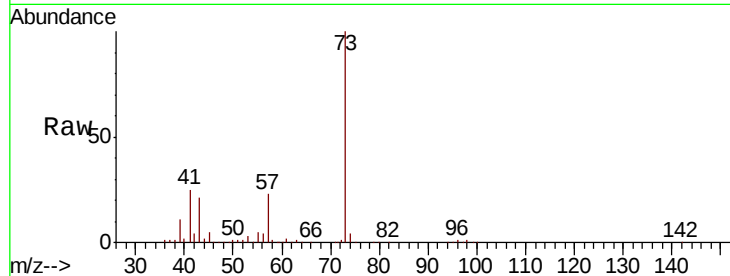
#19
Methvl tert-butvl Ether
Concen: 18.760 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.1	25.7

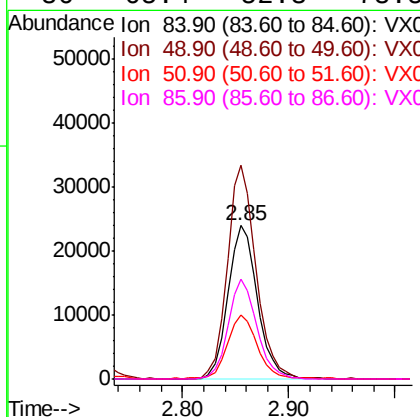
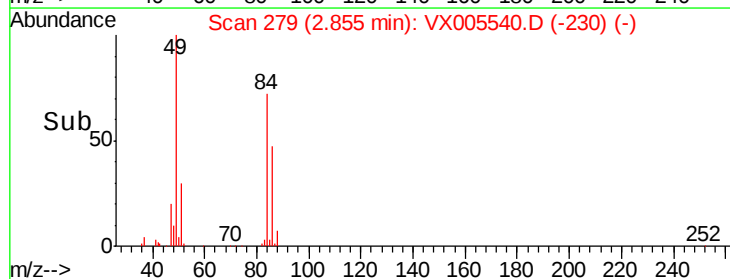
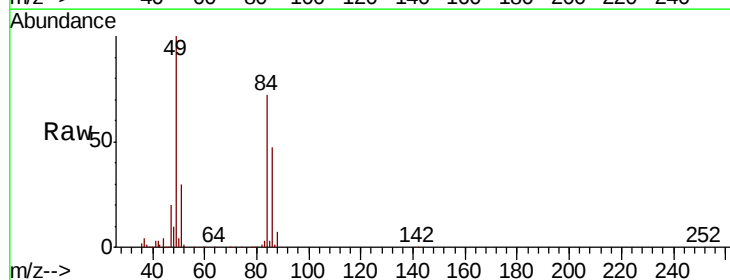
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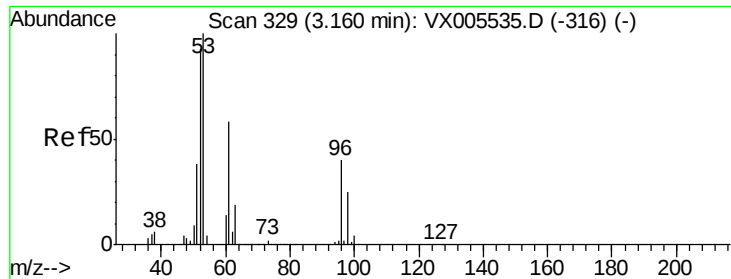
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#20
Methylene Chloride
Concen: 18.419 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.3	101.2	151.8
51	41.3	29.5	44.3
86	65.4	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 18.496 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

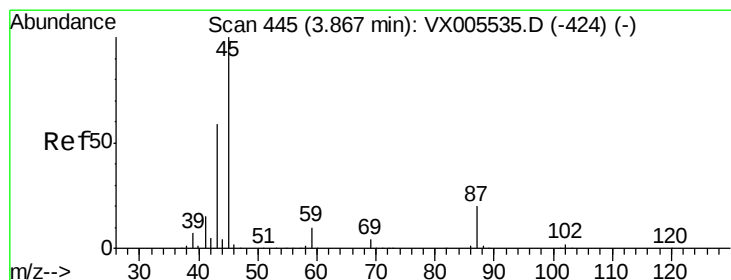
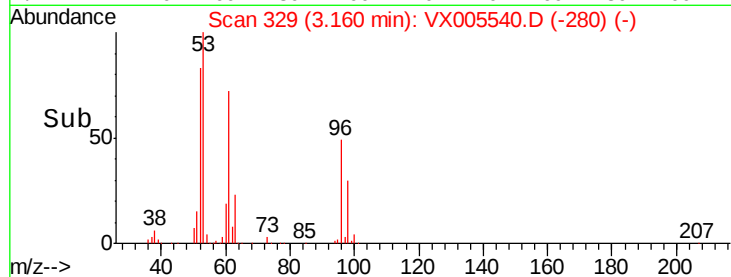
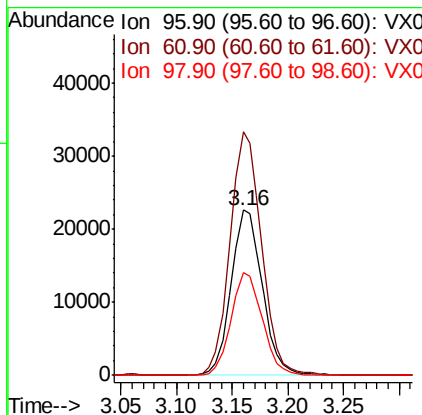
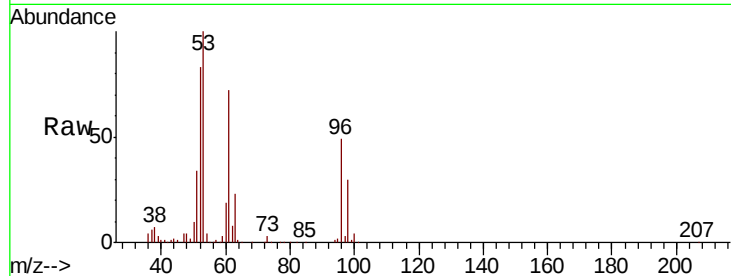
ClientSampleId :

VX1024WBS01

Tot Ion:	96	Resp:	44119
Ion	Ratio	Lower	Upper
96	100		
61	147.4	113.8	170.6
98	61.9	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.189 ug/l

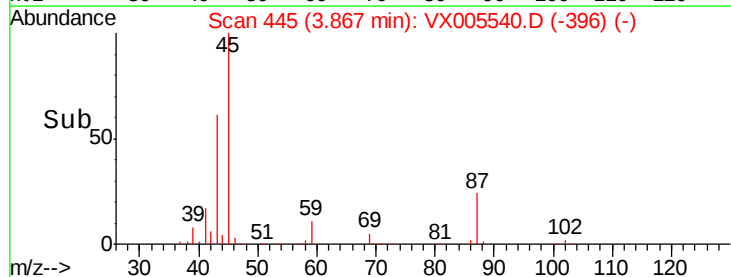
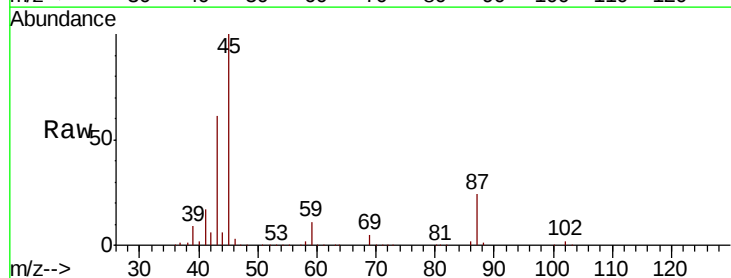
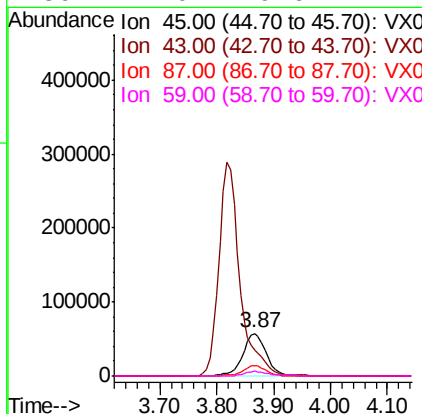
RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion:	45	Resp:	163382
Ion	Ratio	Lower	Upper
45	100		
43	60.8	42.8	64.2
87	23.8	22.6	34.0
59	11.0	9.6	14.4





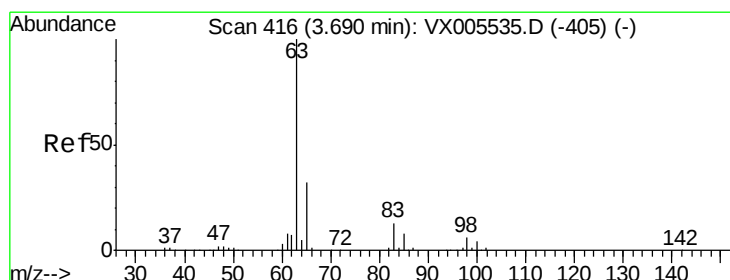
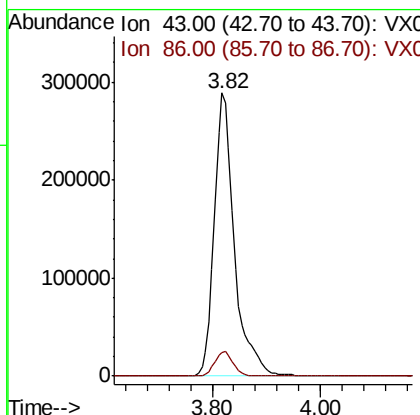
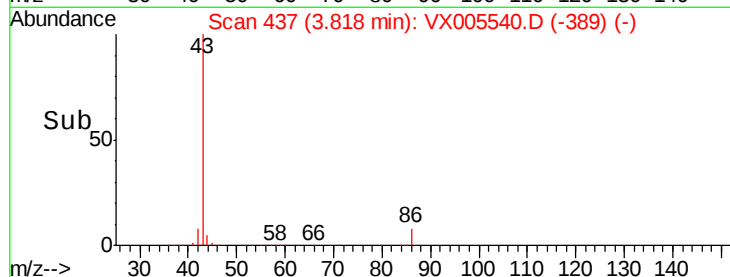
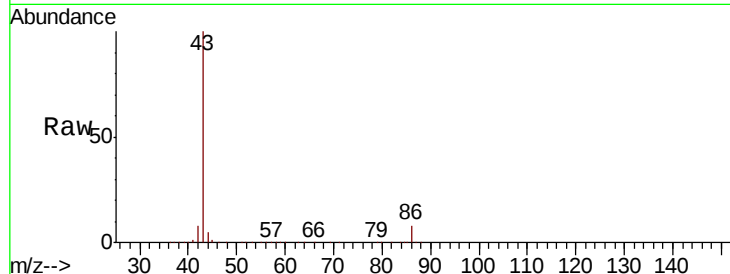
#23
 Vinyl Acetate
 Concen: 99.040 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	8.5	8.9	13.3#

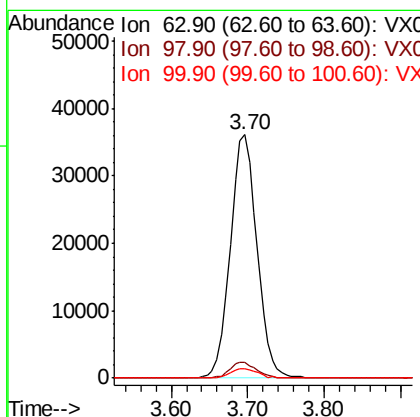
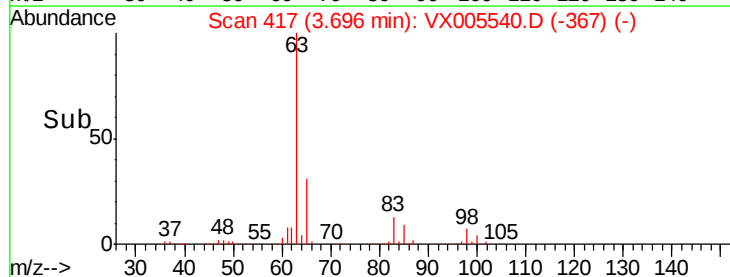
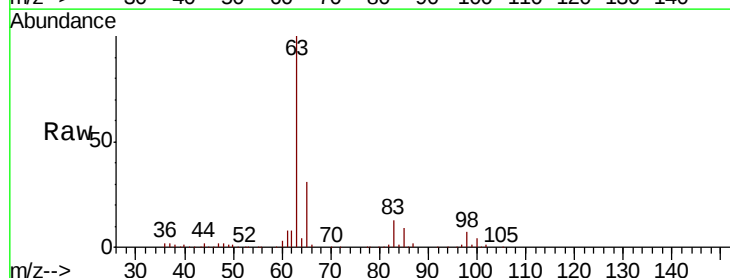
Manual Integrations
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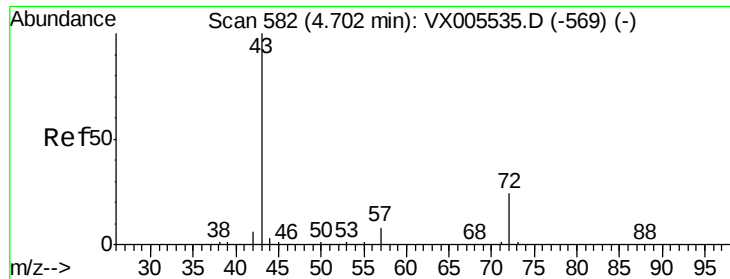
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 18.781 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.4
100	4.0	2.4	7.1





#25

2-Butanone

Concen: 91.559 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tot Ion: 43 Resp: 209308

Ion Ratio Lower Upper

43 100

72 23.8 22.0 33.0

Instrument :

MSVOA_X

ClientSampleId :

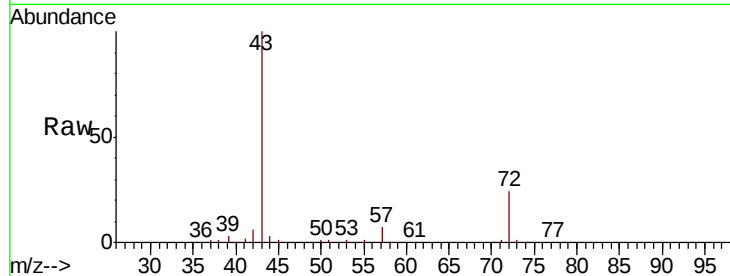
VX1024WBS01

Manual Integrations

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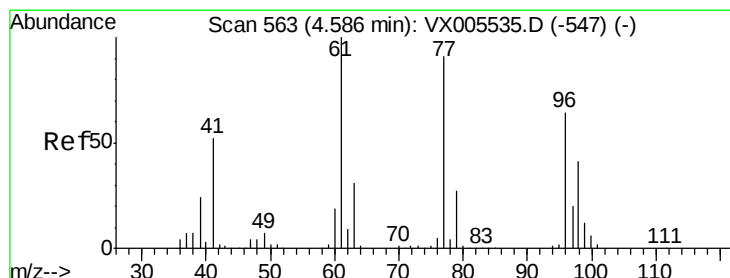
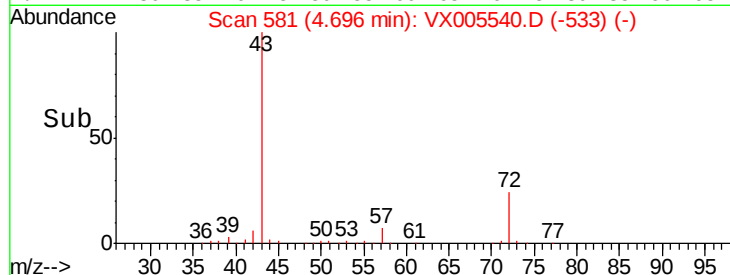
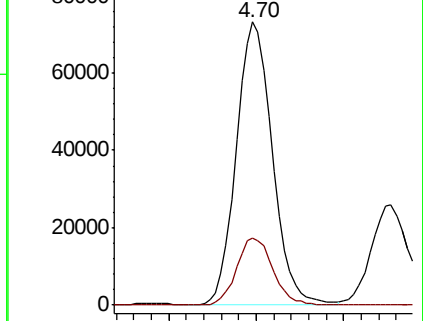
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.389 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005540.D

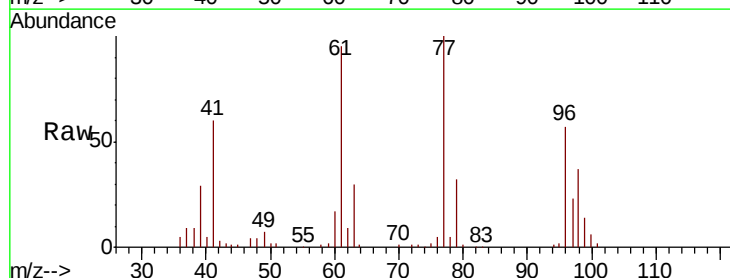
Acq: 24 Oct 2018 14:37

Tgt Ion: 77 Resp: 65720

Ion Ratio Lower Upper

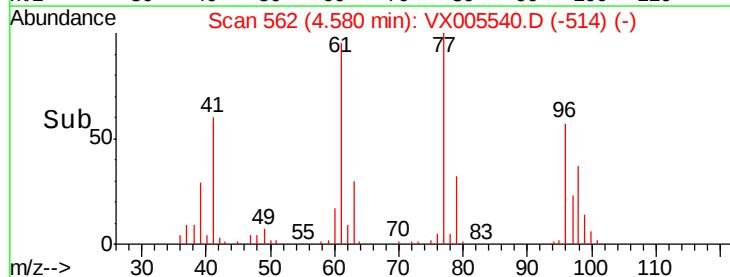
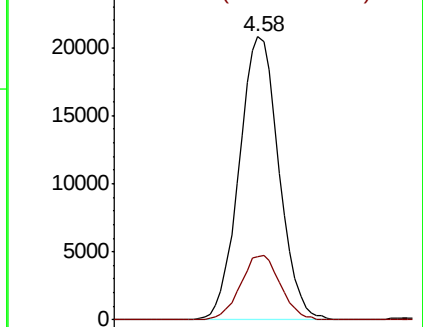
77 100

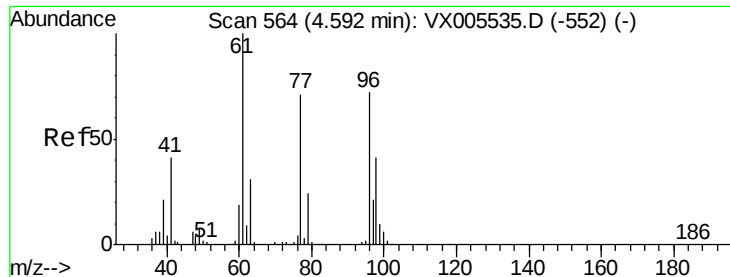
97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

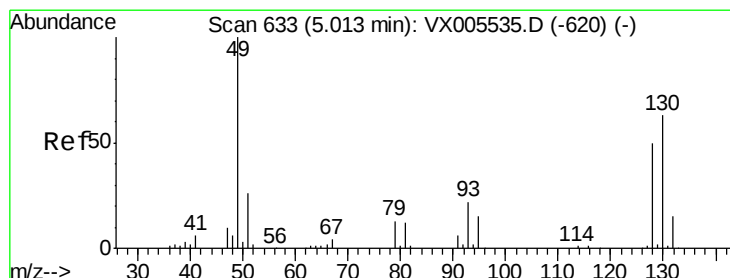
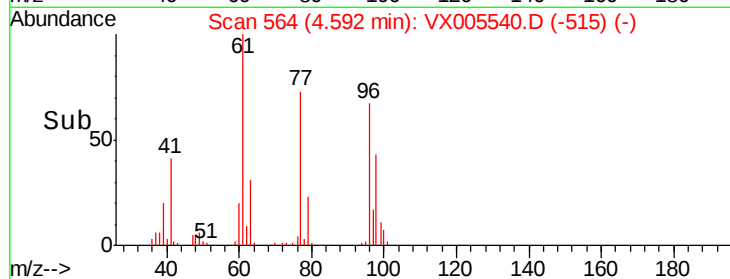
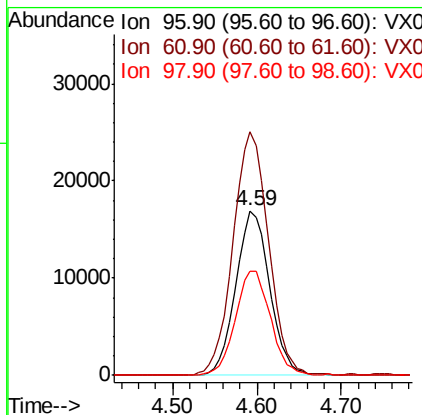
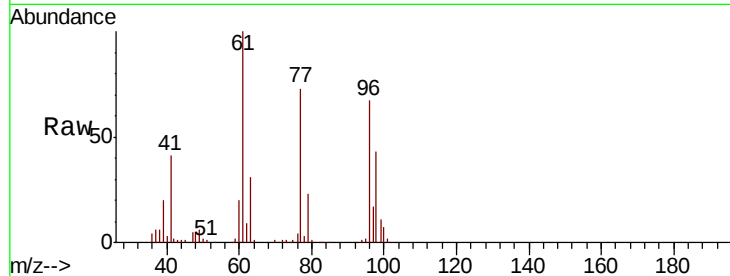
cis-1,2-Dichloroethene
Concen: 17.937 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.2	0.0	282.6	
98	65.2	0.0	130.2	

Manual Integrations
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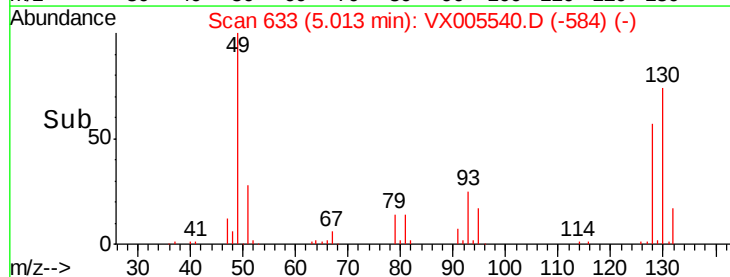
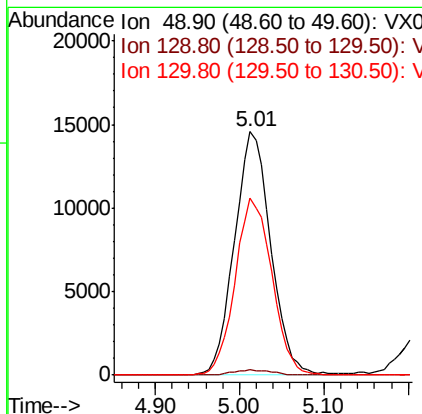
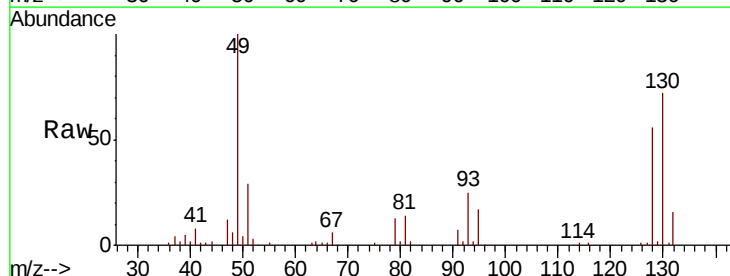
MMDadoda
10/26/2018 11:53:31 AM

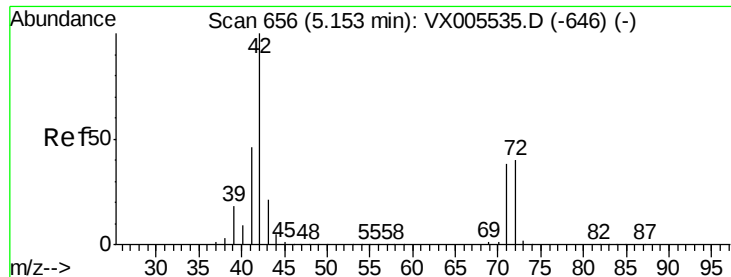


#28

Bromochloromethane
Concen: 19.049 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	73.1	67.5	101.3	





