

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005535.D
 Acq On : 24 Oct 2018 11:59
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 02:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 01:45:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	131310	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	107495	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	8.71	98	398959	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	11.14	95	149240	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119706	56.241	ug/l	100
3) Chloromethane	1.32	50	134299	49.546	ug/l	100
4) Vinyl Chloride	1.40	62	137247	51.495	ug/l	100
5) Bromomethane	1.64	94	78837	47.537	ug/l	100
6) Chloroethane	1.71	64	83417	48.993	ug/l	100
7) Trichlorofluoromethane	1.92	101	186621	50.391	ug/l	100
8) Diethyl Ether	2.19	74	73393	49.659	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106107	49.936	ug/l	100
10) Methyl Iodide	2.51	142	112971	56.268	ug/l	100
11) Tert butyl alcohol	3.08	59	173246	244.582	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100388	49.594	ug/l	100
13) Acrolein	2.29	56	91886	254.302	ug/l	100
14) Allyl chloride	2.72	41	225919	50.009	ug/l	100
15) Acrylonitrile	3.15	53	392843	247.327	ug/l	100
16) Acetone	2.45	43	340449	244.765	ug/l	100
17) Carbon Disulfide	2.57	76	304216	49.303	ug/l	100
18) Methyl Acetate	2.78	43	180585	46.346	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	357230	49.474	ug/l	100
20) Methylene Chloride	2.85	84	111943	48.053	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	107099	48.459	ug/l	100
22) Diisopropyl ether	3.87	45	387238	49.086	ug/l	100
23) Vinyl Acetate	3.82	43	1795914	258.483	ug/l	100
24) 1,1-Dichloroethane	3.69	63	206087	48.049	ug/l	100
25) 2-Butanone	4.70	43	510572	241.052	ug/l	100
26) 2,2-Dichloropropane	4.59	77	160151	48.364	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	115280	48.383	ug/l	100
28) Bromochloromethane	5.01	49	104975	50.603	ug/l	100
29) Tetrahydrofuran	5.15	42	338549	245.608	ug/l	100
30) Chloroform	5.21	83	193913	48.333	ug/l	100
31) Cyclohexane	5.57	56	186029	52.421	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	178852	50.508	ug/l	100
36) 1,1-Dichloropropene	5.79	75	149945	49.808	ug/l	100
37) Ethyl Acetate	4.85	43	188303	49.017	ug/l	100
38) Carbon Tetrachloride	5.78	117	157340	49.623	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177569	53.416	ug/l	100
40) Benzene	6.14	78	433844	50.273	ug/l	100
41) Methacrylonitrile	5.06	41	107130	50.063	ug/l	100
42) 1,2-Dichloroethane	6.20	62	164342	50.129	ug/l	100
43) Isopropyl Acetate	6.46	43	296099	51.436	ug/l	100
44) Trichloroethene	7.21	130	116919	49.732	ug/l	100
45) 1,2-Dichloropropane	7.52	63	115517	49.789	ug/l	100
46) Dibromomethane	7.66	93	75328	50.269	ug/l	100
47) Bromodichloromethane	7.90	83	147284	50.642	ug/l	100
48) Methyl methacrylate	7.77	41	147437	52.573	ug/l	100
49) 1,4-Dioxane	7.76	88	62681	1022.757	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1001135	258.768	ug/l	100
52) Toluene	8.79	92	271626	51.790	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	167330	53.234	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	180048	53.203	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110700	50.063	ug/l	100
56) Ethyl methacrylate	9.18	69	176378	53.476	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190096	50.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	492926	267.590	ug/l	100
59) 2-Hexanone	9.50	43	805898	264.195	ug/l	100
60) Dibromochloromethane	9.59	129	120329	52.157	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117278	51.267	ug/l	100
64) Tetrachloroethene	9.34	164	120191	50.089	ug/l	100
65) Chlorobenzene	10.14	112	304592	49.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112492	50.122	ug/l	100
67) Ethyl Benzene	10.25	91	530909	52.425	ug/l	100
68) m/p-Xylenes	10.36	106	410520	104.484	ug/l	100
69) o-Xylene	10.70	106	196920	53.272	ug/l	100
70) Styrene	10.71	104	332597	53.748	ug/l	100
71) Bromoform	10.86	173	99475	49.669	ug/l #	100
73) Isopropylbenzene	11.02	105	541161	53.104	ug/l	100
74) N-amyl acetate	10.90	43	266104	52.699	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	184169	48.986	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	174983m	51.224	ug/l	
77) Bromobenzene	11.26	156	141786	49.924	ug/l	100
78) n-propylbenzene	11.36	91	619572	53.170	ug/l	100
79) 2-Chlorotoluene	11.42	91	371558	51.427	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	463132	53.126	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56448	52.219	ug/l	100
82) 4-Chlorotoluene	11.51	91	440419	51.696	ug/l	100
83) tert-Butylbenzene	11.77	119	456088	52.486	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	474835	53.744	ug/l	100
85) sec-Butylbenzene	11.94	105	550081	53.050	ug/l	100
86) p-Isopropyltoluene	12.07	119	502444	54.205	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	266958	49.987	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	269825	48.303	ug/l	100
89) n-Butylbenzene	12.39	91	444055	53.065	ug/l	100
90) Hexachloroethane	12.60	117	81722	51.118	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	266854	49.388	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45442	49.989	ug/l	100

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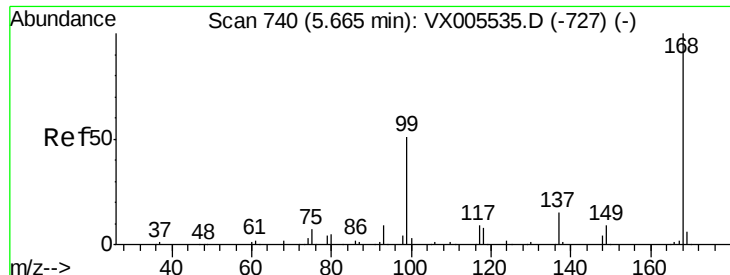
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	201549	51.457	ug/l	100
94) Hexachlorobutadiene	13.79	225	97620	48.094	ug/l	100
95) Naphthalene	13.83	128	624342	54.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207418	52.241	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 215637

Ion Ratio Lower Upper

168 100

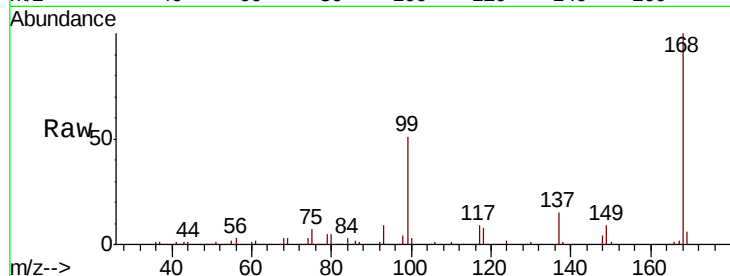
99 50.9 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

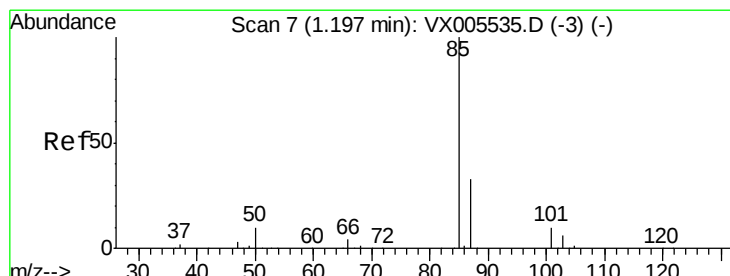
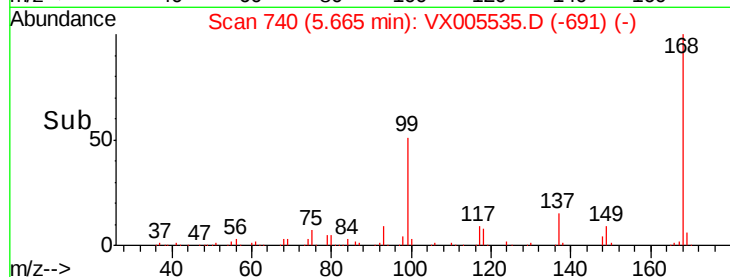
40000

20000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 56.241 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005535.D

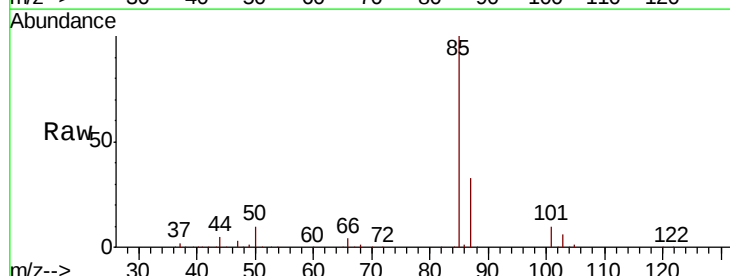
Acq: 24 Oct 2018 11:59

Tgt Ion: 85 Resp: 119706

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

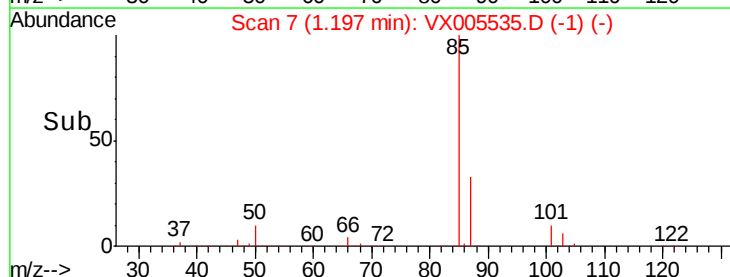
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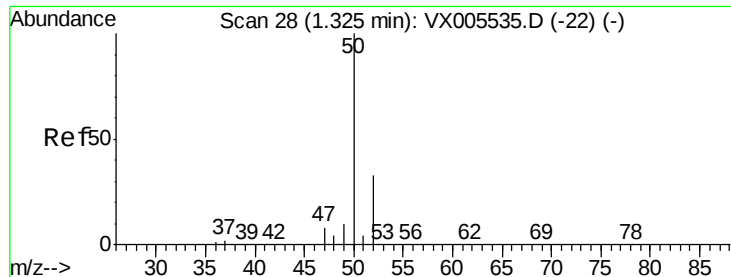
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.546 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 134299

Ion Ratio Lower Upper

50 100

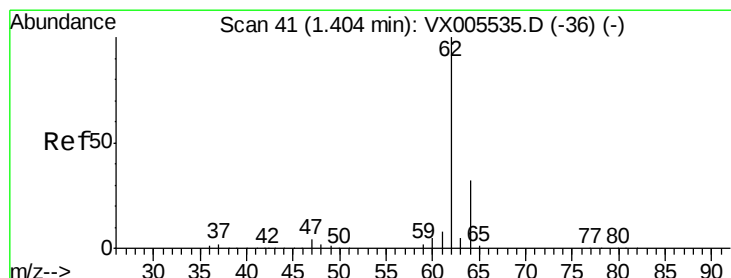
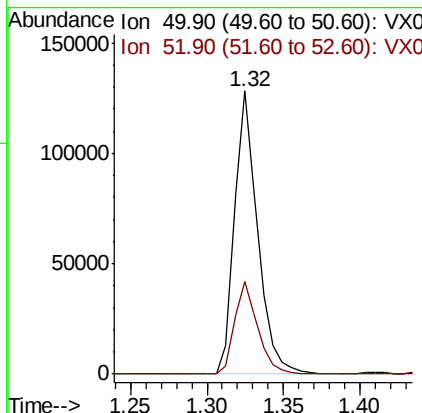
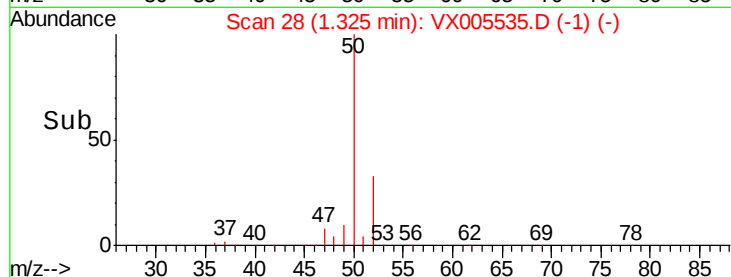
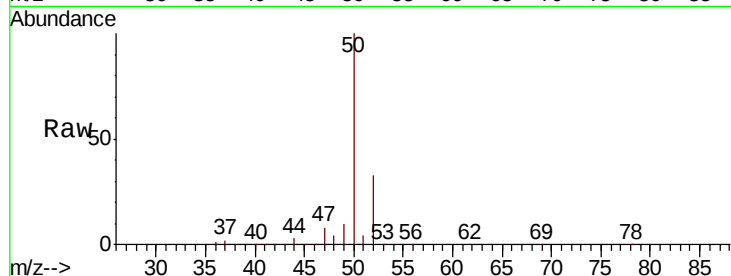
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.495 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005535.D

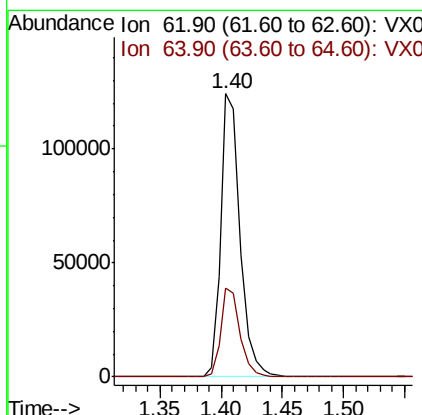
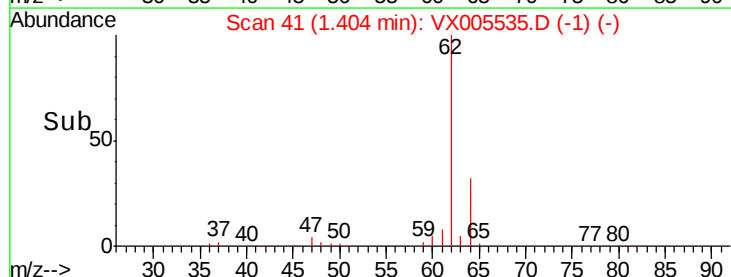
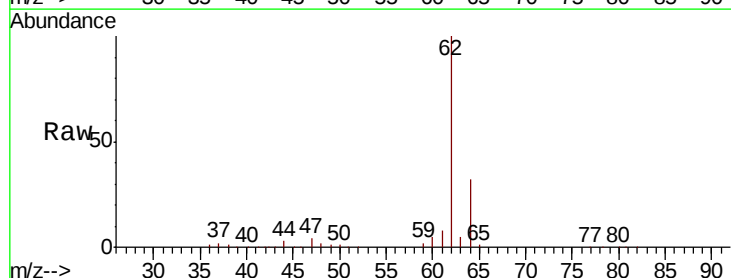
Acq: 24 Oct 2018 11:59

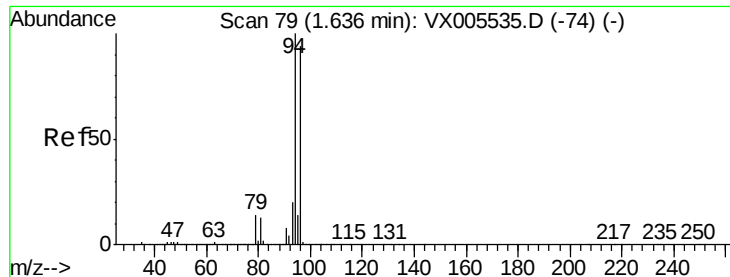
Tgt Ion: 62 Resp: 137247

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 47.537 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 78837

Ion Ratio Lower Upper

94 100

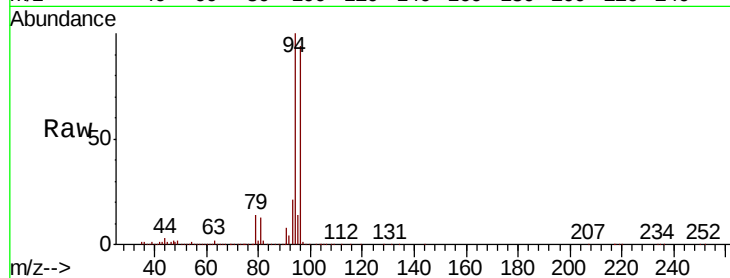
96 94.0 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

100000

80000

60000

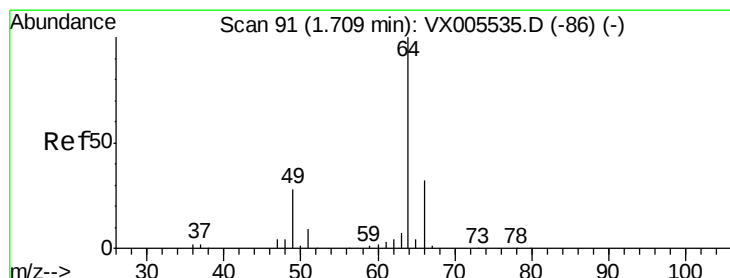
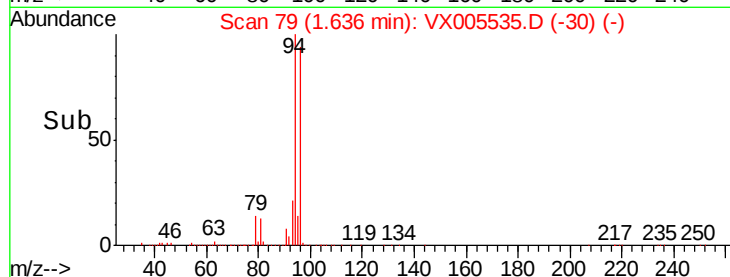
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 48.993 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005535.D

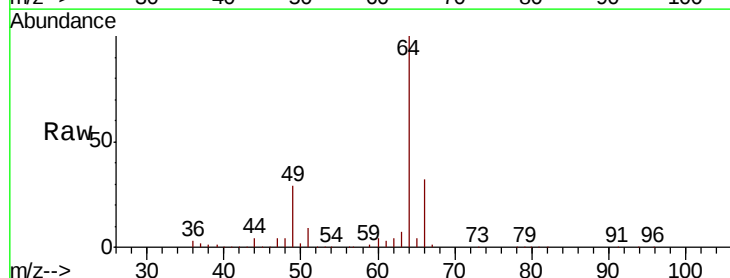
Acq: 24 Oct 2018 11:59

Tgt Ion: 64 Resp: 83417

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

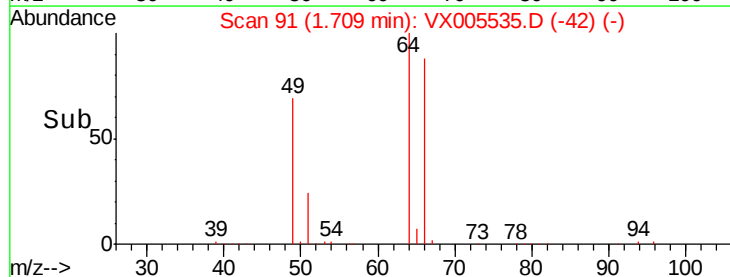
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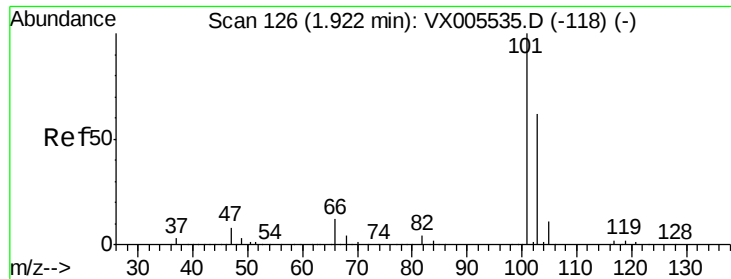
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1.65 1.70 1.75 1.80

Time-->





#7

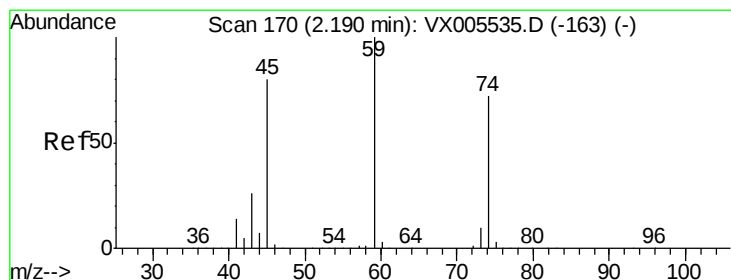
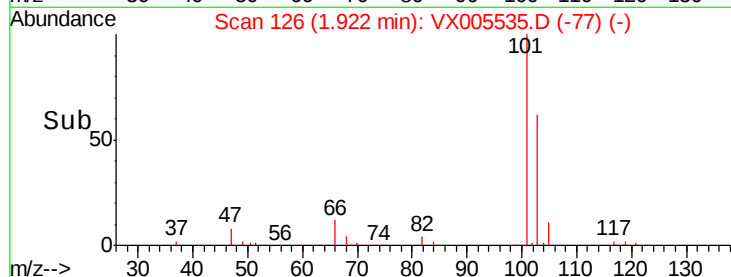
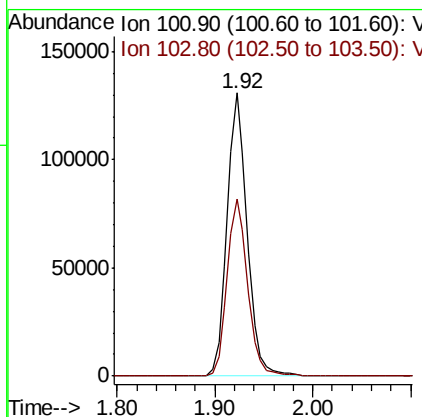
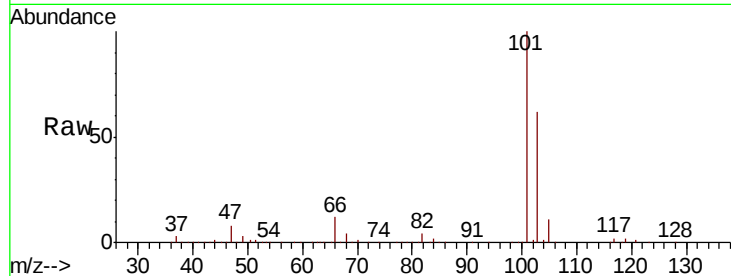
Trichlorofluoromethane
Concen: 50.391 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.0	75.0

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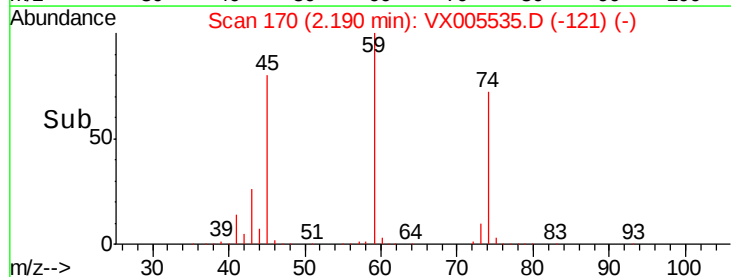
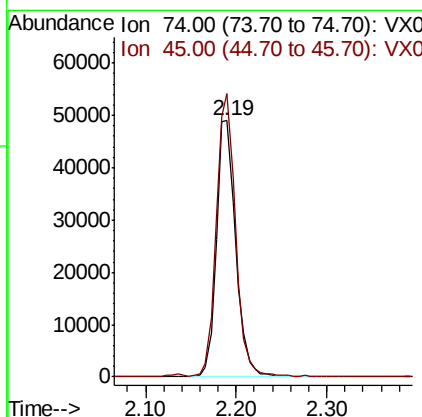
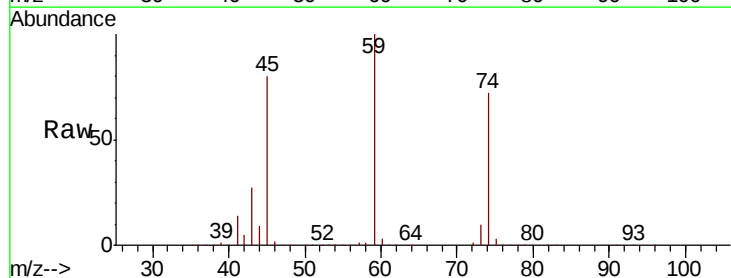
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10/26/2018 11:53:10 AM



#8

Diethyl Ether
Concen: 49.659 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.2	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.936 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

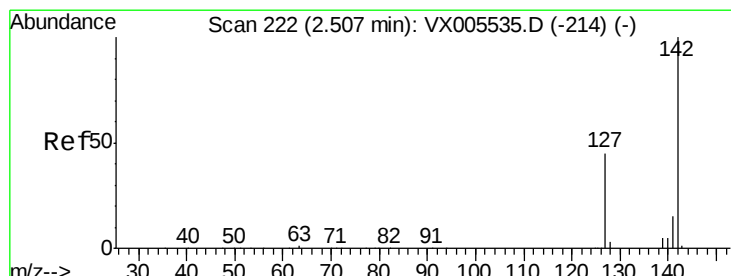
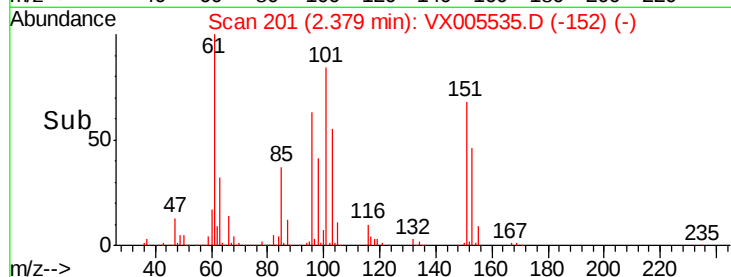
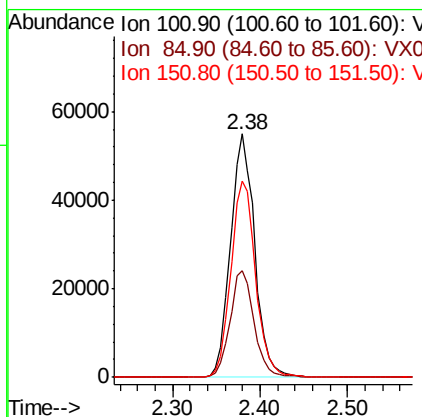
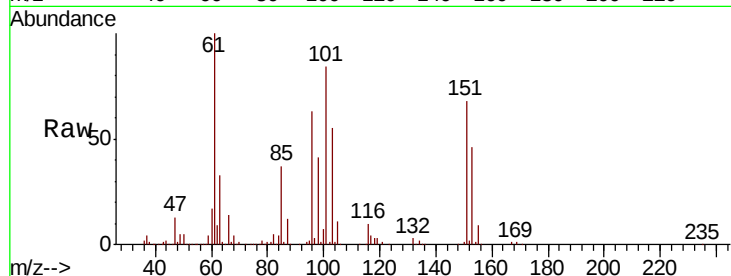
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	106107
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	82.7	66.2	99.2

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



#10

Methyl Iodide

Concen: 56.268 ug/l

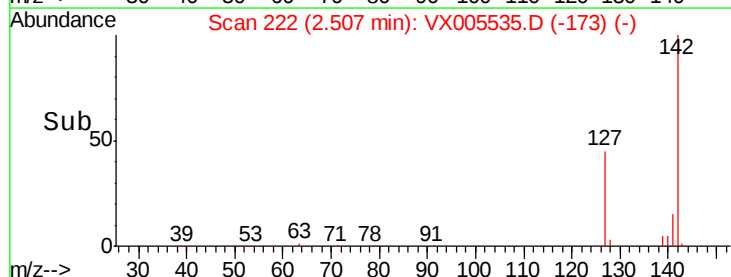
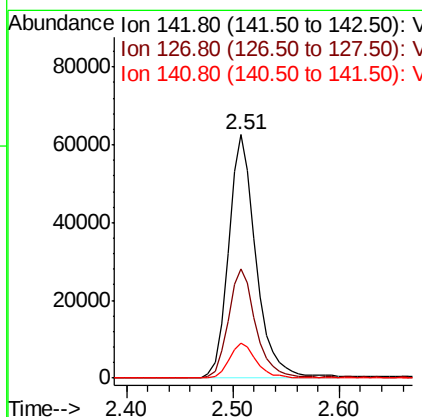
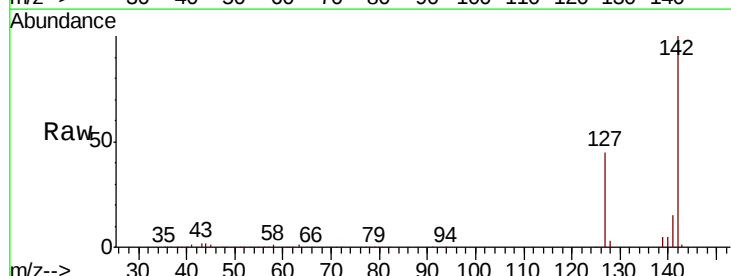
RT: 2.51 min Scan# 222

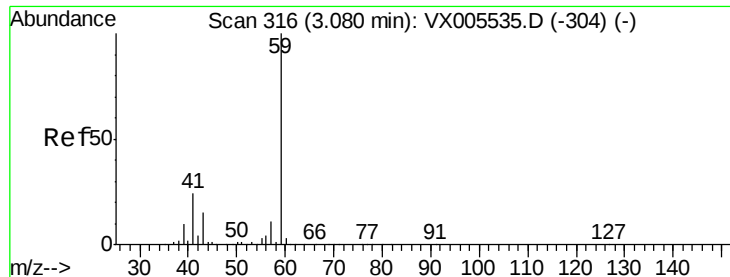
Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Tgt Ion:	142	Resp:	112971
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.0	54.0
141	14.6	11.7	17.5





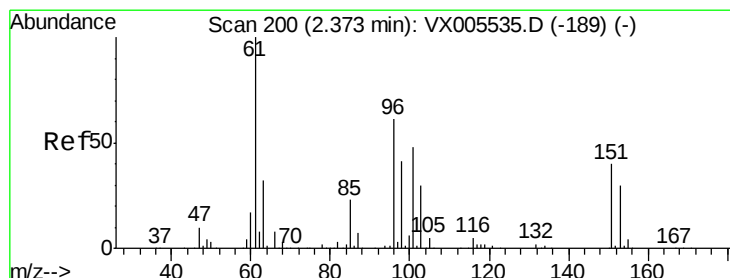
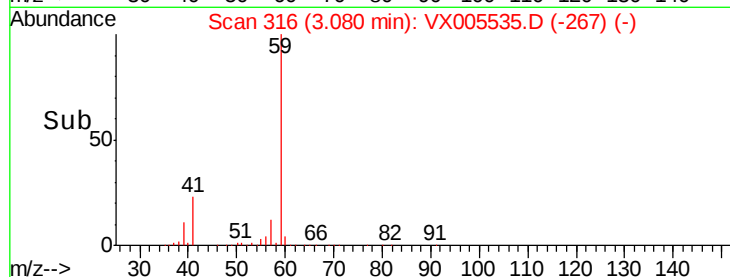
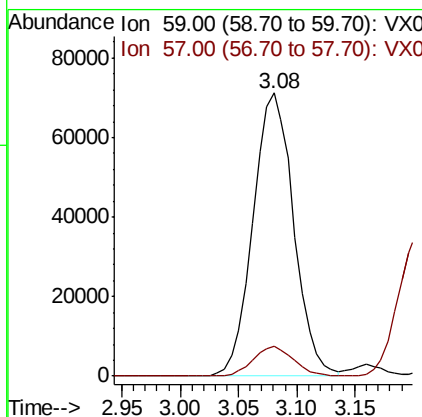
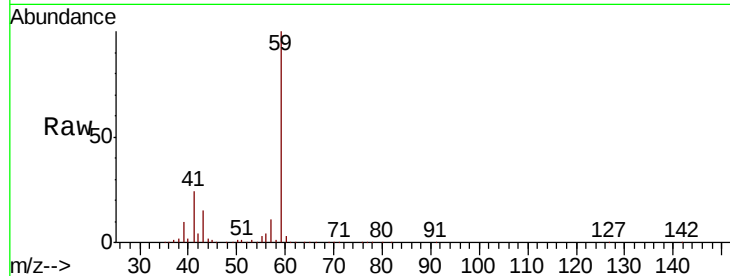
#11
Tert butyl alcohol
Concen: 244.582 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 59 Resp: 173246
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

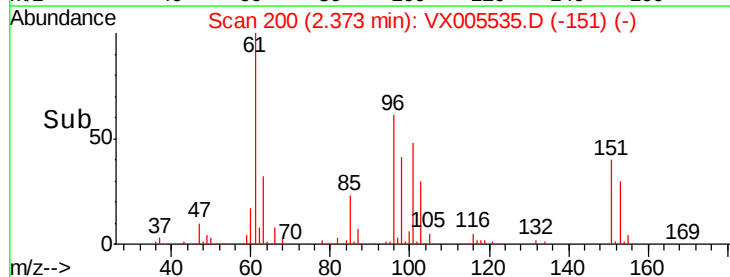
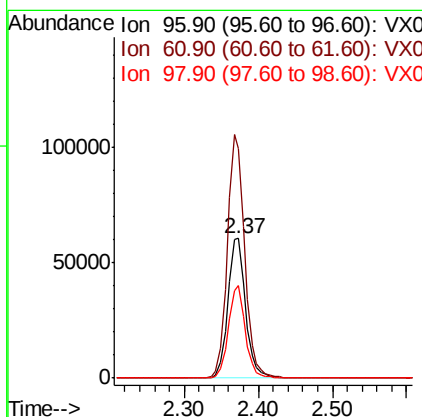
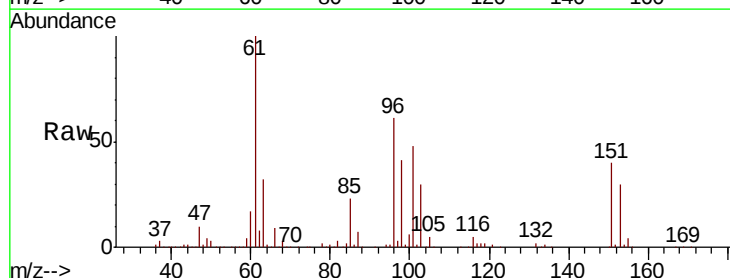
Manual Integrations
APPROVED

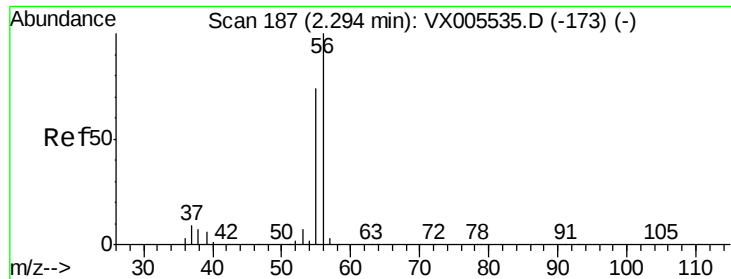
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.594 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 96 Resp: 100388
Ion Ratio Lower Upper
96 100
61 164.8 131.8 197.8
98 66.8 53.4 80.2





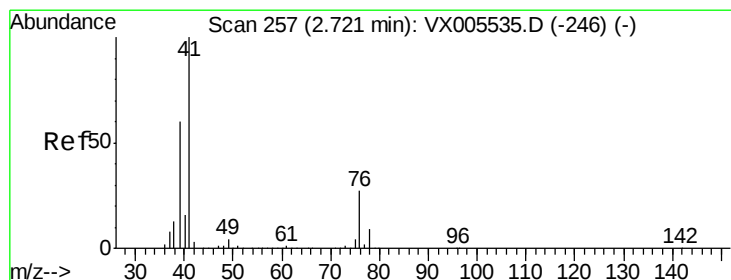
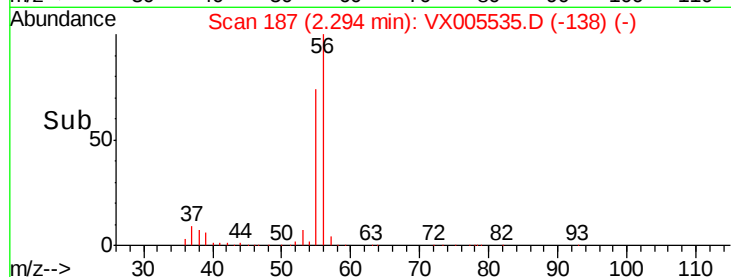
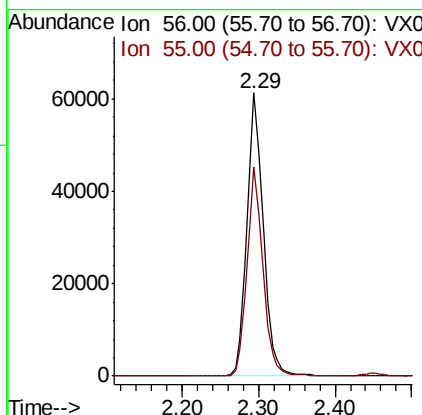
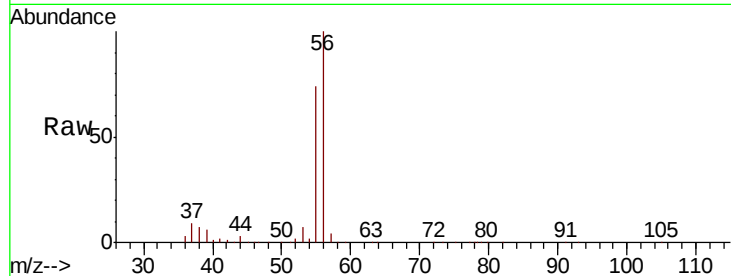
#13
Acrolein
Concen: 254.302 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	56	55	Ratio	Lower	Upper
56	100				
55	71.6		57.3	85.9	

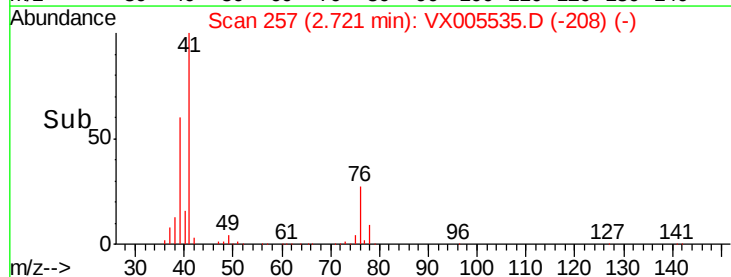
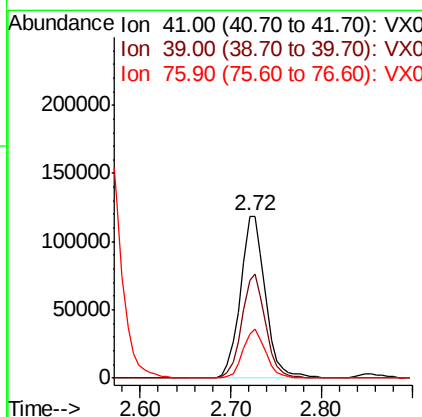
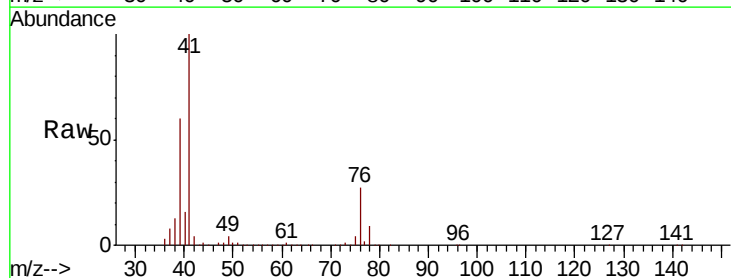
Manual Integrations
APPROVED

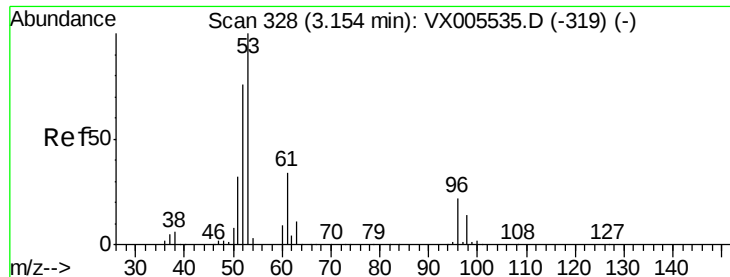
MMDadoda
10/26/2018 11:53:10 AM



#14
Allyl chloride
Concen: 50.009 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	41	39	76	Ratio	Lower	Upper
41	100					
39	60.3			48.2	72.4	
76	27.4			21.9	32.9	





#15

Acrylonitrile

Concen: 247.327 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

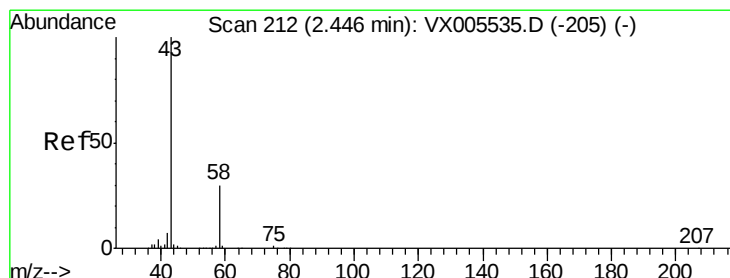
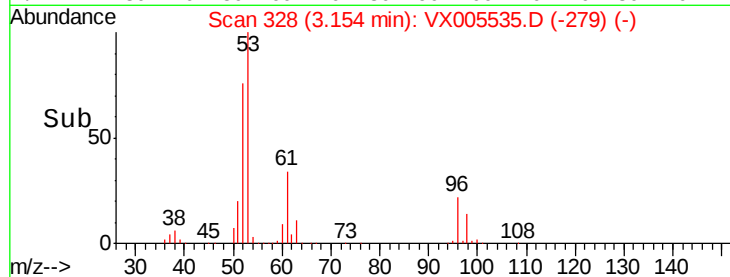
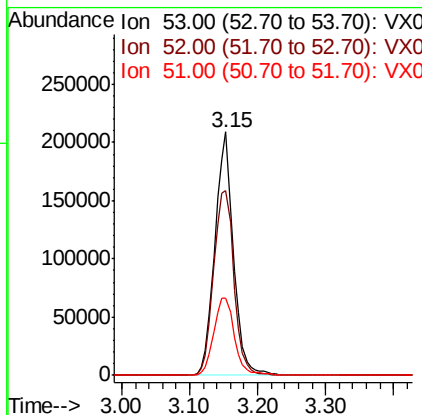
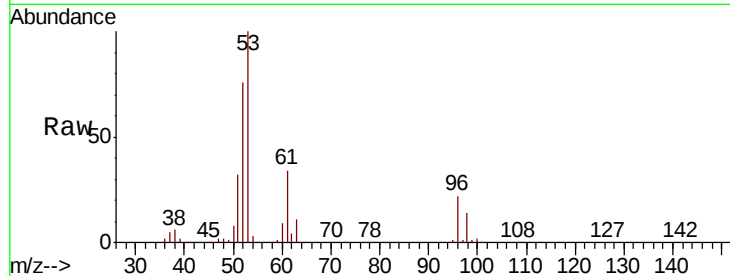
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	392843
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	99.8
51	35.5	28.4	42.6

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#16

Acetone

Concen: 244.765 ug/l

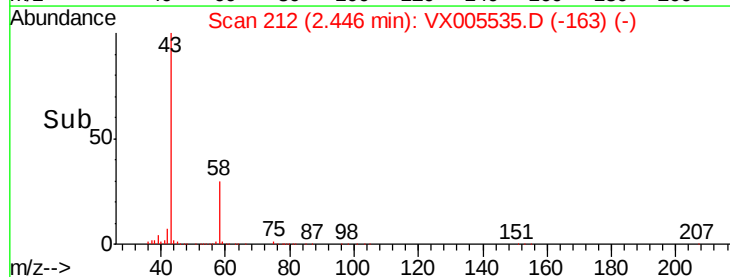
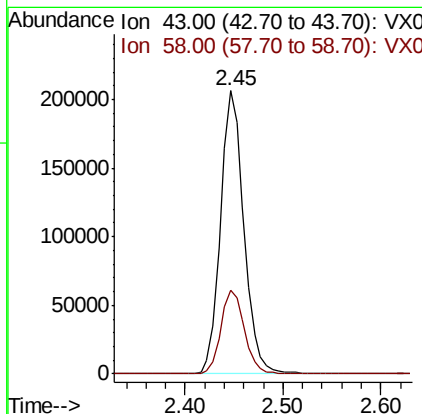
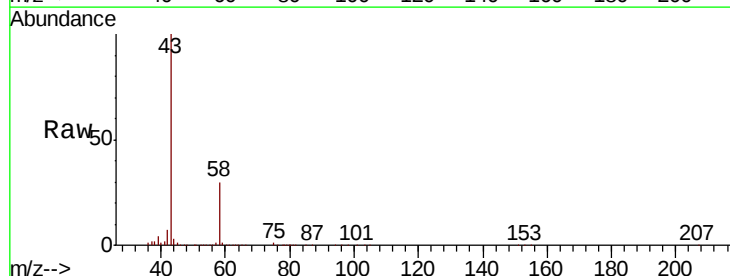
RT: 2.45 min Scan# 212

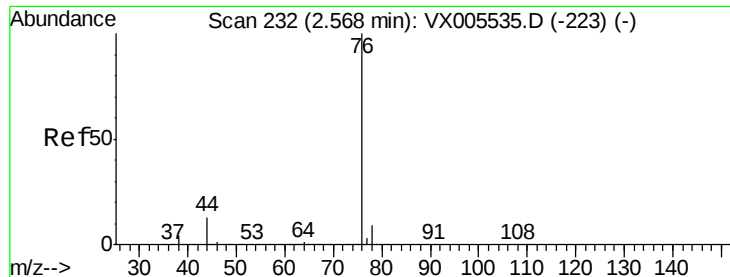
Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Tgt Ion:	43	Resp:	340449
Ion Ratio	Lower	Upper	
43	100		
58	29.7	23.8	35.6





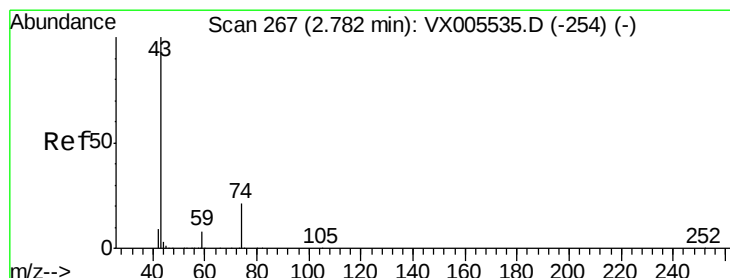
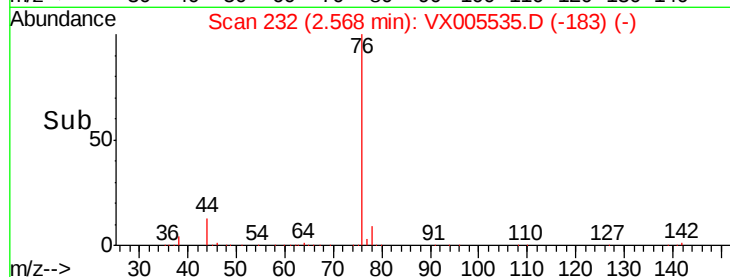
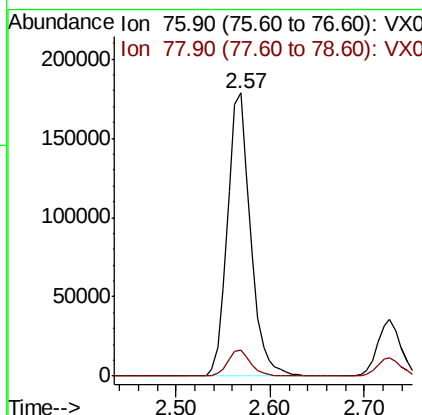
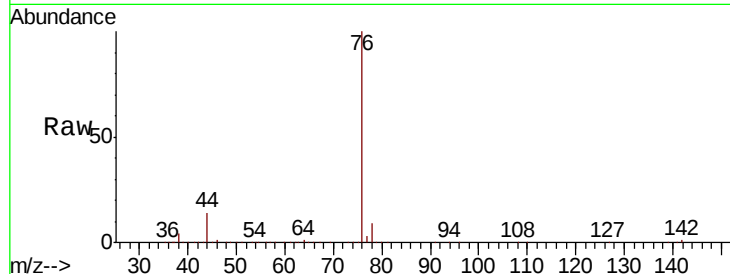
#17
Carbon Disulfide
Concen: 49.303 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

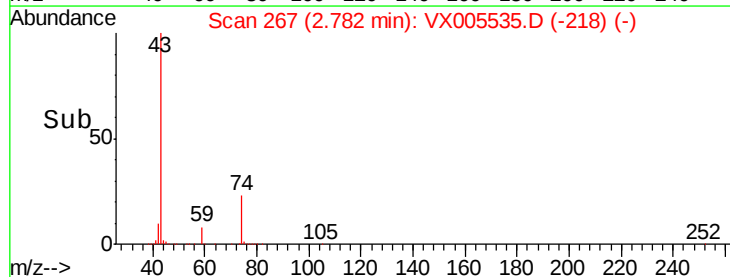
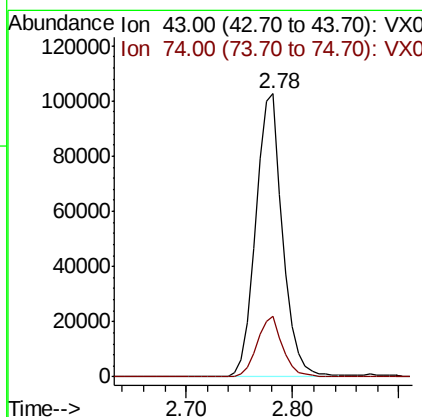
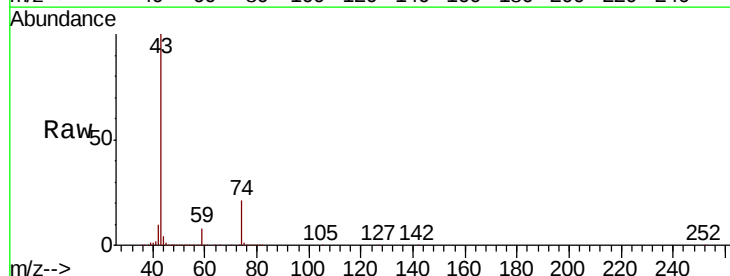
Manual Integrations
APPROVED

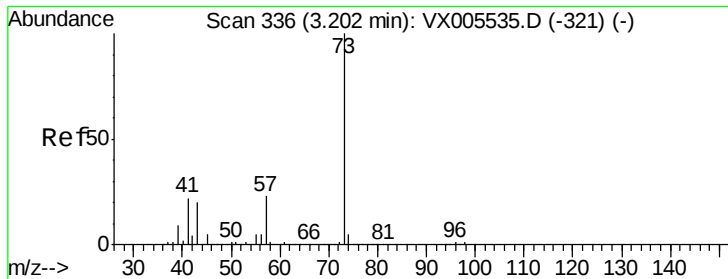
MMDadoda
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#18
Methyl Acetate
Concen: 46.346 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.8	25.2





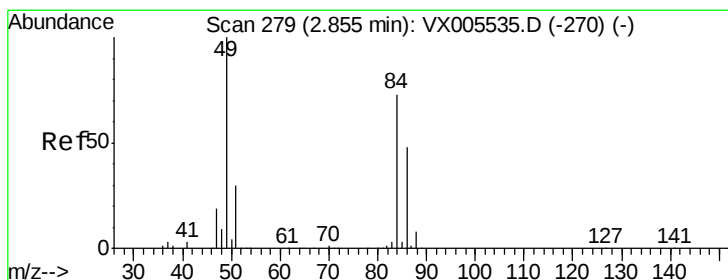
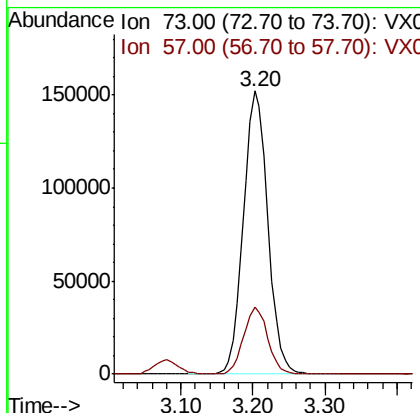
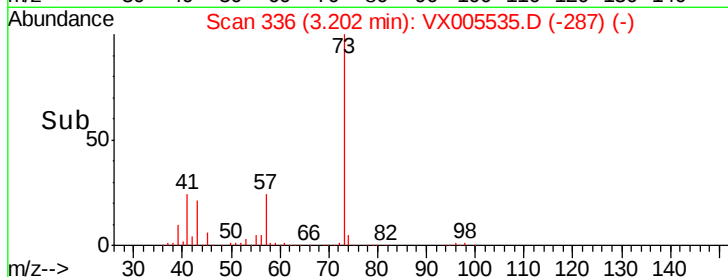
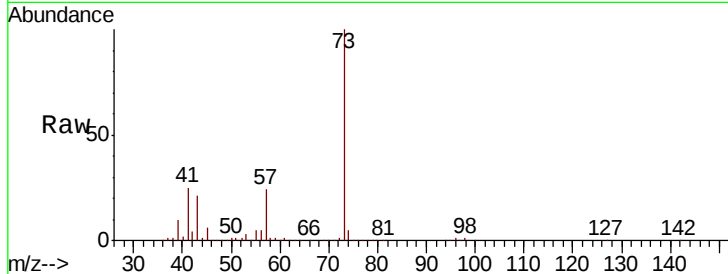
#19
Methyl tert-butyl Ether
Concen: 49.474 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.8	28.2

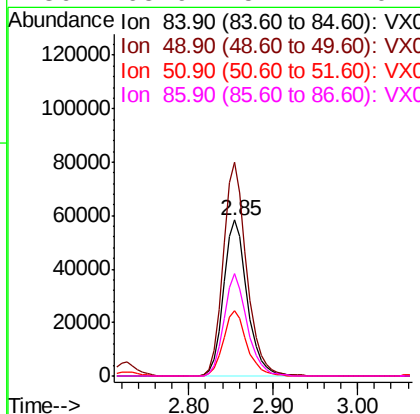
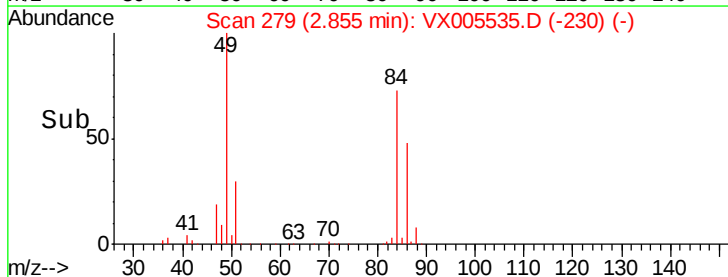
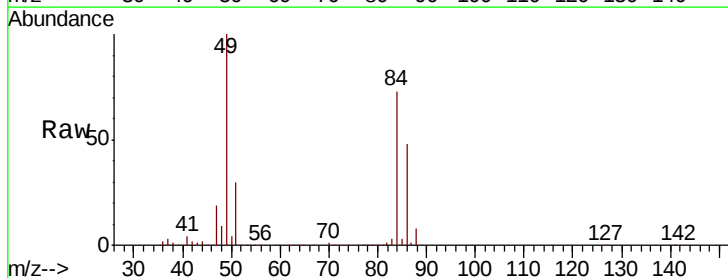
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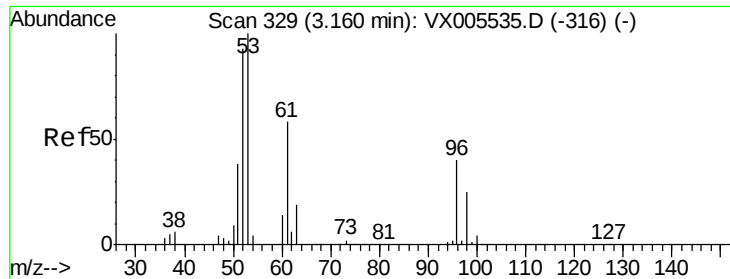
MMDadoda
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#20
Methylene Chloride
Concen: 48.053 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.9	109.5	164.3
51	41.6	33.3	49.9
86	65.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 48.459 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 107099

Ion Ratio Lower Upper

96 100

61 144.5 115.6 173.4

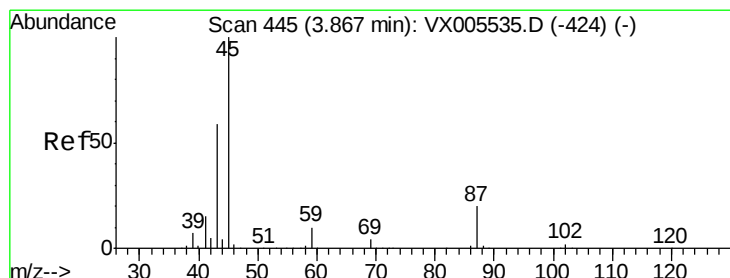
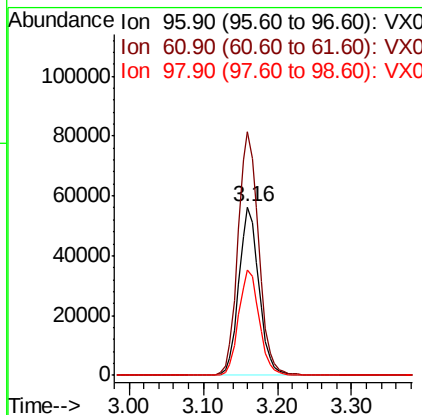
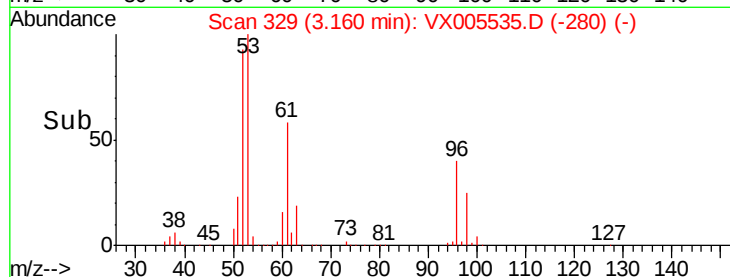
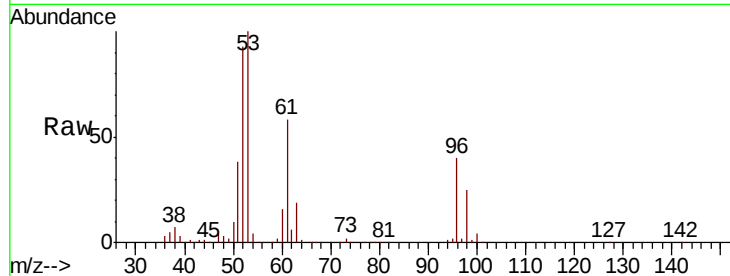
98 62.7 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.086 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Tgt Ion: 45 Resp: 387238

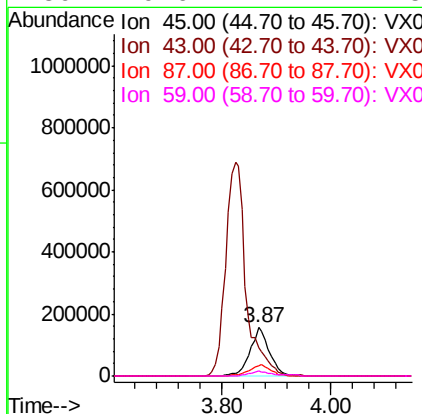
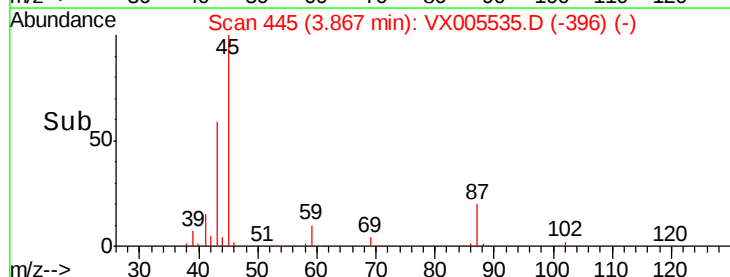
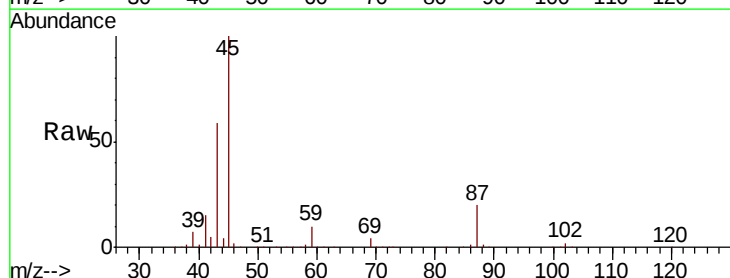
Ion Ratio Lower Upper