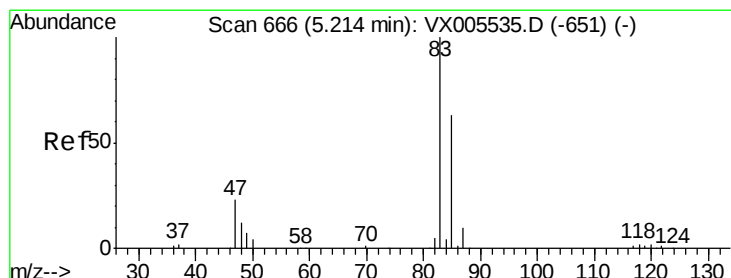
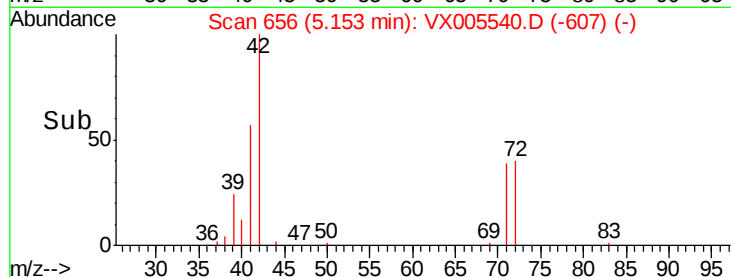
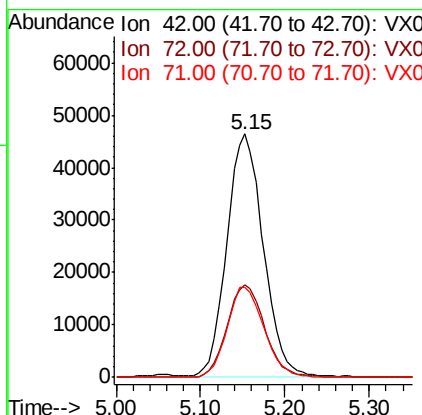
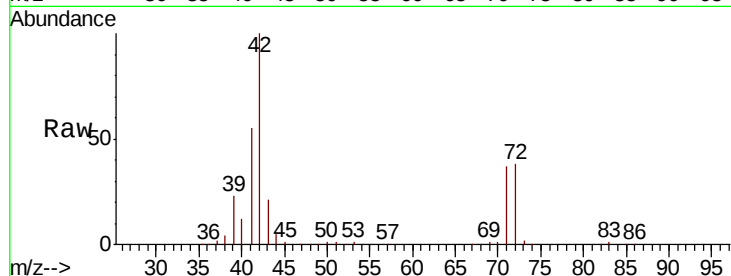
#29
Tetrahydrofuran
Concen: 91.065 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	37.4	56.0
71	37.9	34.5	51.7

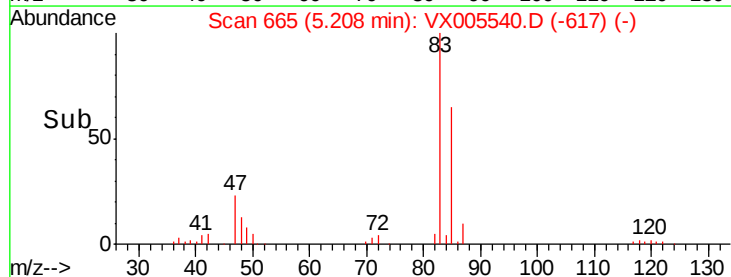
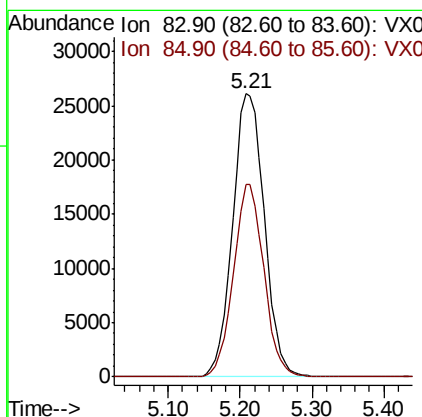
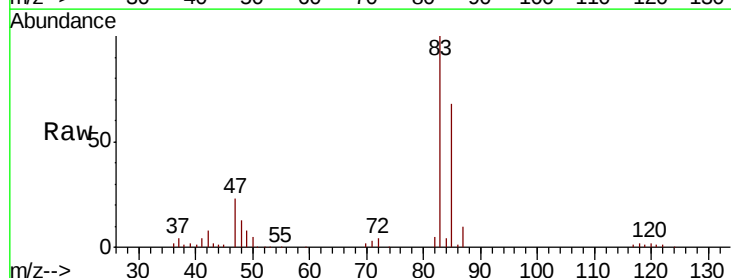
Manual Integrations
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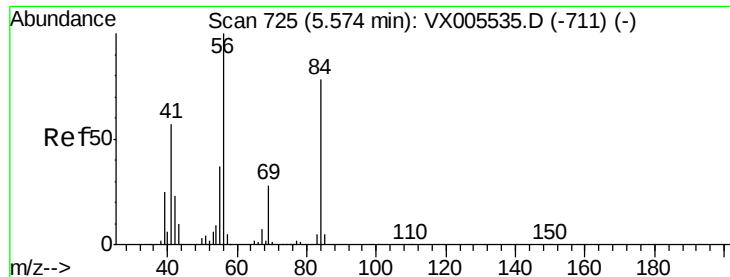
MMDadoda
10/26/2018 11:53:31 AM



#30
Chloroform
Concen: 18.427 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	52.6	79.0





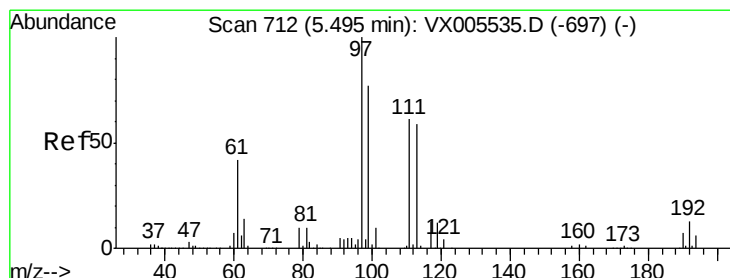
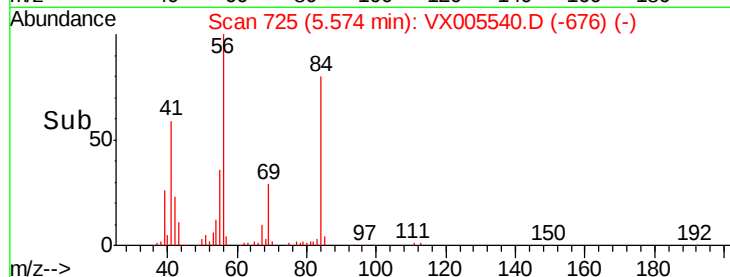
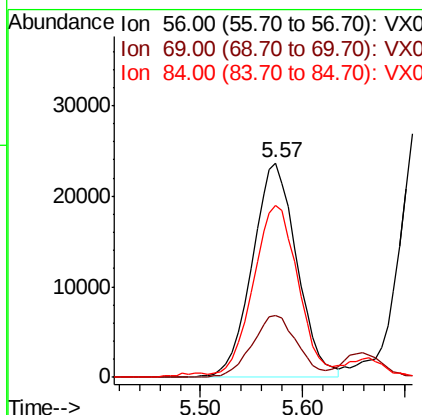
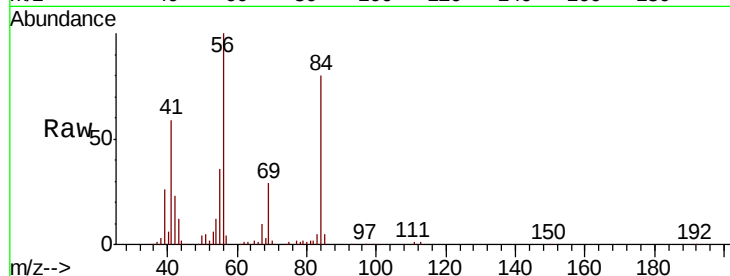
#31
Cyclohexane
Concen: 18.735 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.4	38.2
84	78.6	71.4	107.2

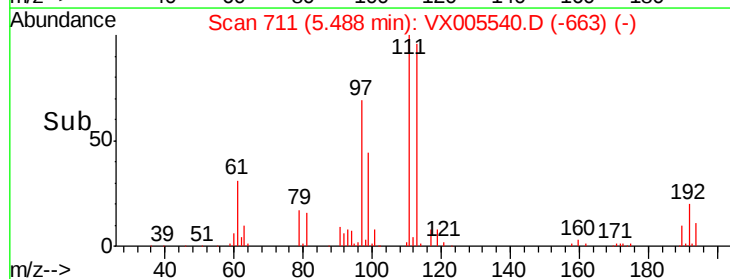
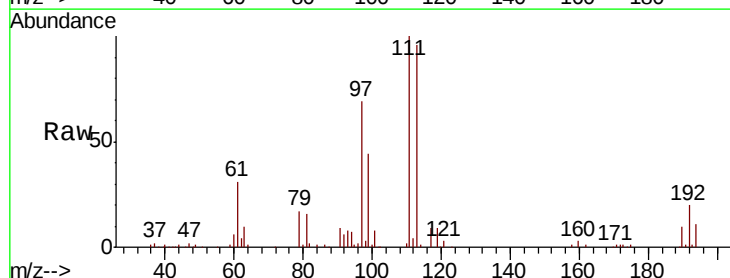
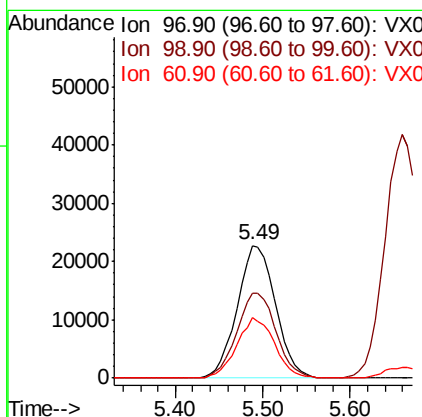
Manual Integrations
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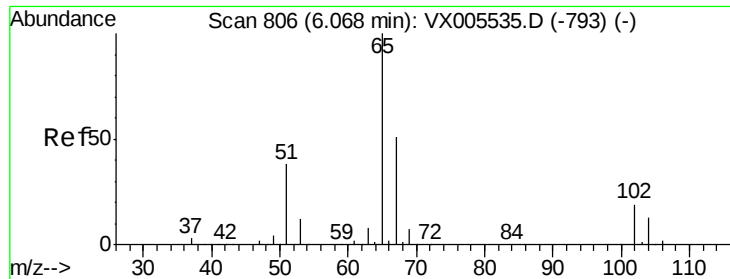
MMDadoda
10/26/2018 11:53:31 AM



#32
1,1,1-Trichloroethane
Concen: 18.116 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.0	78.0
61	45.4	34.9	52.3





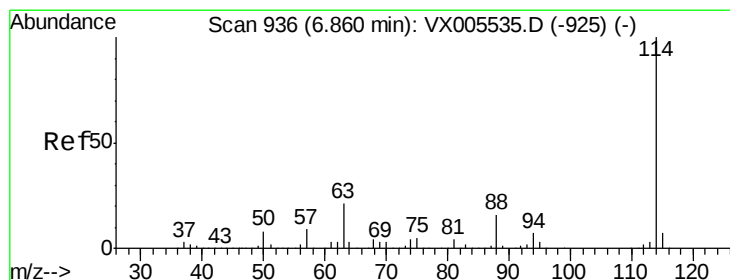
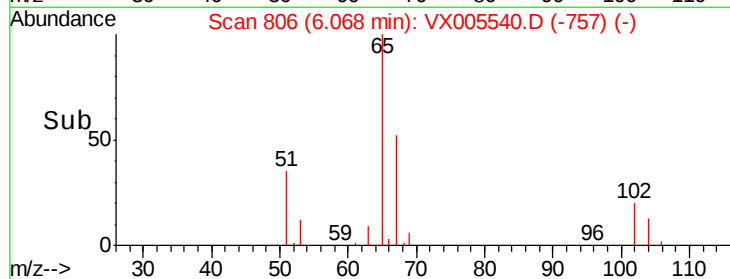
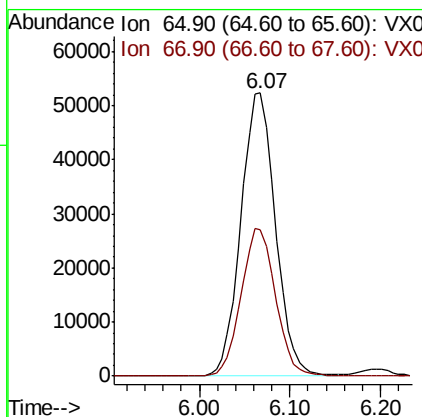
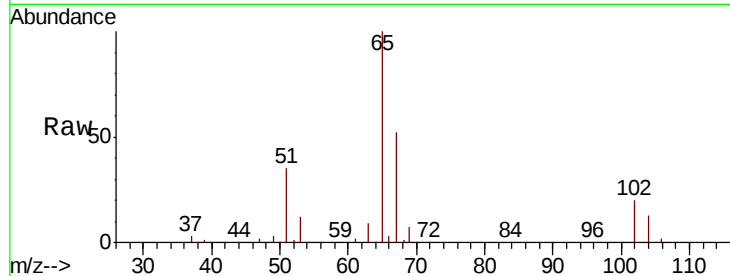
#33
 1,2-Dichloroethane-d4
 Concen: 48.678 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138292		
67	52.1	0.0	106.8	

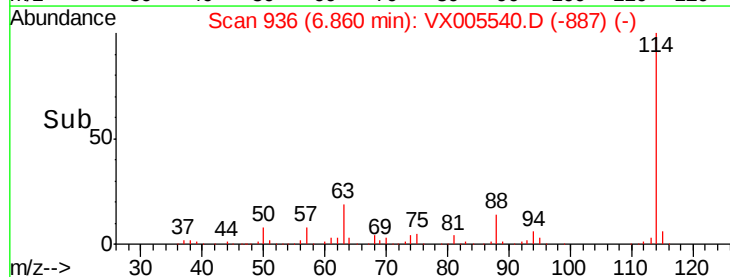
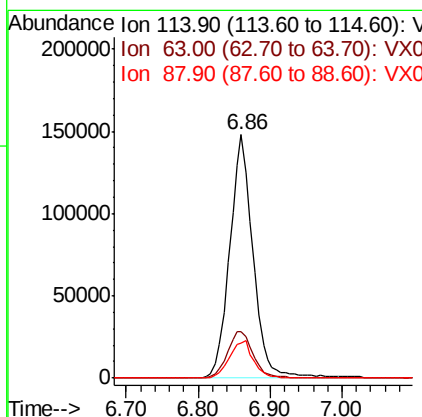
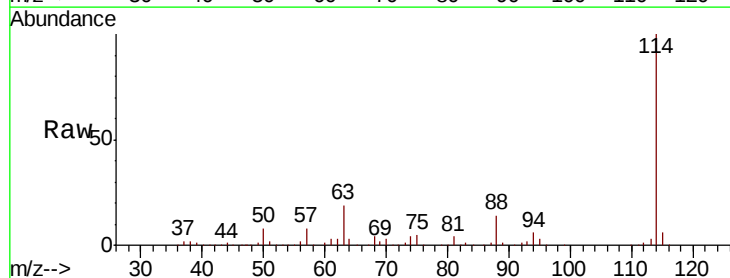
Manual Integrations
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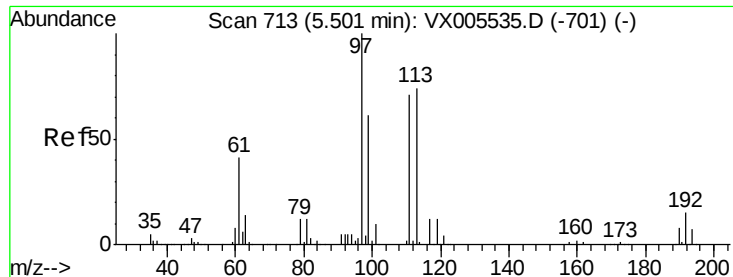
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	334382		
63	19.1	0.0	39.0	
88	14.3	0.0	30.4	





#35

Dibromofluoromethane

Concen: 47.555 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

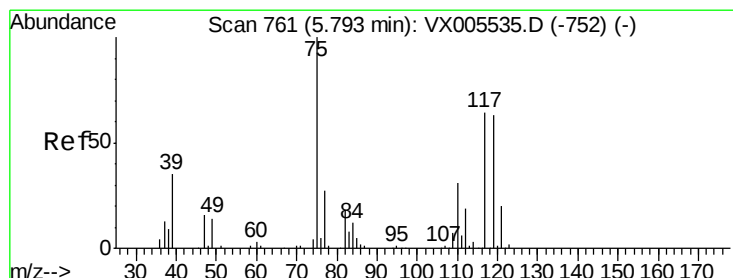
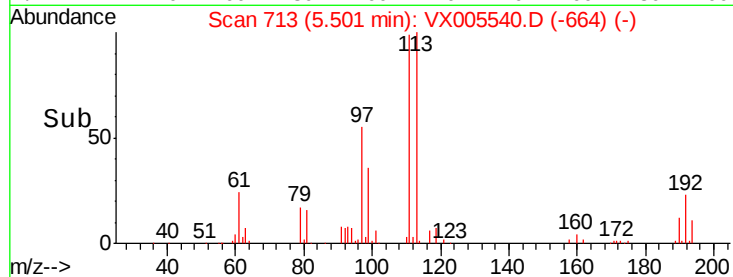
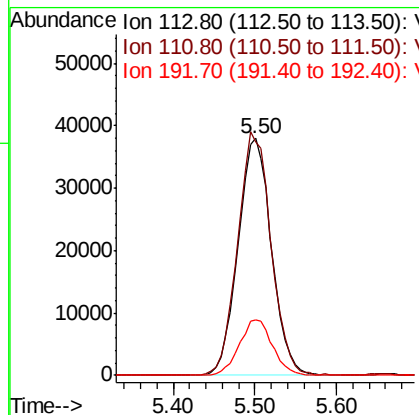
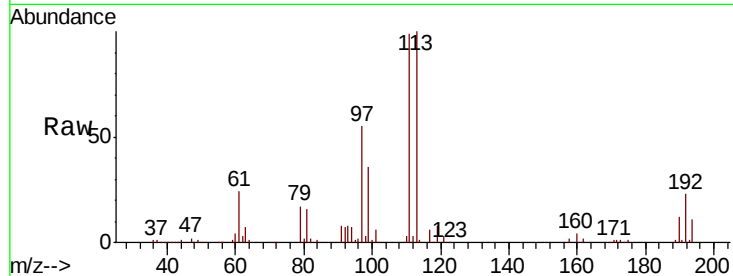
ClientSampleId :

VX1024WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107671		
111	102.5	82.4	123.6	
192	23.3	19.4	29.2	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.548 ug/l

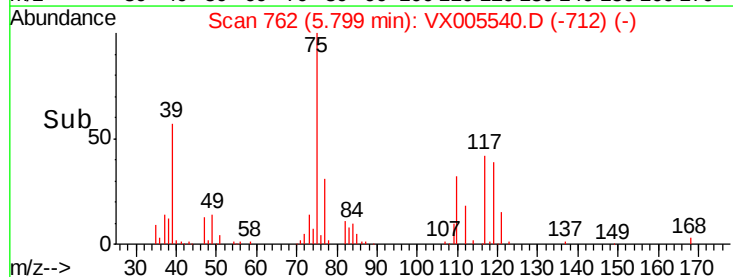
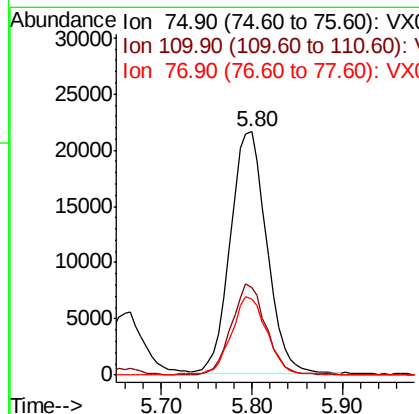
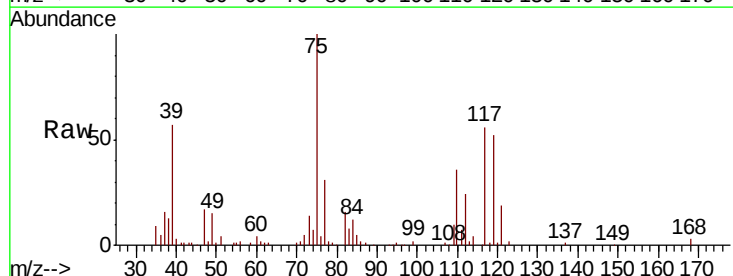
RT: 5.80 min Scan# 762

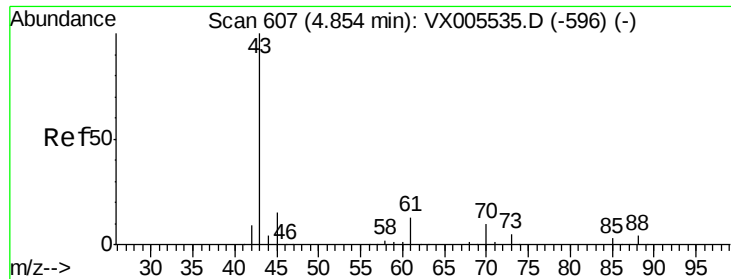
Delta R.T. 0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60189		
110	35.6	18.0	54.0	
77	31.9	24.6	36.8	





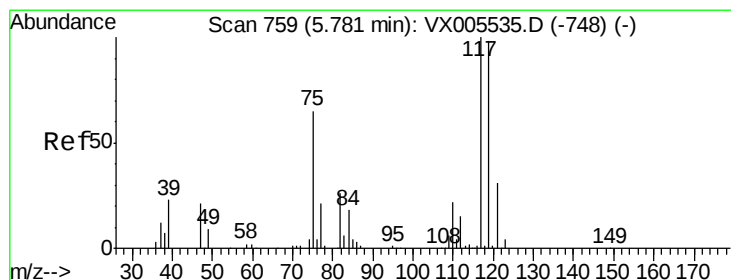
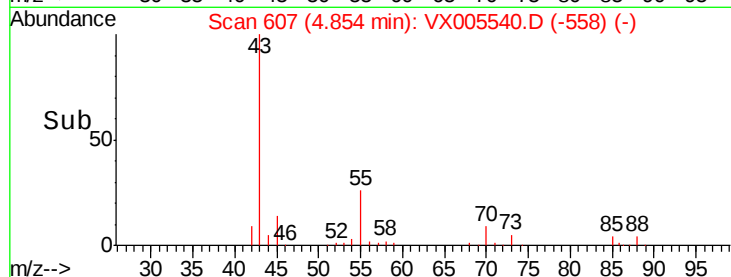
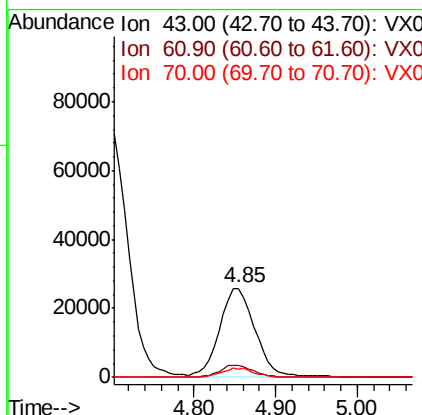
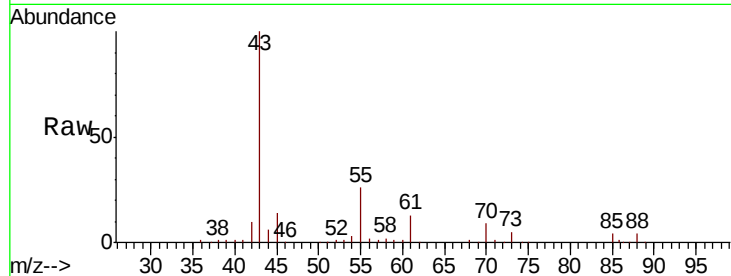
#37
Ethyl Acetate
Concen: 18.599 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.5	17.3
70	9.9	9.0	13.6

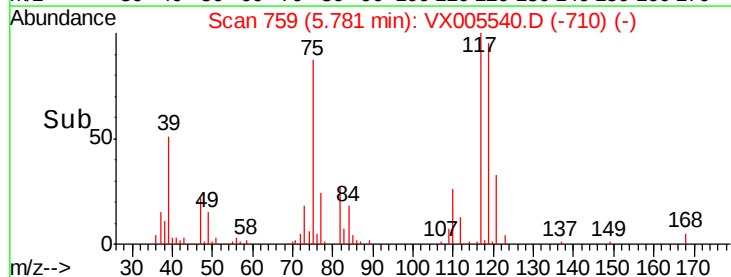
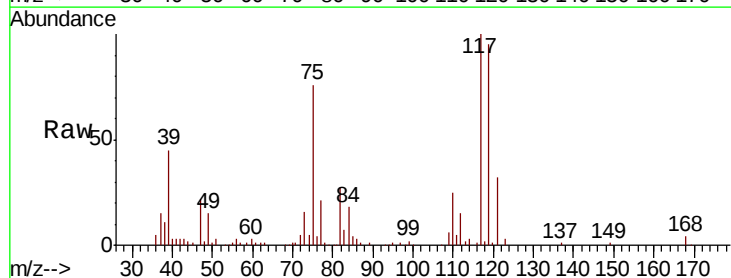
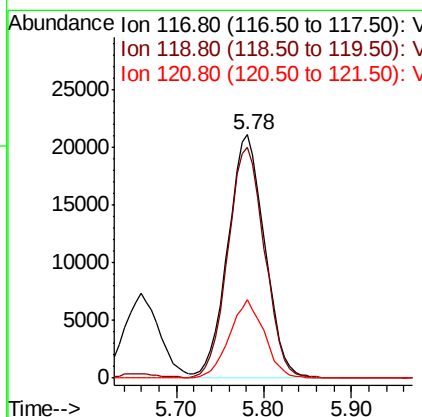
Manual Integrations
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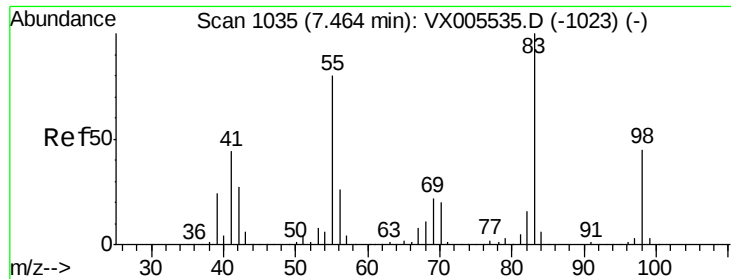
MMDadoda
10/26/2018 11:53:31 AM



#38
Carbon Tetrachloride
Concen: 18.135 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.8	118.2
121	32.4	24.9	37.3





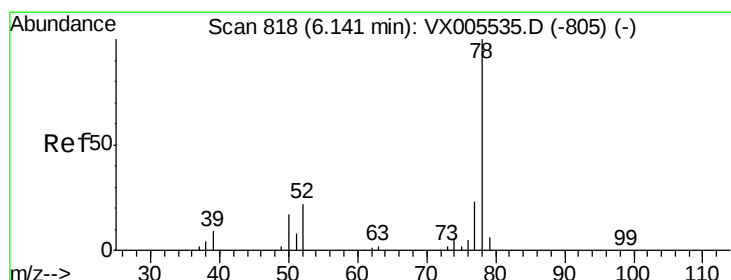
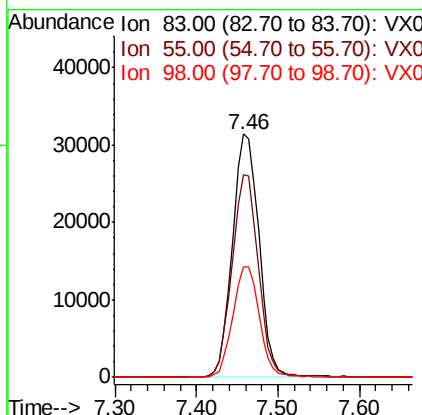
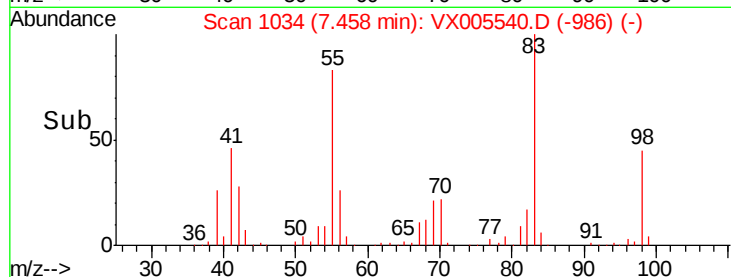
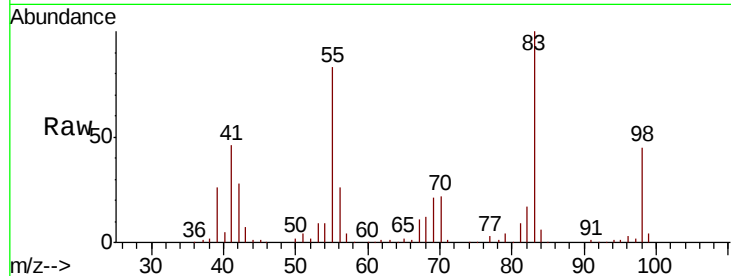
#39
Methvlcvclohexane
Concen: 19.778 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.0	91.4
98	45.5	39.6	59.4

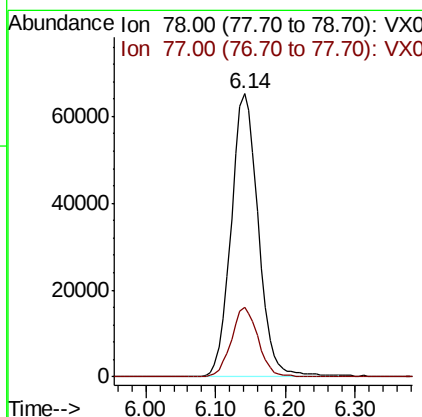
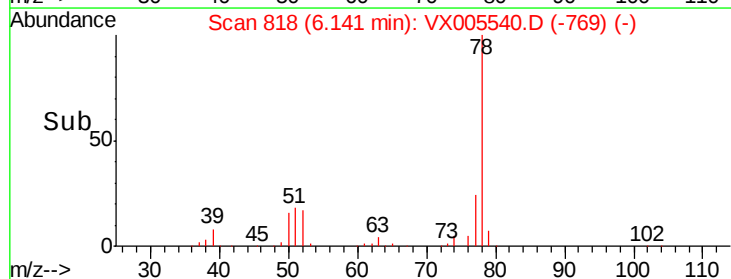
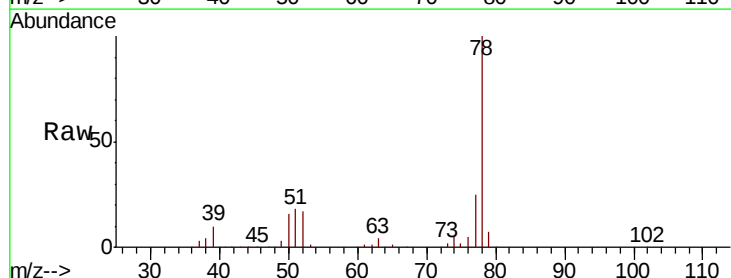
Manual Integrations
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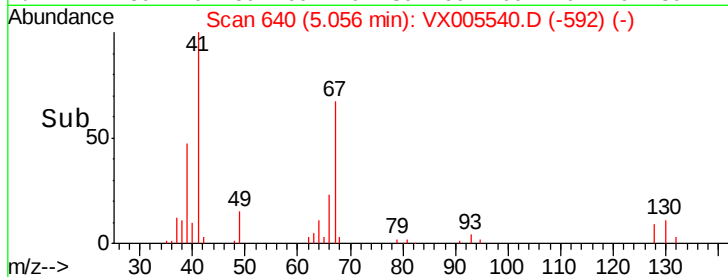
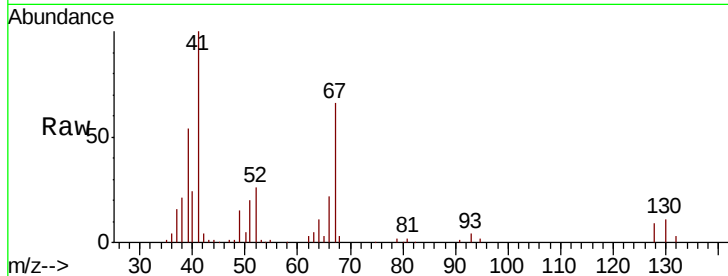
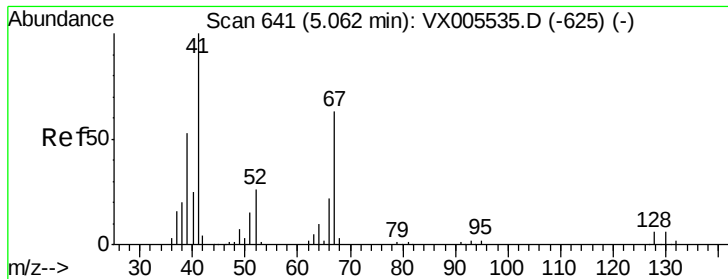
MMDadoda
10/26/2018 11:53:31 AM



#40
Benzene
Concen: 18.980 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





#41

Methacrylonitrile

Concen: 18.683 ug/l

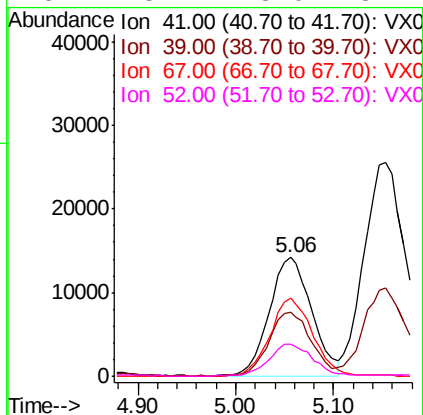
RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	42.4	63.6	
67	65.9	59.2	88.8	
52	28.1	23.0	34.4	



Instrument :

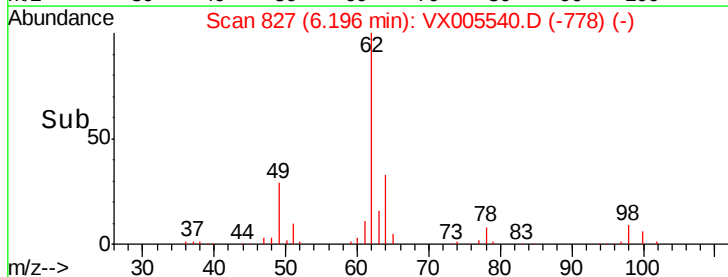
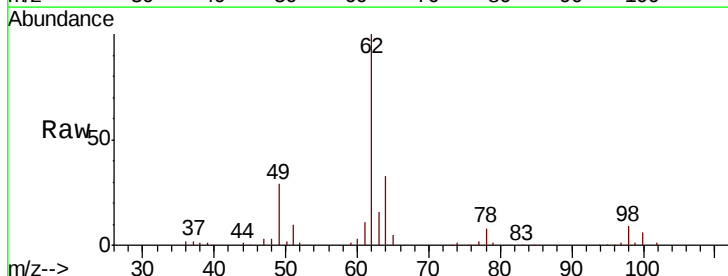
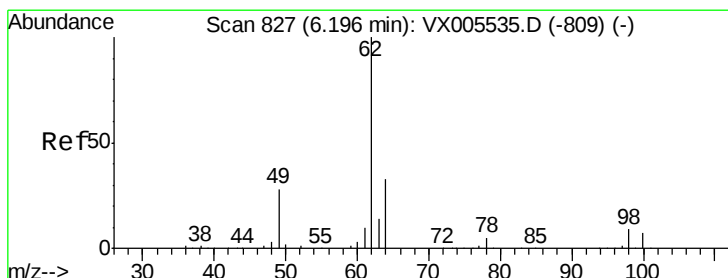
MSVOA_X

ClientSampleId :

VX1024WBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.495 ug/l

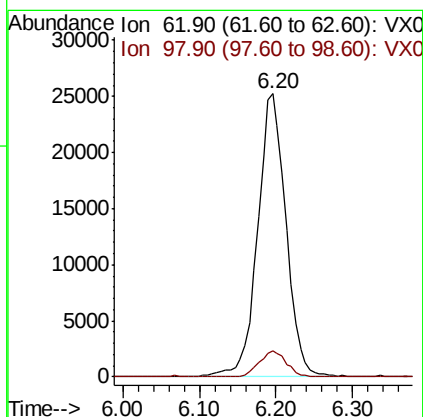
RT: 6.20 min Scan# 827

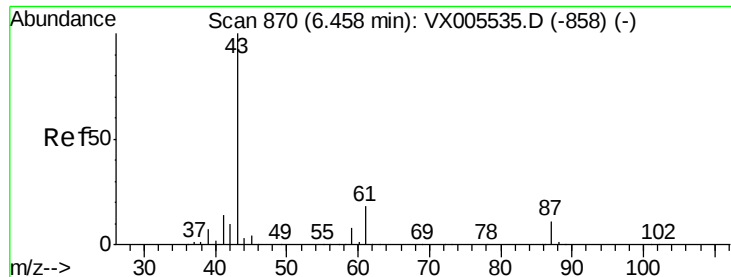
Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	20.6	





#43

Isopropyl Acetate

Concen: 18.255 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

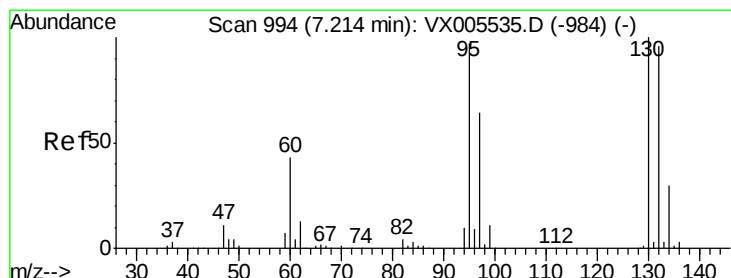
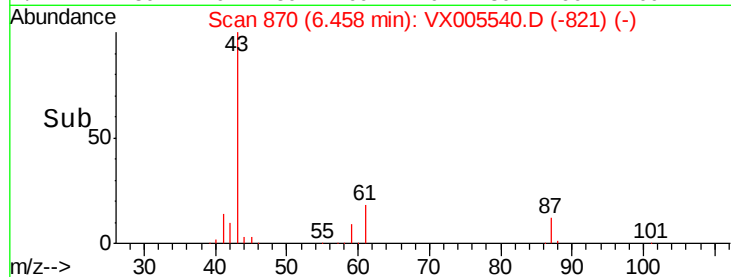
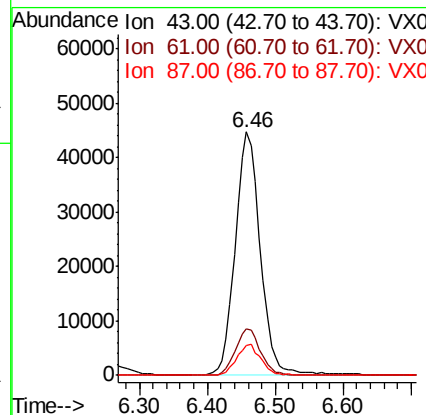
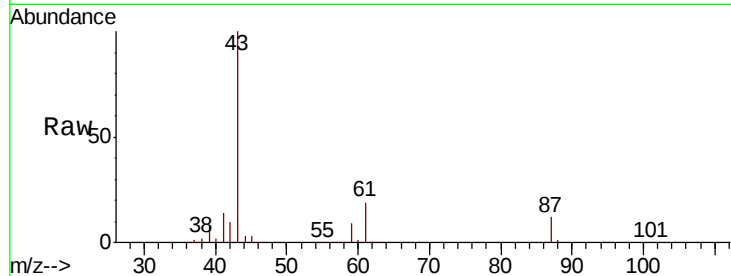
ClientSampleId :

VX1024WBS01

Tot Ion:	43	Resp:	113275
Ion	Ratio	Lower	Upper
43	100		
61	19.2	17.0	25.4
87	12.3	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.194 ug/l

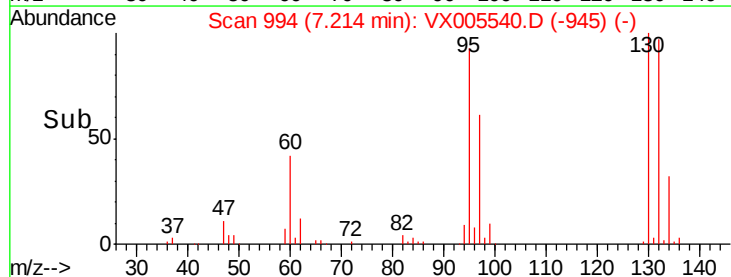
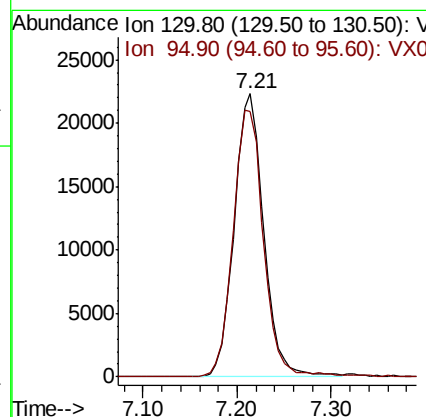
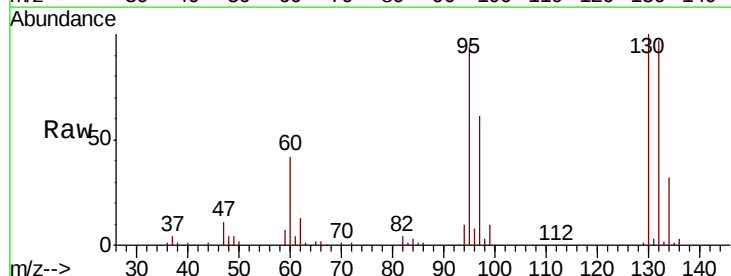
RT: 7.21 min Scan# 994

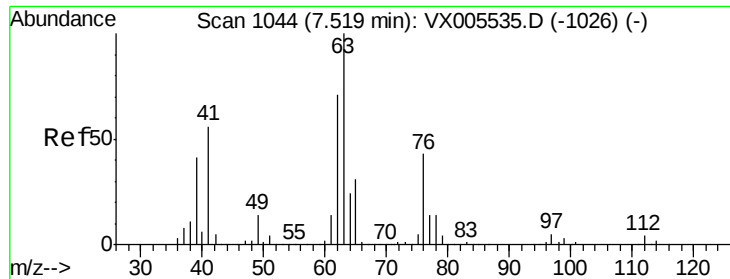
Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion:	130	Resp:	48640
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	181.6





#45

1,2-Dichloropropane

Concen: 19.765 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX1024WBS01

Tot Ion: 63 Resp: 49432

Ion Ratio Lower Upper

63 100

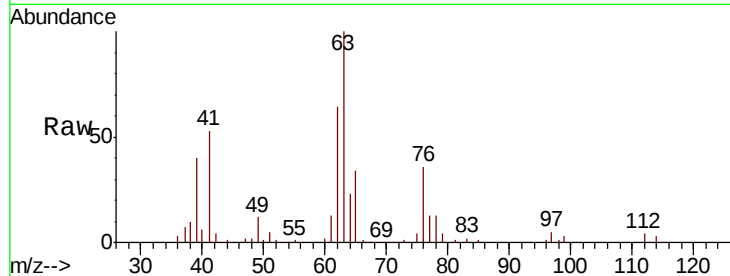
65 34.3 24.3 36.5

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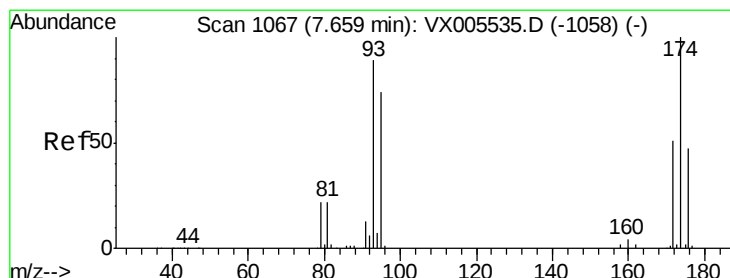
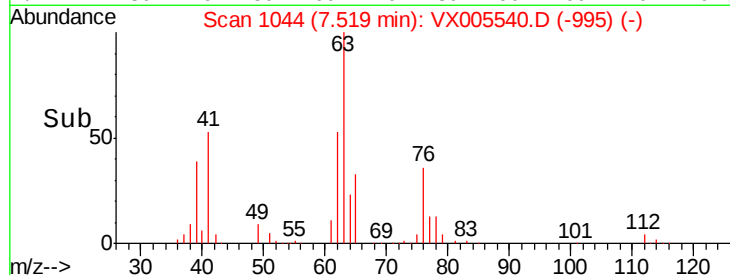
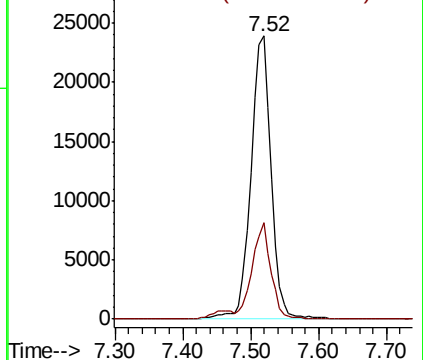
MMDadoda

10/26/2018 11:53:31 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.324 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

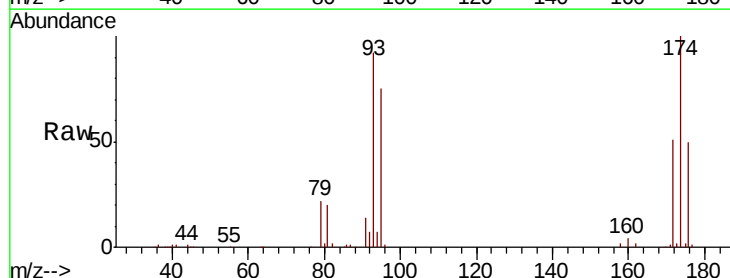
Tgt Ion: 93 Resp: 31214

Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

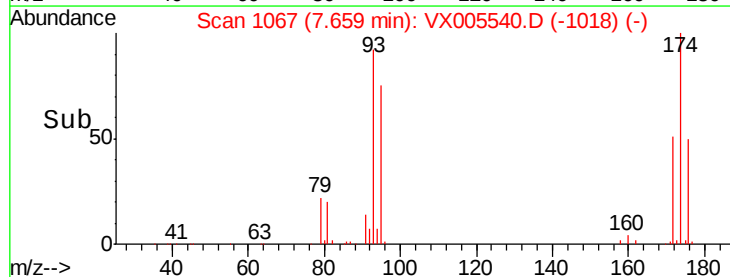
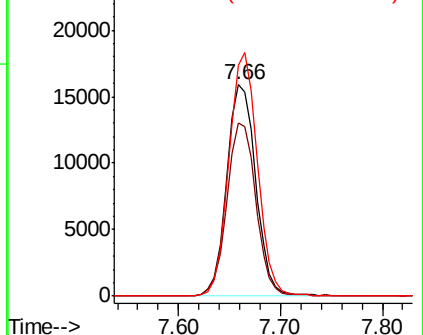
174 113.6 94.2 141.4

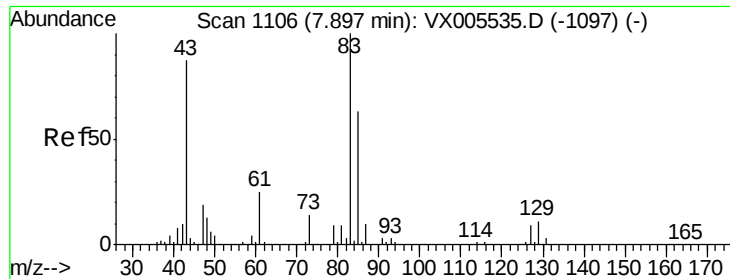


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





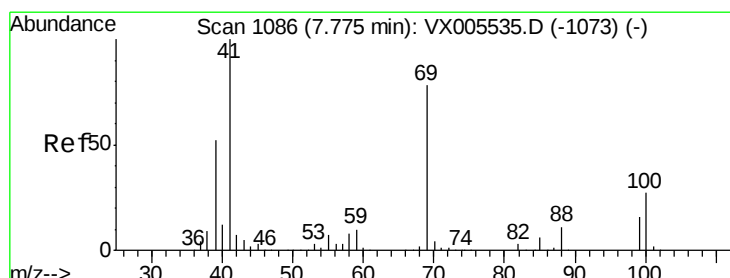
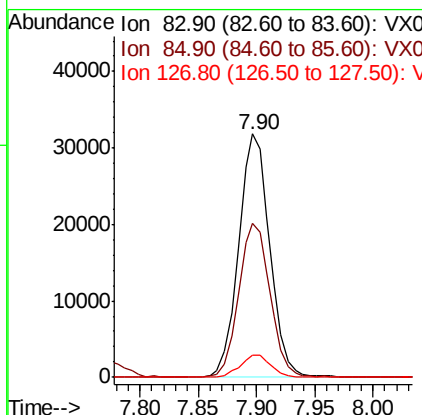
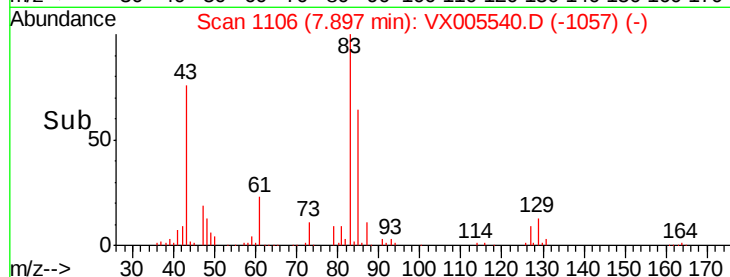
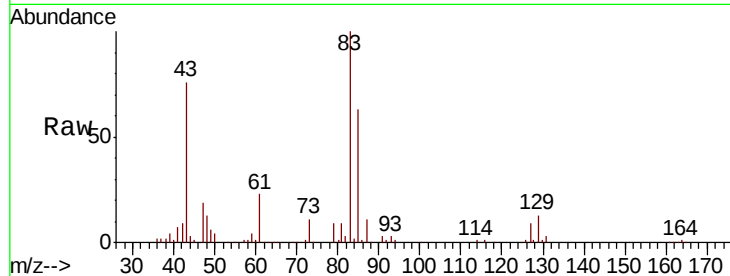
#47
Bromodichloromethane
Concen: 18.884 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	9.0	7.3	10.9