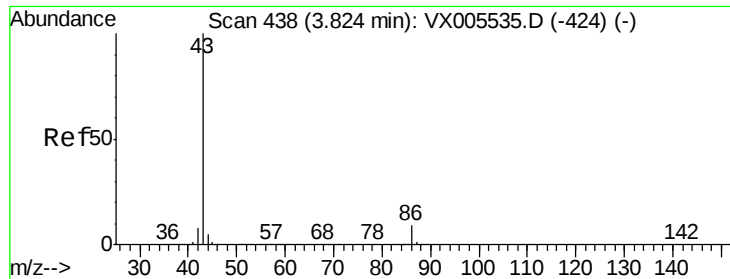
45 100

43 59.3 47.4 71.2

87 19.9 15.9 23.9

59 9.6 7.7 11.5





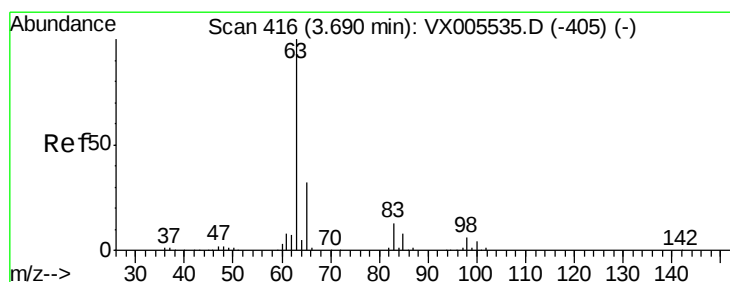
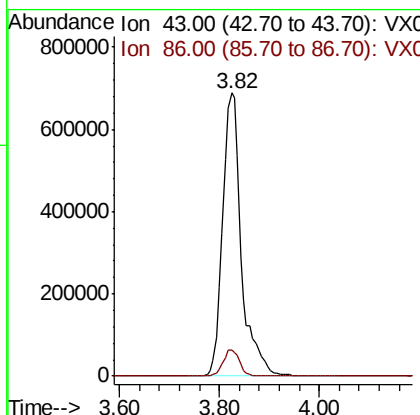
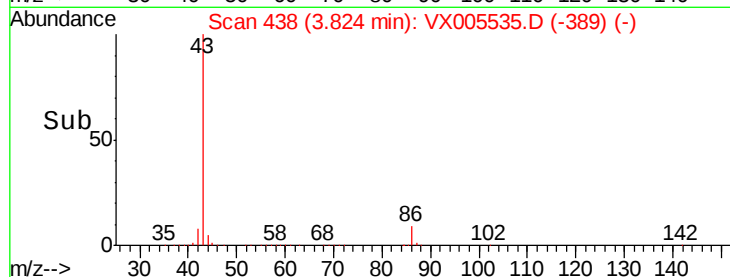
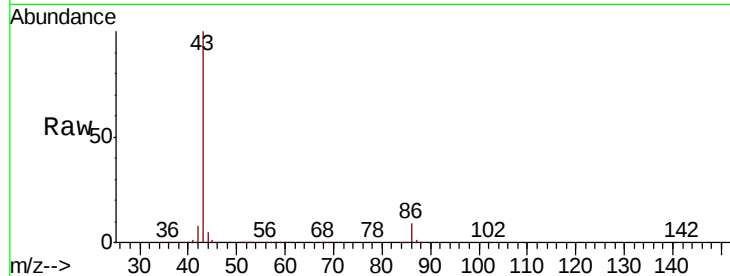
#23
 Vinyl Acetate
 Concen: 258.483 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1795914
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2

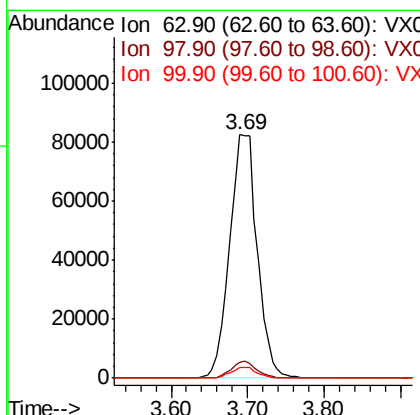
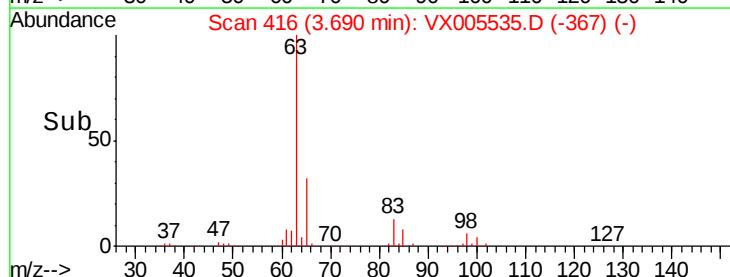
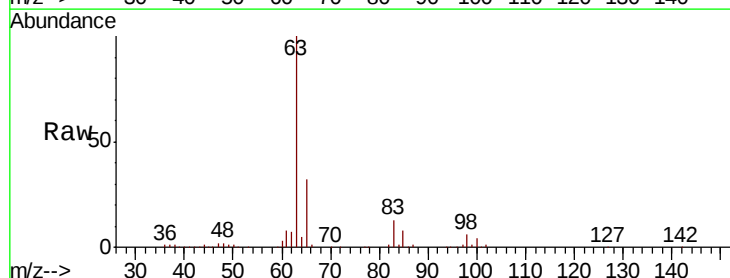
Manual Integrations
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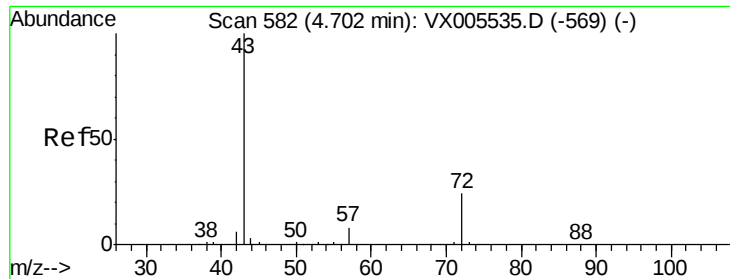
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 48.049 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 63 Resp: 206087
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 241.052 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 510572

Ion Ratio Lower Upper

43 100

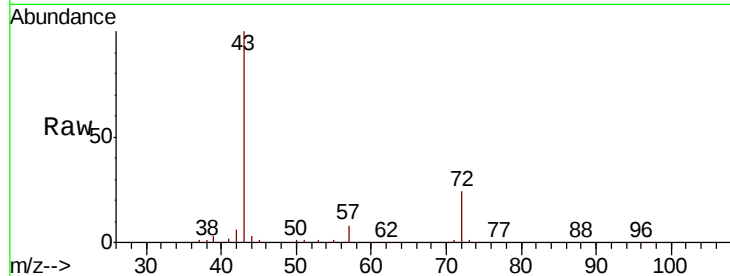
72 24.0 19.2 28.8

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

200000

150000

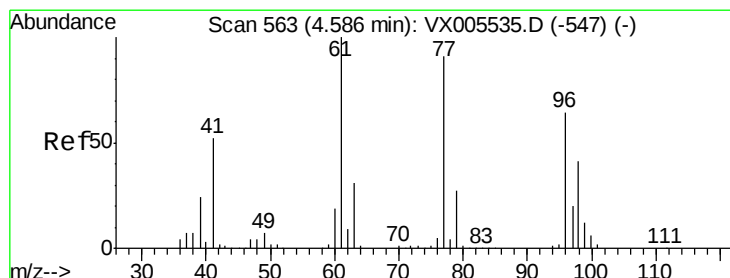
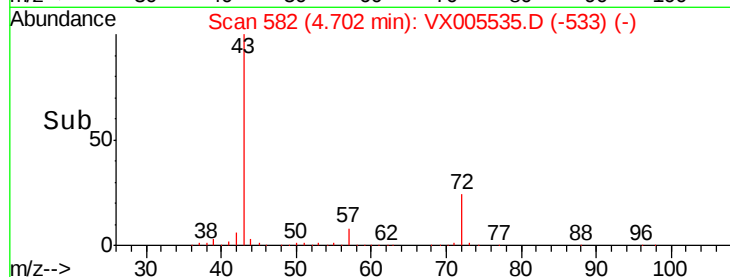
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.364 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX005535.D

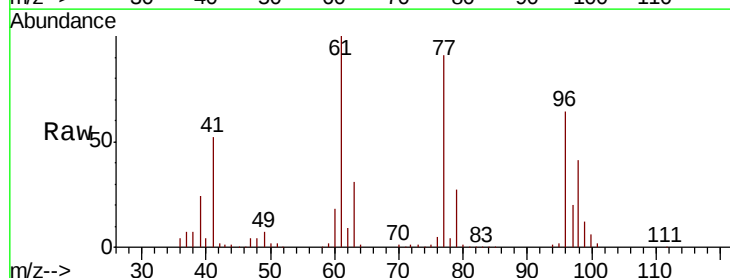
Acq: 24 Oct 2018 11:59

Tgt Ion: 77 Resp: 160151

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

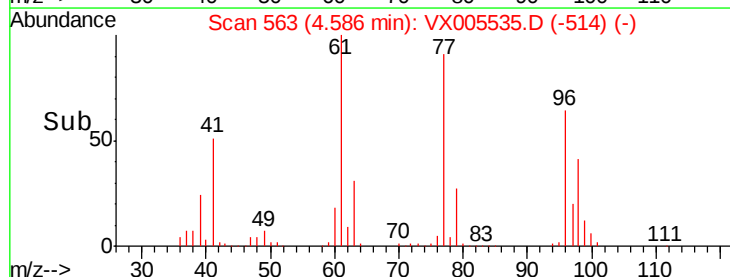
20000

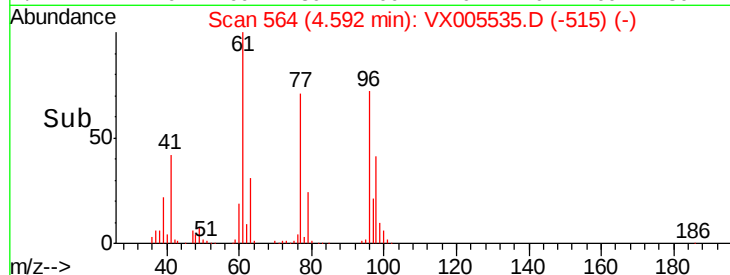
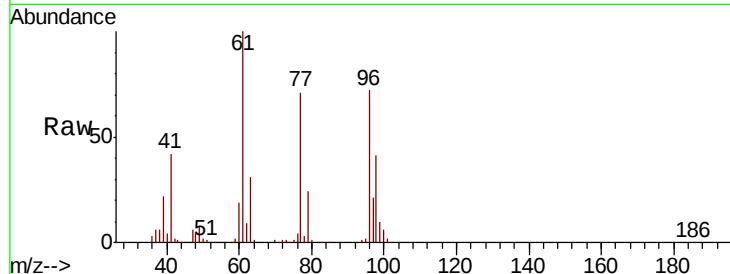
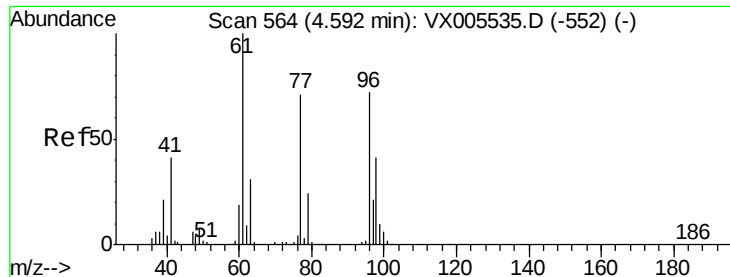
10000

0

4.40 4.50 4.60 4.70

Time-->





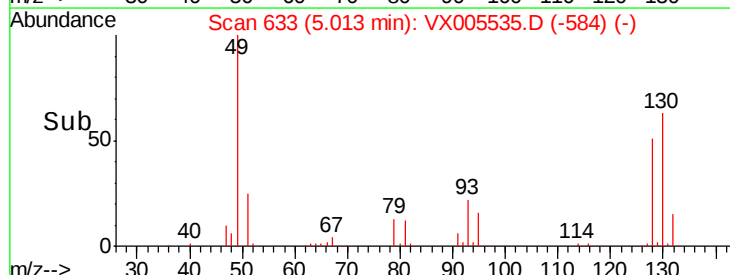
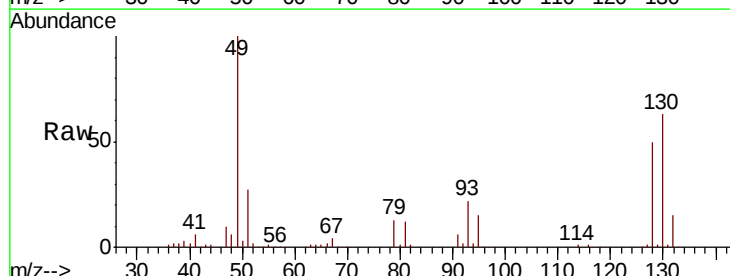
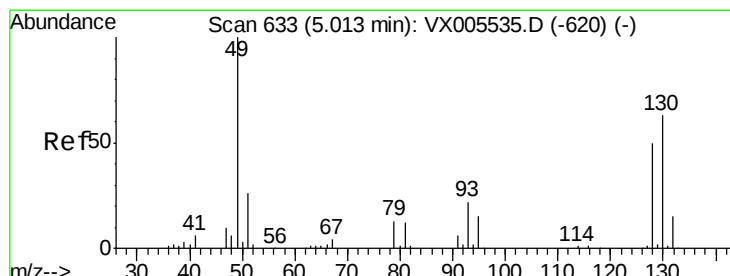
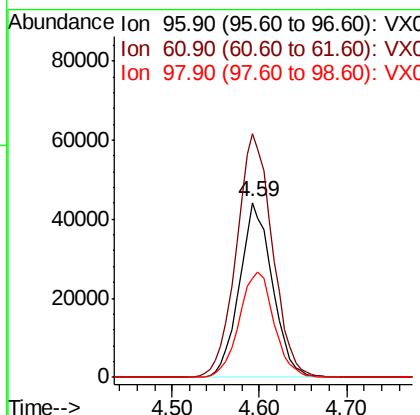
#27
 cis-1,2-Dichloroethene
 Concen: 48.383 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.3	0.0	304.6	
98	63.7	0.0	127.4	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

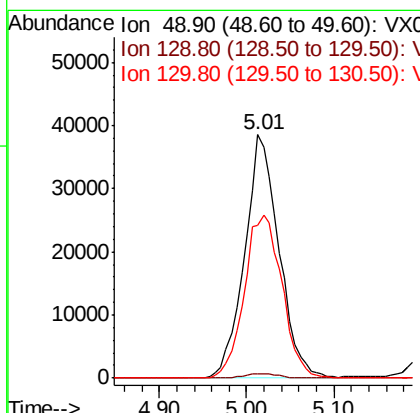
Manual Integrations
 APPROVED

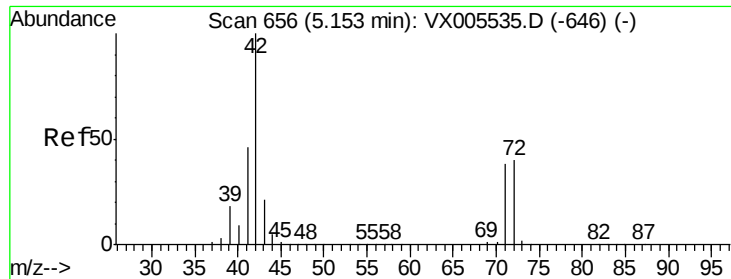
MMDadoda
 10/26/2018 11:53:10 AM



#28
 Bromochloromethane
 Concen: 50.603 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	73.6	58.9	88.3	





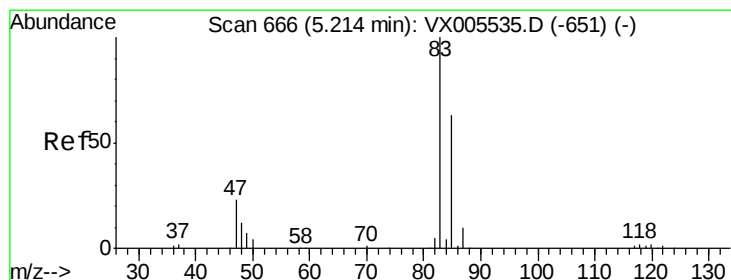
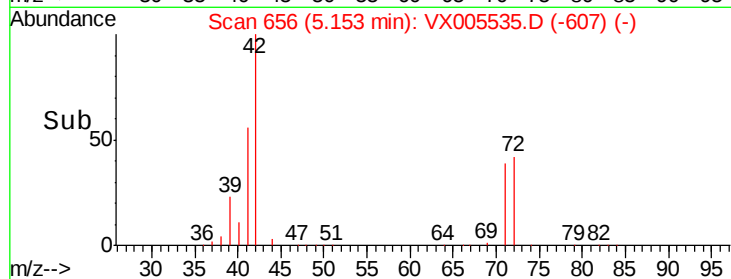
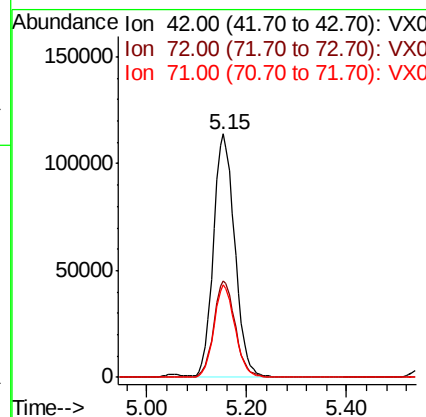
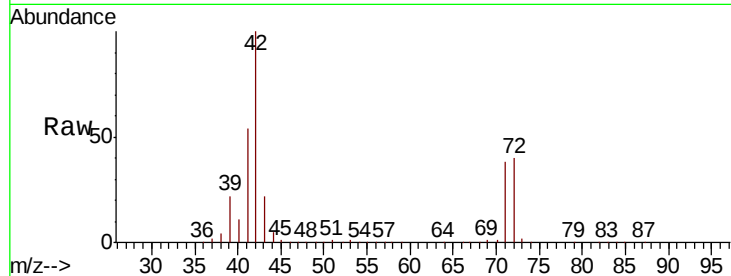
#29
Tetrahydrofuran
Concen: 245.608 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	37.3	29.8	44.8

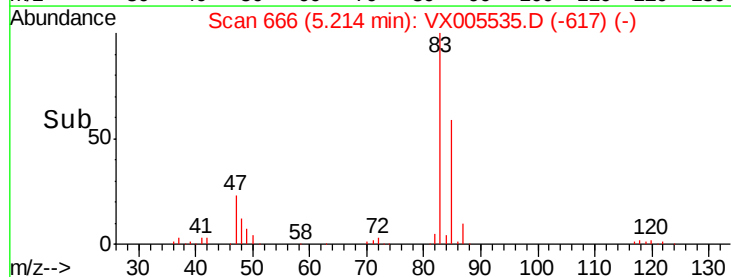
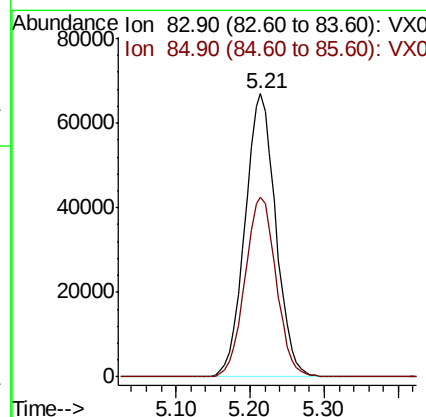
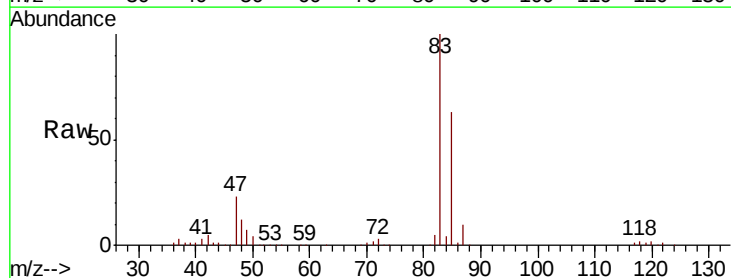
Manual Integrations
APPROVED

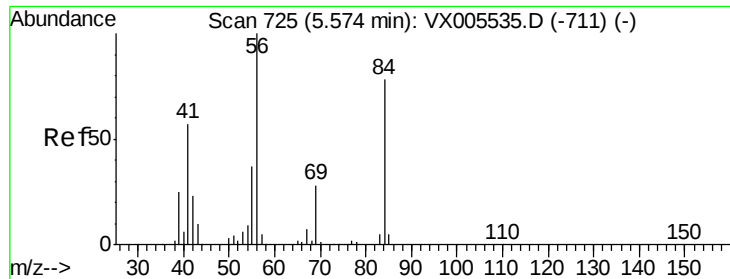
MMDadoda
10/26/2018 11:53:10 AM



#30
Chloroform
Concen: 48.333 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





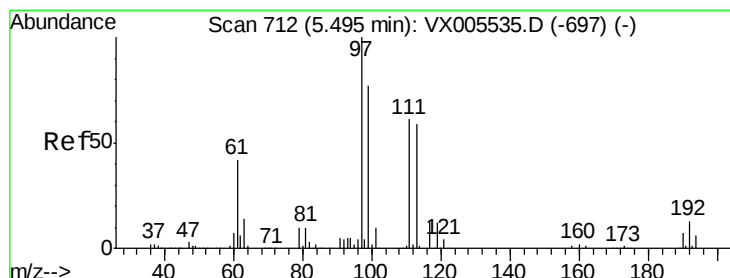
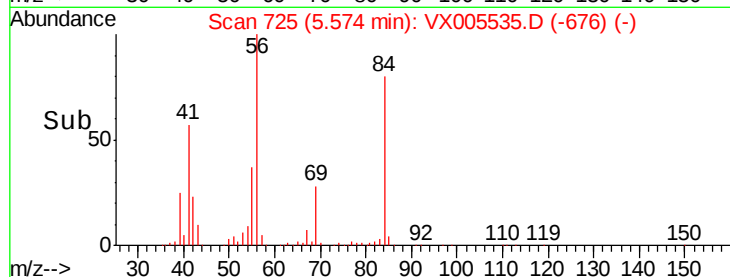
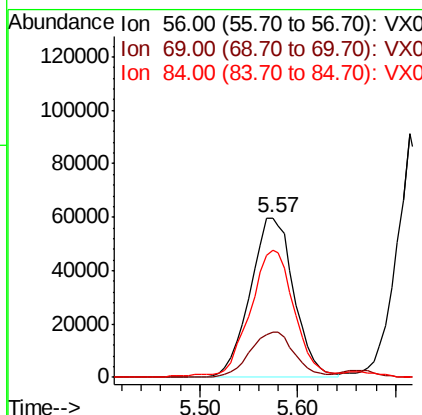
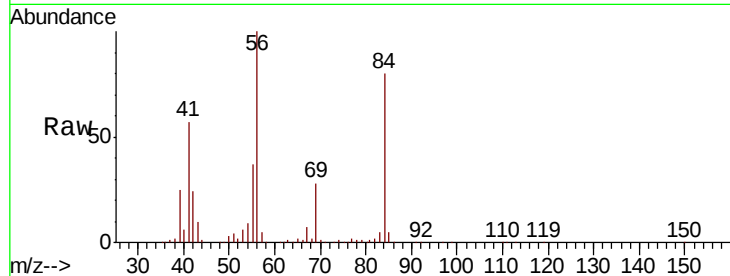
#31
Cyclohexane
Concen: 52.421 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.6	34.0
84	78.4	62.7	94.1

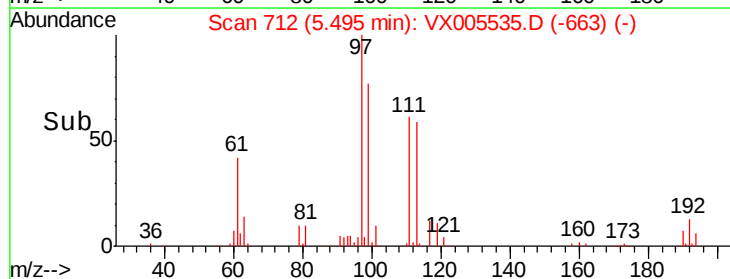
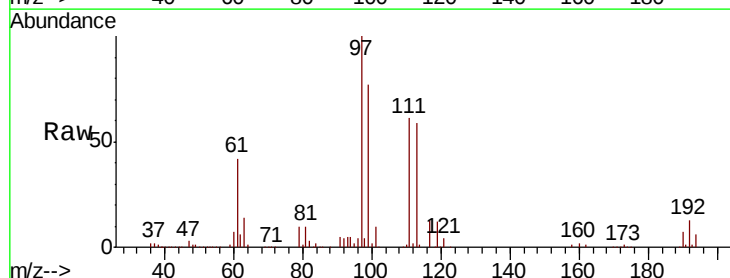
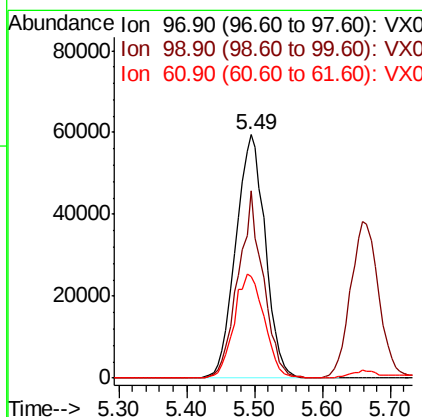
Manual Integrations
APPROVED

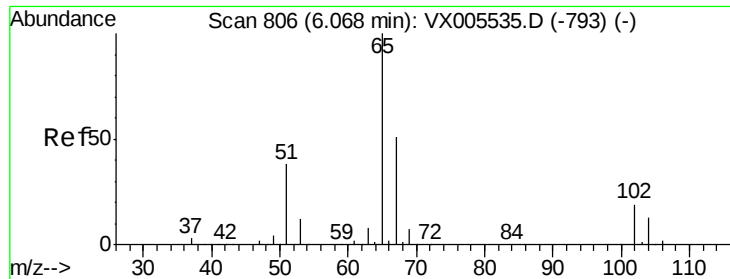
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.508 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.3	78.5
61	44.0	35.2	52.8





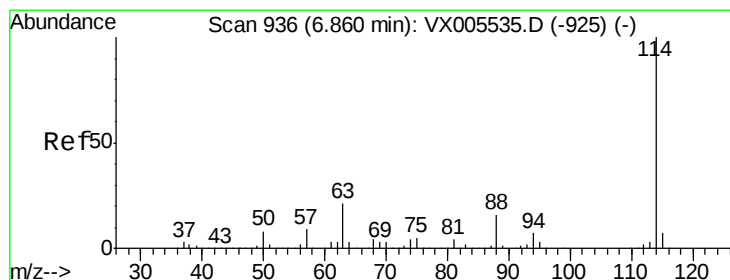
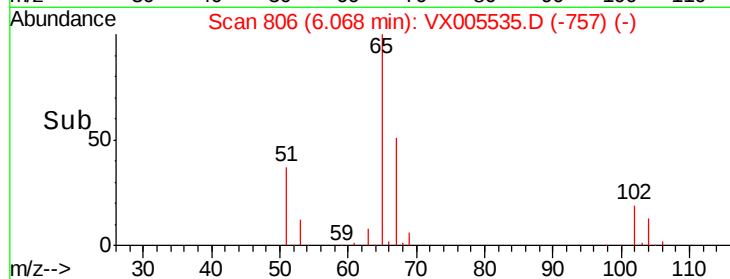
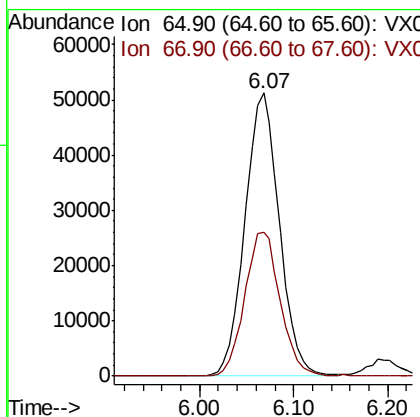
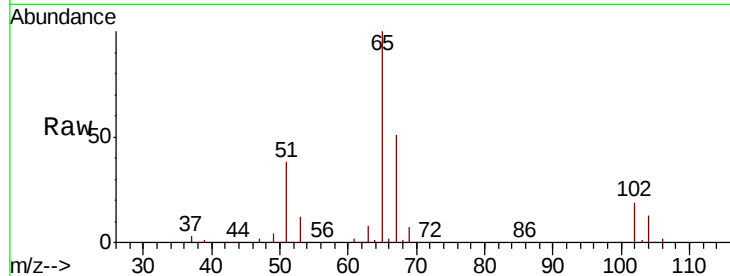
#33
 1,2-Dichloroethane-d4
 Concen: 49.885 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131310		
67	52.5	0.0	105.0	

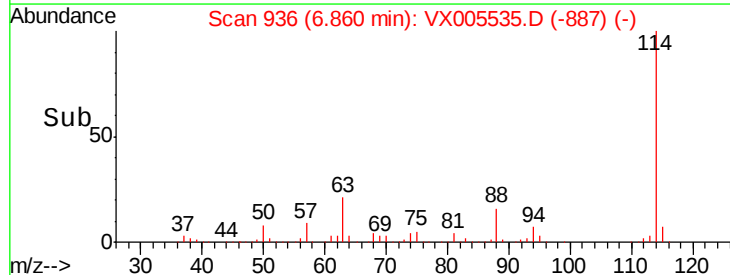
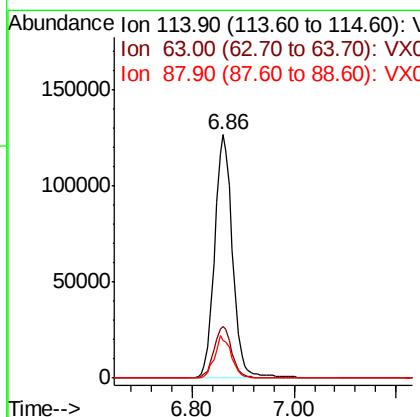
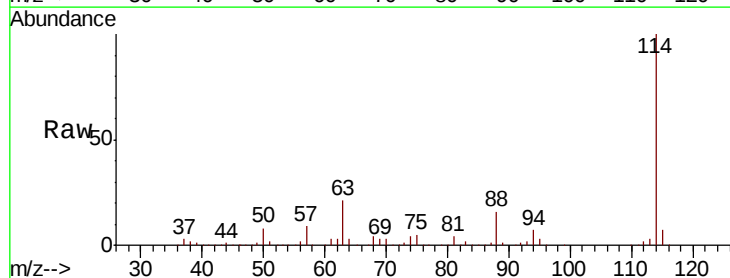
Manual Integrations
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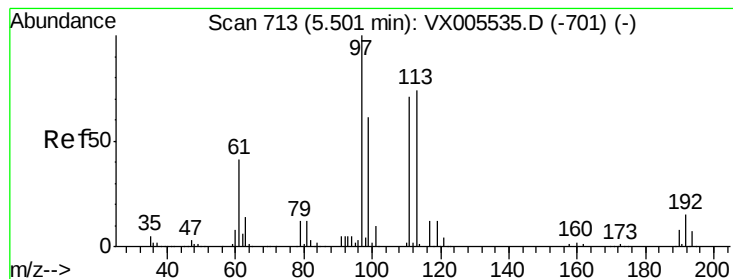
MMDadoda
 10/26/2018 11:53:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	310210		
63	21.4	0.0	42.8	
88	15.6	0.0	31.2	





#35

Dibromofluoromethane

Concen: 51.176 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

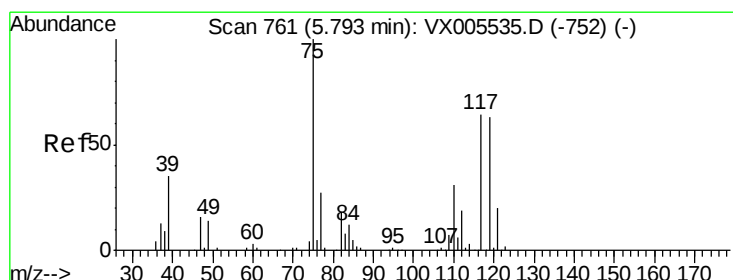
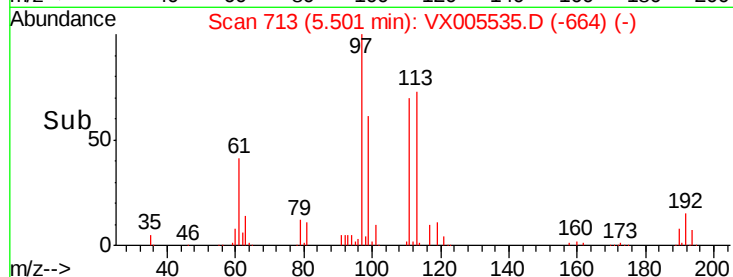
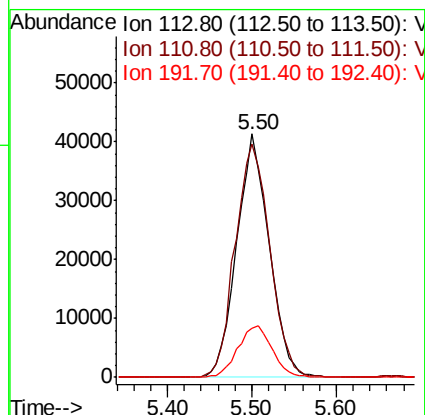
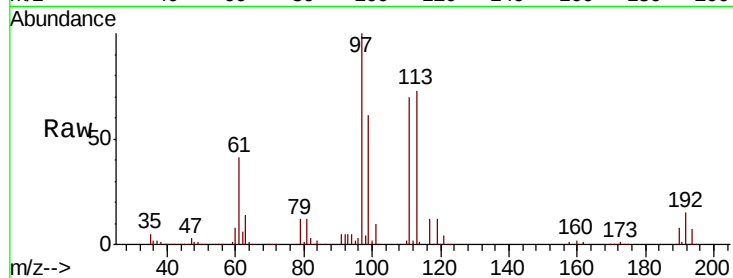
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	107495		
111	102.9	82.3	123.5	
192	22.4	17.9	26.9	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.808 ug/l

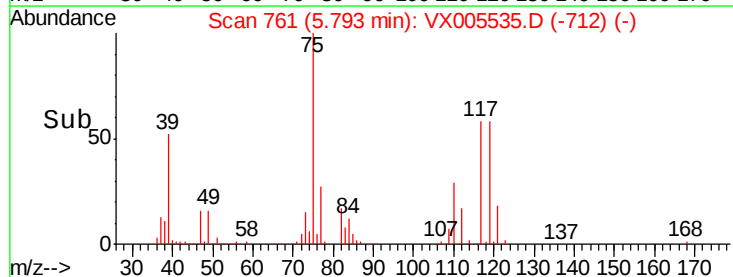
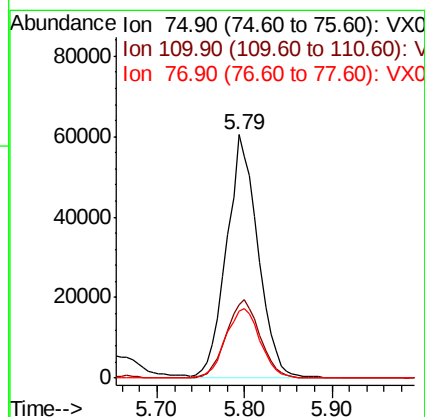
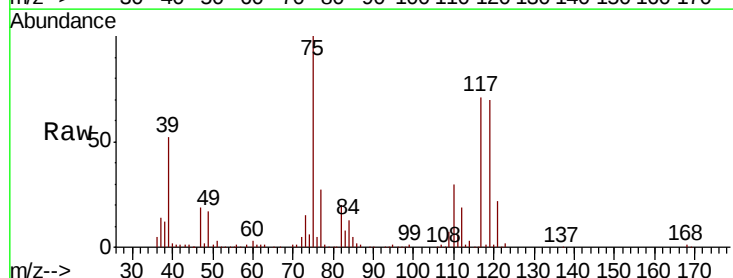
RT: 5.79 min Scan# 761

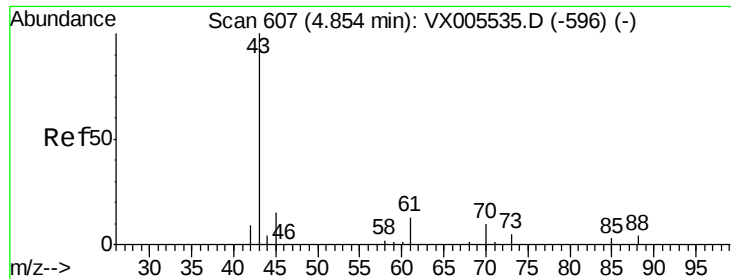
Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149945		
110	34.8	17.4	52.2	
77	32.2	25.8	38.6	





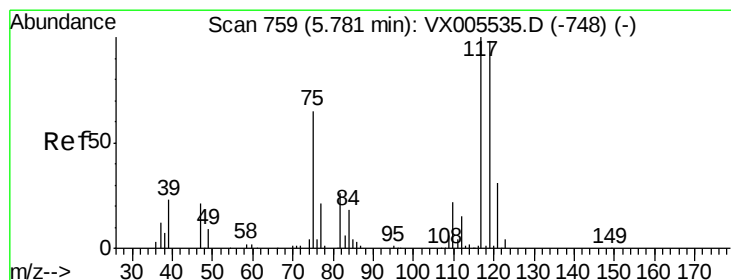
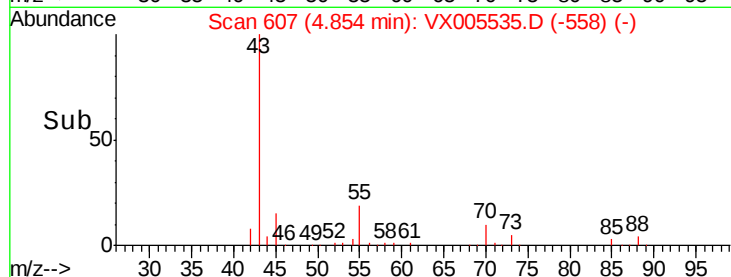
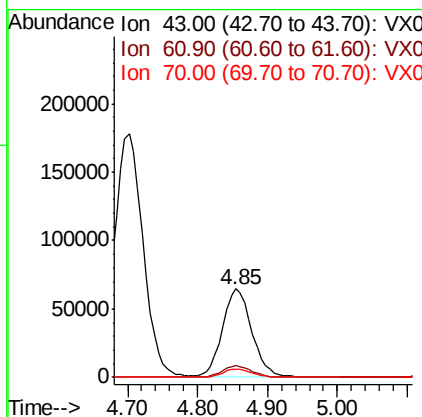
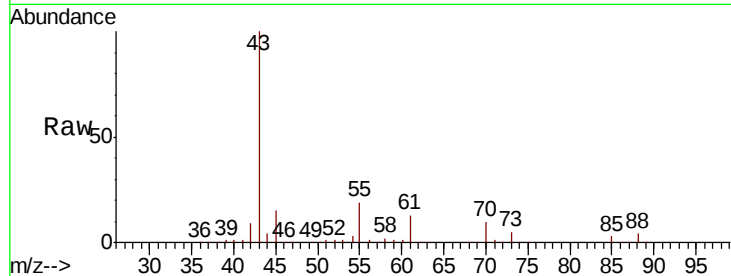
#37
Ethyl Acetate
Concen: 49.017 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.8	7.8	11.8

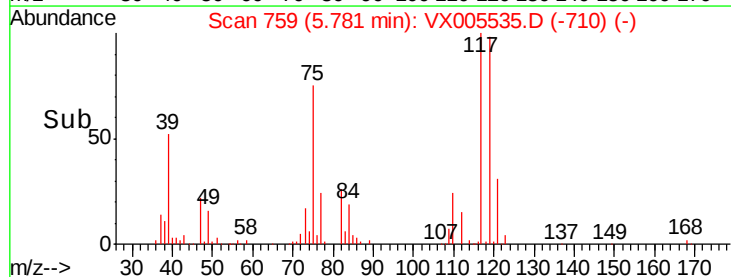
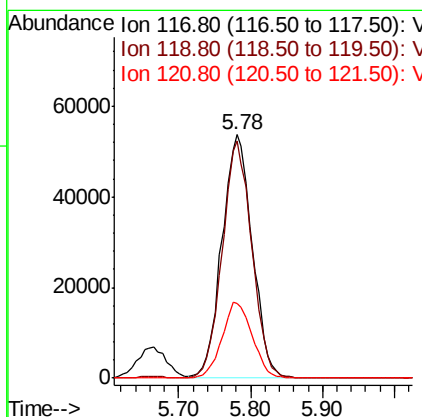
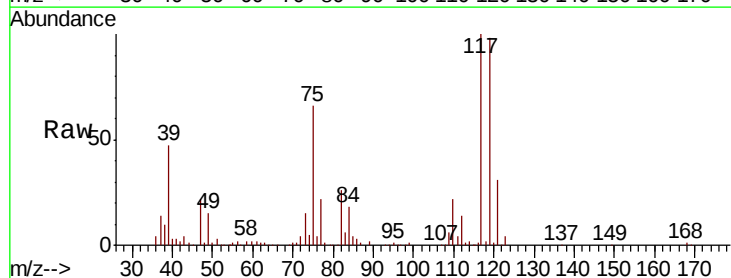
Manual Integrations
APPROVED

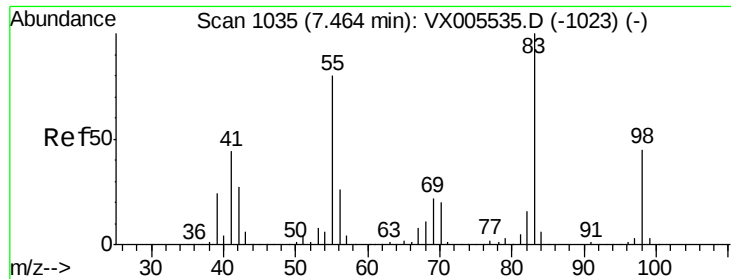
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.623 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
121	30.7	24.6	36.8





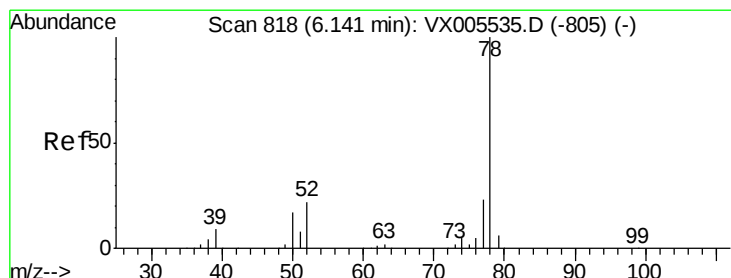
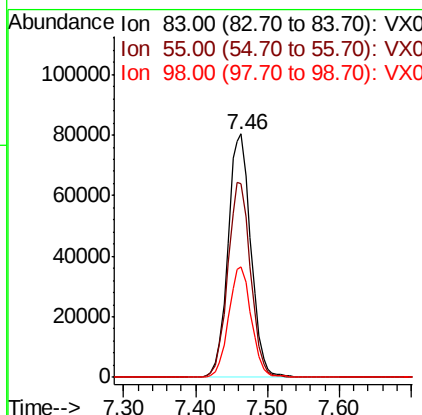
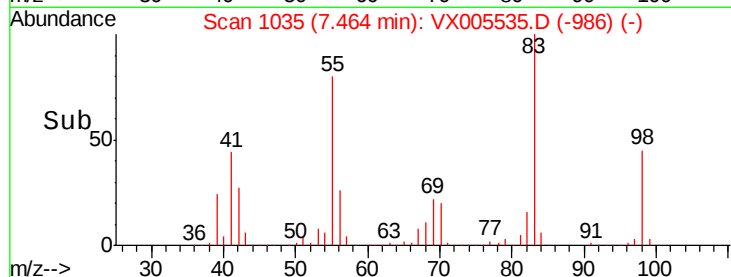
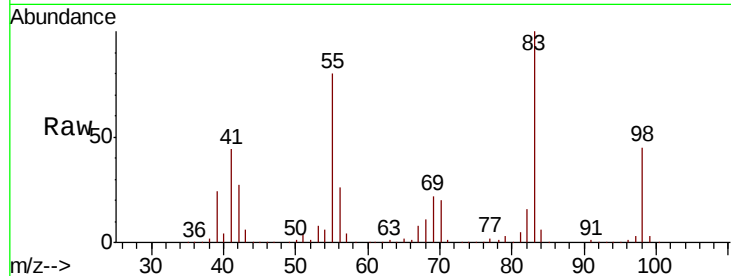
#39
Methvlcvclohexane
Concen: 53.416 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.7	95.5
98	45.2	36.2	54.2

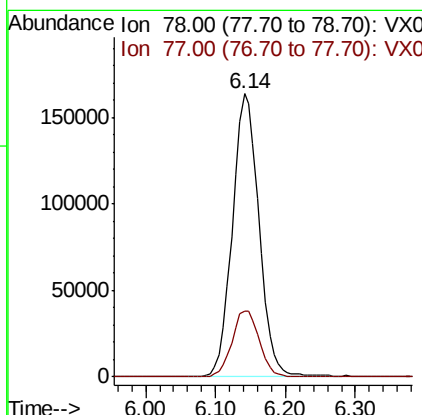
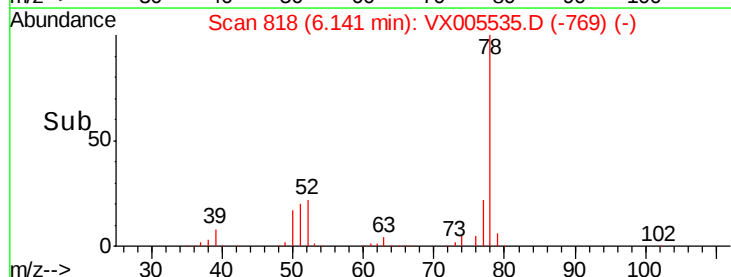
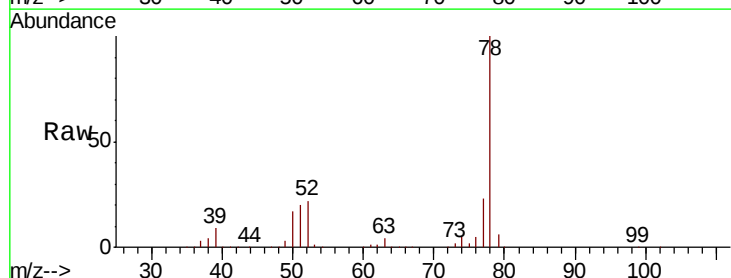
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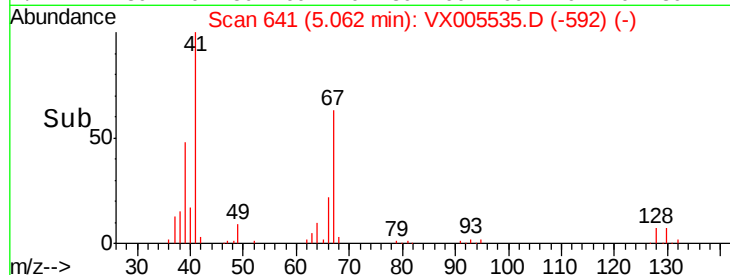
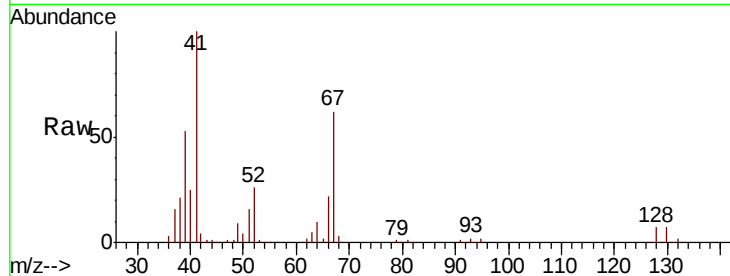
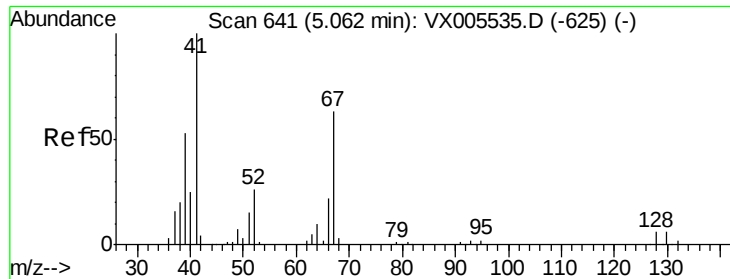
MMDadoda
10/26/2018 11:53:10 AM



#40
Benzene
Concen: 50.273 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.4	27.6





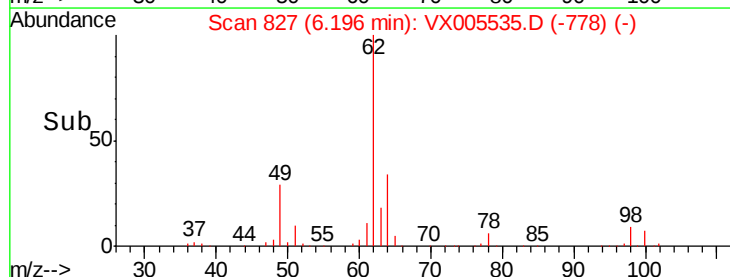
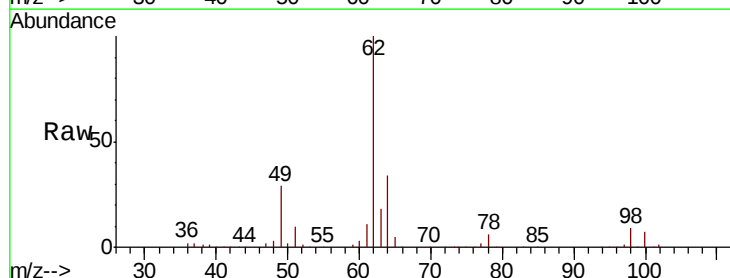
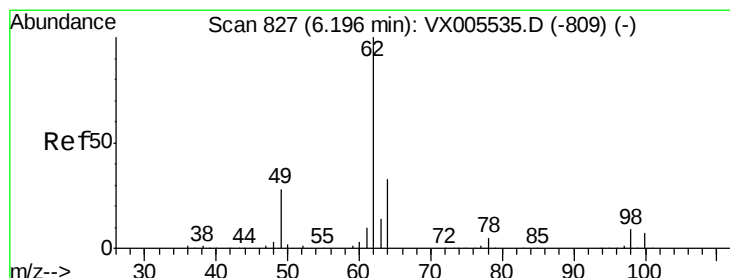
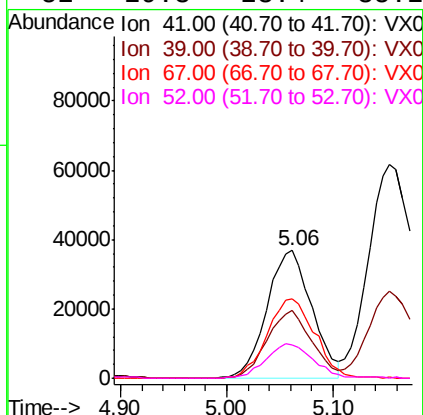
#41
Methacrylonitrile
Concen: 50.063 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.7	42.2	63.2	
67	66.7	53.4	80.0	
52	29.3	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

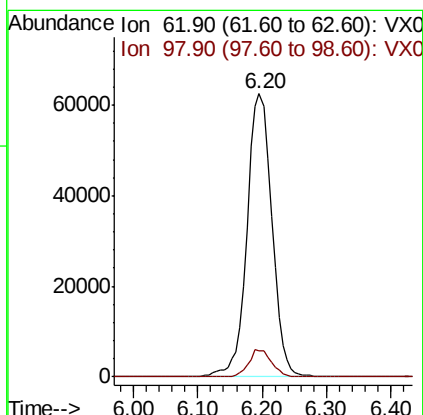
Manual Integrations
APPROVED

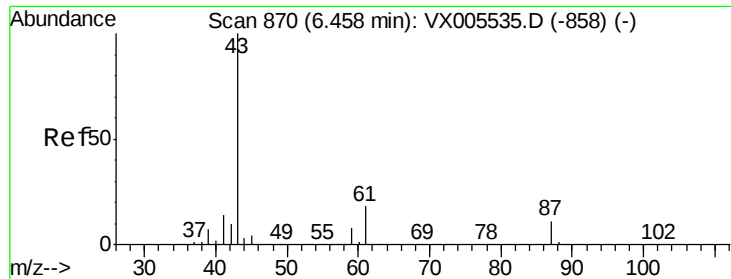
MMDadoda
10/26/2018 11:53:10 AM



#42
1,2-Dichloroethane
Concen: 50.129 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

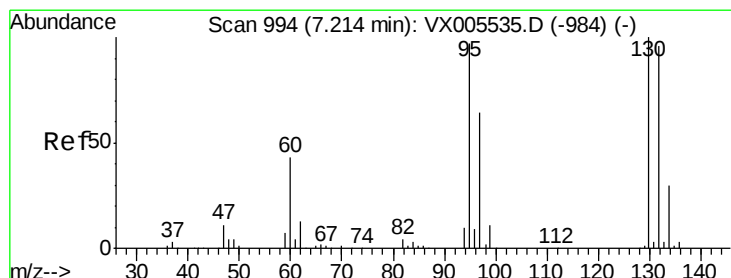
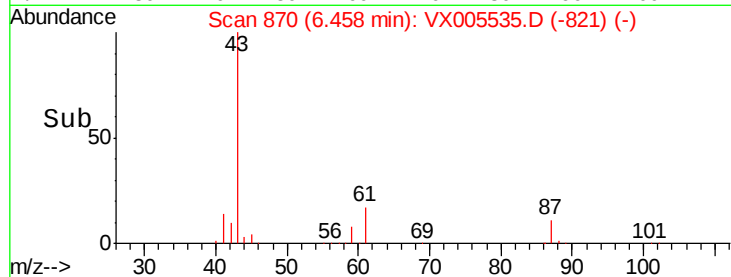
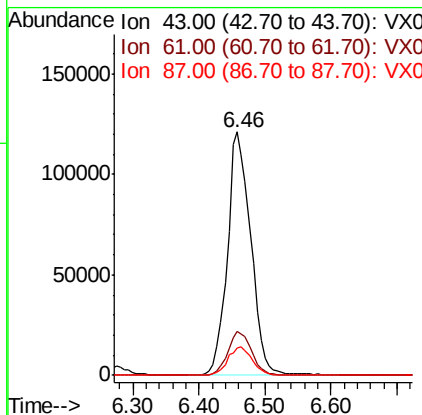
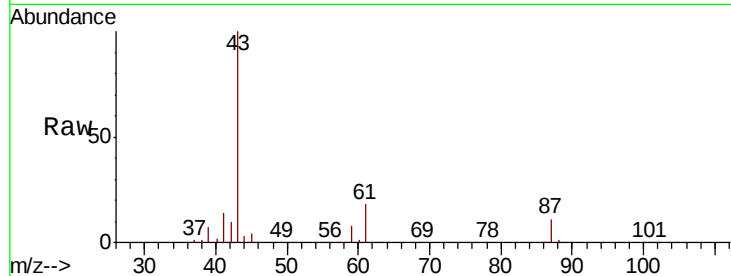
Isopropyl Acetate
 Concen: 51.436 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	61	87
Resp	296099		
Ratio	100	18.3	12.0
Lower		14.6	9.6
Upper		22.0	14.4

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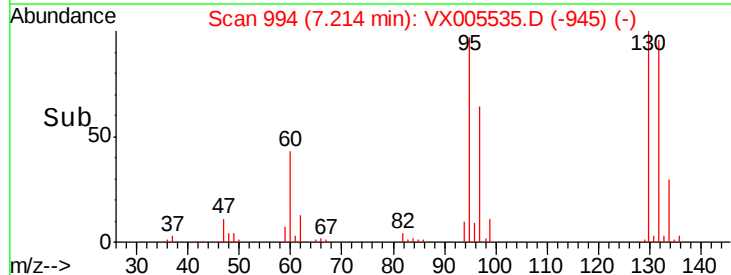
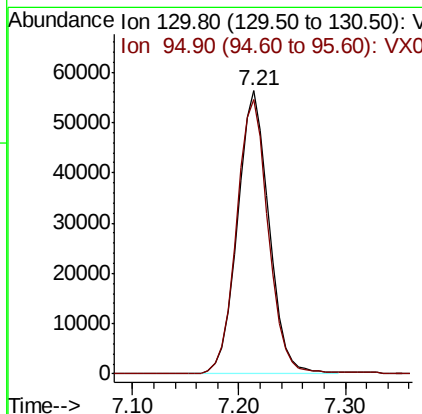
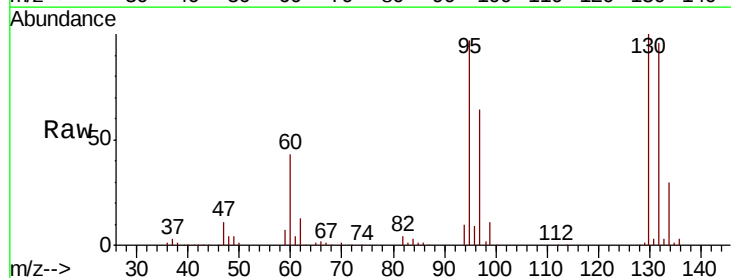
MMDadoda
 10/26/2018 11:53:10 AM



#44

Trichloroethene
 Concen: 49.732 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion	130	95
Resp	116919	
Ratio	100	97.1
Lower		0.0
Upper		194.2





#45

1,2-Dichloropropane

Concen: 49.789 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 115517

Ion Ratio Lower Upper

63 100

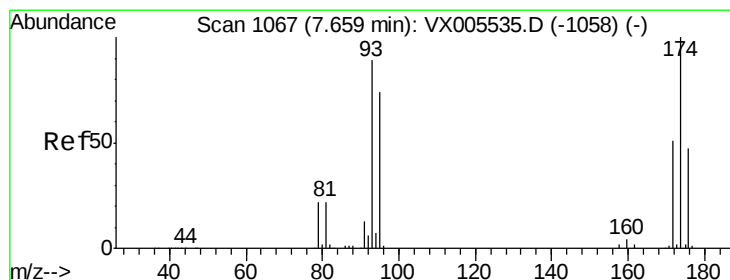
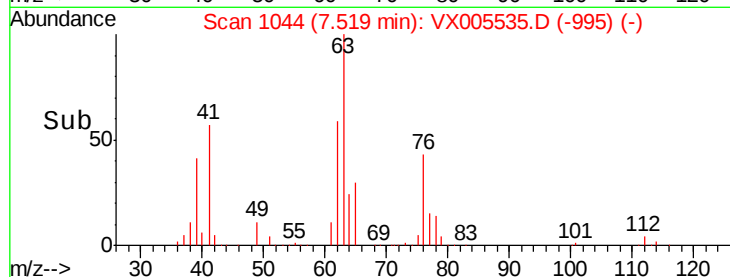
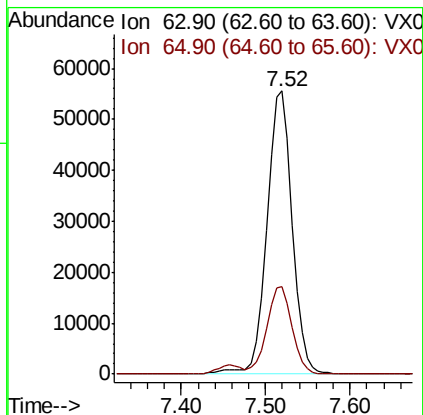
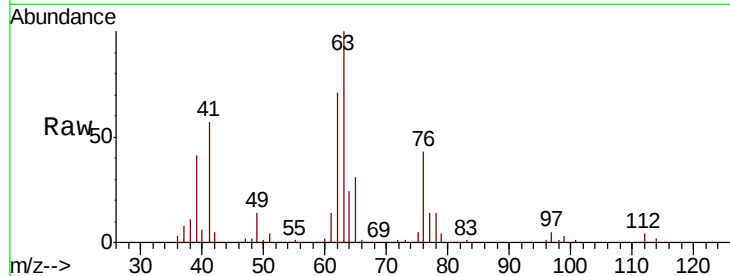
65 31.0 24.8 37.2