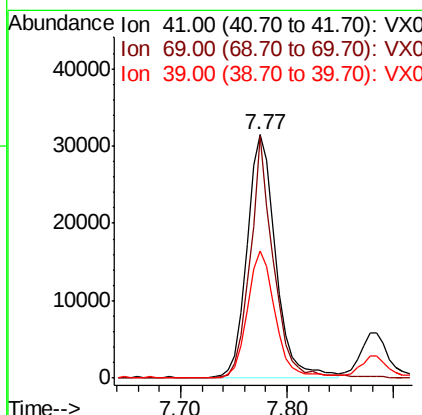
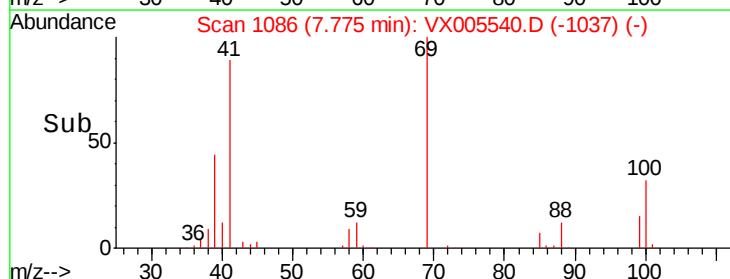
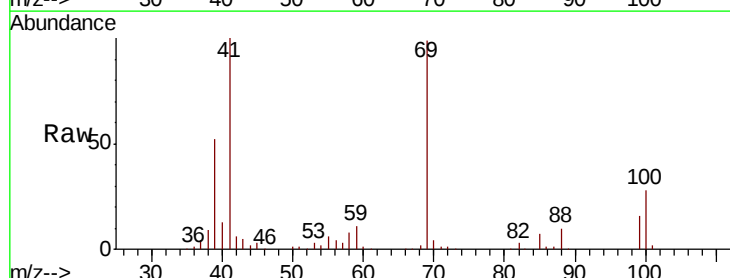
Manual Integrations
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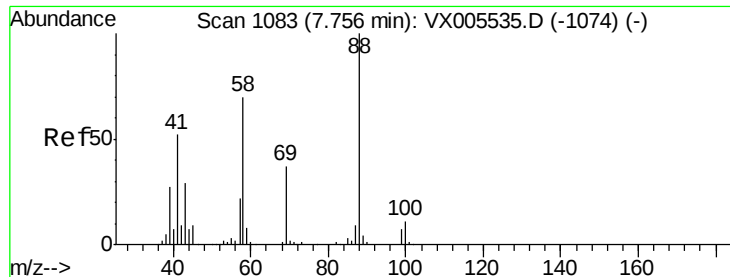
MMDadoda
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#48
Methyl methacrylate
Concen: 19.544 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.0	70.2	105.4
39	50.8	42.7	64.1





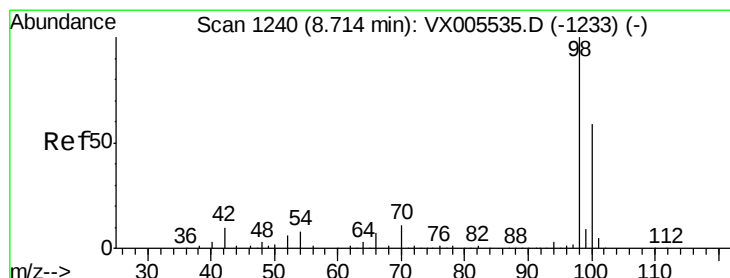
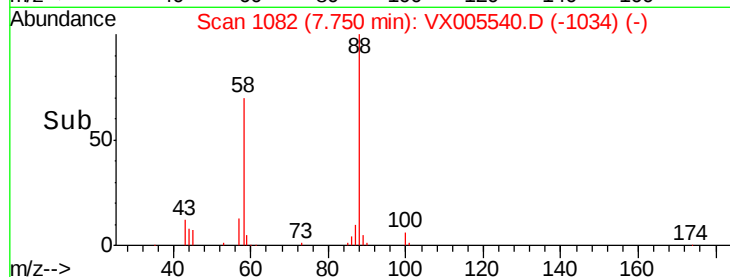
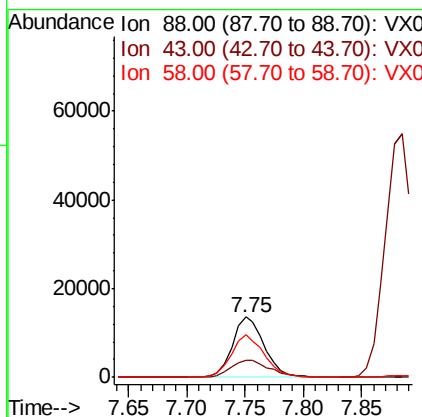
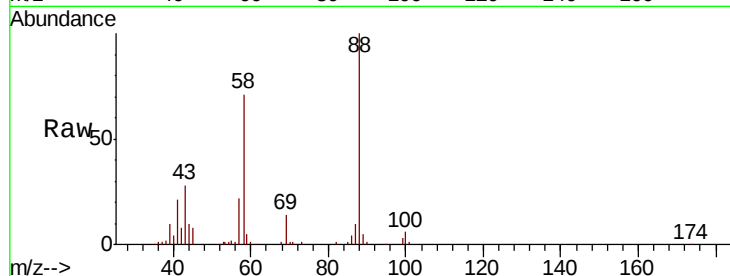
#49
1,4-Dioxane
Concen: 391.996 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	24.7	37.1
58	74.0	55.3	82.9

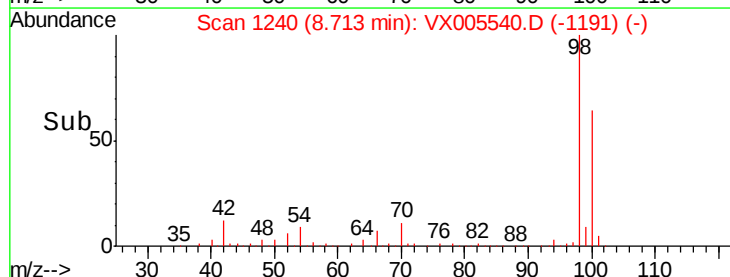
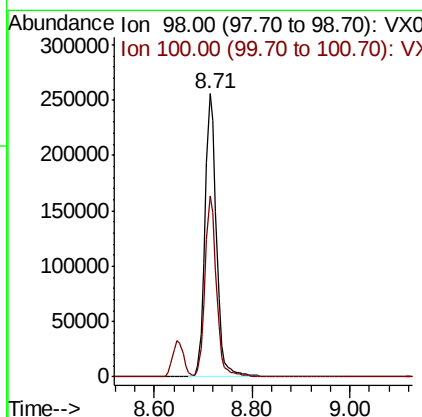
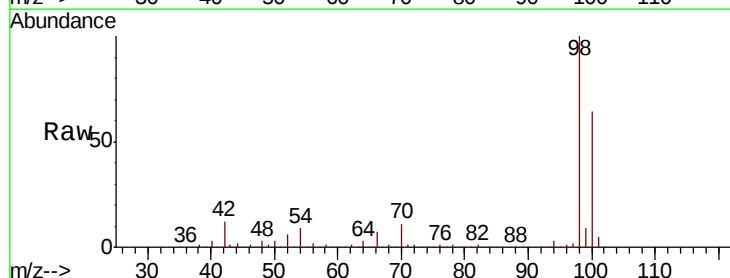
Manual Integrations
APPROVED

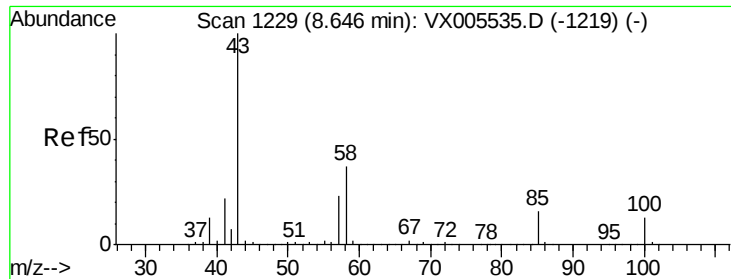
MMDadoda
10/26/2018 11:53:31 AM



#50
Toluene-d8
Concen: 51.457 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 96.543 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampled :

VX1024WBS01

Tot Ion: 43 Resp: 402614

Ion Ratio Lower Upper

43 100

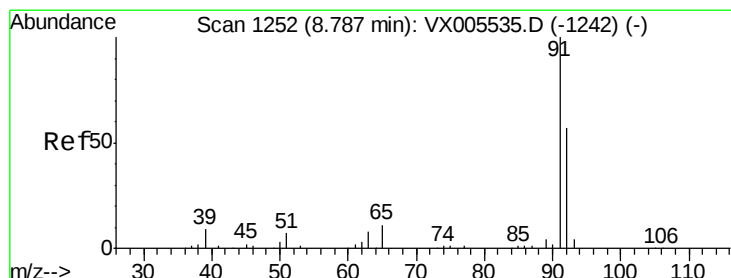
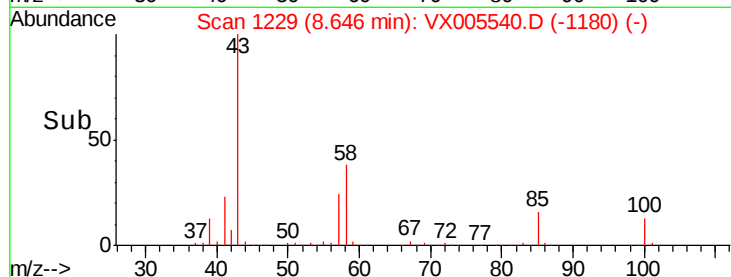
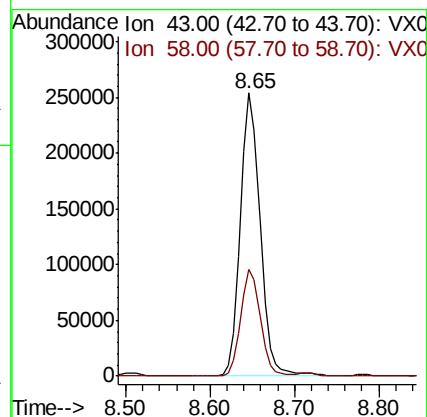
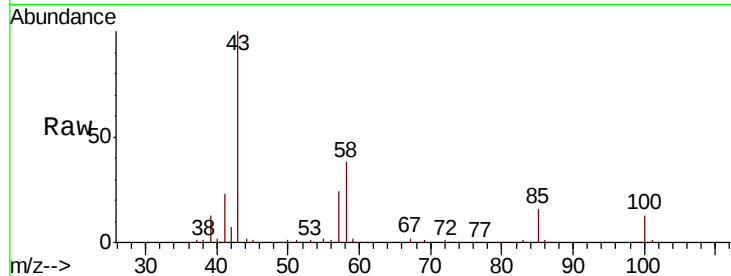
58 37.0 33.1 49.7

Manual Integrations

APPROVED

MMDadoda

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#52

Toluene

Concen: 19.933 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005540.D

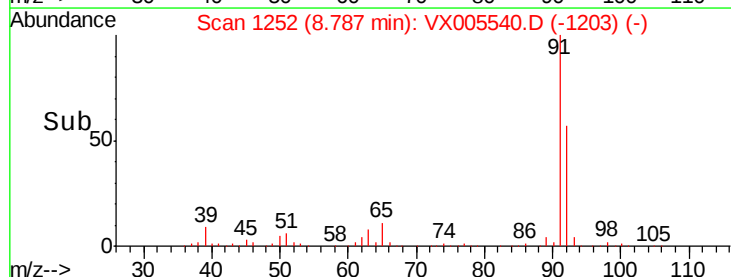
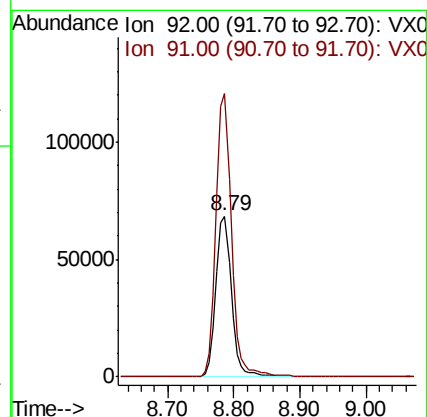
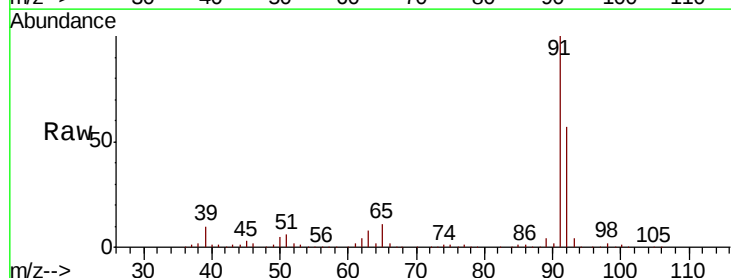
Acq: 24 Oct 2018 14:37

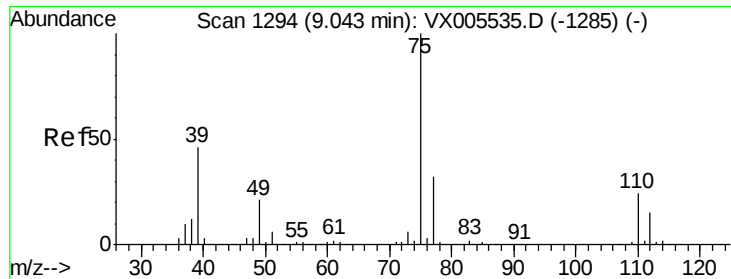
Tgt Ion: 92 Resp: 112691

Ion Ratio Lower Upper

92 100

91 174.8 136.4 204.6





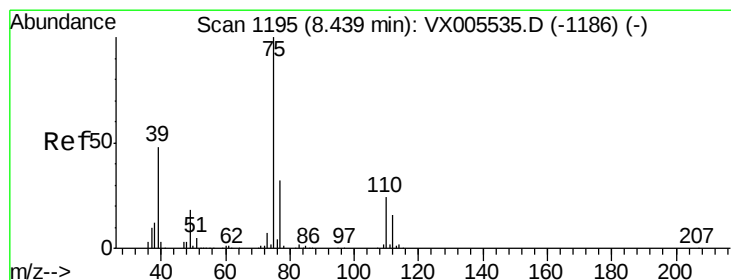
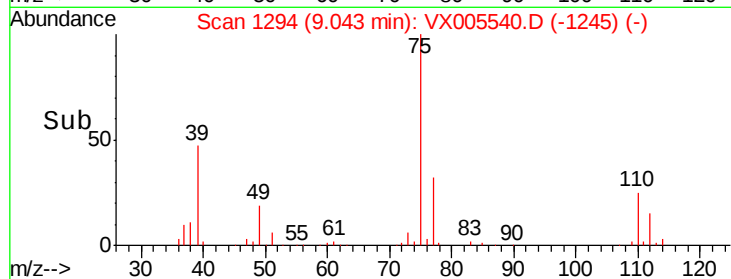
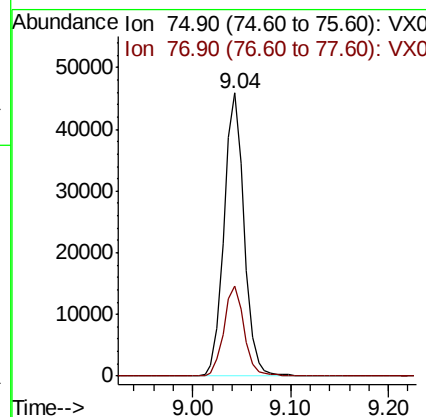
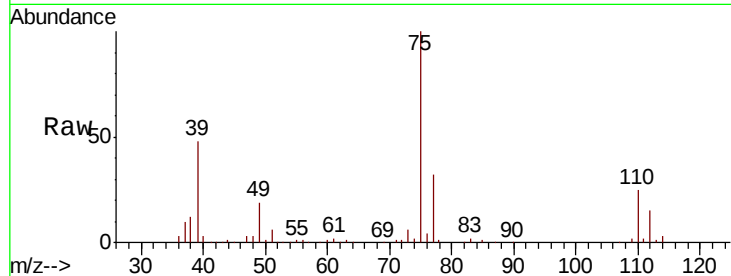
#53
t-1,3-Dichloropropene
Concen: 19.313 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion: 75 Resp: 65435
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

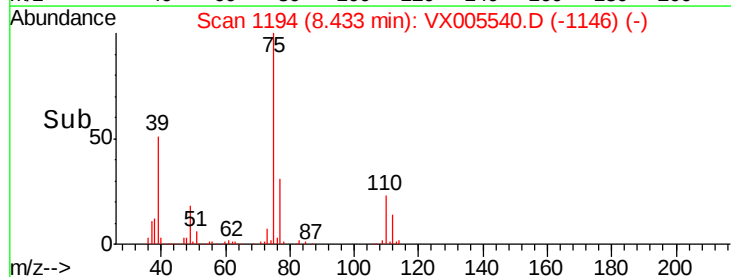
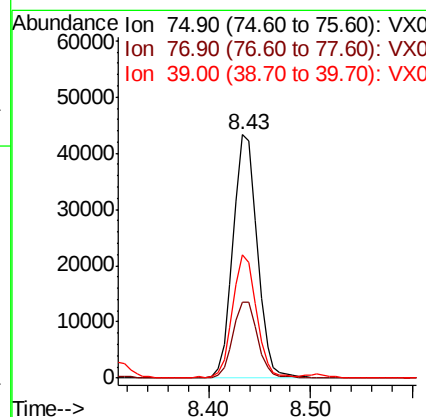
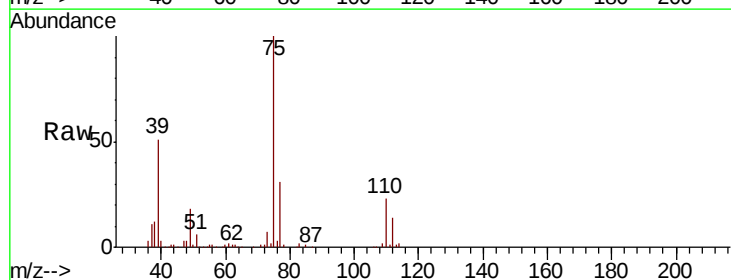
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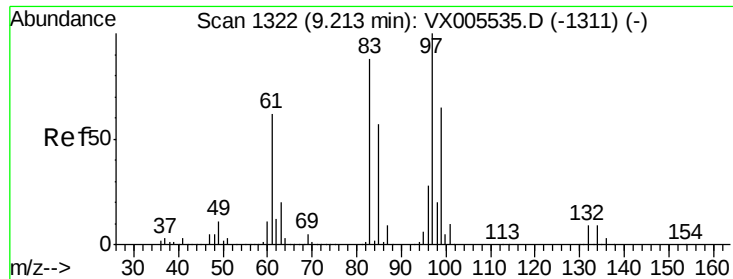
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#54
cis-1,3-Dichloropropene
Concen: 19.542 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 75 Resp: 71286
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2
39 50.6 36.4 54.6





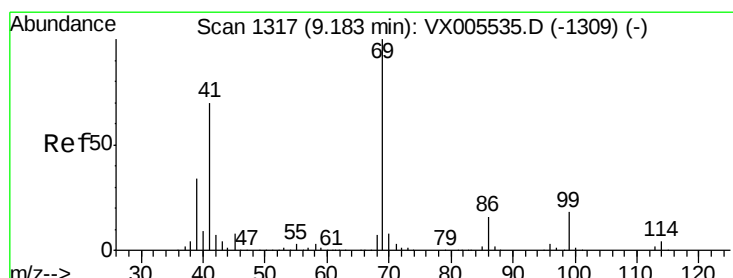
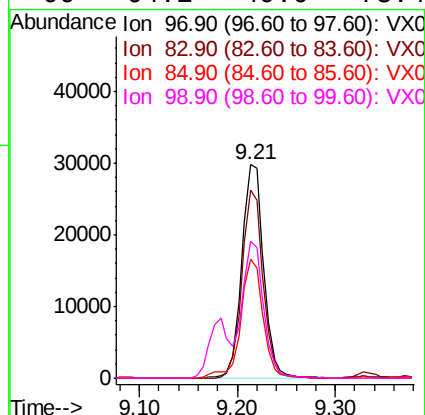
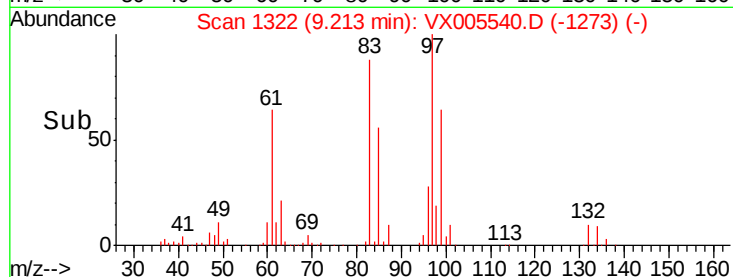
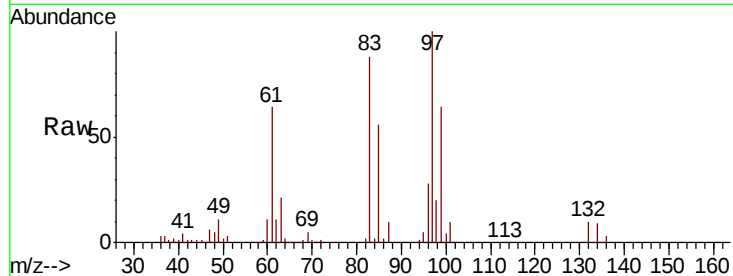
#55
1,1,2-Trichloroethane
Concen: 19.417 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion:	97	Resp:	46280
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.4	99.6
85	55.7	43.3	64.9
99	64.1	49.0	73.4

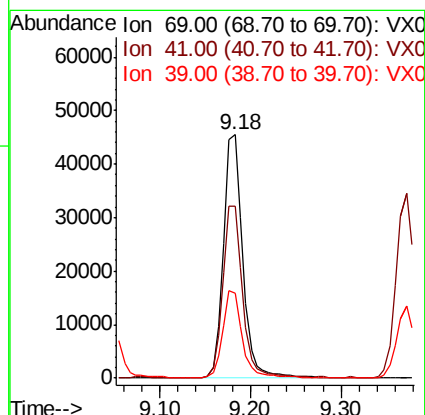
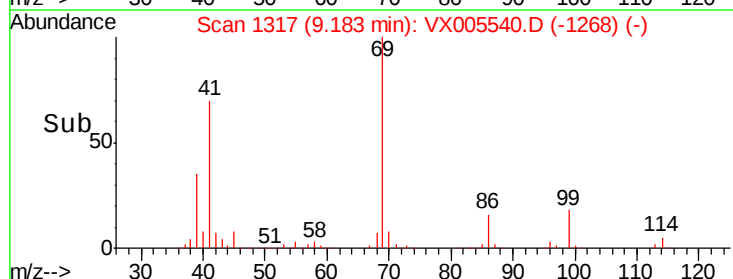
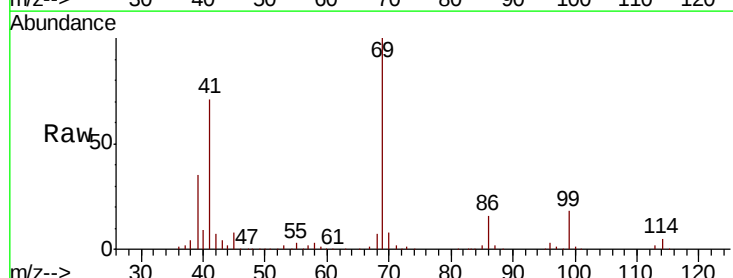
Manual Integrations
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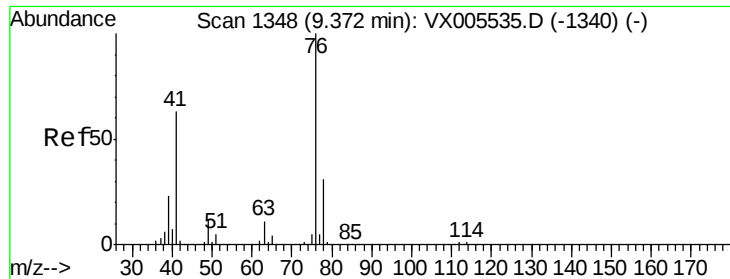
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#56
Ethyl methacrylate
Concen: 19.066 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion:	69	Resp:	67784
Ion	Ratio	Lower	Upper
69	100		
41	71.7	51.0	76.4
39	36.0	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.156 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion: 76 Resp: 77257