Manual Integrations

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10/26/2018 11:53:10 AM



#46

Dibromomethane

Concen: 50.269 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

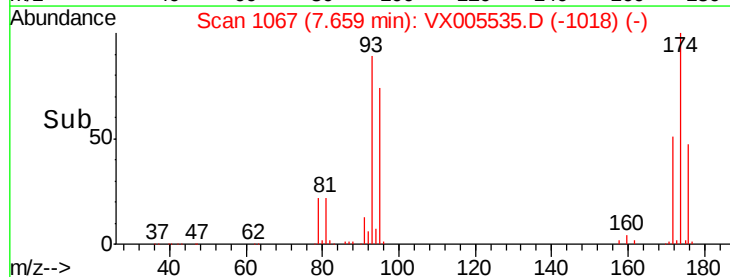
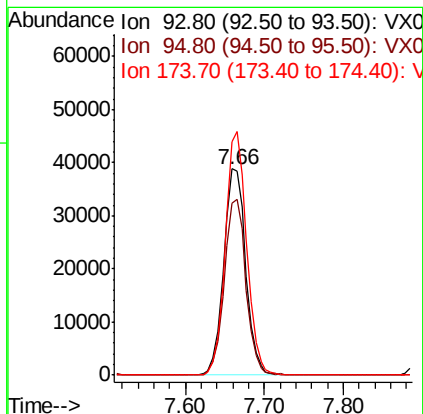
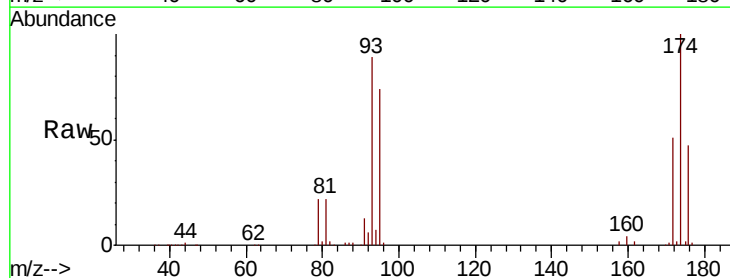
Tgt Ion: 93 Resp: 75328

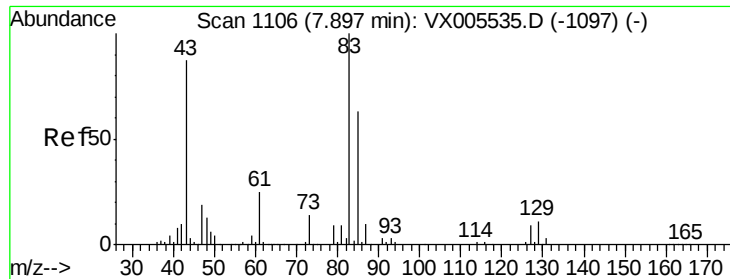
Ion Ratio Lower Upper

93 100

95 84.2 67.4 101.0

174 114.4 91.5 137.3





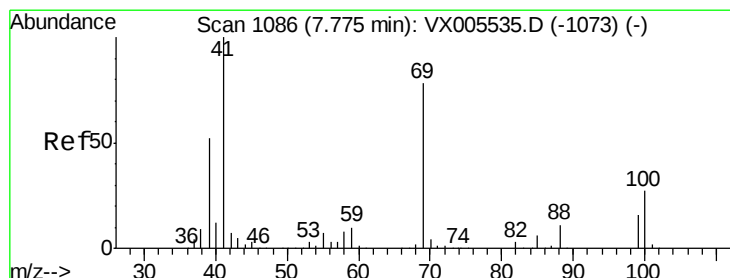
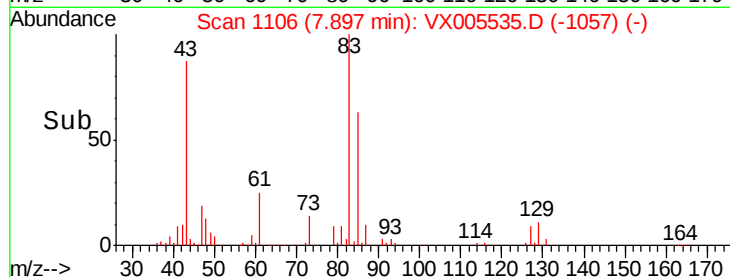
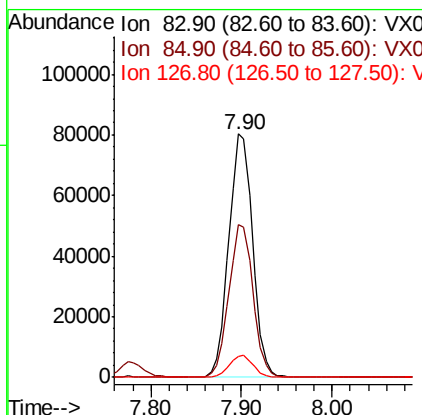
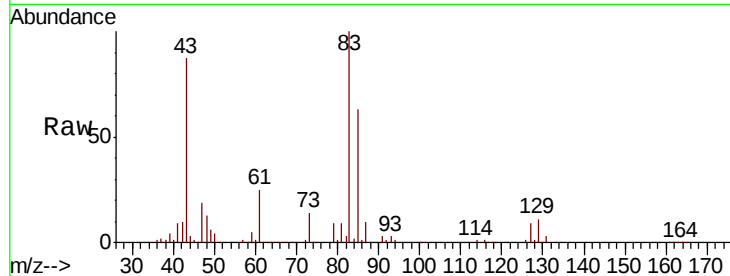
#47
Bromodichloromethane
Concen: 50.642 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.2	75.4
127	8.6	6.9	10.3

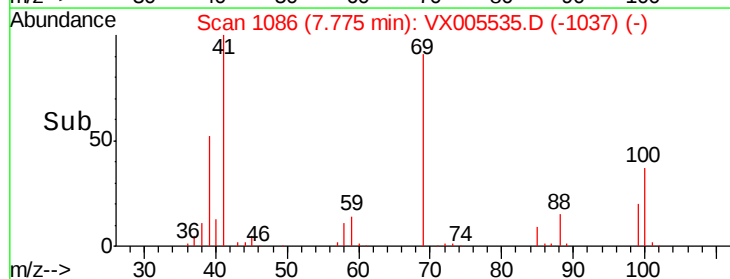
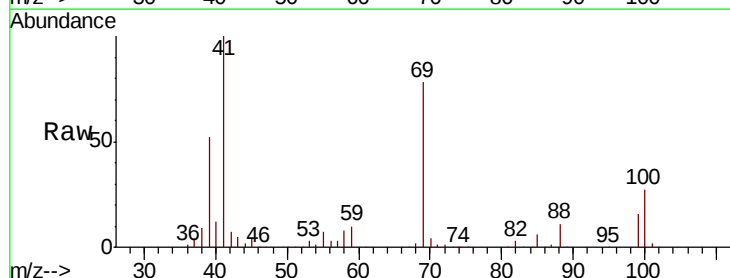
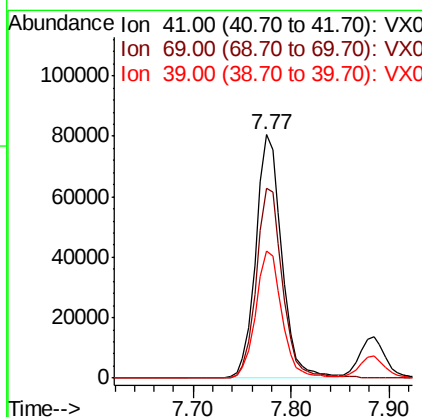
Manual Integrations
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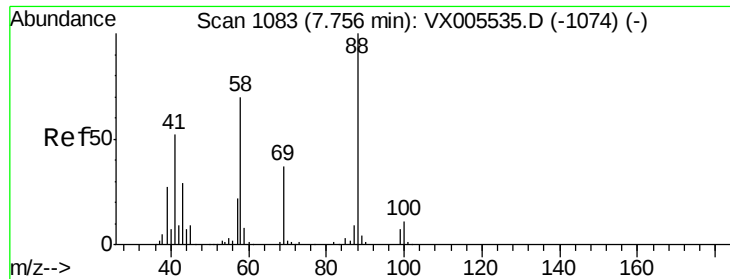
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#48
Methyl methacrylate
Concen: 52.573 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.0	63.2	94.8
39	52.7	42.2	63.2





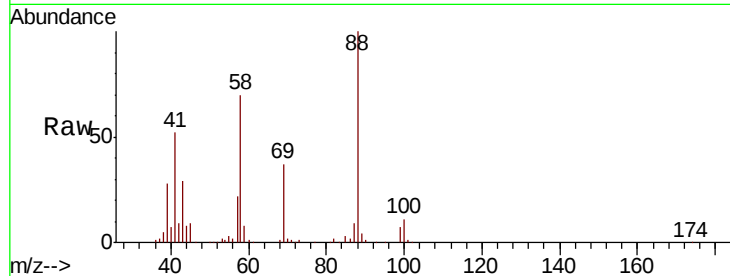
#49
1,4-Dioxane
Concen: 1022.757 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.4	41.0
58	74.3	59.4	89.2

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

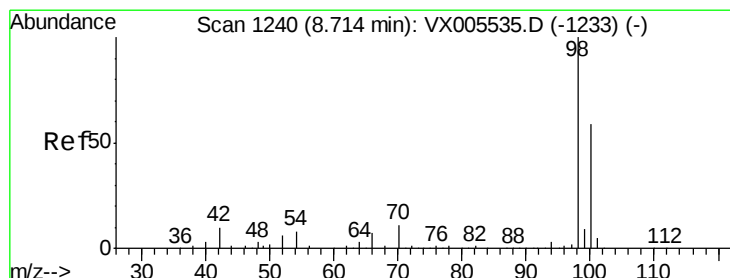
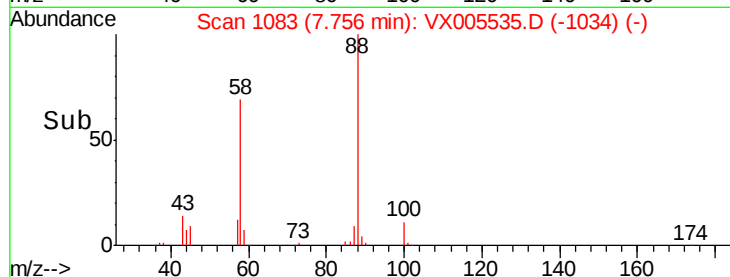
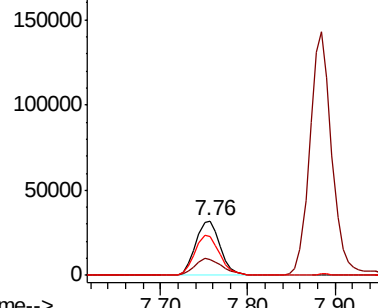


Abundance

Ion 88.00 (87.70 to 88.70): VX0

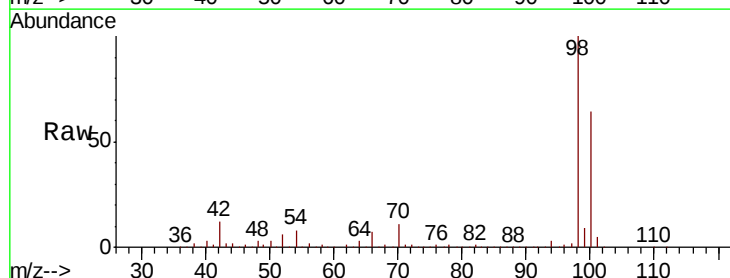
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 52.860 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

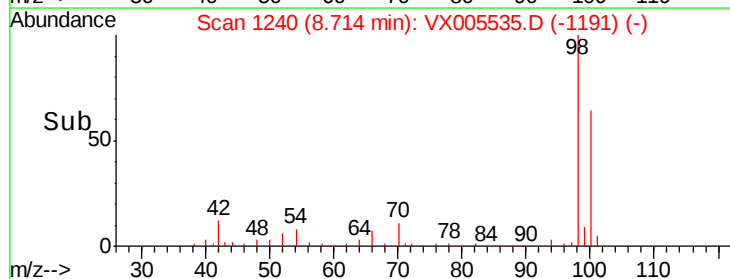
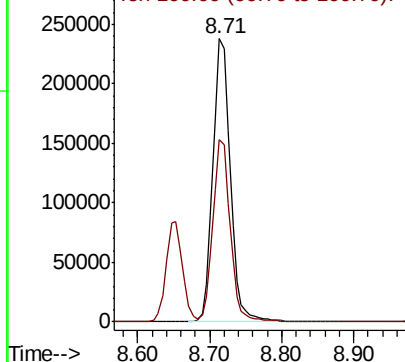
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9

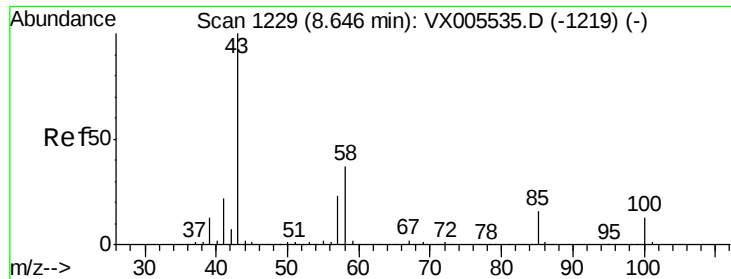


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 258.768 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1001135

Ion Ratio Lower Upper

43 100

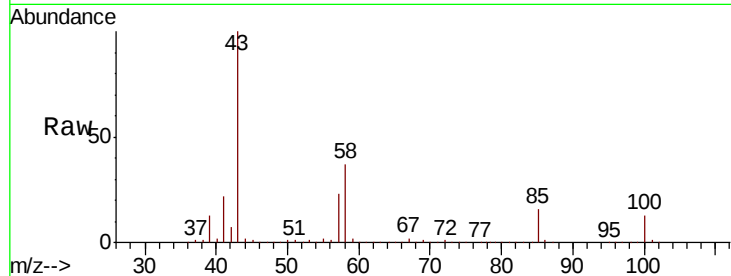
58 37.1 29.7 44.5

Manual Integrations

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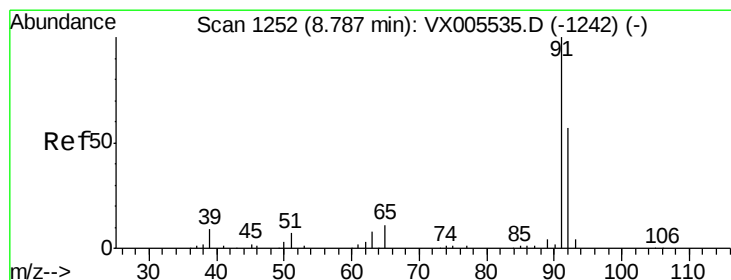
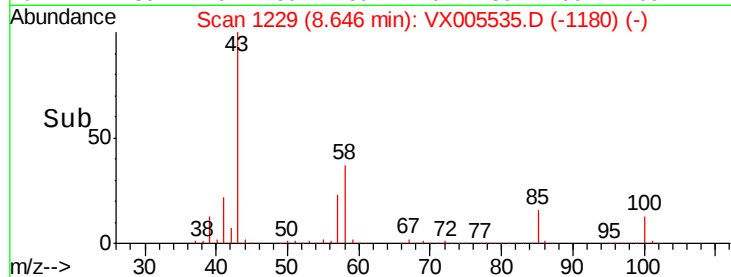
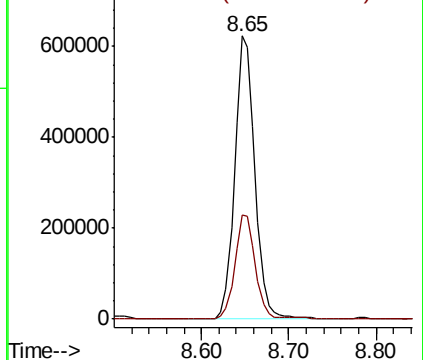
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.790 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005535.D

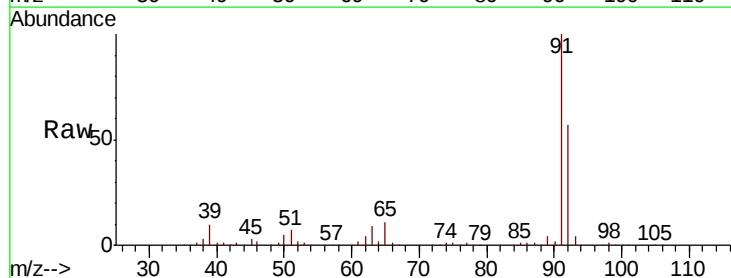
Acq: 24 Oct 2018 11:59

Tgt Ion: 92 Resp: 271626

Ion Ratio Lower Upper

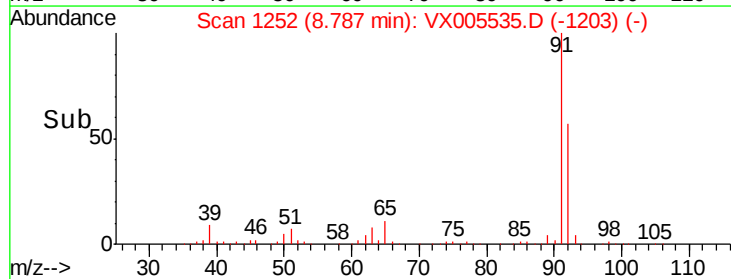
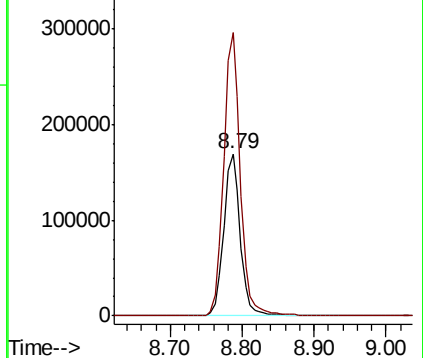
92 100

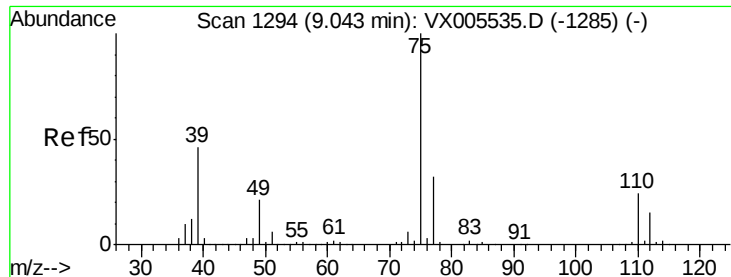
91 175.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





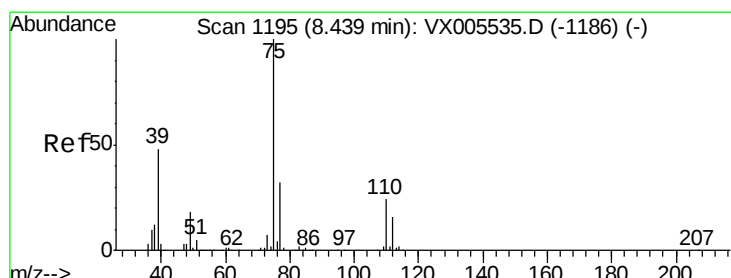
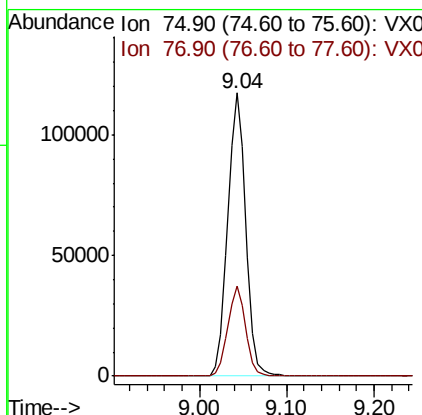
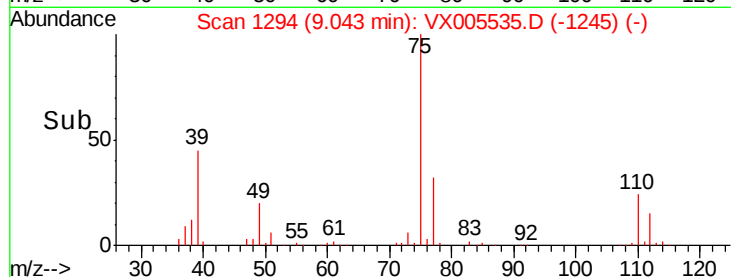
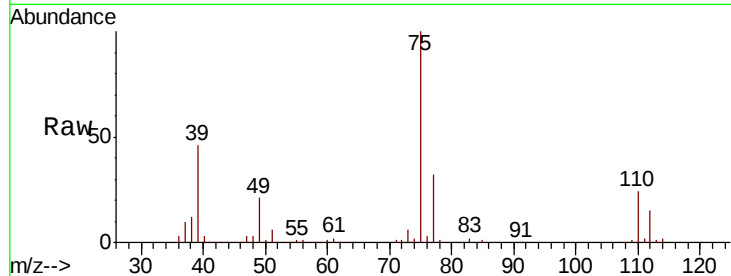
#53
t-1,3-Dichloropropene
Concen: 53.234 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 167330
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

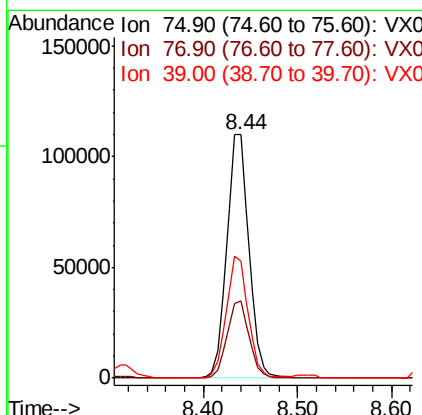
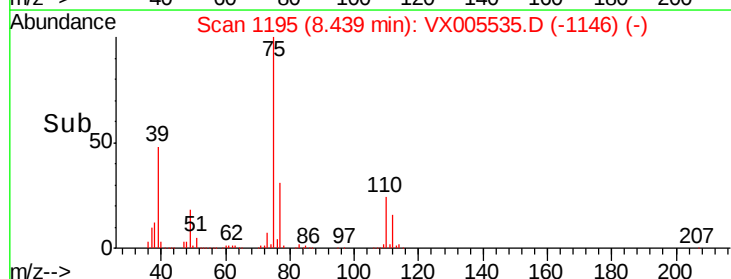
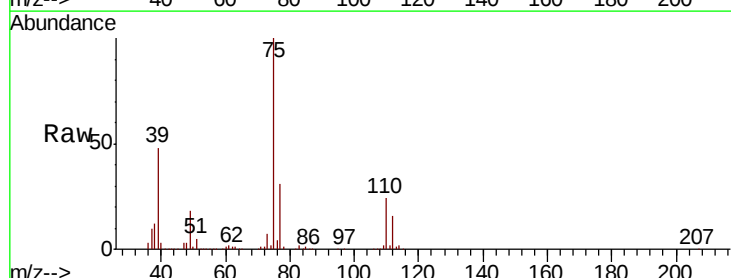
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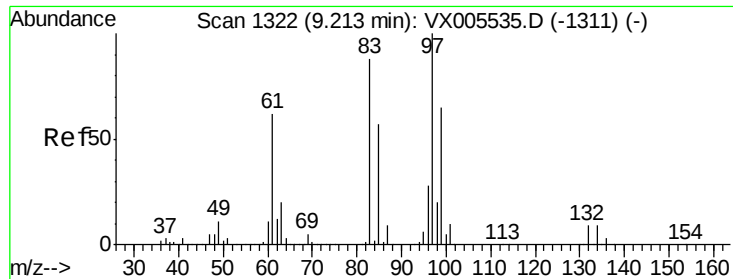
MMDadoda
10/26/2018 11:53:10 AM



#54
cis-1,3-Dichloropropene
Concen: 53.203 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 75 Resp: 180048
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 47.7 38.2 57.2





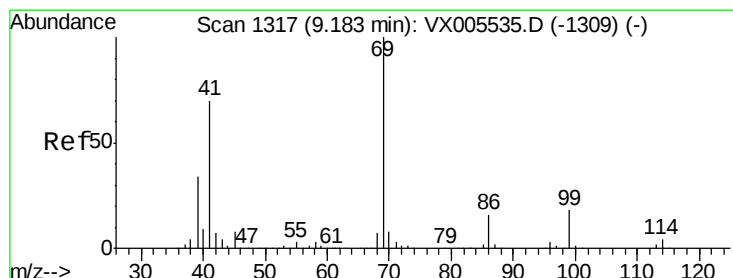
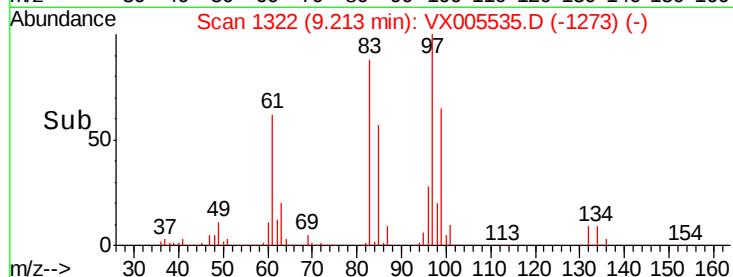
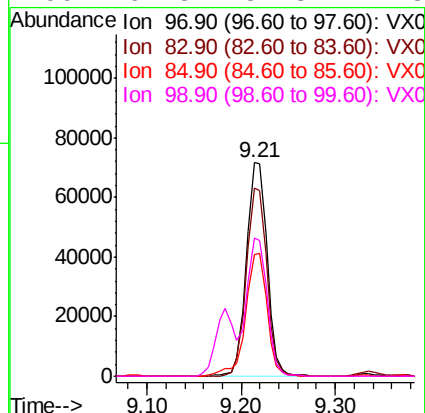
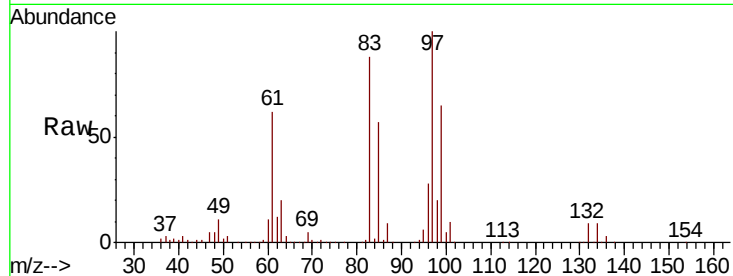
#55
 1,1,2-Trichloroethane
 Concen: 50.063 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	110700
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.7	106.1
85	57.2	45.8	68.6
99	64.8	51.8	77.8

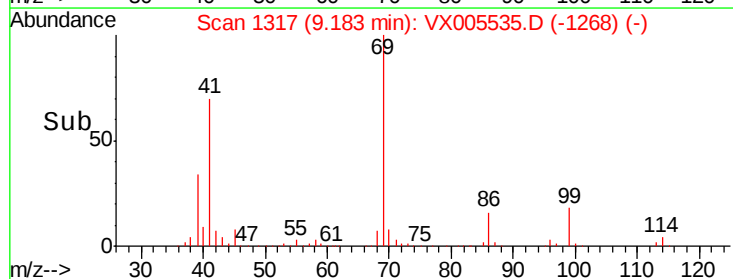
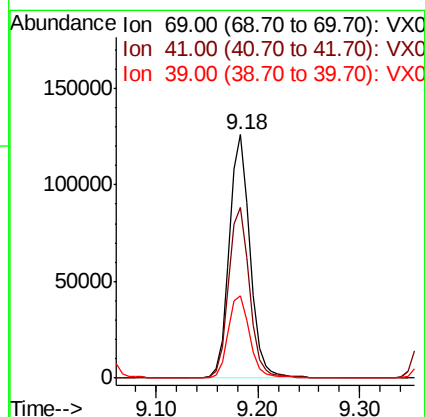
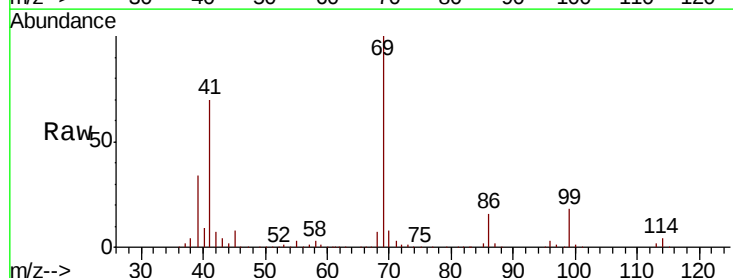
Manual Integrations
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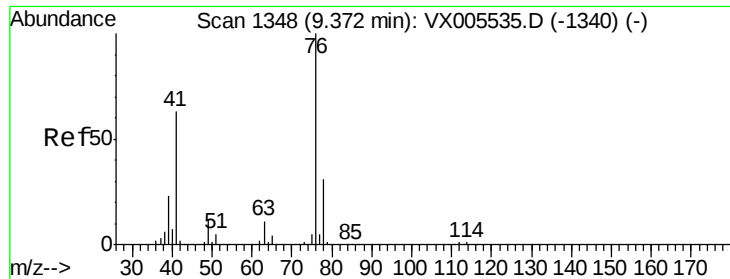
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#56
 Ethyl methacrylate
 Concen: 53.476 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion:	69	Resp:	176378
Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.0	85.6
39	35.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 50.808 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 190096

Ion Ratio Lower Upper

76 100

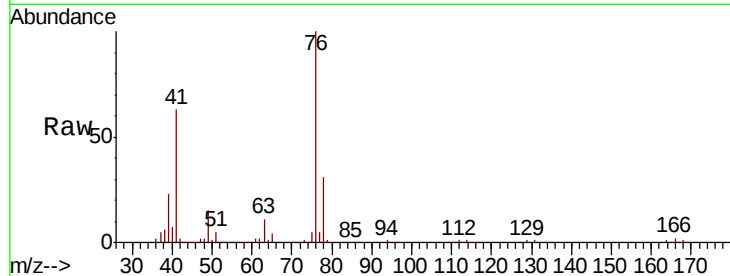
78 31.6 25.3 37.9

Manual Integrations

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MMDadoda

10/26/2018 11:53:10 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

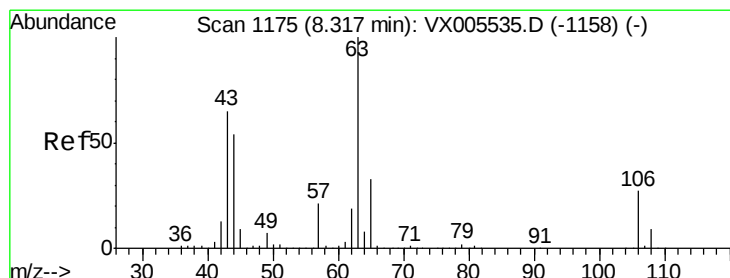
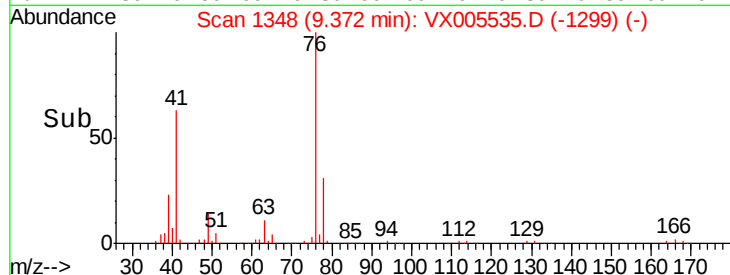
9.37