Ion Ratio Lower Upper

76 100

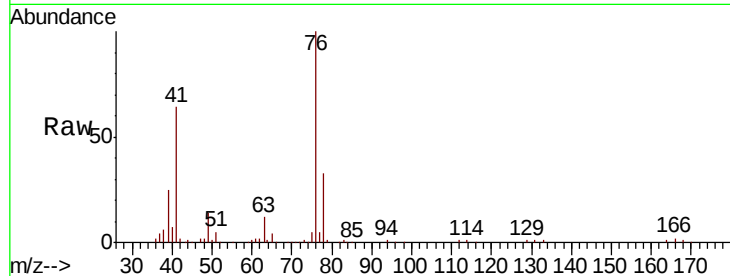
78 32.9 25.5 38.3

Manual Integrations

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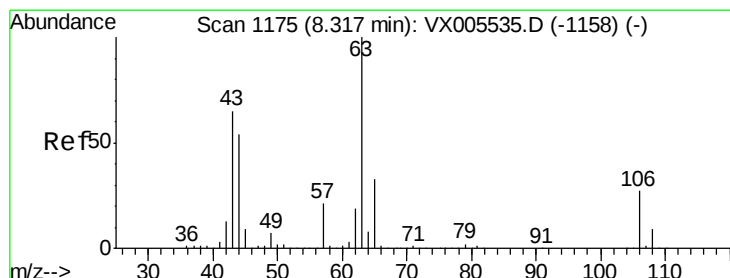
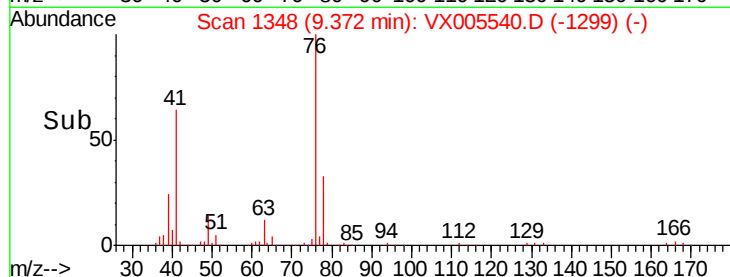
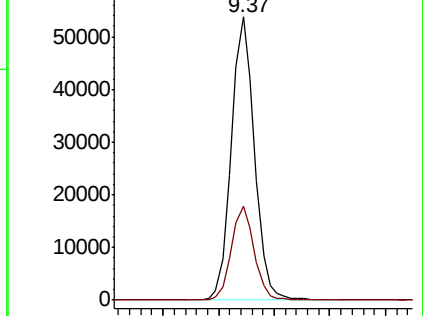
MMDadoda

10/26/2018 11:53:31 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.403 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005540.D

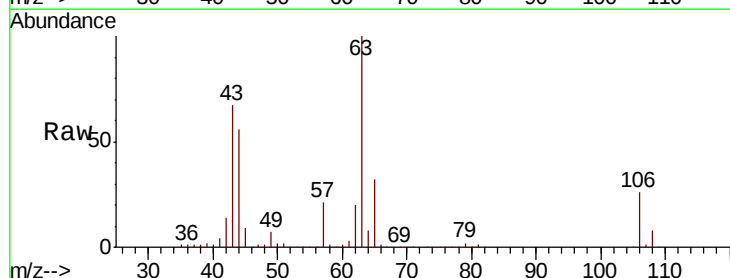
Acq: 24 Oct 2018 14:37

Tgt Ion: 63 Resp: 201350

Ion Ratio Lower Upper

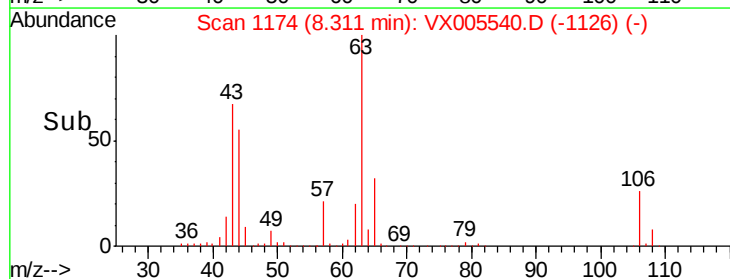
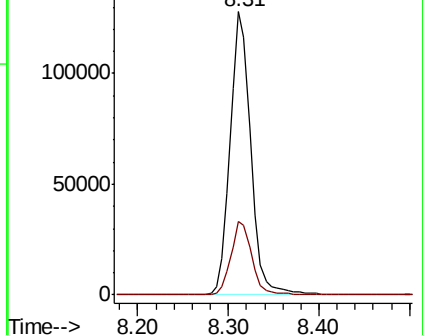
63 100

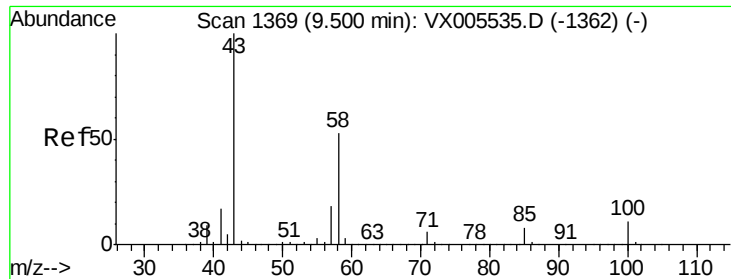
106 26.6 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





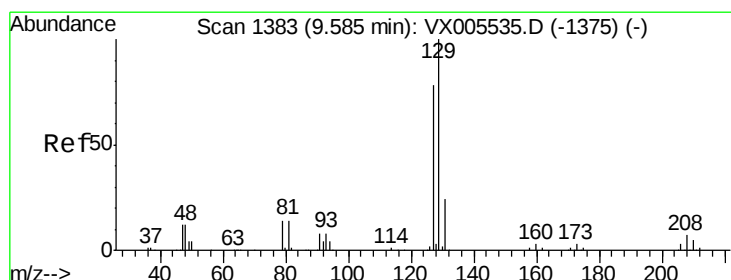
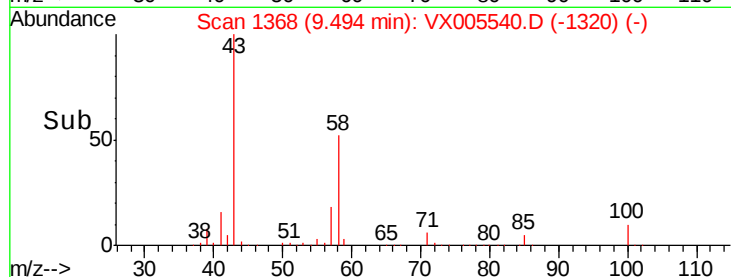
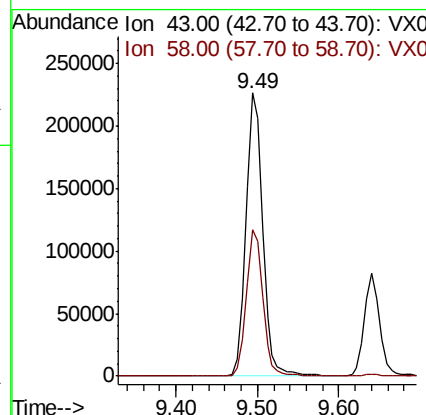
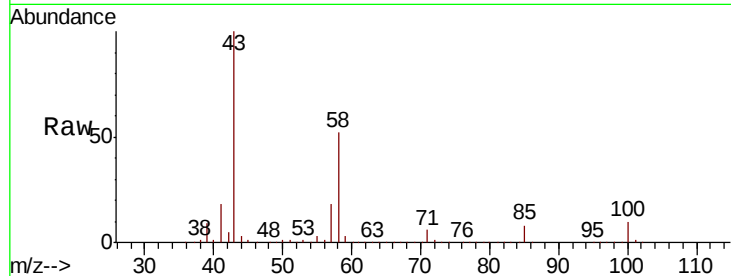
#59
2-Hexanone
Concen: 96.717 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampled :
VX1024WBS01

Tot Ion: 43 Resp: 318012
Ion Ratio Lower Upper
43 100
58 51.6 29.0 87.0

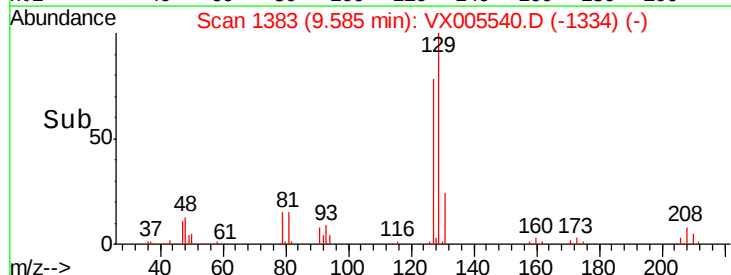
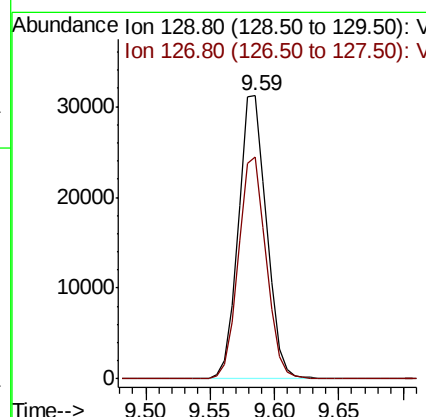
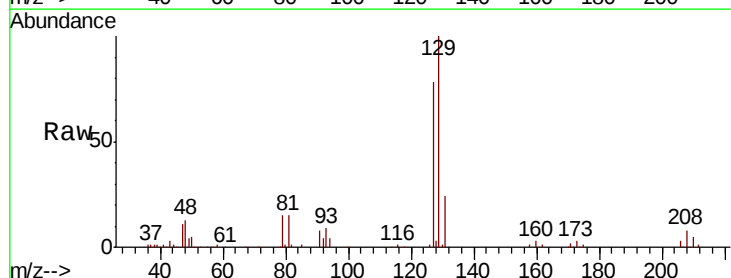
Manual Integrations
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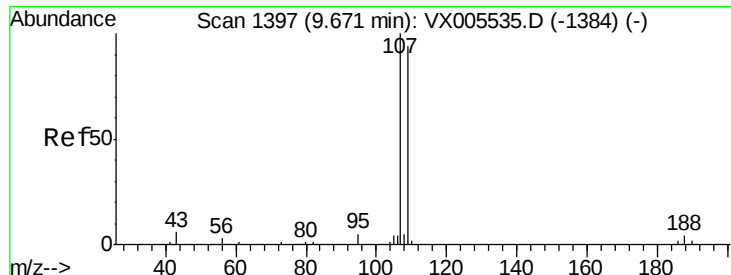
MMDadoda
10/26/2018 11:53:31 AM



#60
Dibromochloromethane
Concen: 19.097 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion: 129 Resp: 47491
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.497 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion:107 Resp: 48076

Ion Ratio Lower Upper

107 100

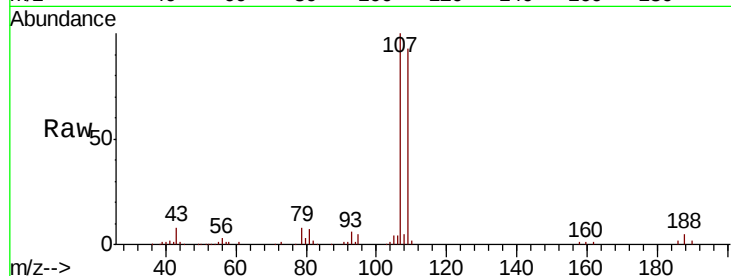
109 94.5 76.0 114.0

Manual Integrations

APPROVED

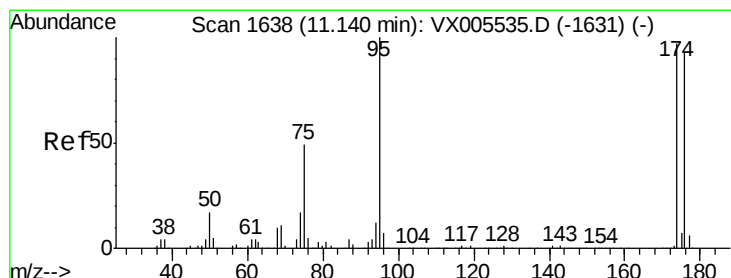
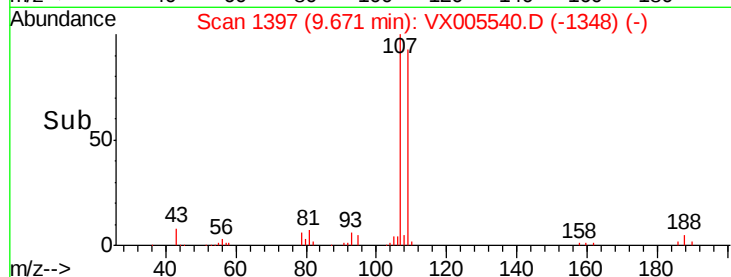
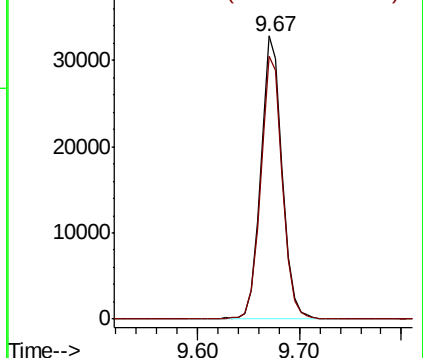
MMDadoda

10/26/2018 11:53:31 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.435 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

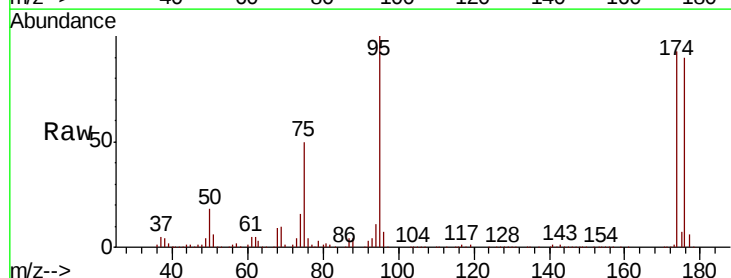
Tgt Ion: 95 Resp: 154954

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

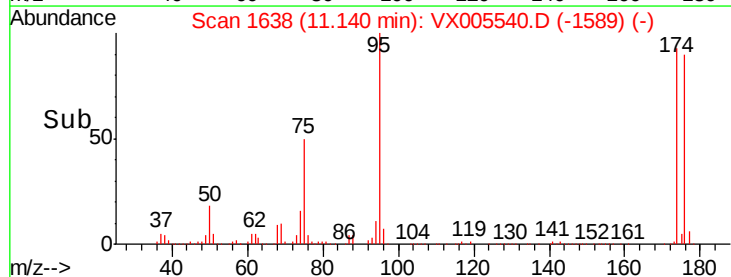
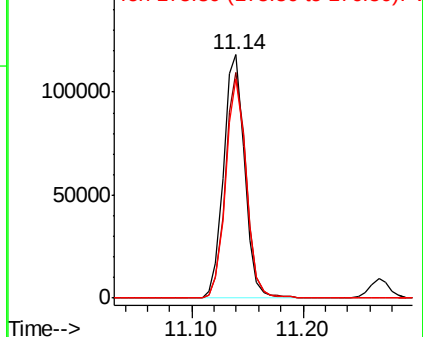
176 88.0 0.0 178.6

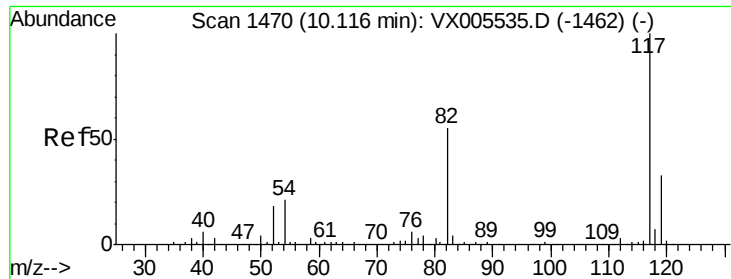


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





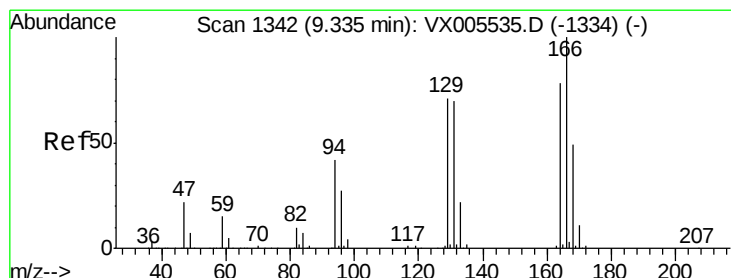
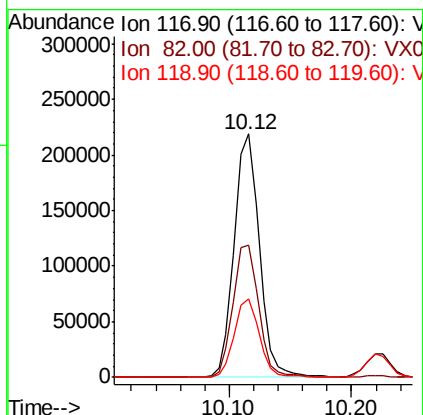
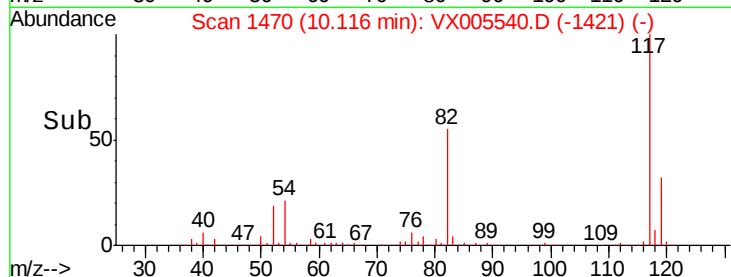
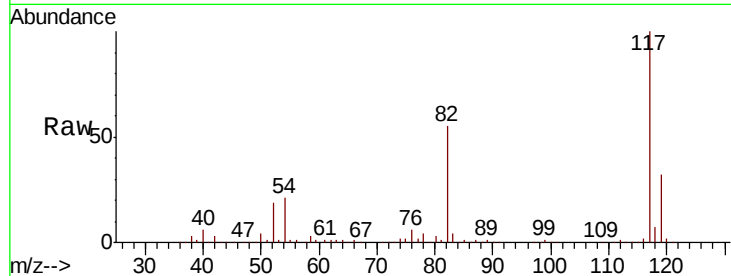
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	47.8	71.6
119	32.1	29.3	43.9

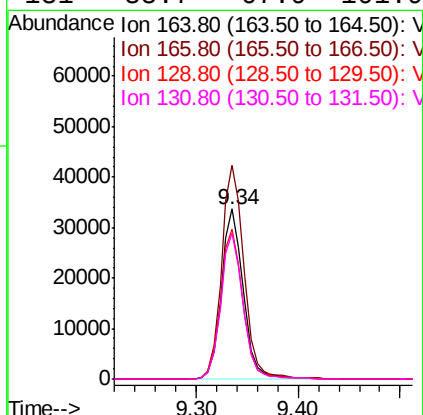
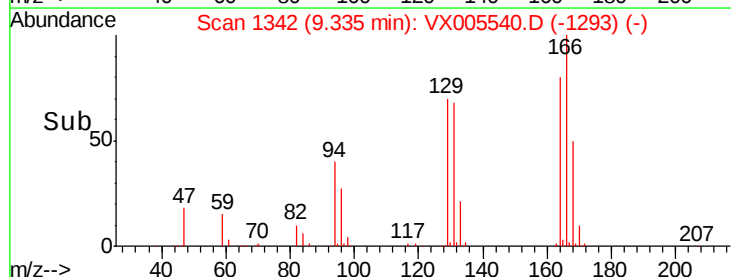
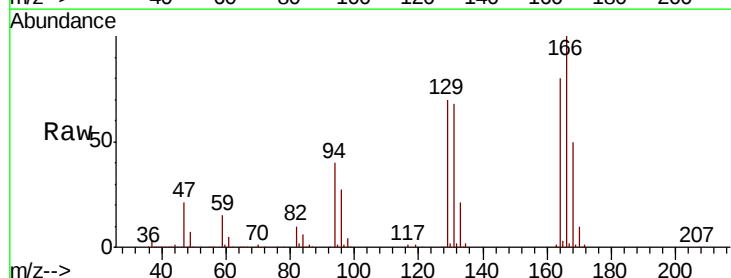
Manual Integrations
APPROVED

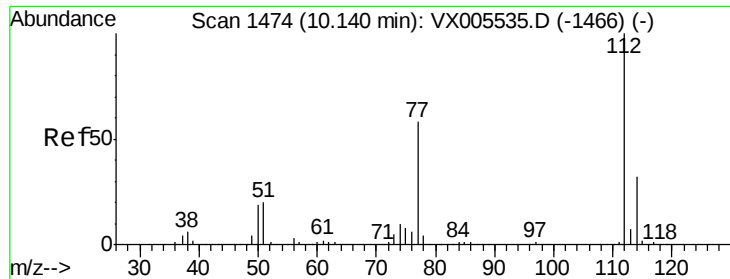
MMDadoda
10/26/2018 11:53:31 AM



#64
Tetrachloroethene
Concen: 19.392 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.8	154.2
129	88.1	69.4	104.0
131	85.7	67.9	101.9





#65

Chlorobenzene

Concen: 19.068 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion:112 Resp: 126844

Ion Ratio Lower Upper

112 100

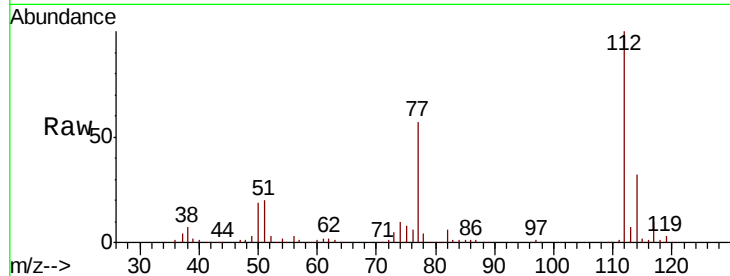
114 32.0 27.8 41.8

Manual Integrations

APPROVED

MMDadoda

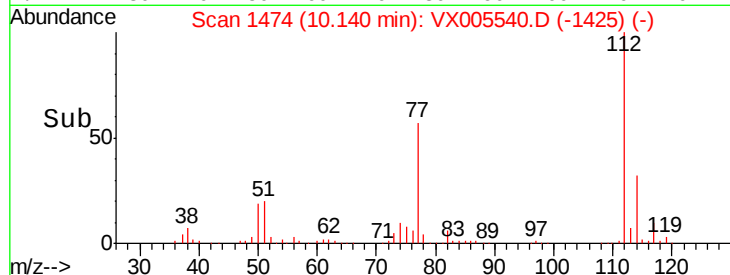
10/26/2018 11:53:31 AM



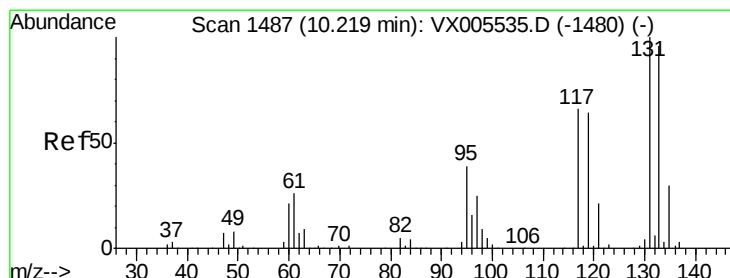
Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14



Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 18.582 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

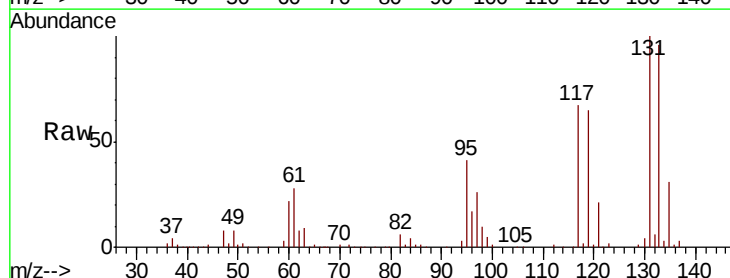
Tgt Ion:131 Resp: 45071

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

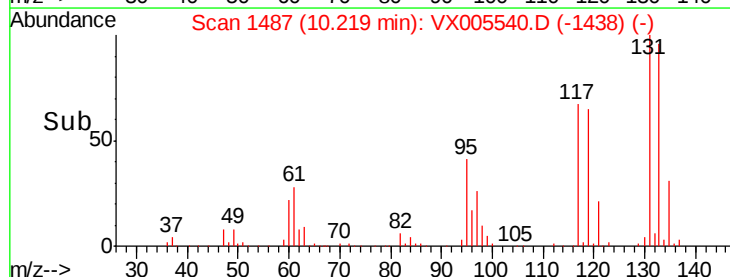
119 64.3 32.9 98.6



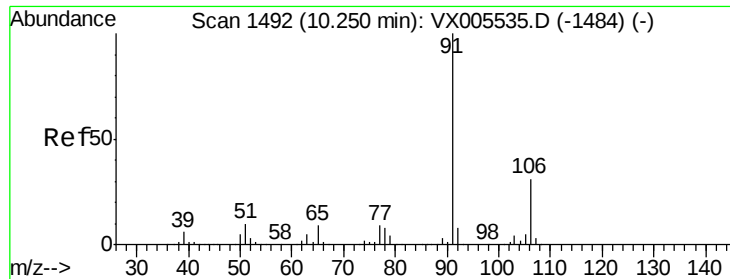
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time--> 10.20 10.30



#67

Ethyl Benzene

Concen: 19.464 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion: 91 Resp: 213025