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.590 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005535.D

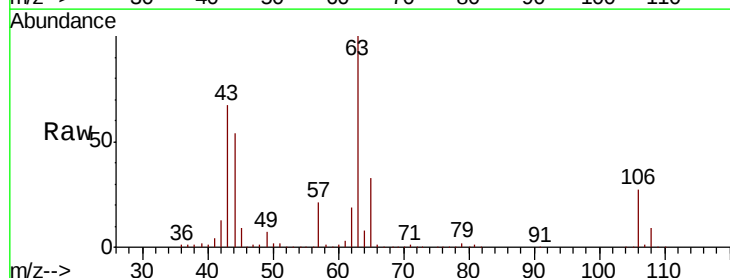
Acq: 24 Oct 2018 11:59

Tgt Ion: 63 Resp: 492926

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

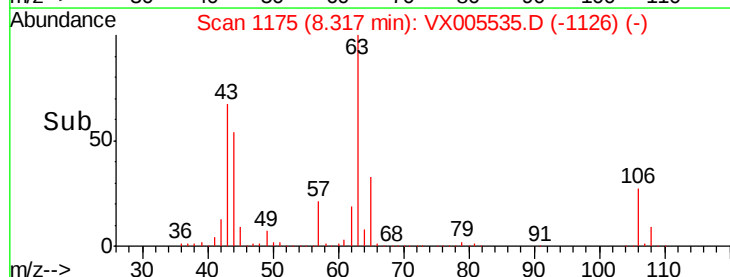
8.32

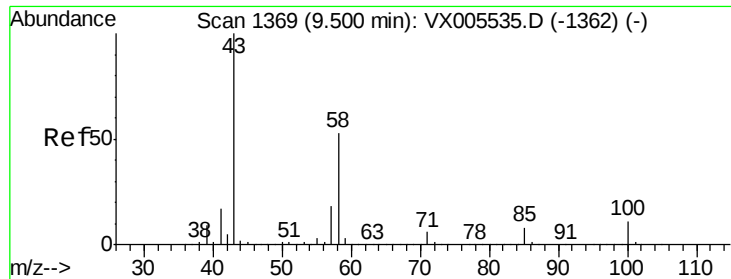
200000

100000

0

Time-->





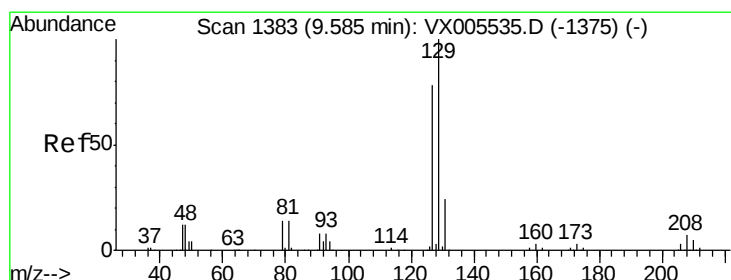
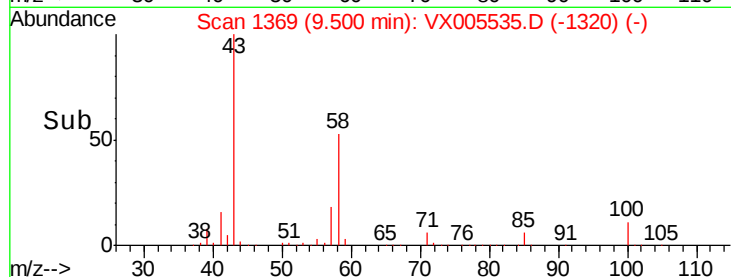
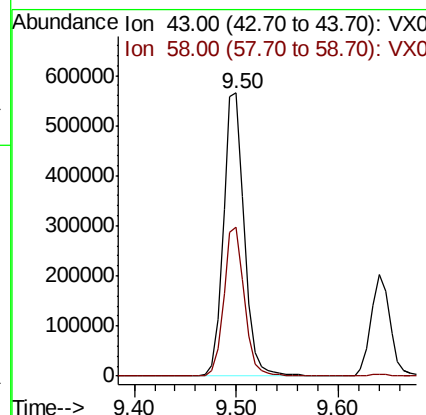
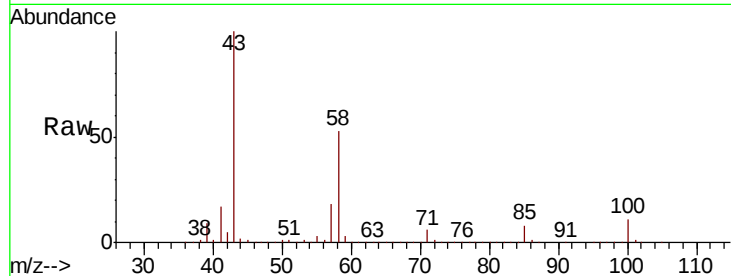
#59
2-Hexanone
Concen: 264.195 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 805898
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

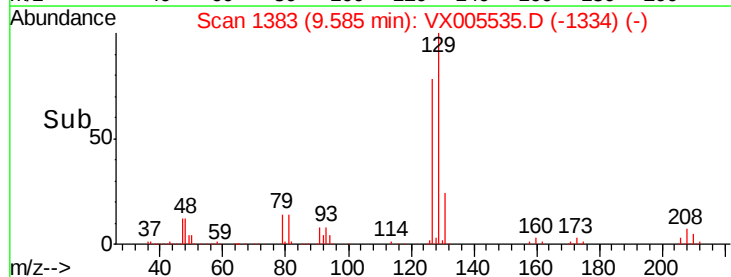
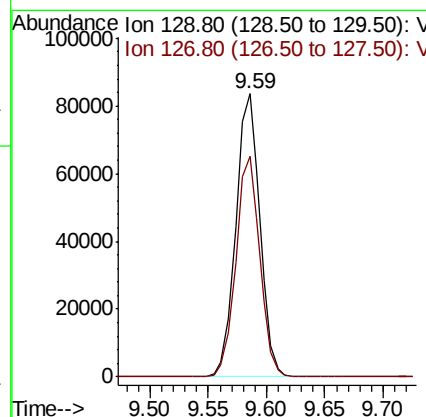
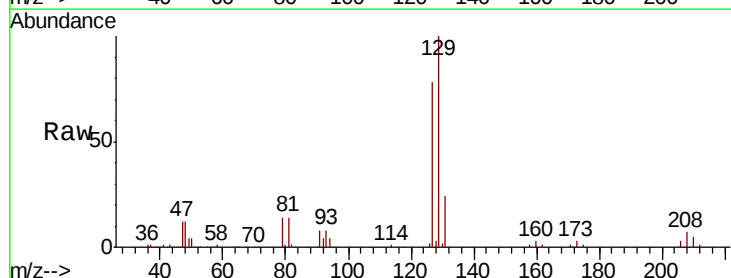
Manual Integrations
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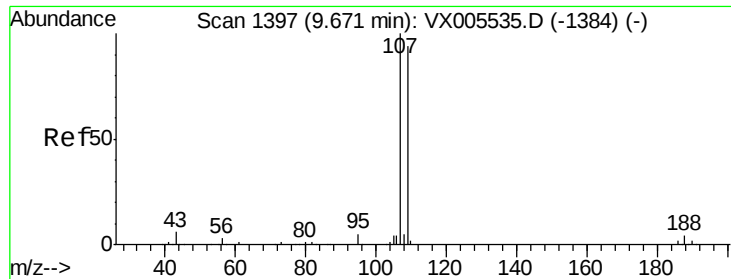
MMDadoda
10/26/2018 11:53:10 AM



#60
Dibromochloromethane
Concen: 52.157 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion: 129 Resp: 120329
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.267 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 117278

Ion Ratio Lower Upper

107 100

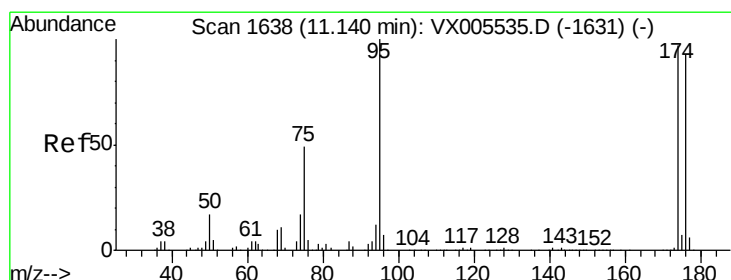
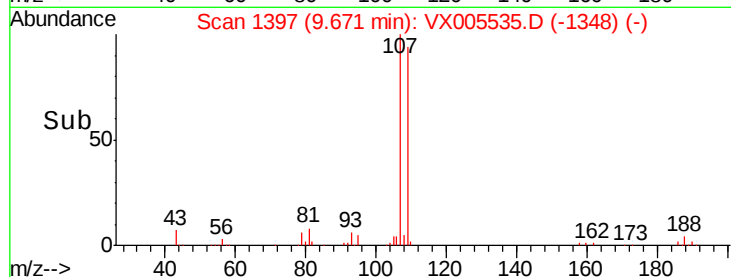
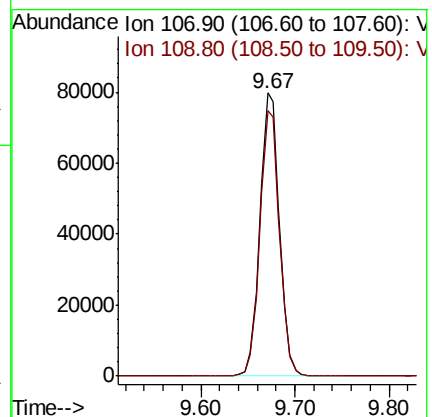
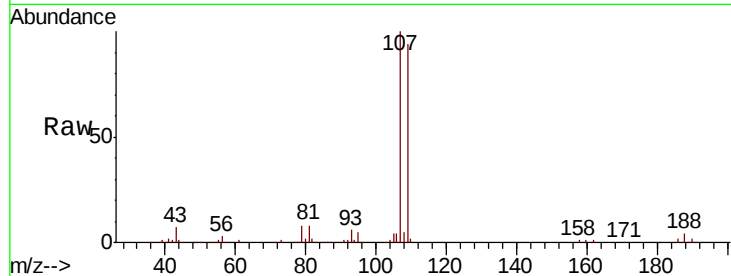
109 94.6 75.7 113.5

Manual Integrations

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MMDadoda

10/26/2018 11:53:10 AM



#62

4-Bromofluorobenzene

Concen: 52.360 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

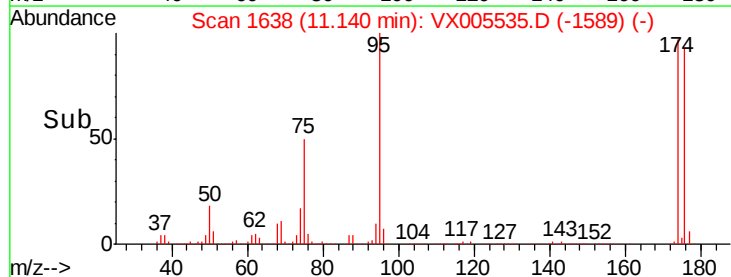
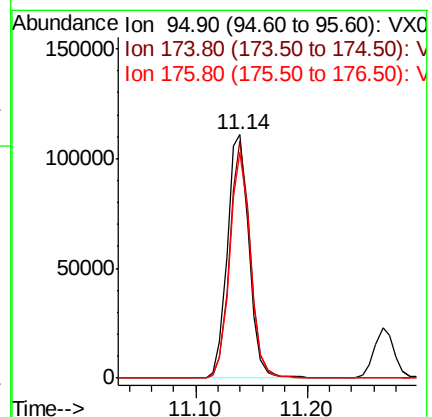
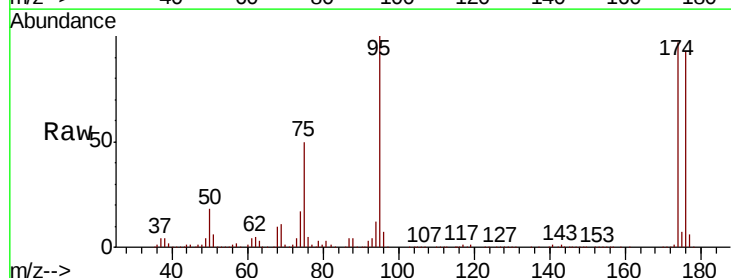
Tgt Ion: 95 Resp: 149240

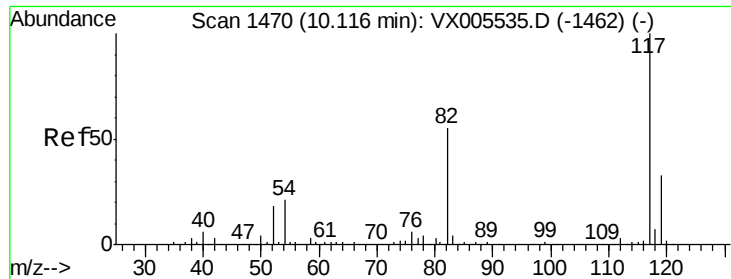
Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

176 88.7 0.0 177.4





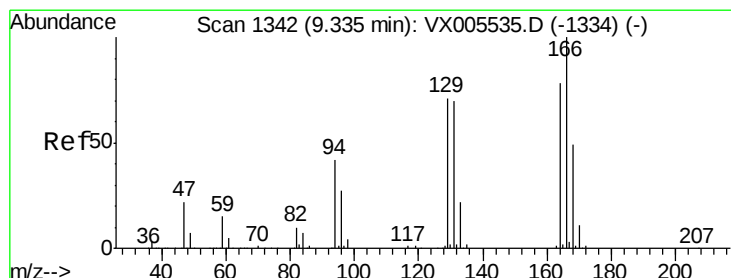
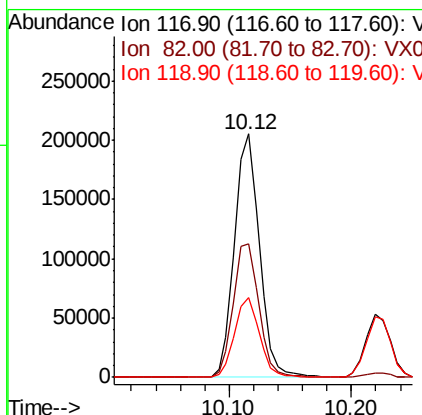
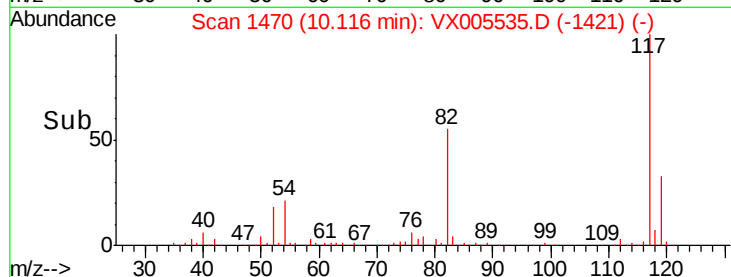
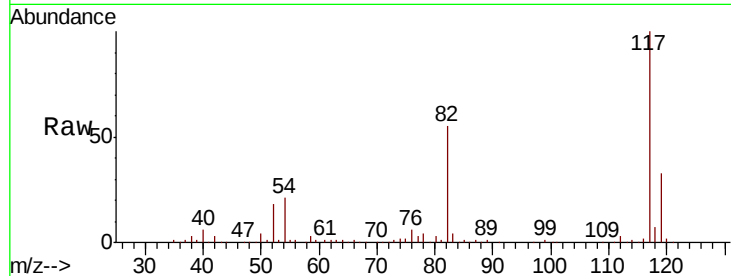
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.1	66.1
119	32.7	26.2	39.2

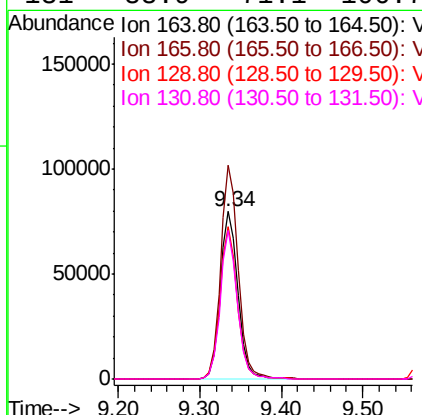
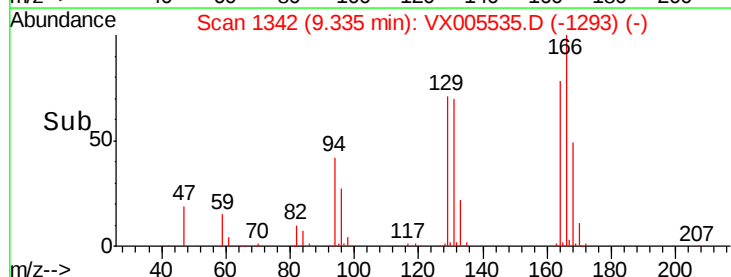
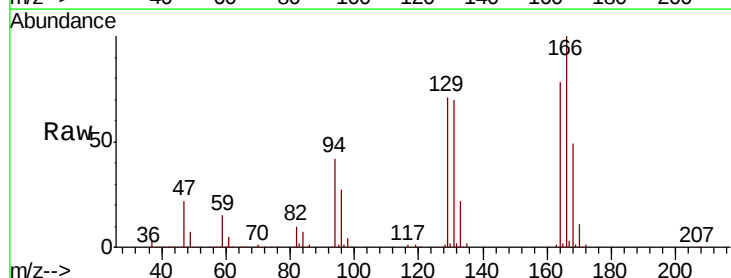
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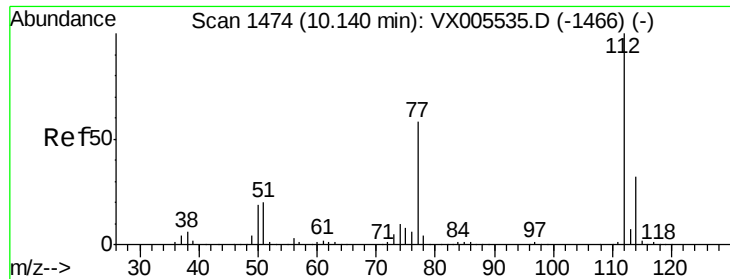
MMDadoda
10/26/2018 11:53:10 AM



#64
Tetrachloroethene
Concen: 50.089 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.9	152.9
129	90.8	72.6	109.0
131	88.9	71.1	106.7





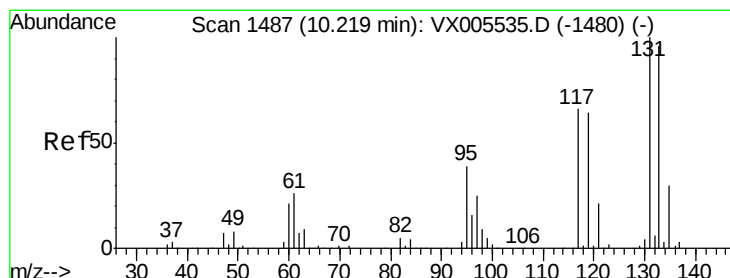
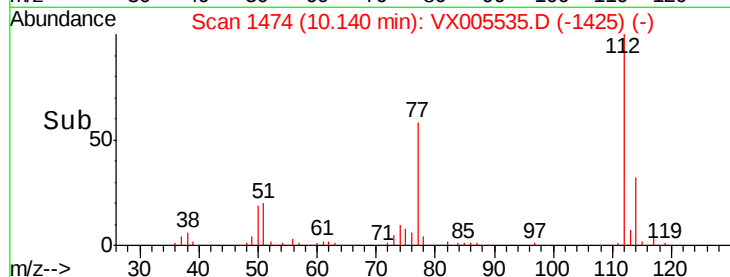
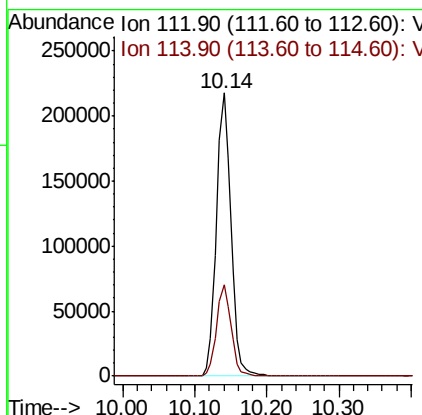
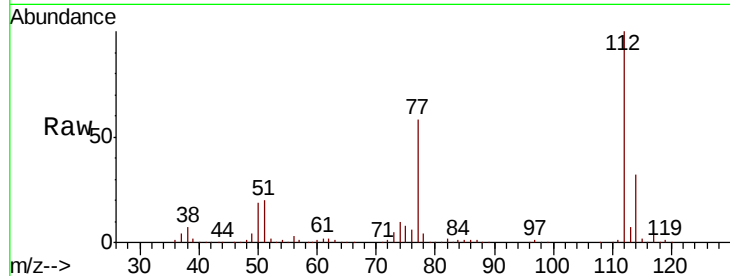
#65
Chlorobenzene
Concen: 49.485 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 304592
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

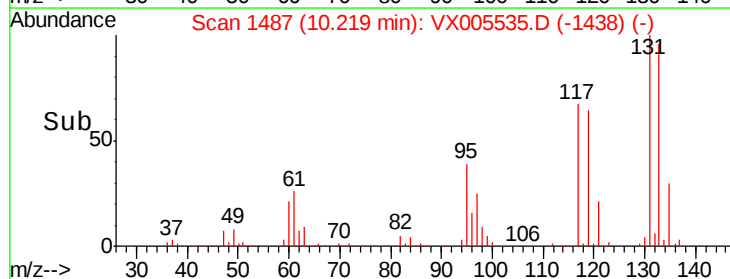
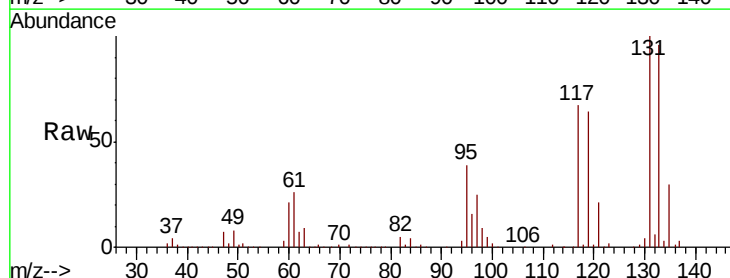
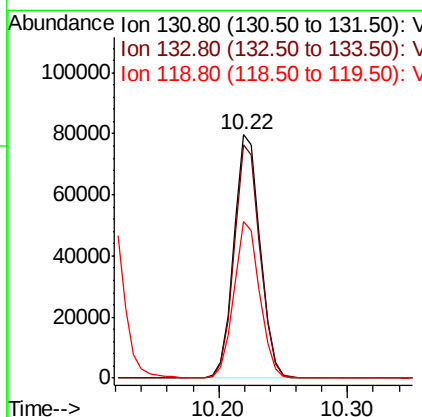
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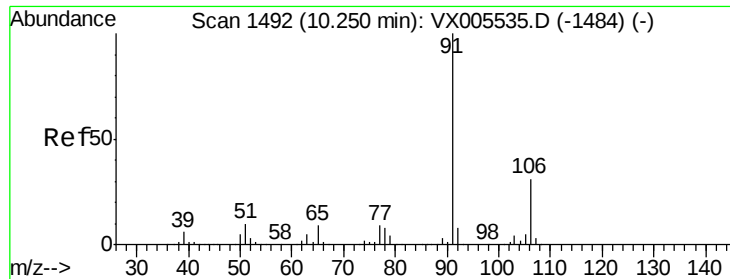
MMDadoda
10/26/2018 11:53:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.122 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion:131 Resp: 112492
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 52.425 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 530909

Ion Ratio Lower Upper

91 100

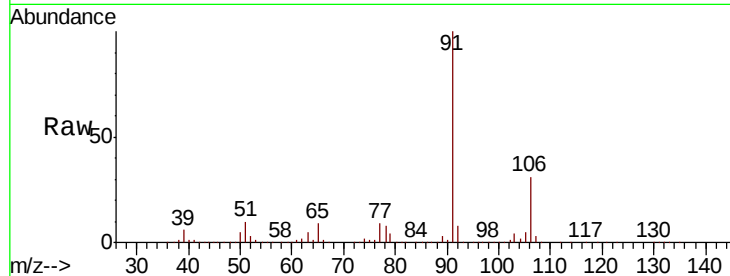
106 30.5 24.4 36.6

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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX005535.D (-1484) (-)

600000

400000

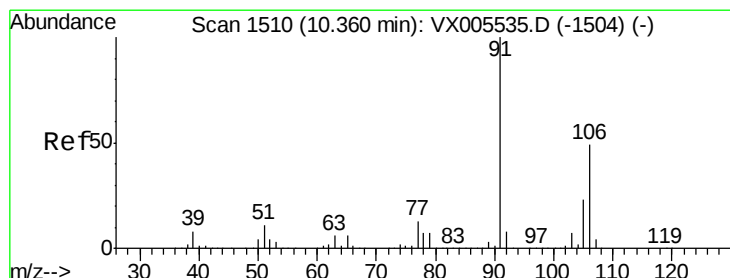
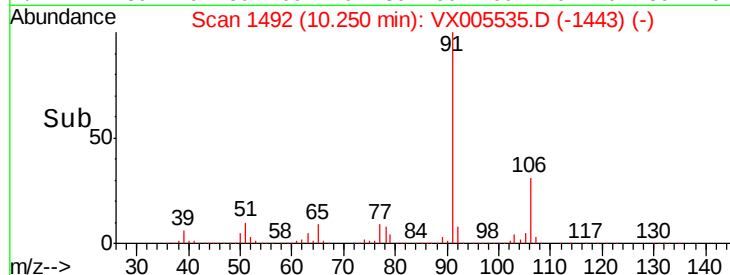
200000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 104.484 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005535.D

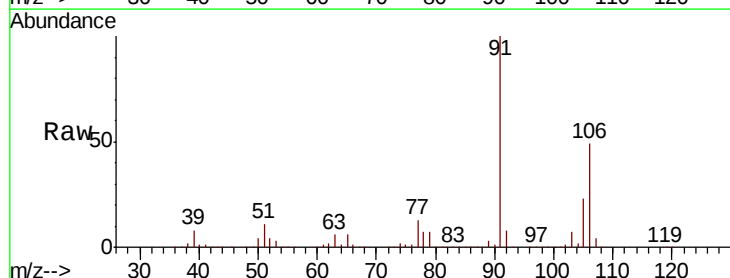
Acq: 24 Oct 2018 11:59

Tgt Ion: 106 Resp: 410520

Ion Ratio Lower Upper

106 100

91 205.3 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX005535.D (-1504) (-)

600000

400000

200000

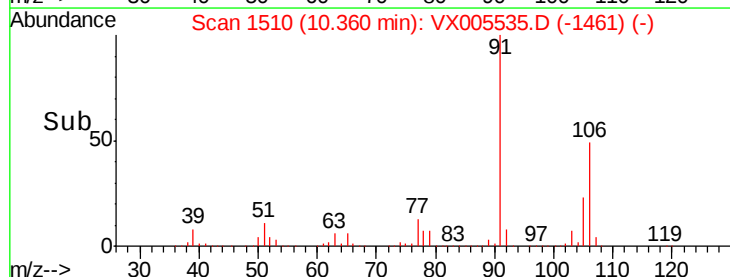
0

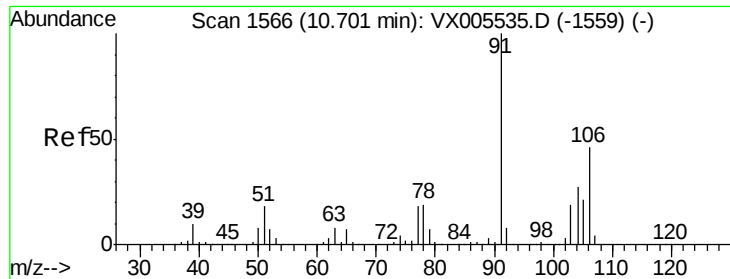
10.36

10.40

10.50

Time-->





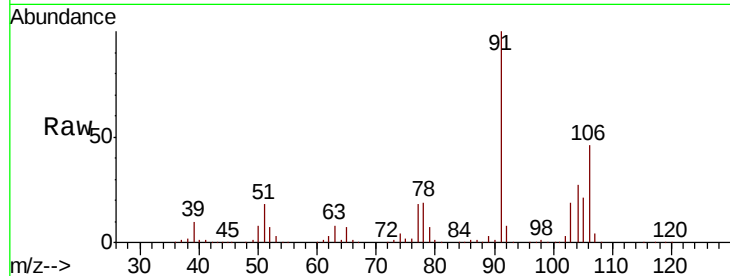
#69
o-Xylene
Concen: 53.272 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

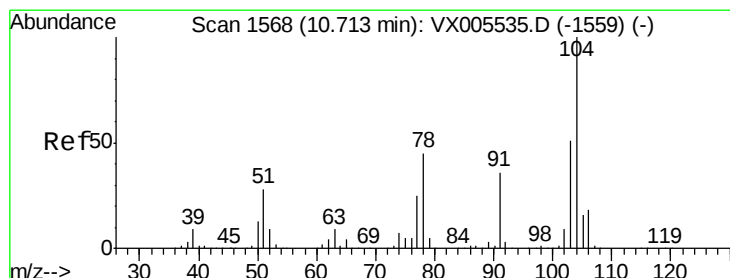
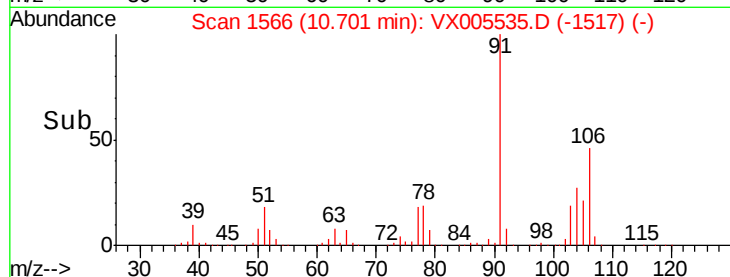
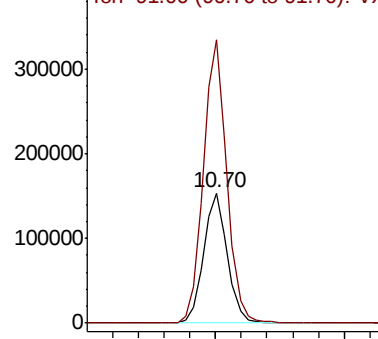
Tot Ion	Ratio	Lower	Upper
106	100		
91	217.0	108.5	325.5

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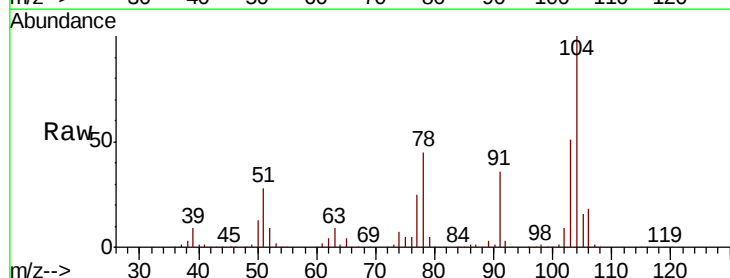


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

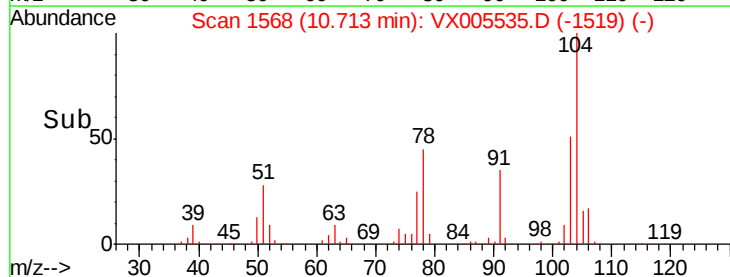
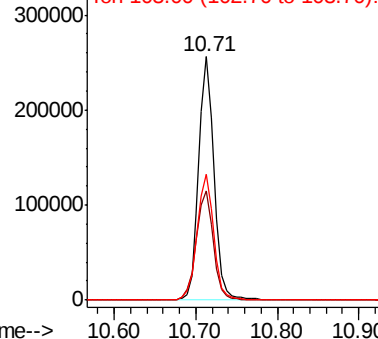


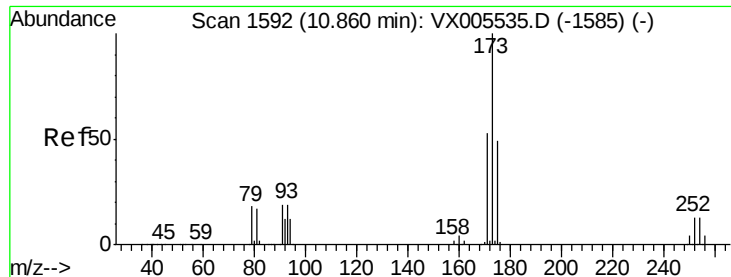
#70
Styrene
Concen: 53.748 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.2	60.4
103	56.1	44.9	67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.669 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 99475

Ion Ratio Lower Upper

173 100

175 49.5 24.8 74.3

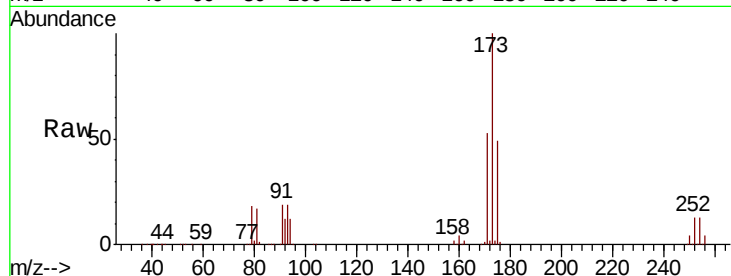
254 0.2 0.2 0.2#

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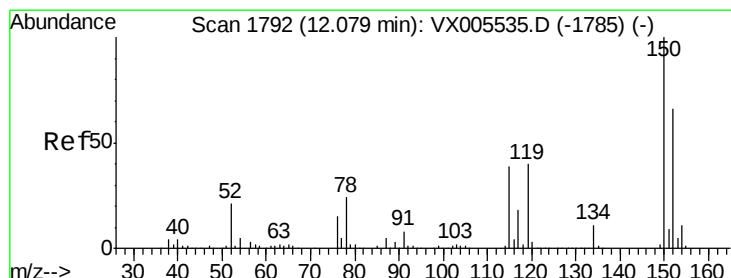
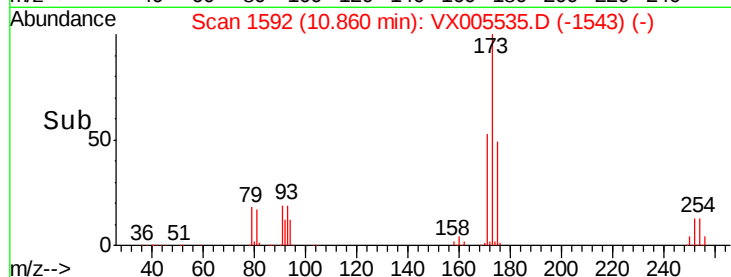
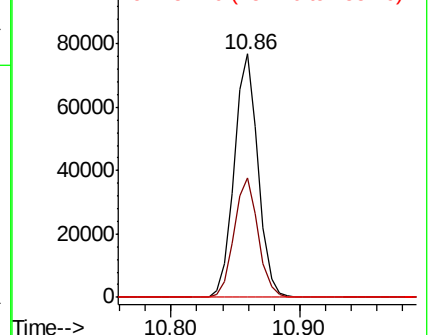


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

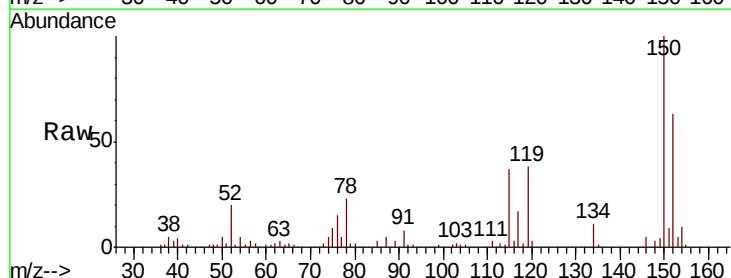
Tgt Ion:152 Resp: 166709

Ion Ratio Lower Upper

152 100

115 78.7 39.4 118.1

150 173.2 0.0 346.4

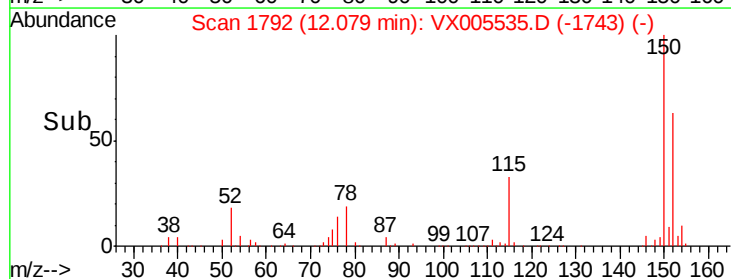
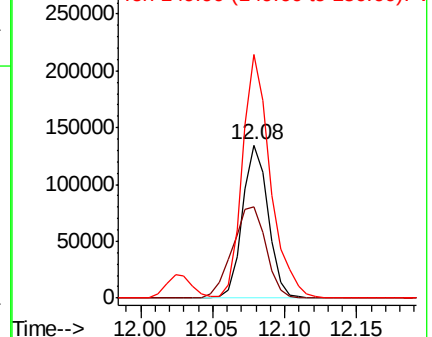


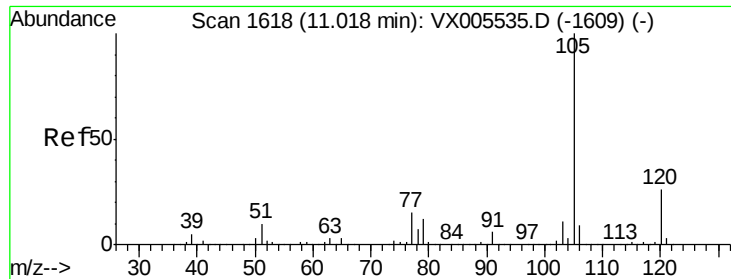
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





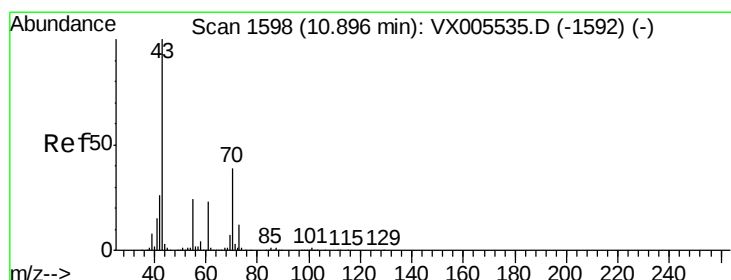
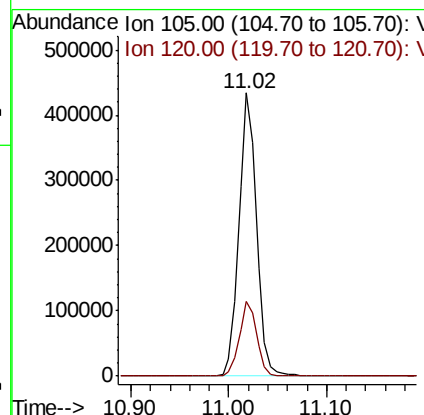
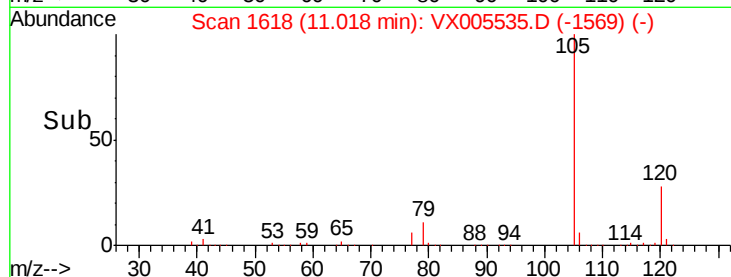
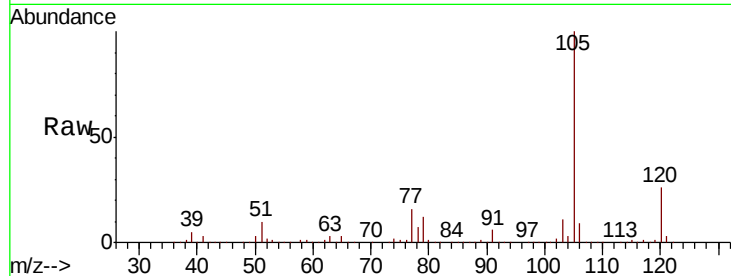
#73
Isopropylbenzene
Concen: 53.104 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

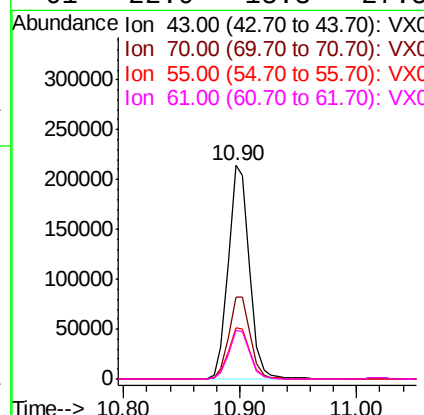
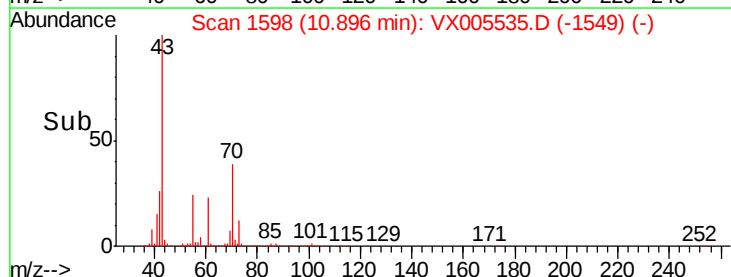
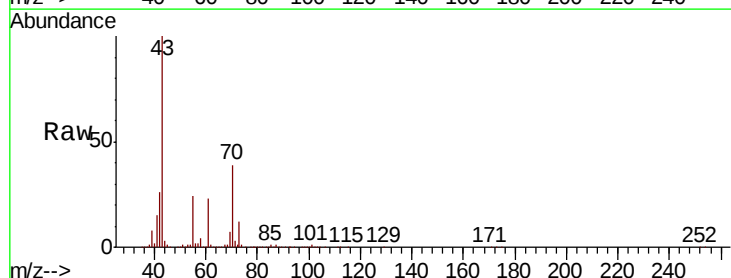
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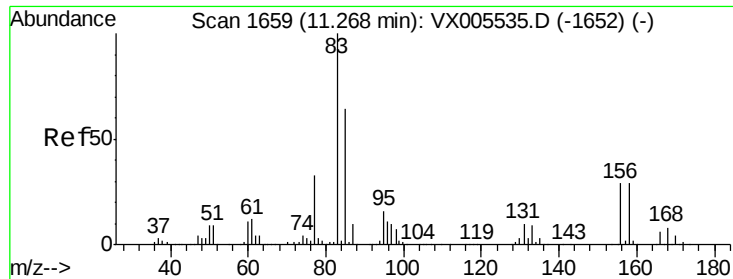
MMDadoda
10/26/2018 11:53:10 AM



#74
N-ethyl acetate
Concen: 52.699 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.5	31.6	47.4
55	24.6	19.7	29.5
61	22.9	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.986 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 184169

Ion Ratio Lower Upper

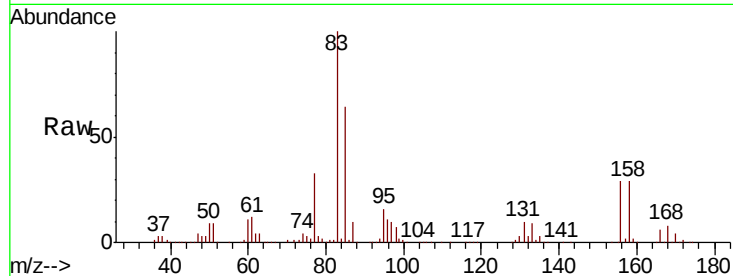
83 100

131 10.6 5.3 15.9

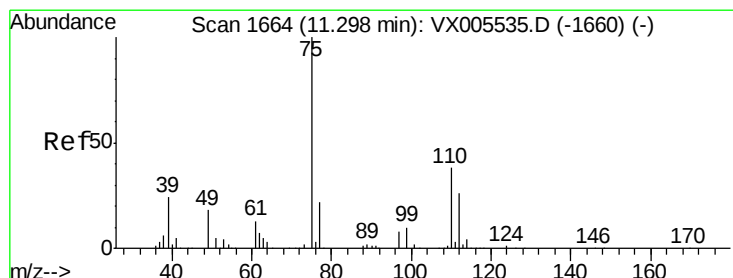
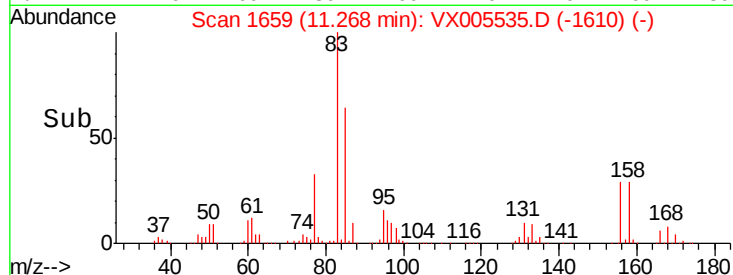
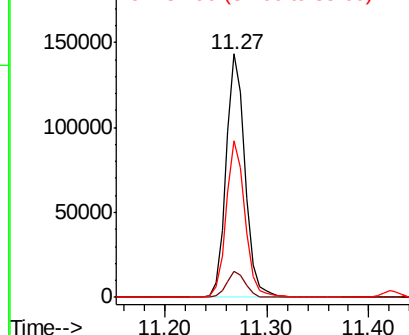
85 64.1 32.0 96.2

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



#76

1,2,3-Trichloropropane

Concen: 51.224 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005535.D

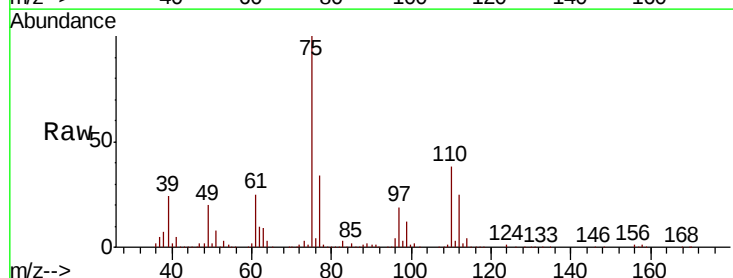
Acq: 24 Oct 2018 11:59

Tgt Ion: 75 Resp: 174983

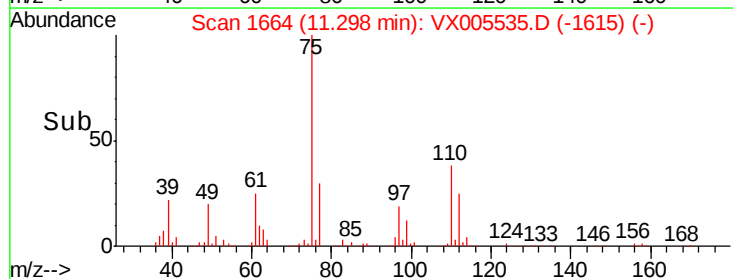
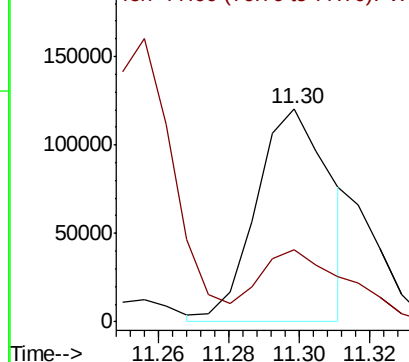
Ion Ratio Lower Upper

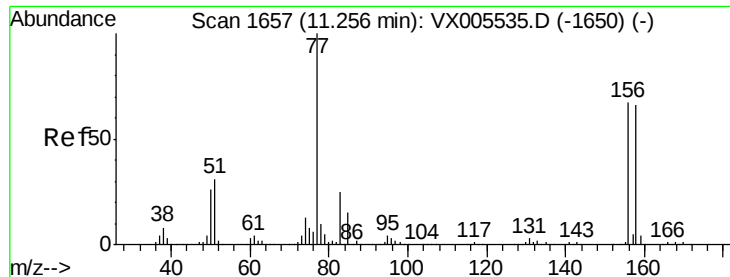
75 100

77 40.7 20.5 61.6



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





#77

Bromobenzene

Concen: 49.924 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 141786

Ion Ratio Lower Upper

156 100

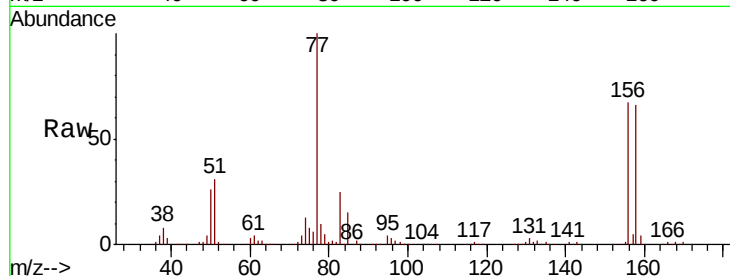
77 149.6 74.8 224.4

158 98.2 49.1 147.3

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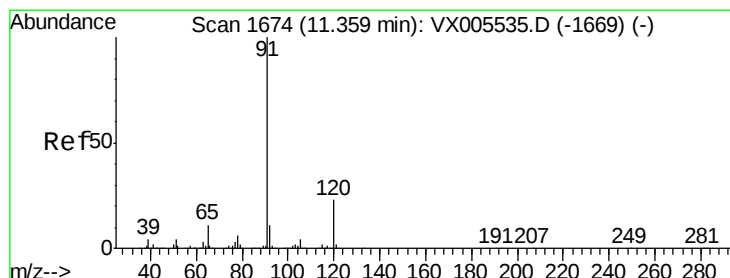
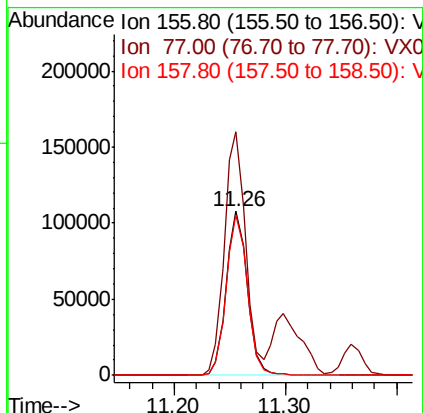
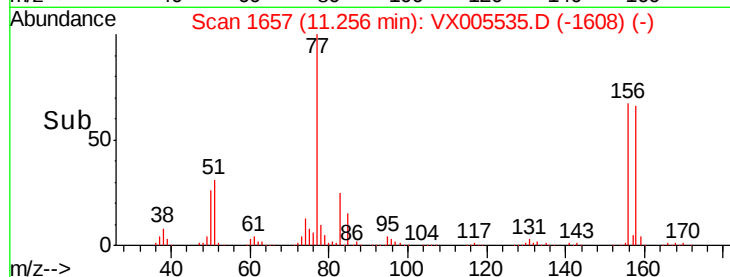
10/26/2018 11:53:10 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.170 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005535.D

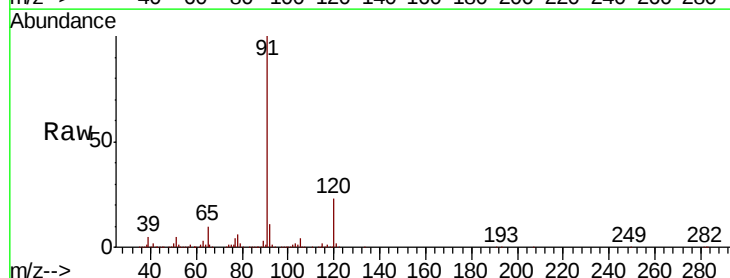
Acq: 24 Oct 2018 11:59

Tgt Ion: 91 Resp: 619572

Ion Ratio Lower Upper

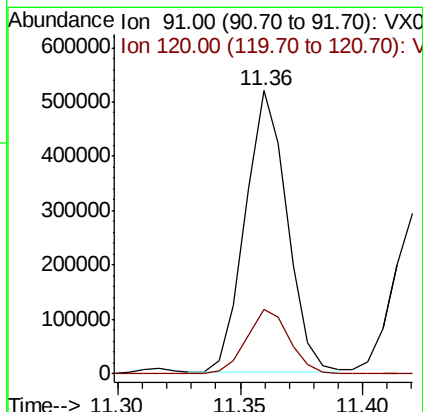
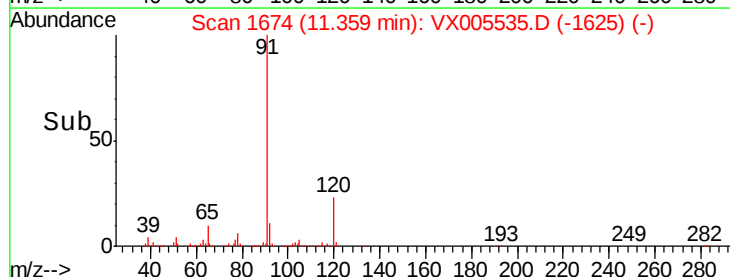
91 100

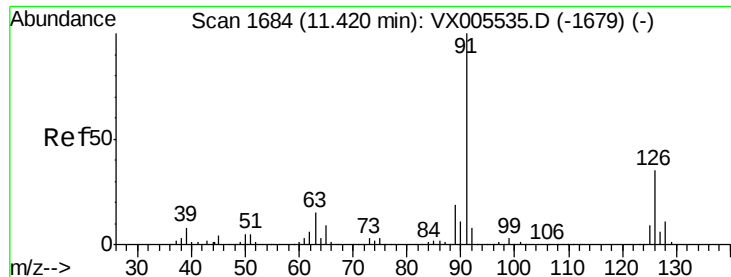
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





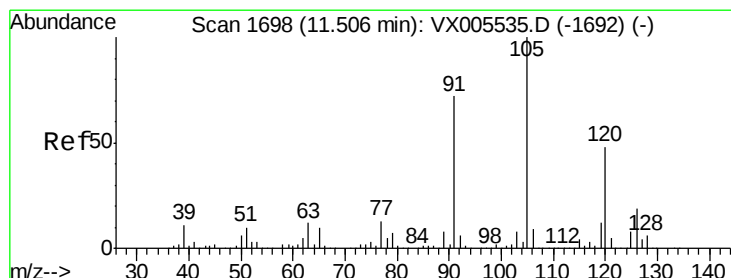
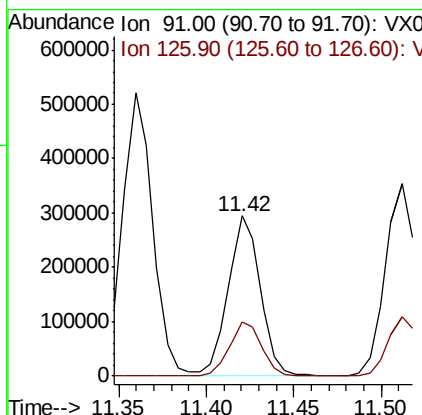
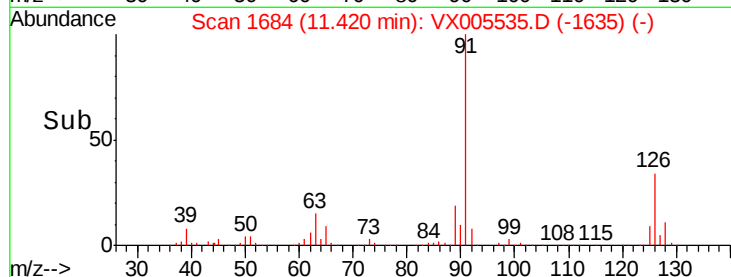
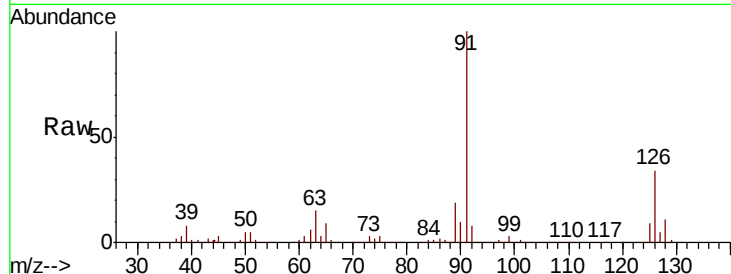
#79
 2-Chlorotoluene
 Concen: 51.427 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 371558
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0

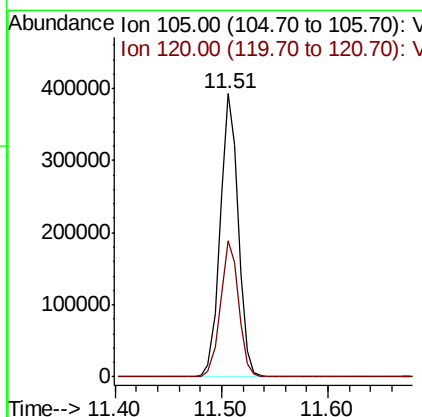
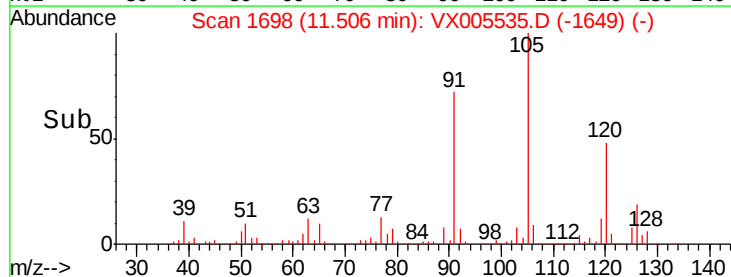
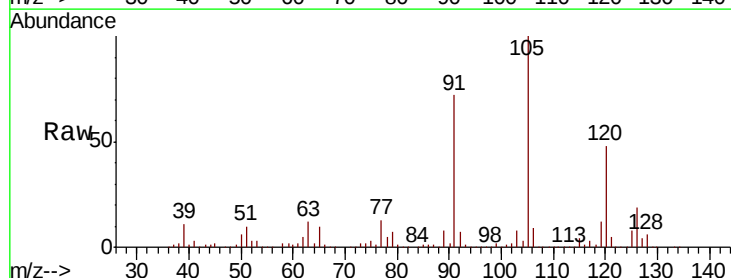
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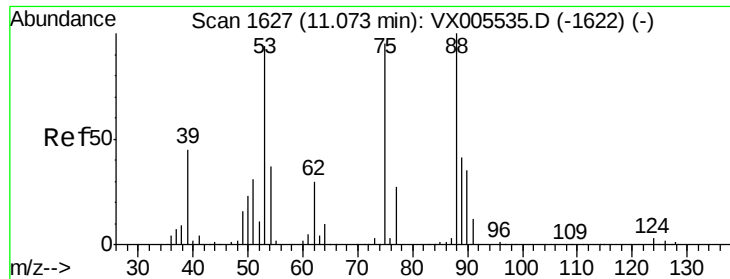
MMDadoda
 10/26/2018 11:53:10 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.126 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion: 105 Resp: 463132
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





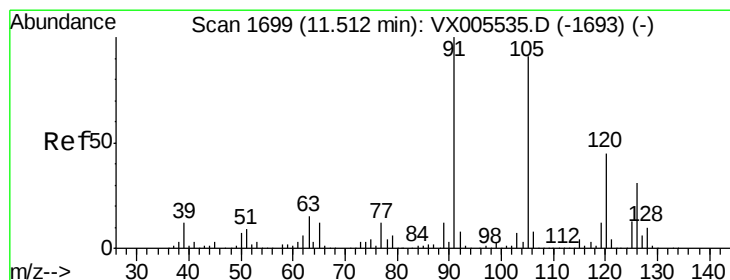
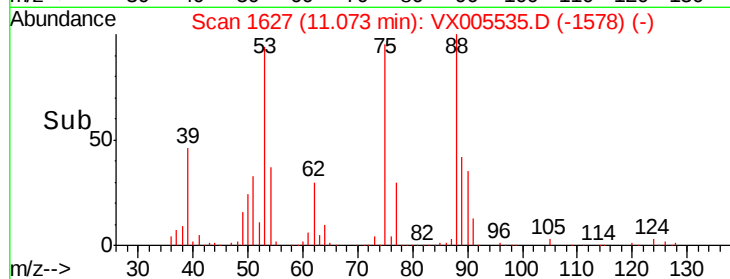
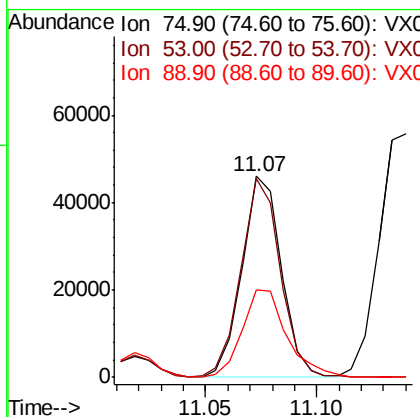
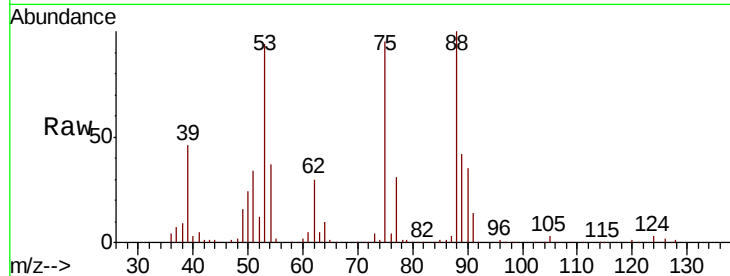
#81
trans-1,4-Dichloro-2-butene
Concen: 52.219 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	80.2	120.2
89	49.8	39.8	59.8