Ion Ratio Lower Upper

91 100

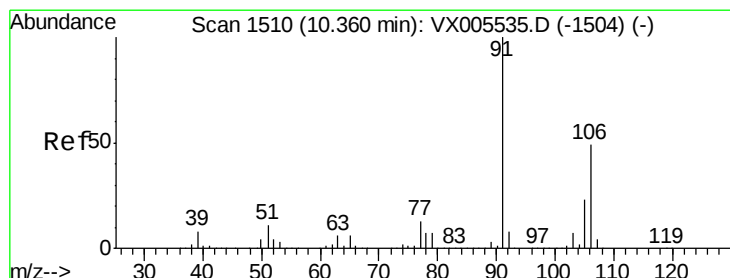
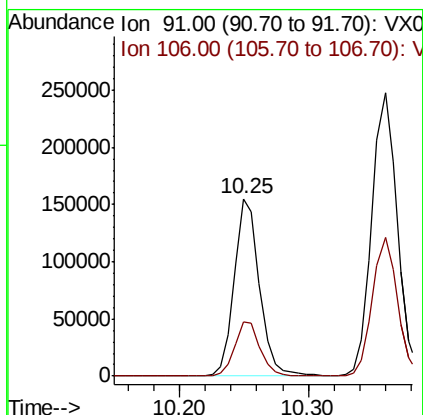
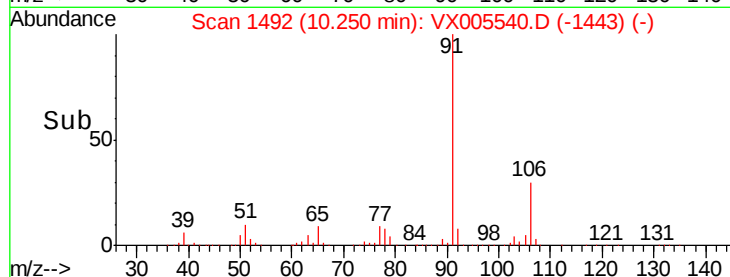
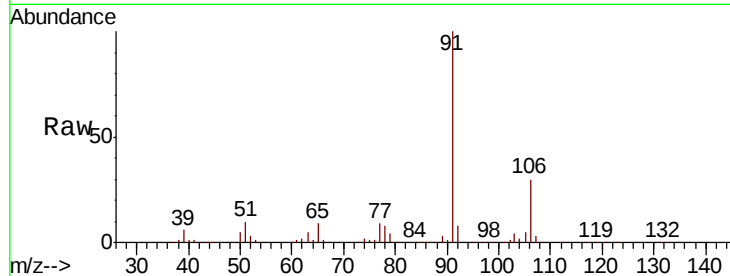
106 30.3 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

10/26/2018 11:53:31 AM



#68

m/p-Xylenes

Concen: 38.992 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005540.D

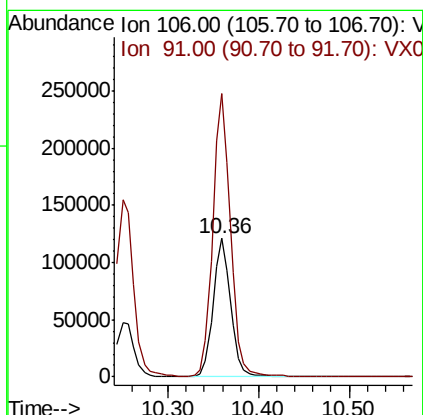
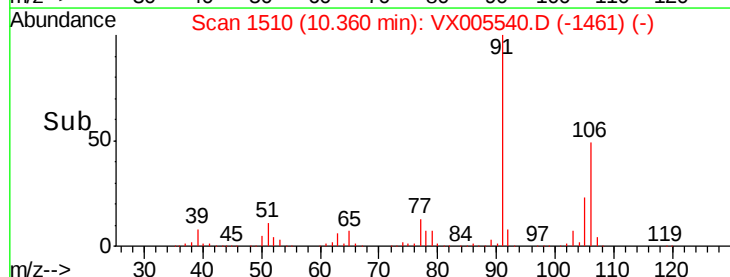
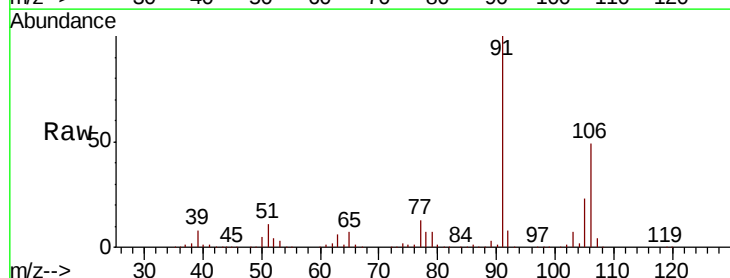
Acq: 24 Oct 2018 14:37

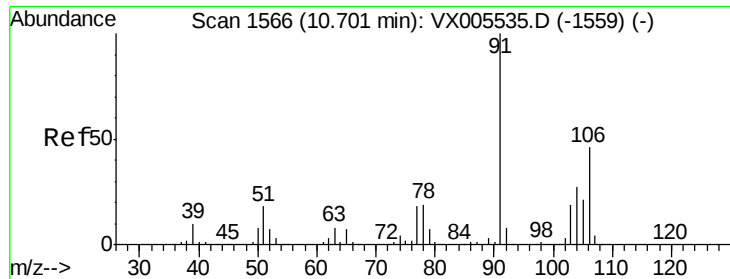
Tgt Ion: 106 Resp: 165567

Ion Ratio Lower Upper

106 100

91 206.8 157.1 235.7





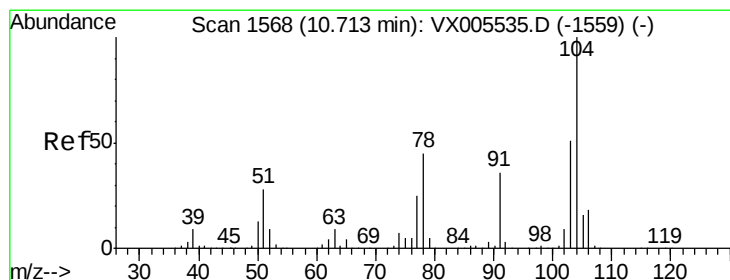
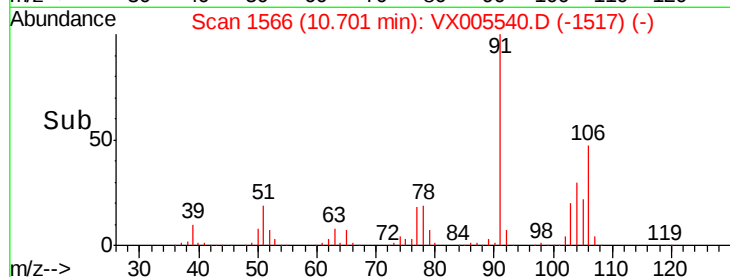
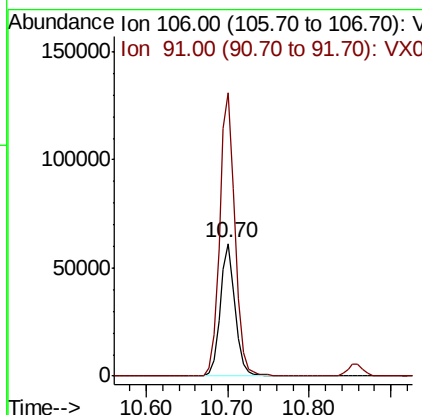
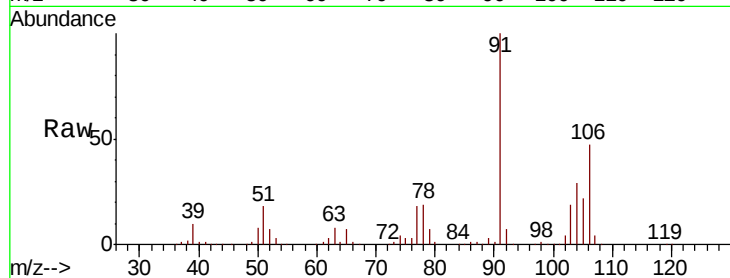
#69
o-Xylene
Concen: 19.550 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion:106 Resp: 78101
Ion Ratio Lower Upper
106 100
91 221.2 105.1 315.1

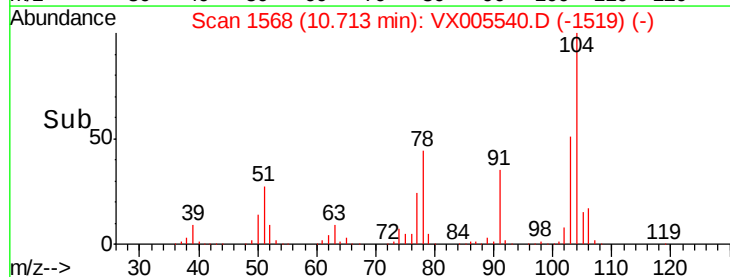
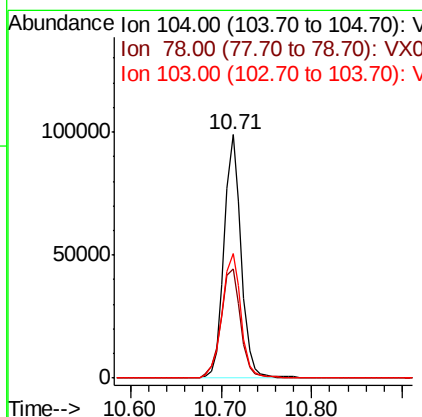
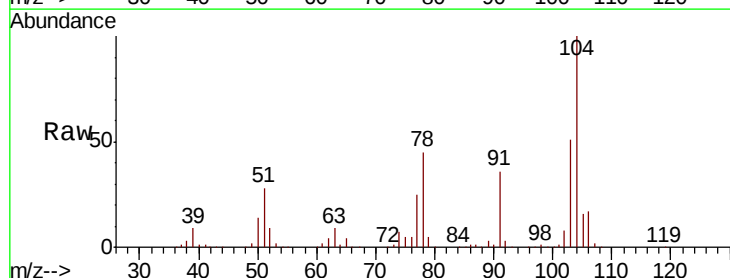
Manual Integrations
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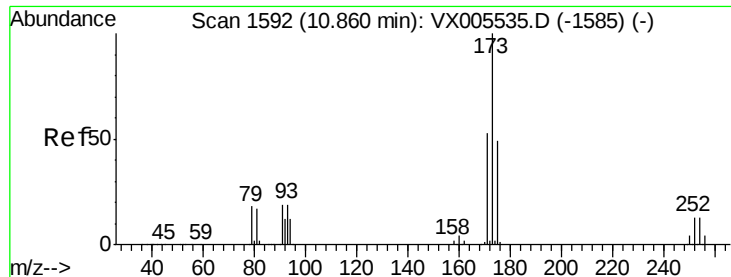
MMDadoda
10/26/2018 11:53:31 AM



#70
Styrene
Concen: 19.468 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion:104 Resp: 130193
Ion Ratio Lower Upper
104 100
78 51.8 37.4 56.0
103 56.9 43.8 65.6





#71

Bromoform

Concen: 17.736 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion:173 Resp: 38387

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.3

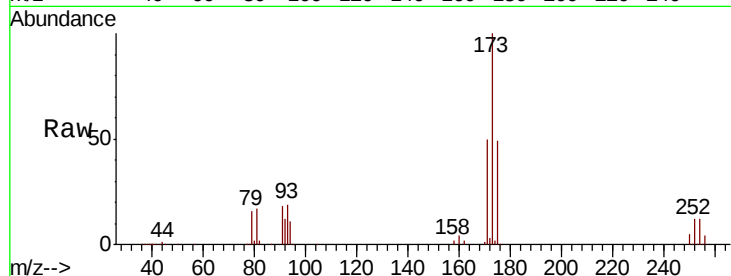
254 0.1 0.2 0.2#

Manual Integrations

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MMDadoda

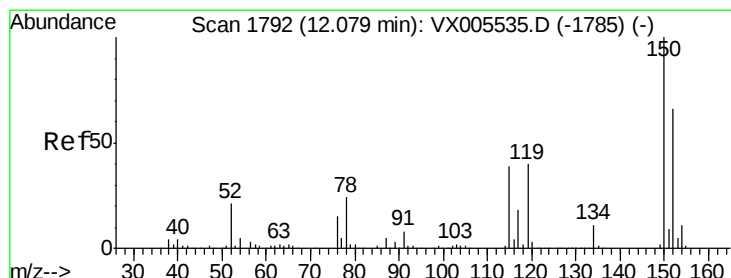
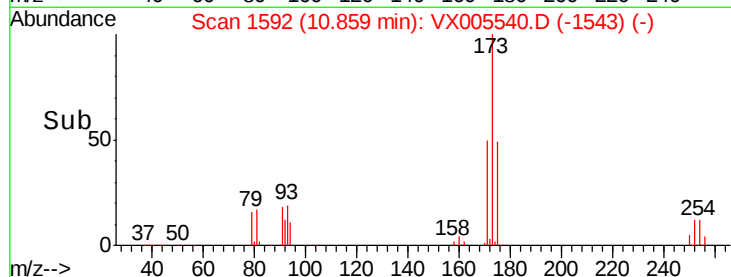
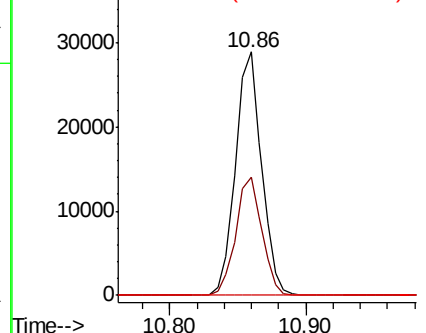
10/26/2018 11:53:31 AM



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: VX005540.D

Acq: 24 Oct 2018 14:37

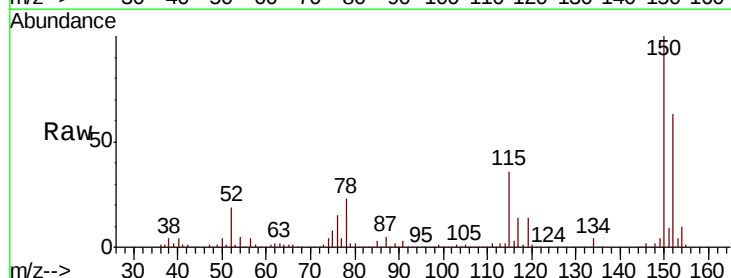
Tgt Ion:152 Resp: 175628

Ion Ratio Lower Upper

152 100

115 64.4 39.0 117.0

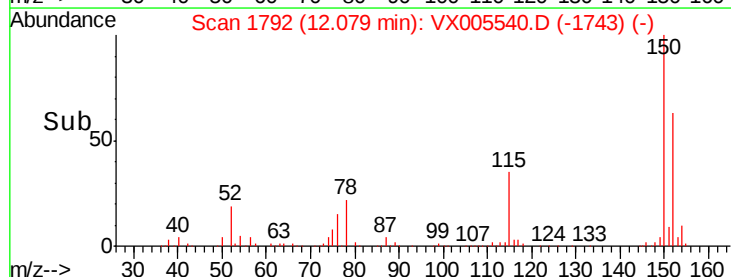
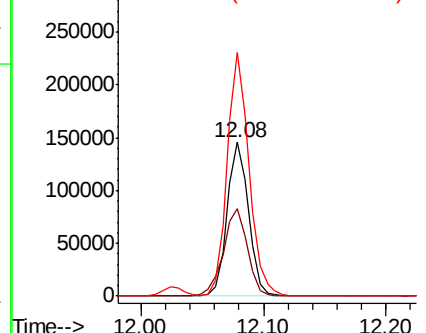
150 162.8 0.0 351.0

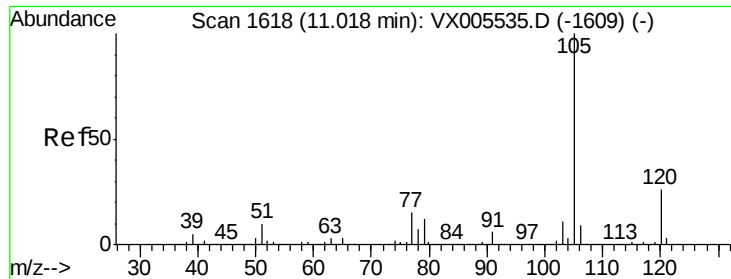


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





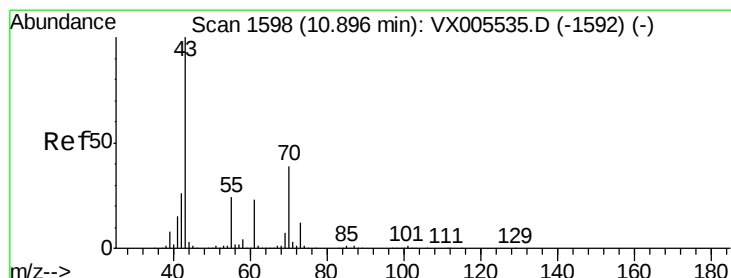
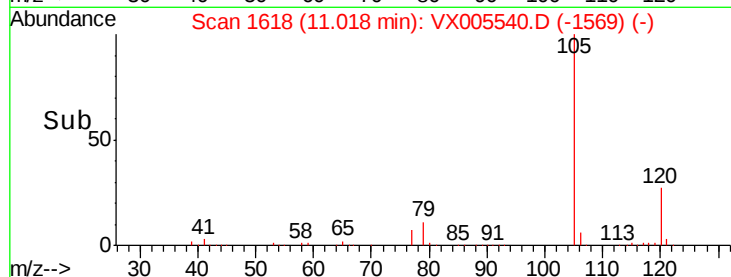
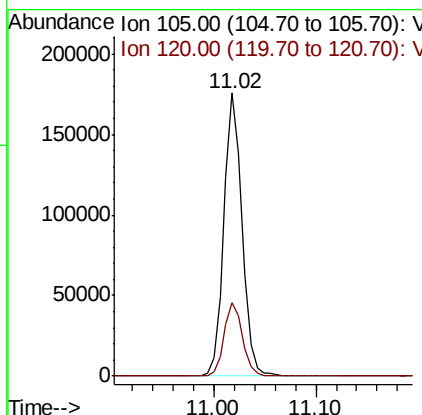
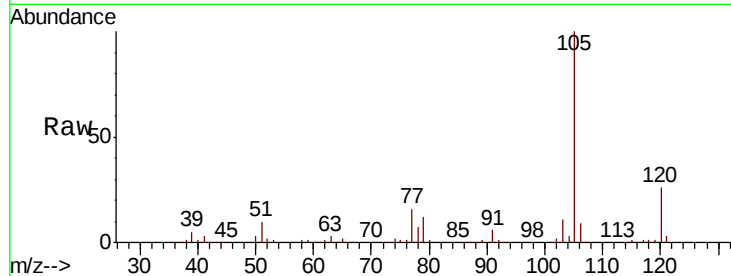
#73
Isopropylbenzene
Concen: 20.307 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.5	40.4

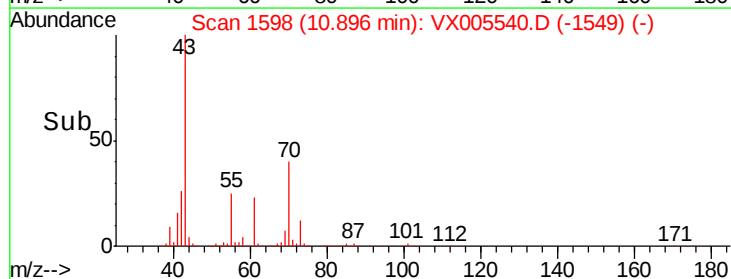
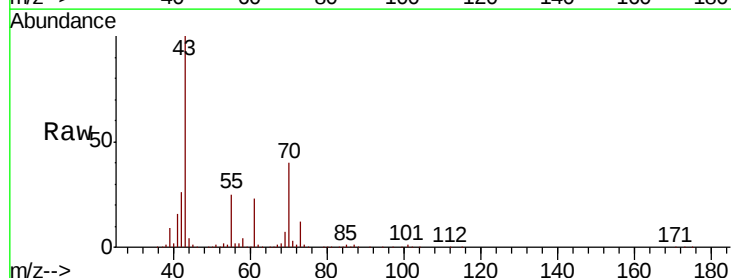
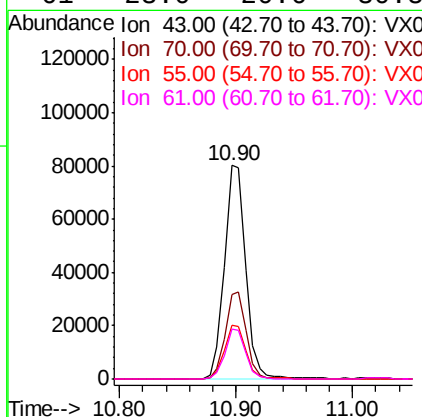
Manual Integrations
APPROVED

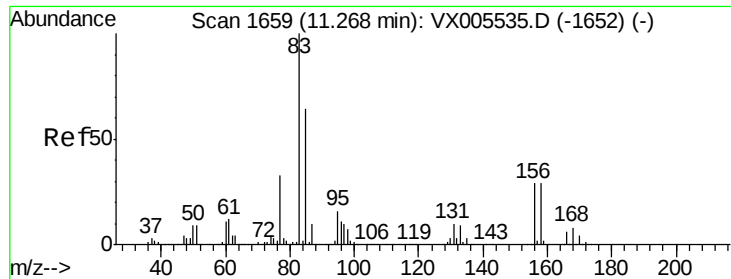
MMDadoda
10/26/2018 11:53:31 AM



#74
N-ethyl acetate
Concen: 19.031 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.6	37.4	56.0
55	25.6	21.8	32.8
61	23.0	20.6	30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.724 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

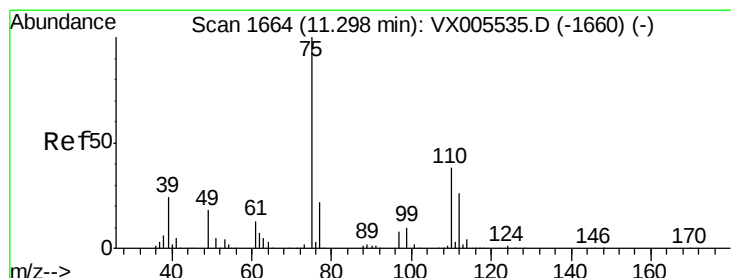
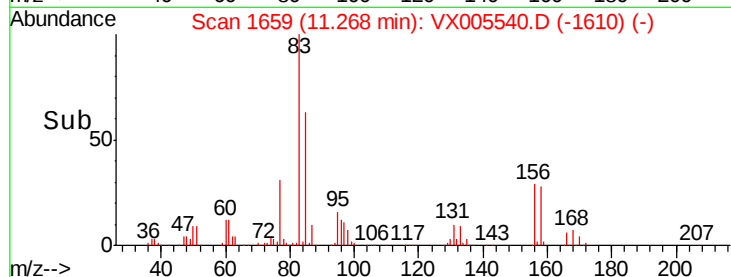
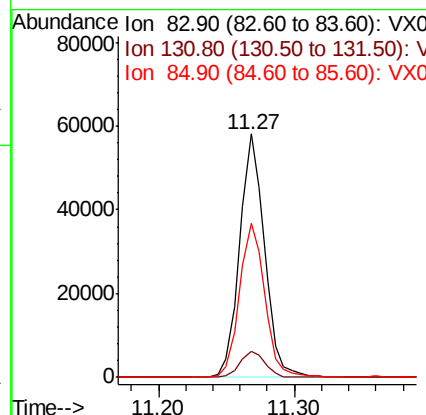
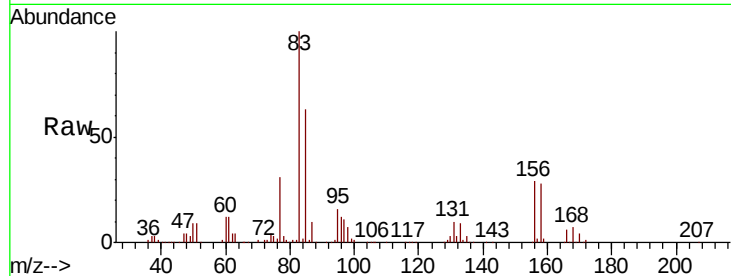
ClientSampleId :

VX1024WBS01

Tot Ion:	83	Resp:	74161
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.2	15.6
85	64.3	32.3	96.8

Manual Integrations
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MMDadoda
10/26/2018 11:53:31 AM



#76

1,2,3-Trichloropropane

Concen: 19.610 ug/l m

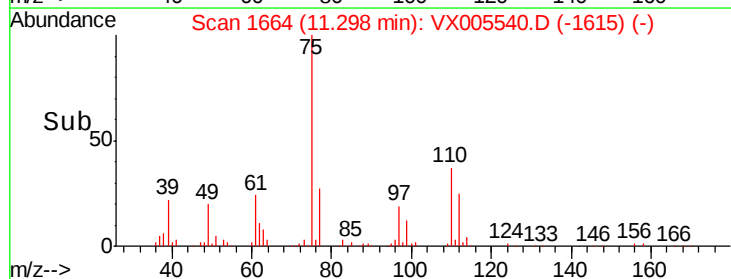
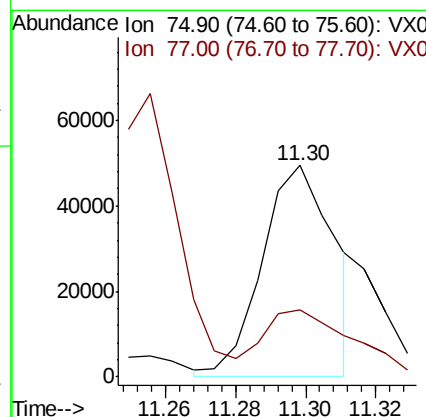
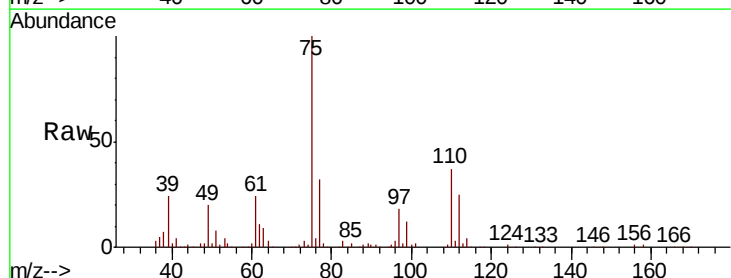
RT: 11.30 min Scan# 1664

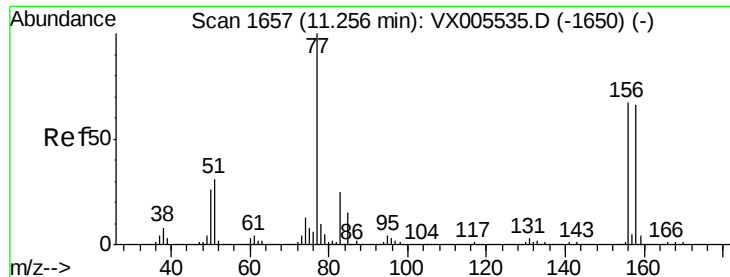
Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion:	75	Resp:	70151
Ion Ratio	Lower	Upper	
75	100		
77	39.7	20.2	60.6





#77

Bromobenzene

Concen: 19.577 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion:156 Resp: 58575

Ion Ratio Lower Upper

156 100

77 147.3 71.5 214.3

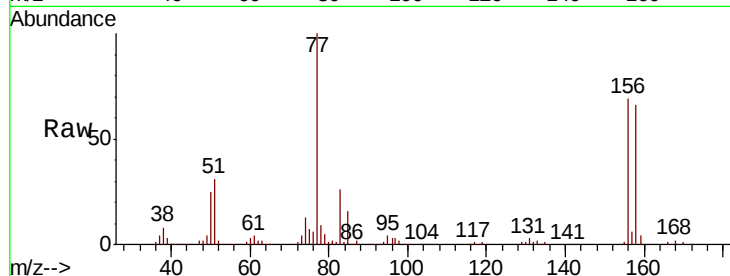
158 98.0 48.9 146.8

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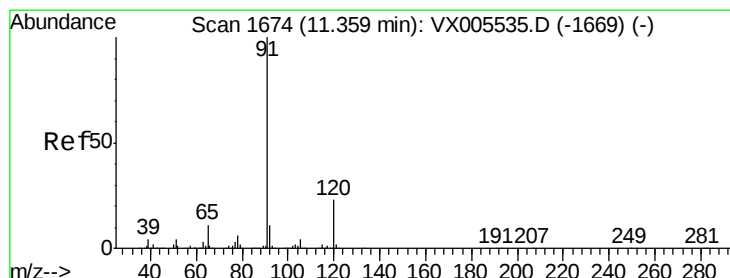
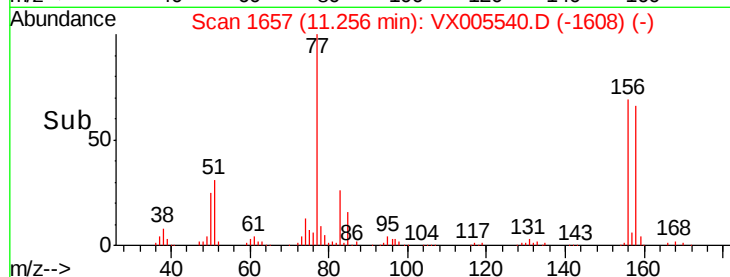
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.26

Time-->



#78

n-propylbenzene

Concen: 20.601 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005540.D

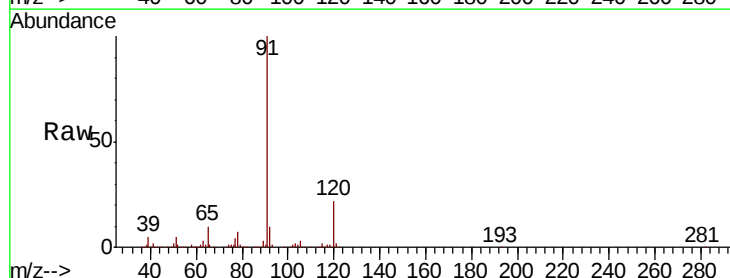
Acq: 24 Oct 2018 14:37

Tgt Ion: 91 Resp: 252897

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.9

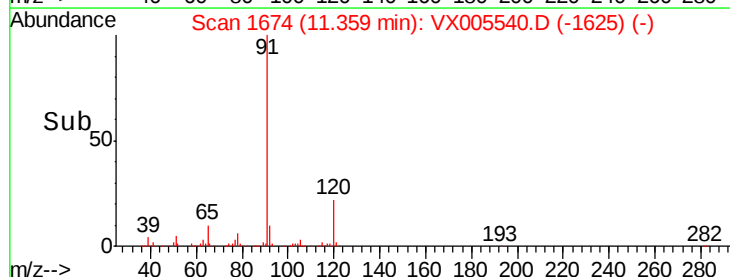


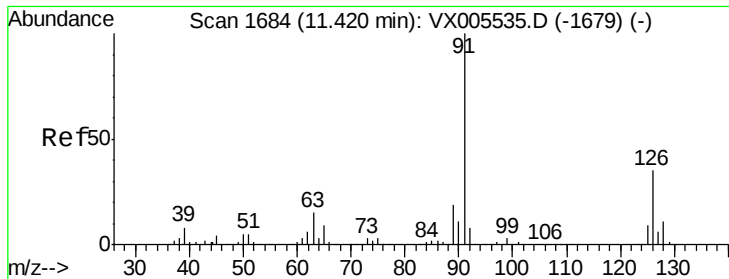
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

Time-->





#79

2-Chlorotoluene

Concen: 19.945 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion: 91 Resp: 151811

Ion Ratio Lower Upper

91 100

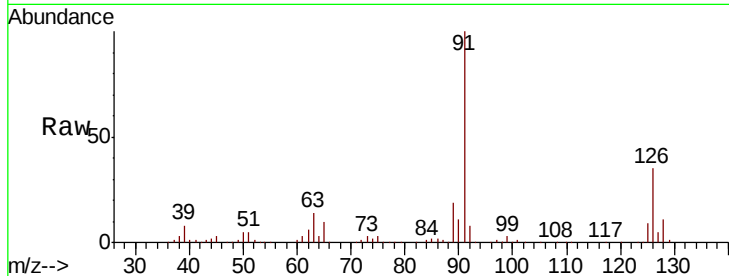
126 34.4 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005535.D (-1679) (-)

200000

150000

100000

50000

0

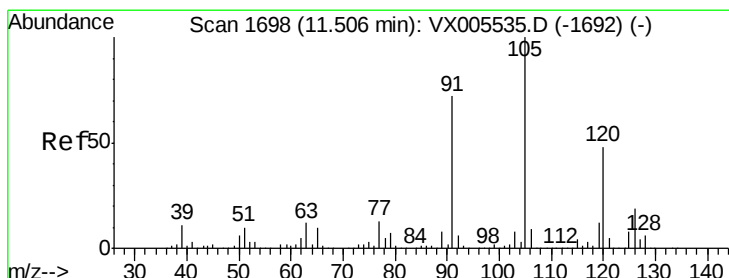
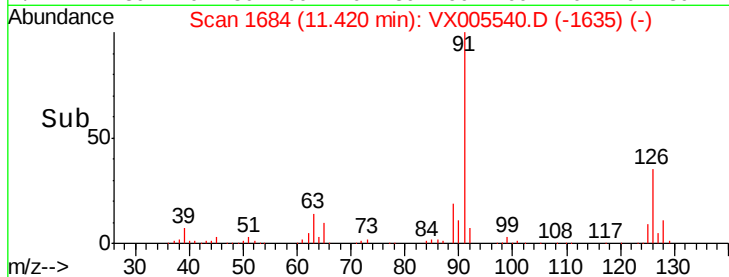
11.35

11.40

11.45

11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.391 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005540.D

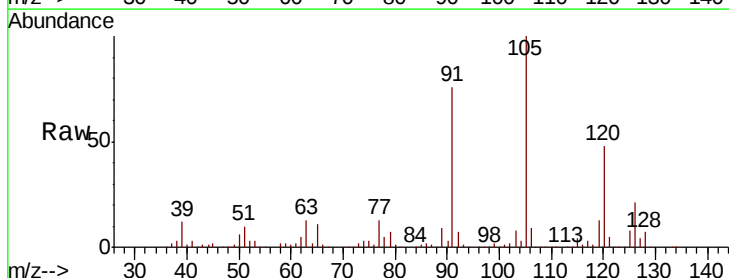
Acq: 24 Oct 2018 14:37

Tgt Ion: 105 Resp: 187269

Ion Ratio Lower Upper

105 100

120 48.2 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005535.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005535.D (-1692) (-)

150000

100000

50000

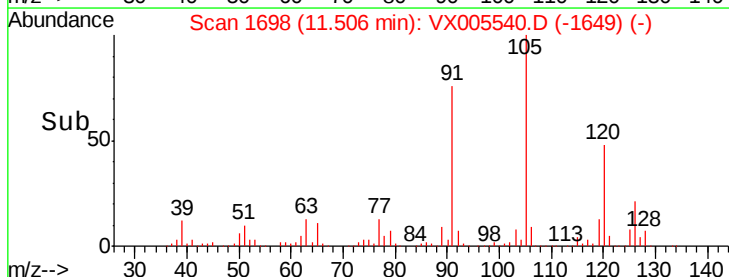
0

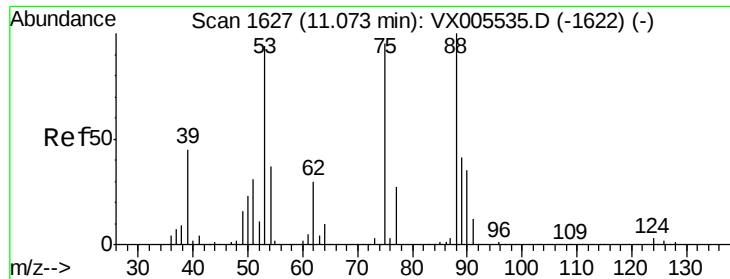
11.40

11.50

11.60

Time-->





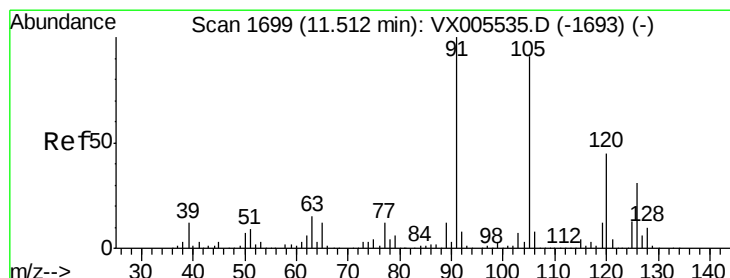
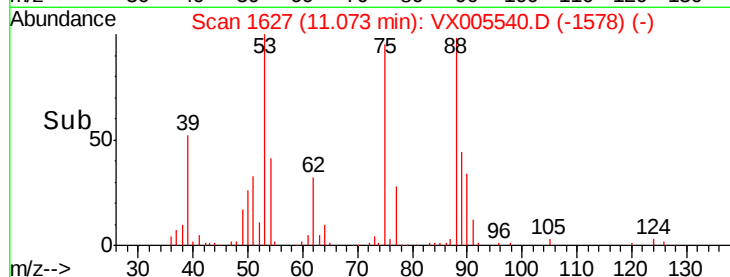
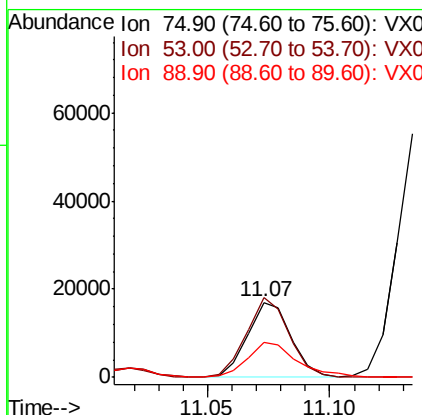
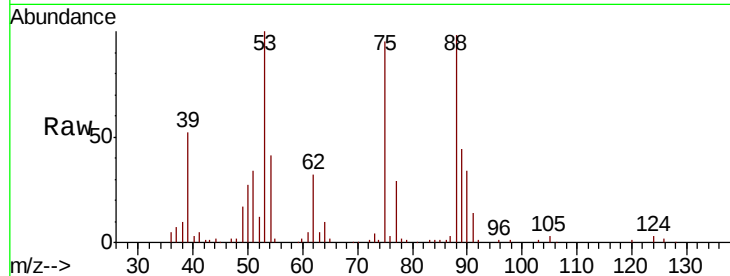
#81
trans-1,4-Dichloro-2-butene
Concen: 18.300 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.5	80.1	120.1
89	53.7	37.2	55.8

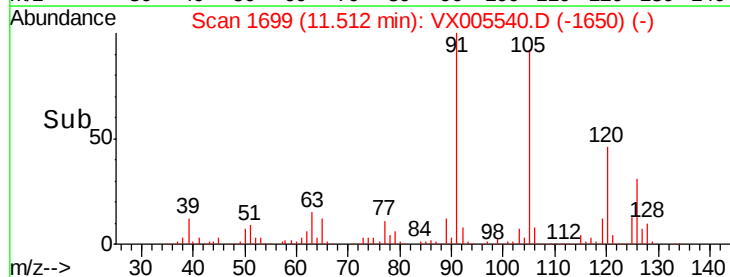
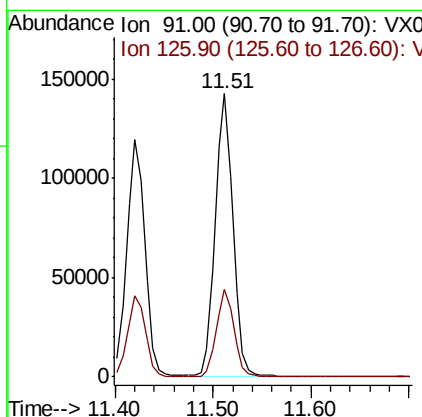
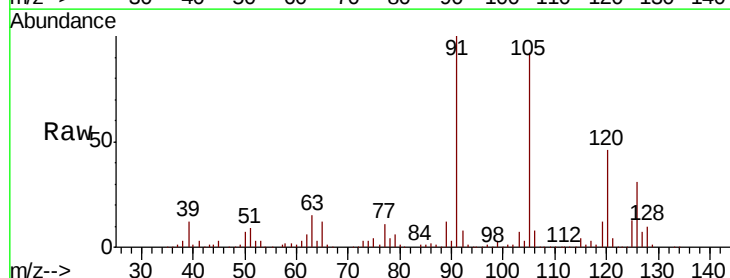
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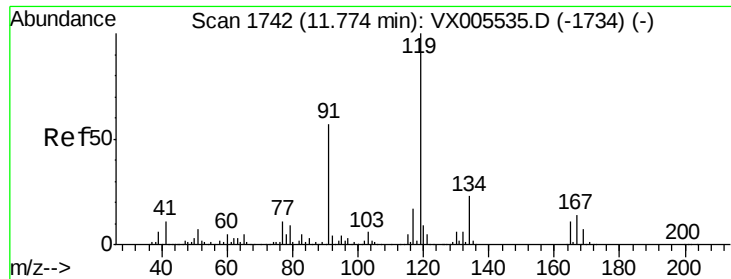
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.094 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.5	46.5





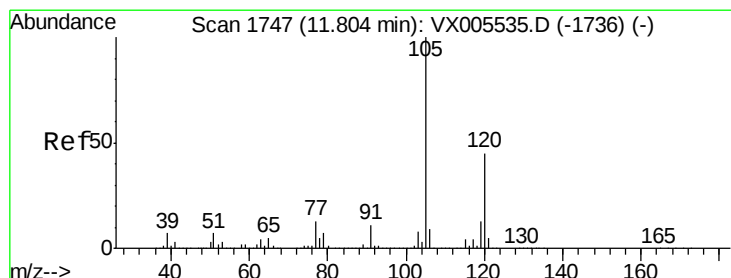
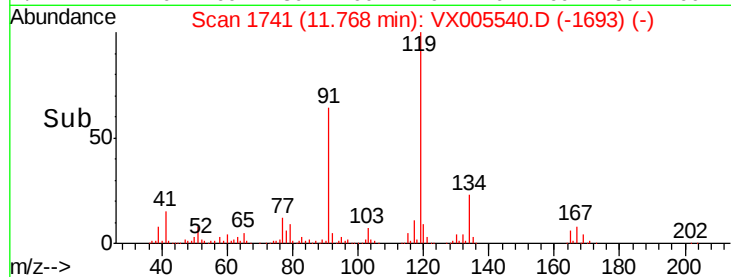
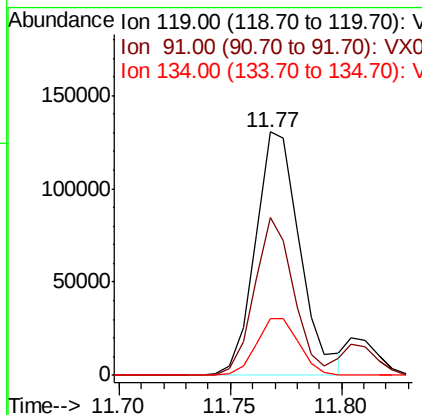
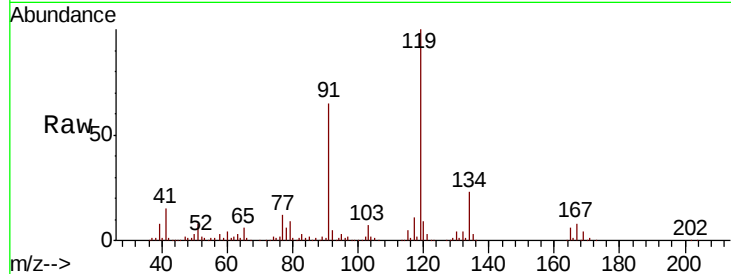
#83
 tert-Butylbenzene
 Concen: 19.786 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181132		
91	57.3	27.0	81.0	
134	22.6	11.7	35.1	

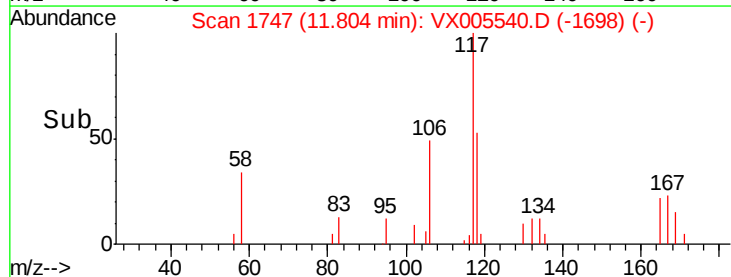
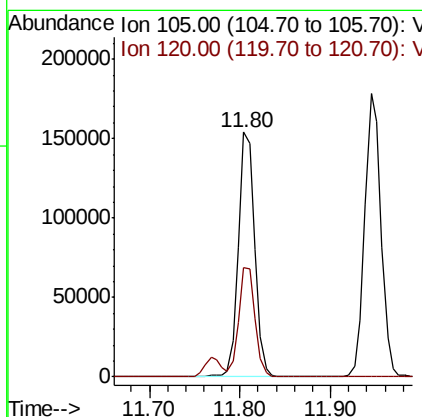
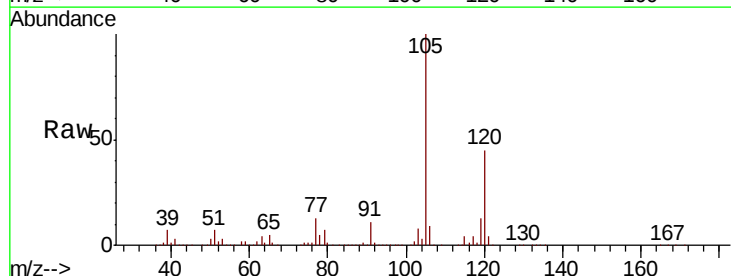
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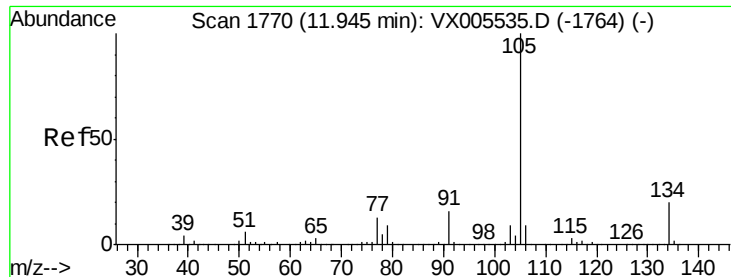
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.750 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193136		
120	44.3	23.2	69.6	





#85

sec-Butylbenzene

Concen: 20.319 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1024WBS01

Tot Ion:105 Resp: 221960

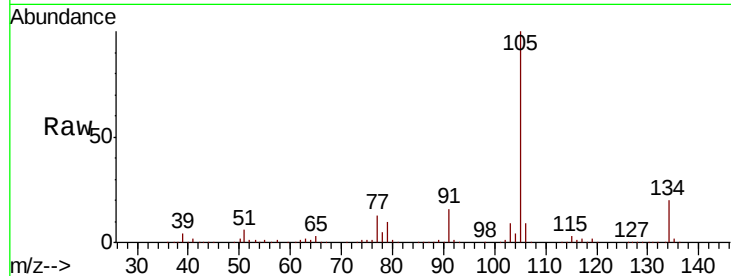
Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5

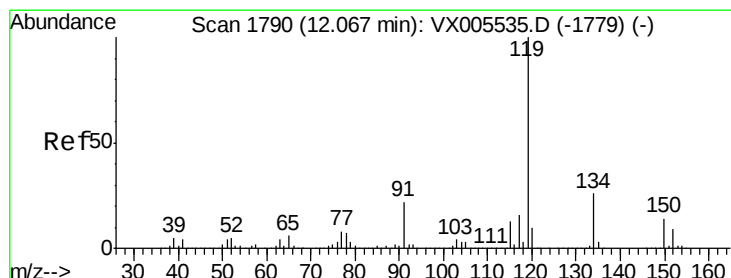
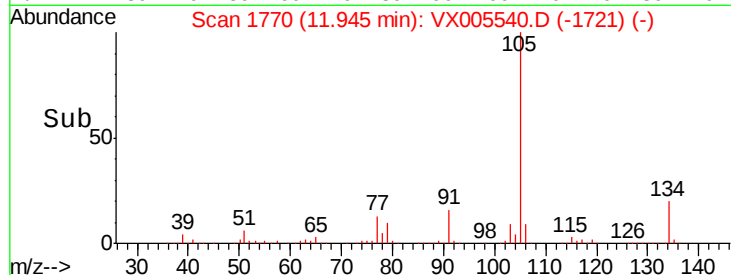
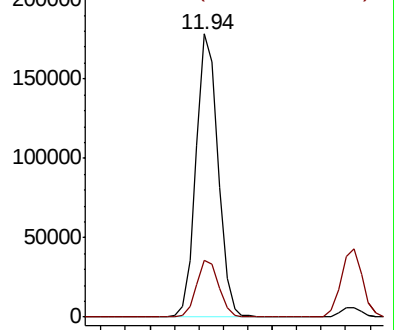
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.655 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

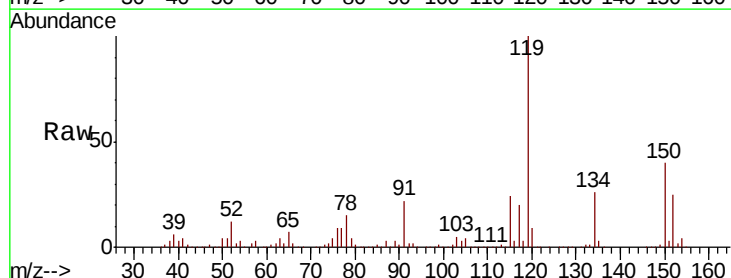
Tgt Ion:119 Resp: 201698

Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

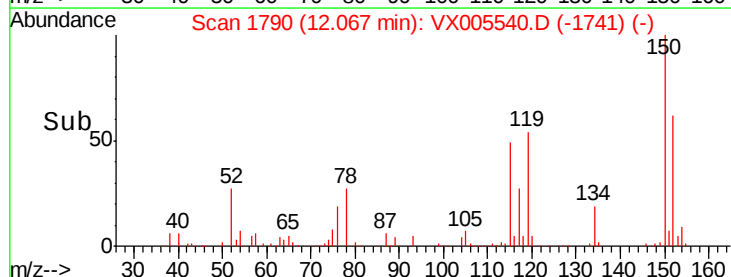
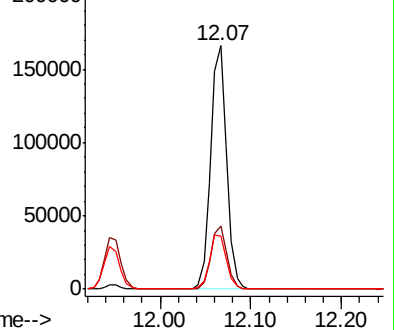
91 23.2 10.9 32.7

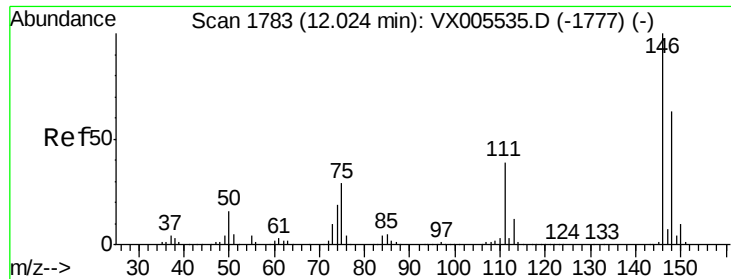


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





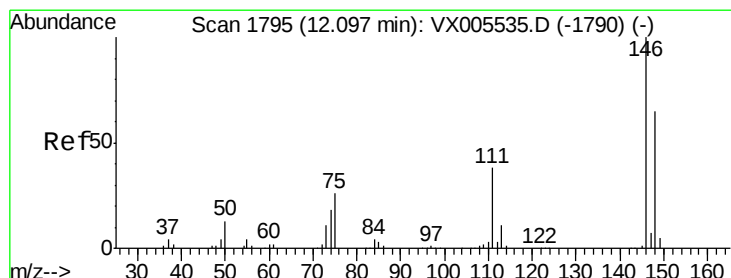
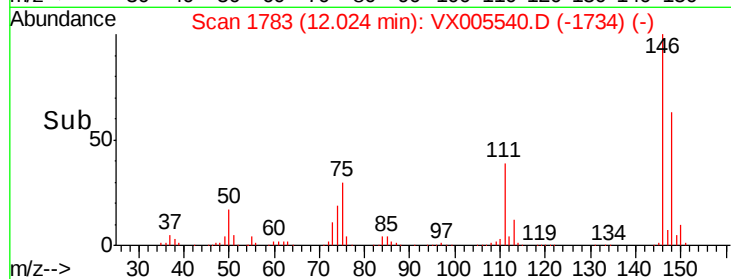
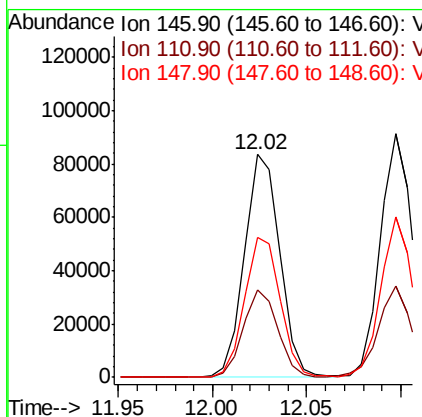
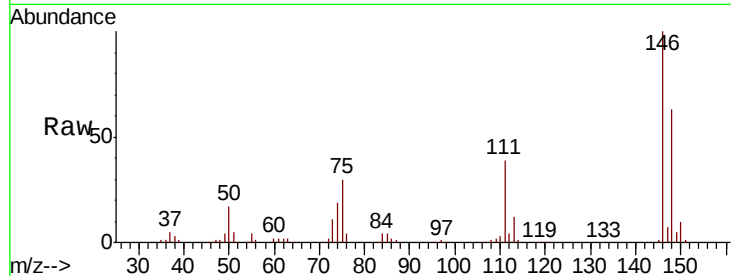
#87
 1,3-Dichlorobenzene
 Concen: 19.349 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.5	32.1	96.5

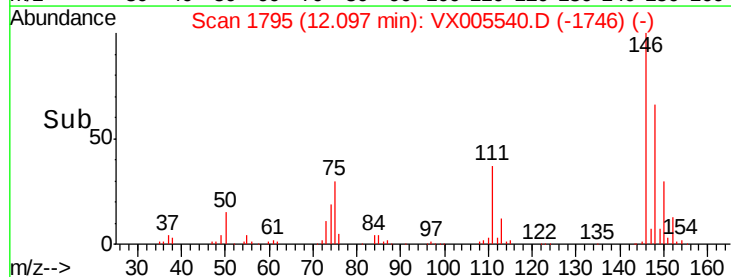
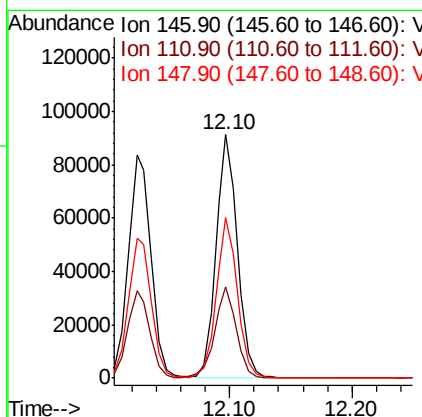
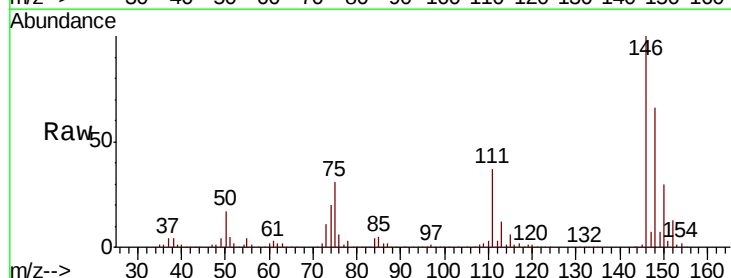
Manual Integrations
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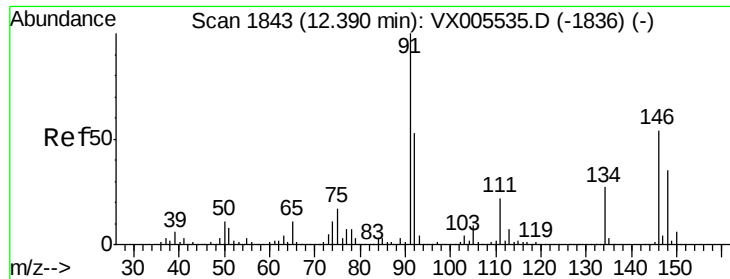
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#88
 1,4-Dichlorobenzene
 Concen: 18.922 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	65.1	32.0	96.0





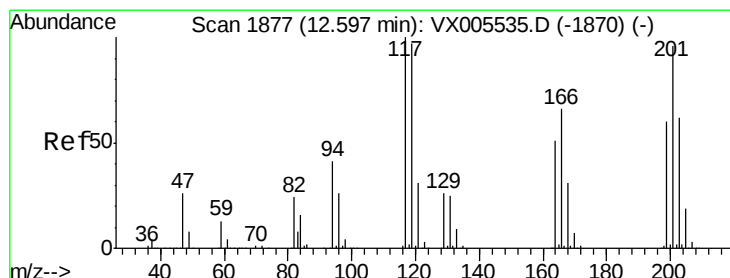
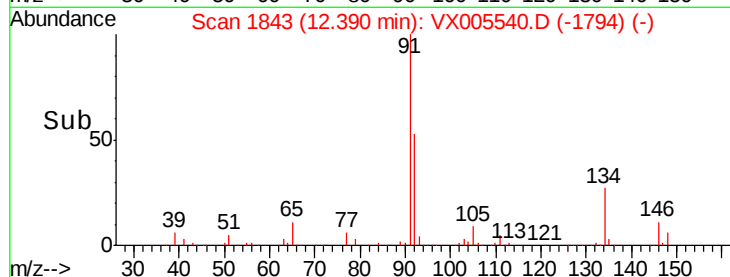
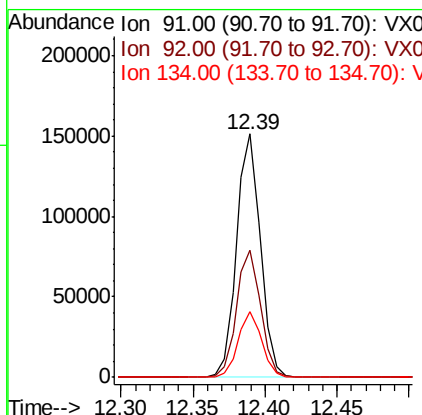
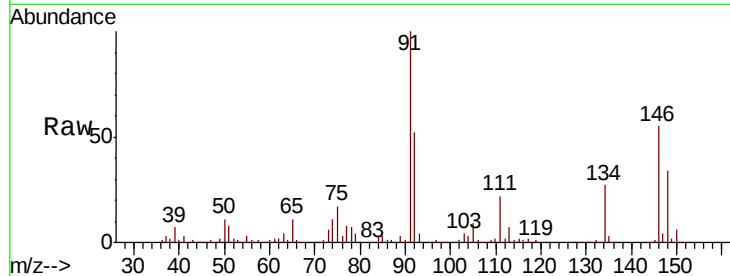
#89
n-Butylbenzene
Concen: 19.906 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.3	81.9
134	26.6	13.6	40.7

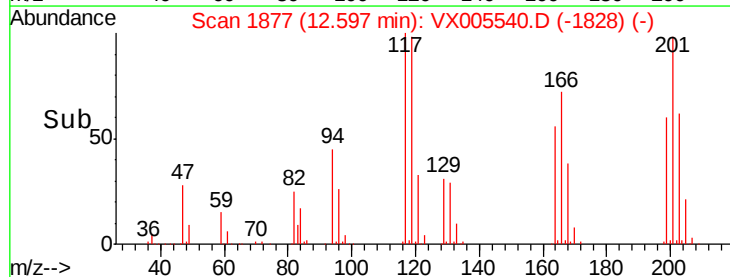
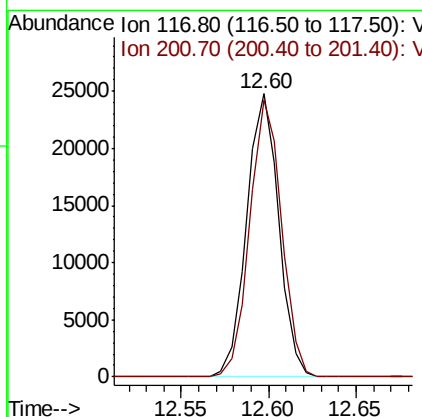
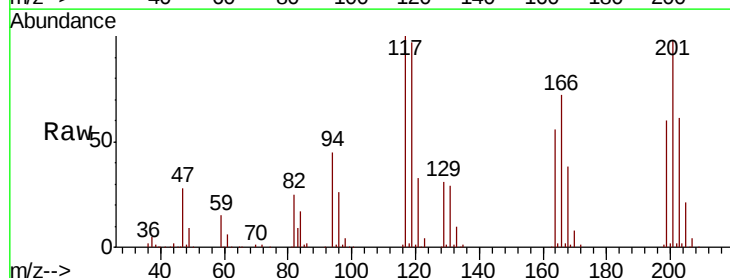
Manual Integrations
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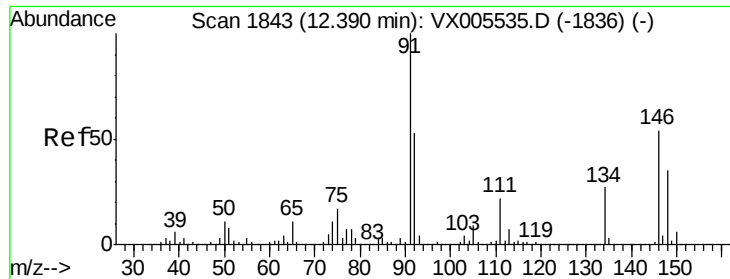
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#90
Hexachloroethane
Concen: 18.700 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.2	46.9	140.6





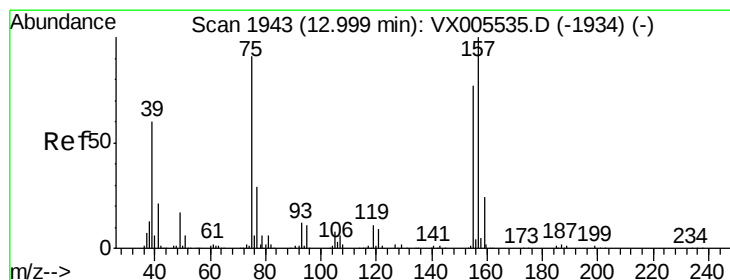
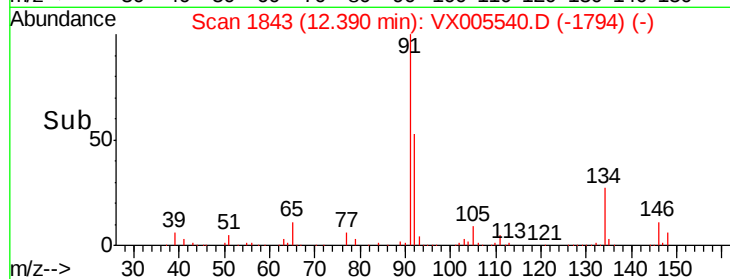
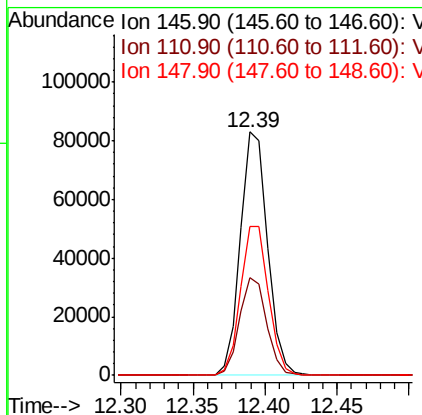
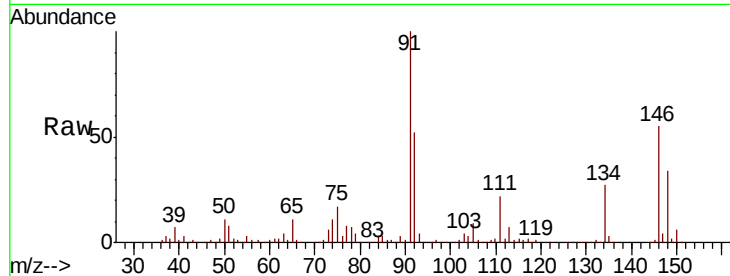
#91
 1,2-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1024WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	108933		
111	39.9	19.4	58.1	
148	63.0	32.8	98.3	

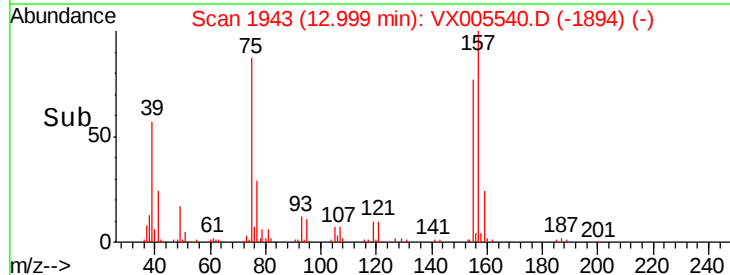
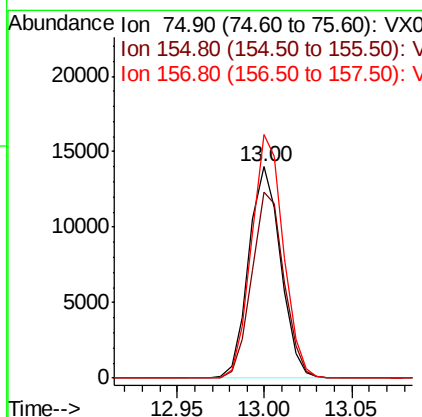
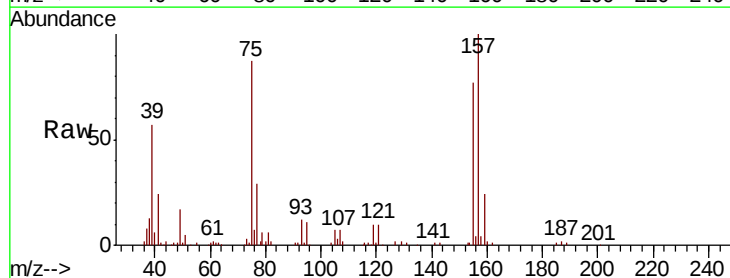
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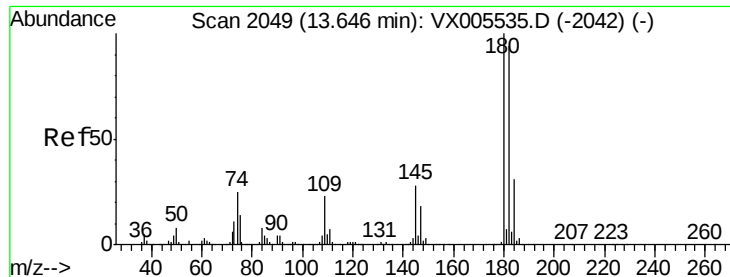
MMDadoda
 10/26/2018 11:53:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.578 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005540.D
 Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17792		
155	88.9	48.0	144.2	
157	114.6	61.4	184.1	





#93

1,2,4-Trichlorobenzene

Concen: 19.775 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Instrument :

MSVOA_X

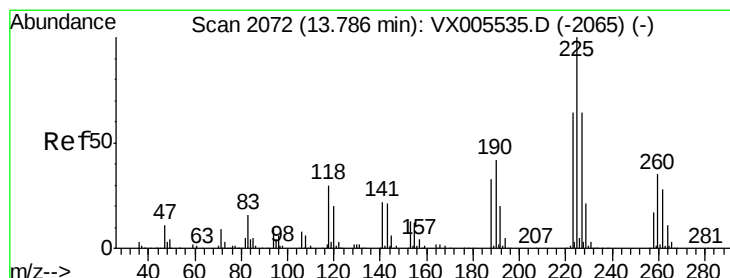
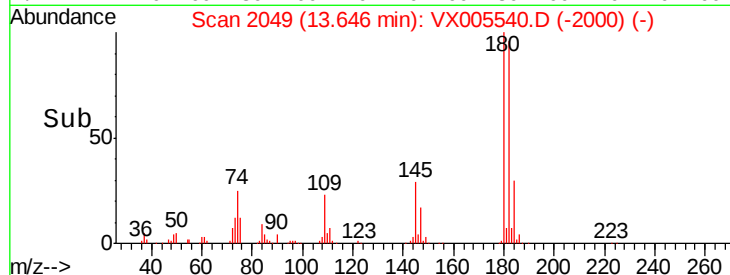
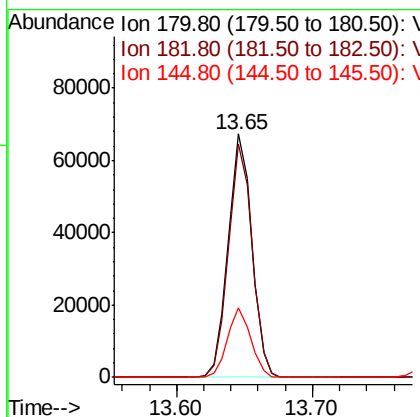
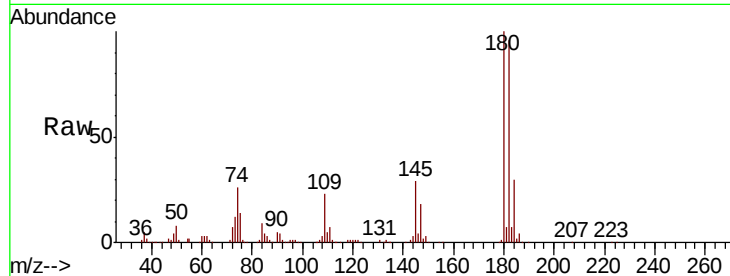
ClientSampleId :

VX1024WBS01

Tot Ion:	180	Resp:	81598
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.4	145.0
145	28.1	14.3	42.9

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:53:31 AM



#94

Hexachlorobutadiene

Concen: 19.232 ug/l

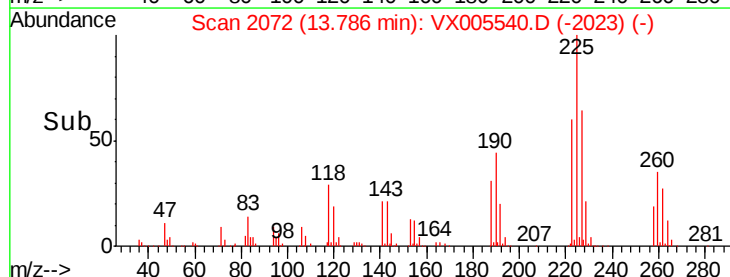
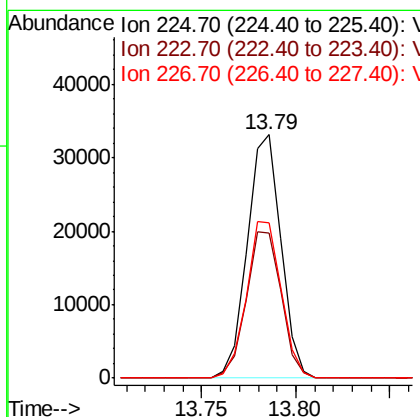
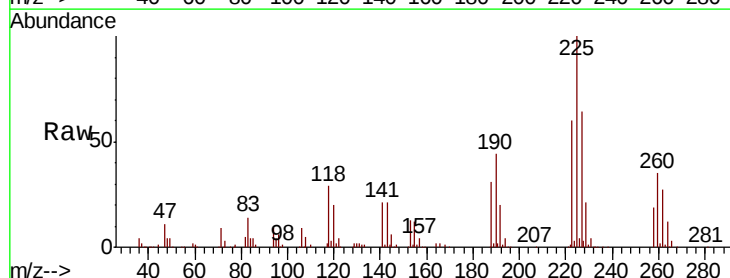
RT: 13.79 min Scan# 2072

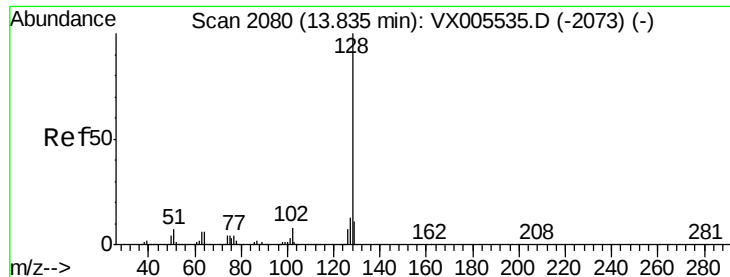
Delta R.T. -0.00 min

Lab File: VX005540.D

Acq: 24 Oct 2018 14:37

Tgt Ion:	225	Resp:	41126
Ion Ratio	Lower	Upper	
225	100		
223	62.7	30.1	90.5
227	66.1	30.8	92.4





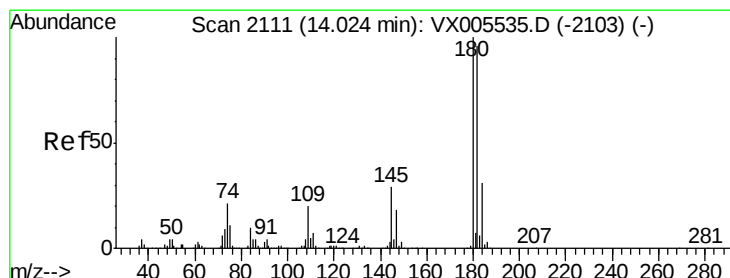
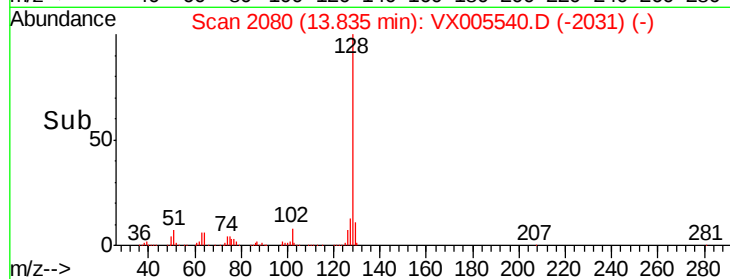
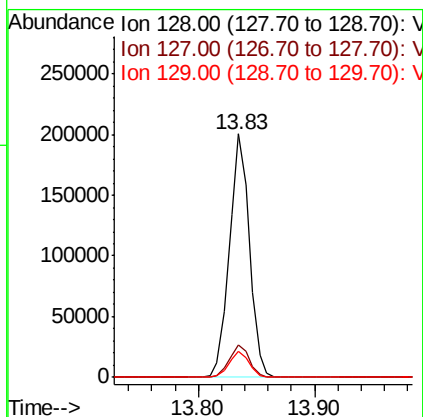
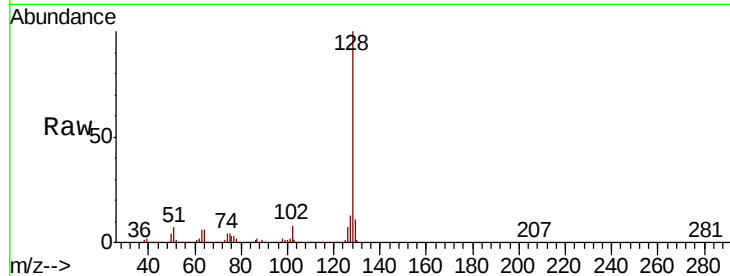
#95
Naphthalene
Concen: 19.977 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1024WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/26/2018 11:53:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.896 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005540.D
Acq: 24 Oct 2018 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.5	145.6
145	30.4	14.9	44.9