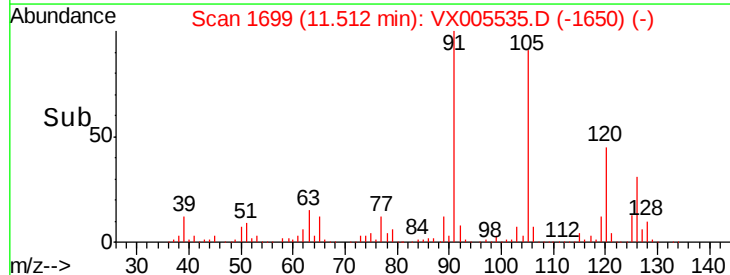
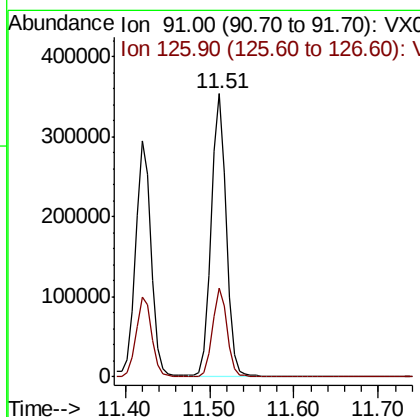
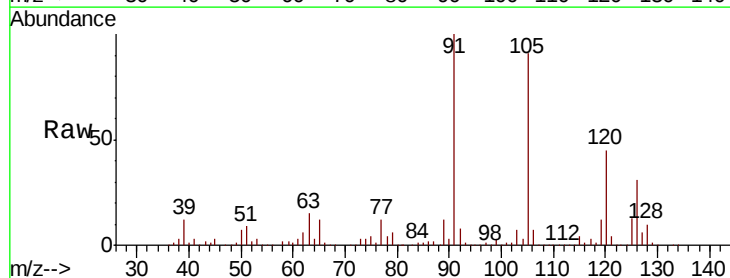
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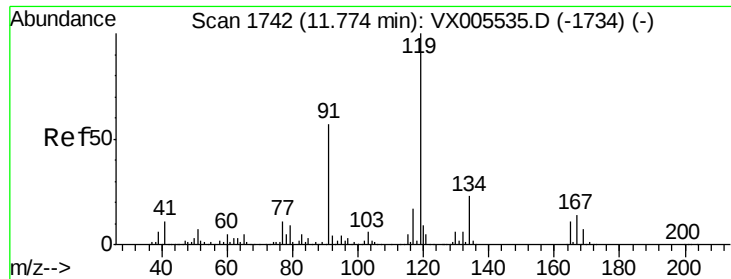
MMDadoda
10/26/2018 11:53:10 AM



#82
4-Chlorotoluene
Concen: 51.696 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





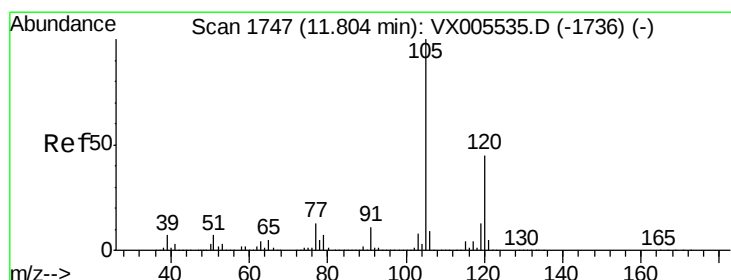
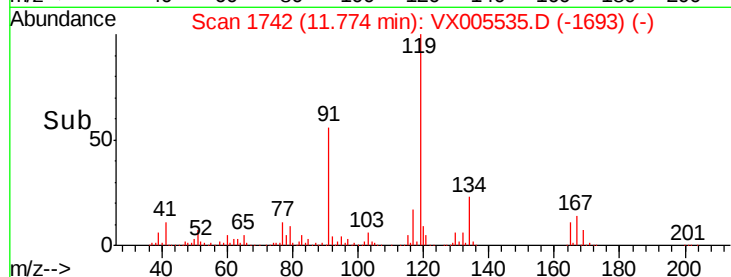
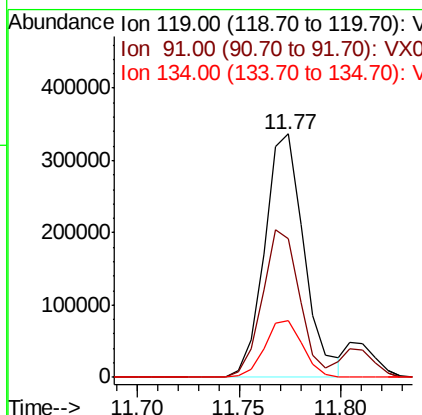
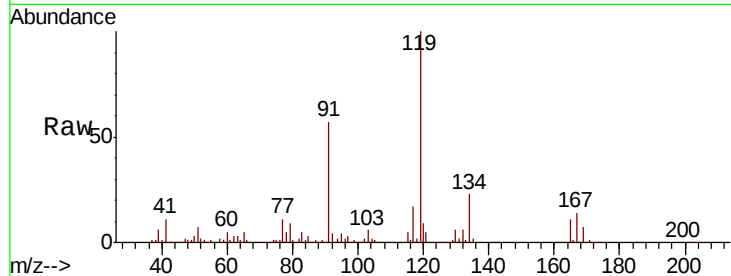
#83
tert-Butylbenzene
Concen: 52.486 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	456088		
91	57.0	28.5	85.5	
134	22.5	11.3	33.8	

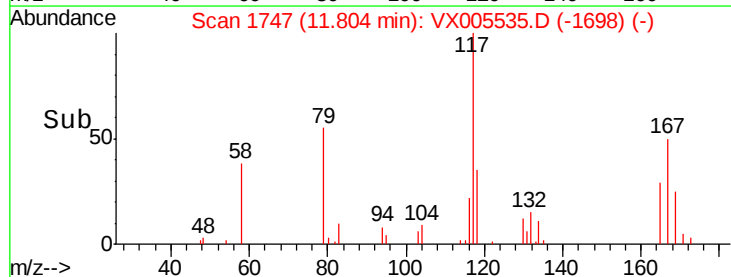
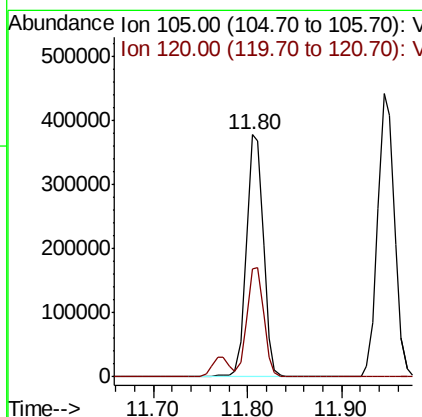
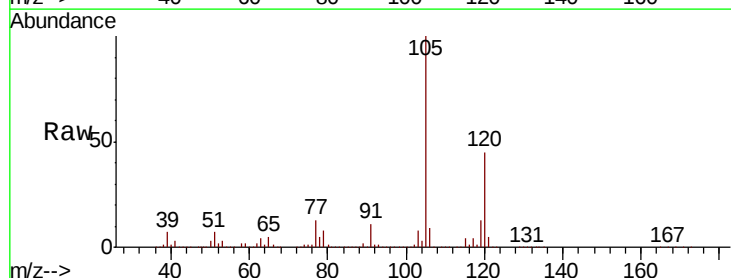
Manual Integrations
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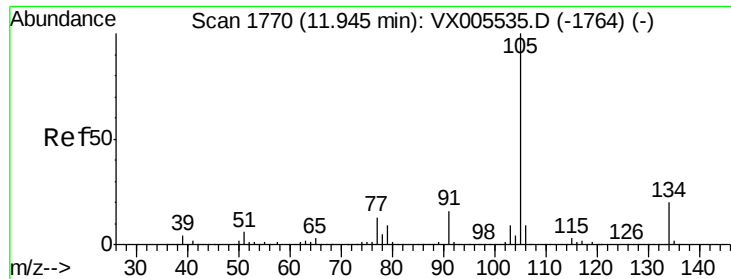
MMDadoda
10/26/2018 11:53:10 AM



#84
1,2,4-Trimethylbenzene
Concen: 53.744 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474835		
120	44.7	22.4	67.0	





#85

sec-Butylbenzene

Concen: 53.050 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 550081

Ion Ratio Lower Upper

105 100

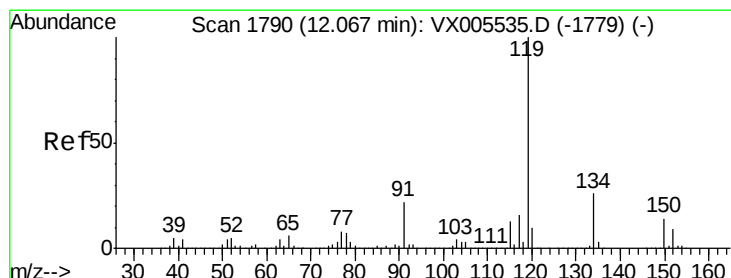
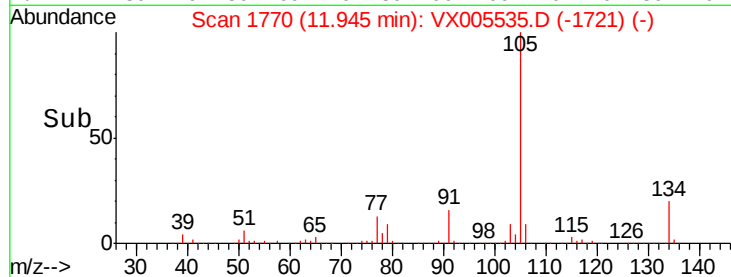
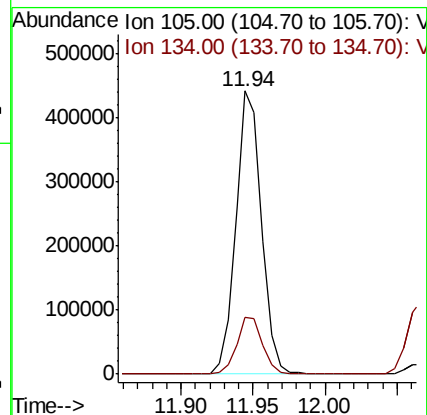
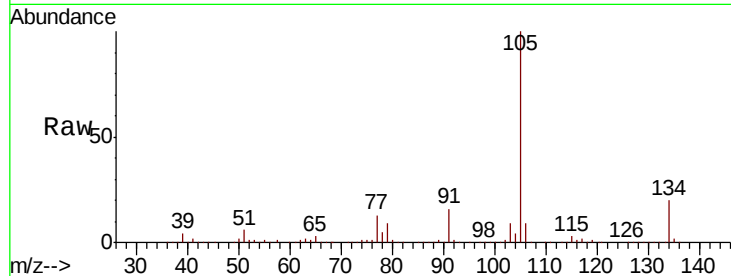
134 20.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.205 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005535.D

Acq: 24 Oct 2018 11:59

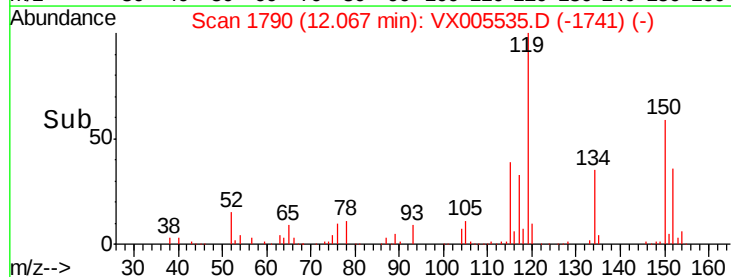
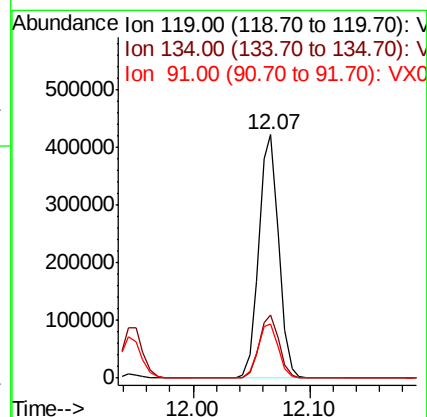
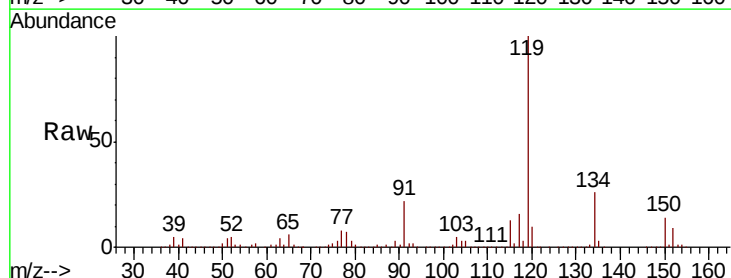
Tgt Ion:119 Resp: 502444

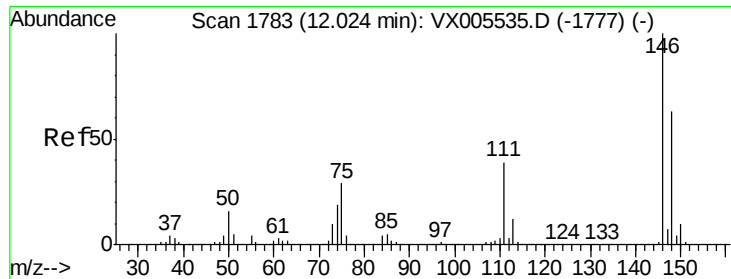
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 22.8 11.4 34.2





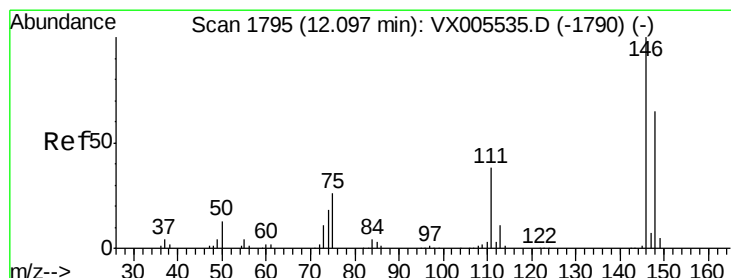
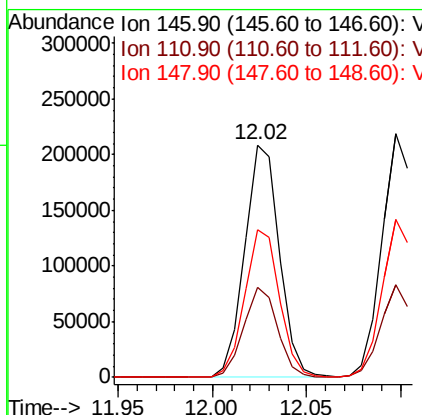
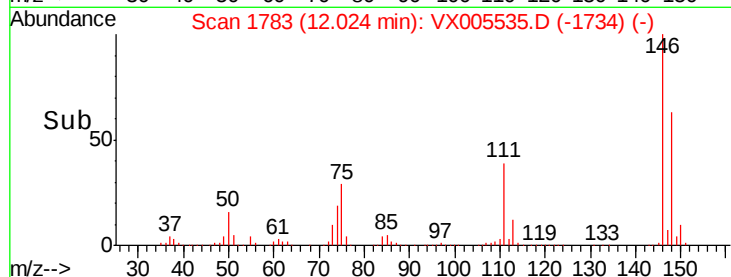
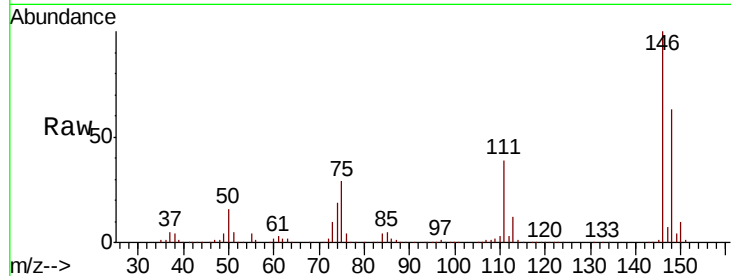
#87
 1,3-Dichlorobenzene
 Concen: 49.987 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.9	31.9	95.9

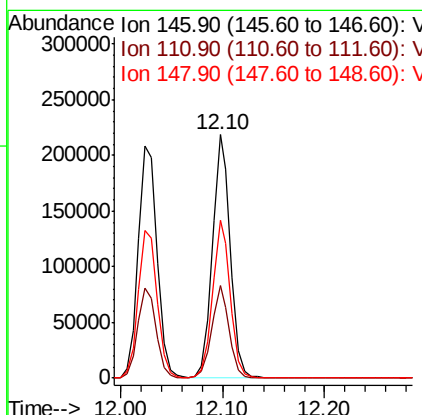
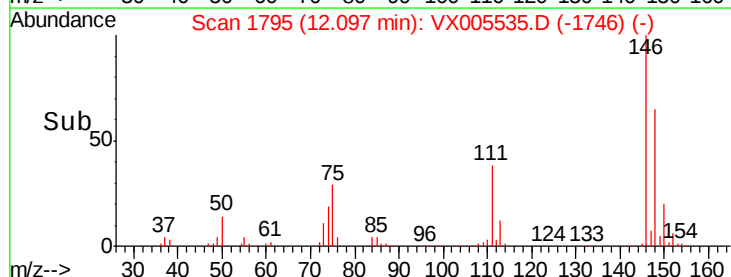
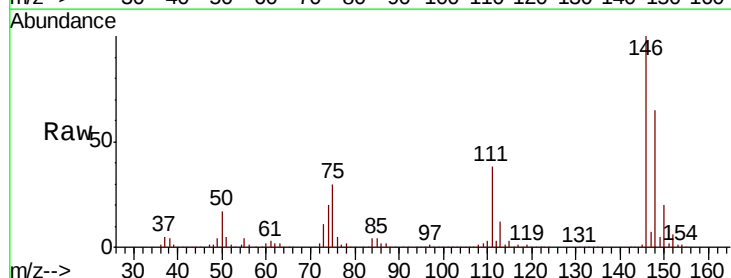
Manual Integrations
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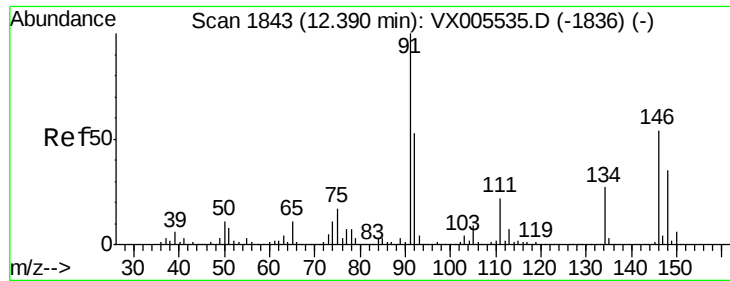
MMDadoda
 10/26/2018 11:53:10 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.303 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.2	32.1	96.3





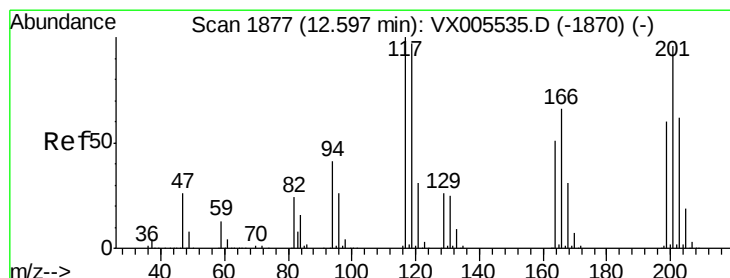
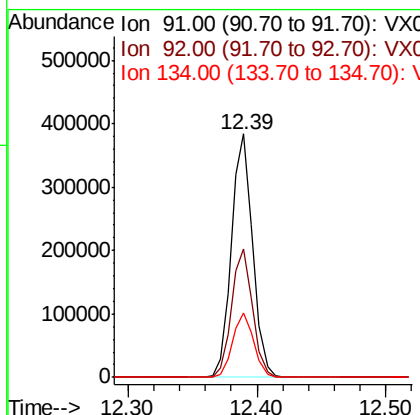
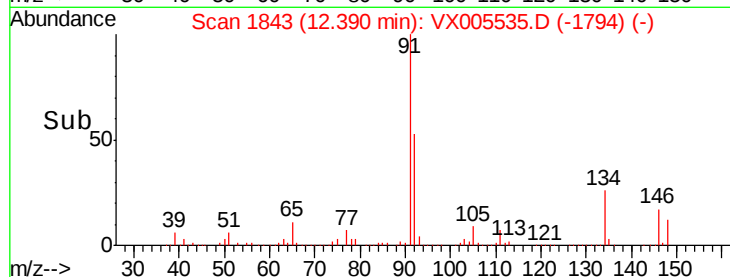
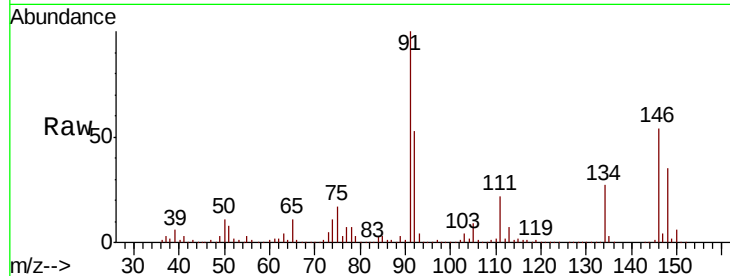
#89
n-Butylbenzene
Concen: 53.065 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	26.2	13.1	39.3

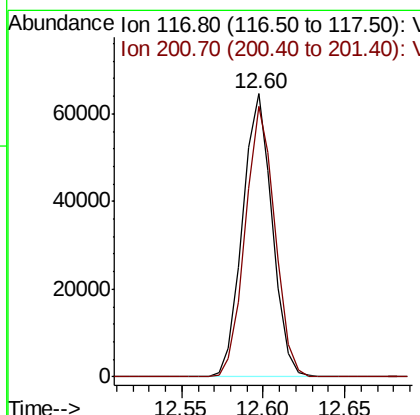
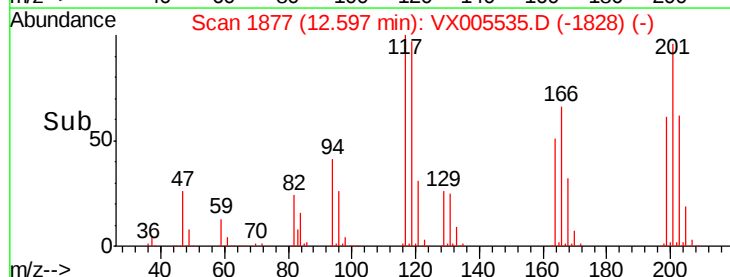
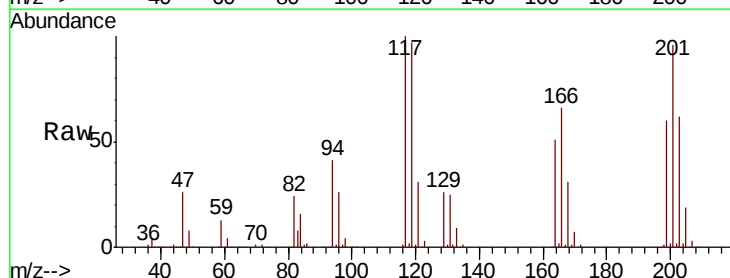
Manual Integrations
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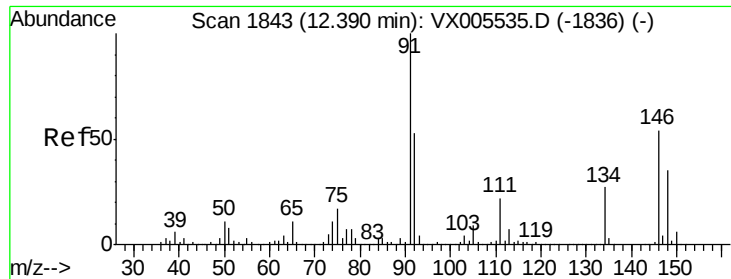
MMDadoda
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#90
Hexachloroethane
Concen: 51.118 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.7	47.9	143.6





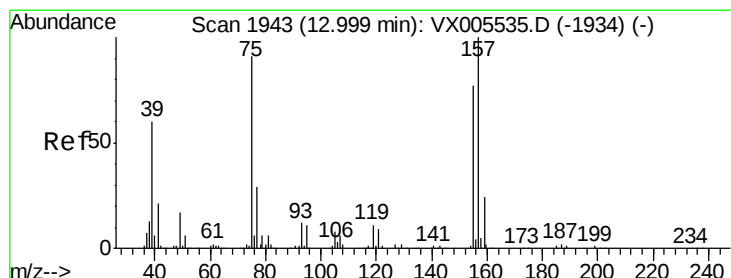
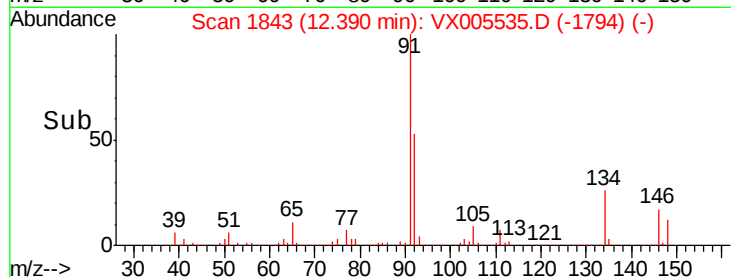
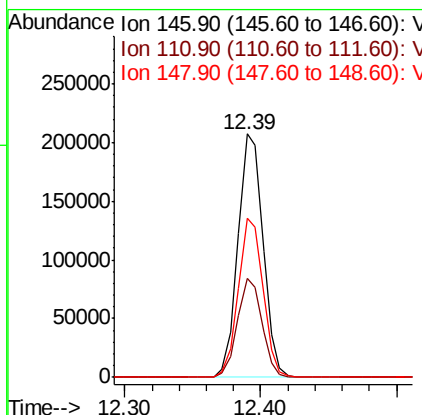
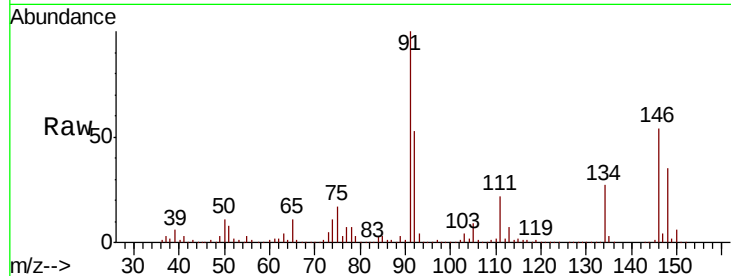
#91
 1,2-Dichlorobenzene
 Concen: 49.388 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.4	32.2	96.6

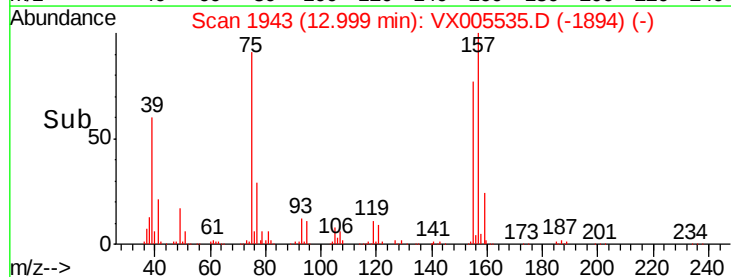
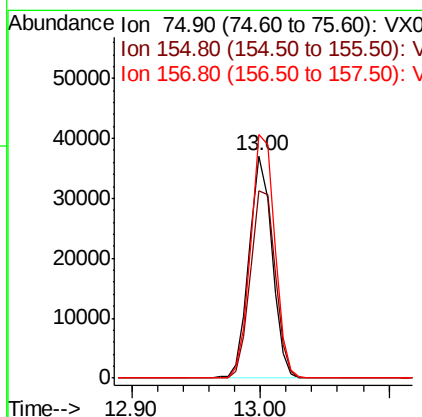
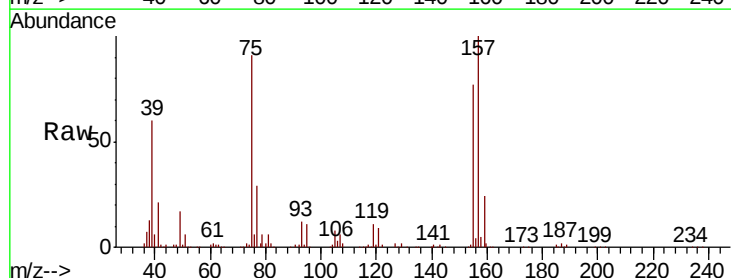
Manual Integrations
 APPROVED

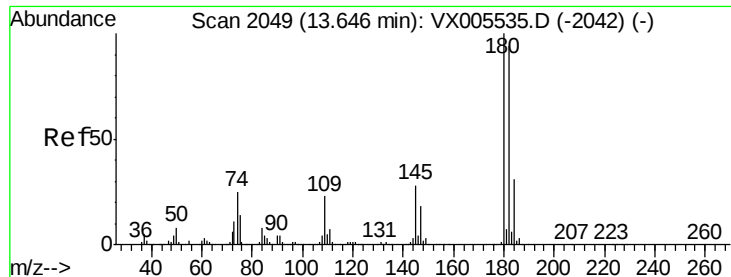
MMDadoda
 10/26/2018 11:53:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.989 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	45.4	136.1
157	114.7	57.4	172.0





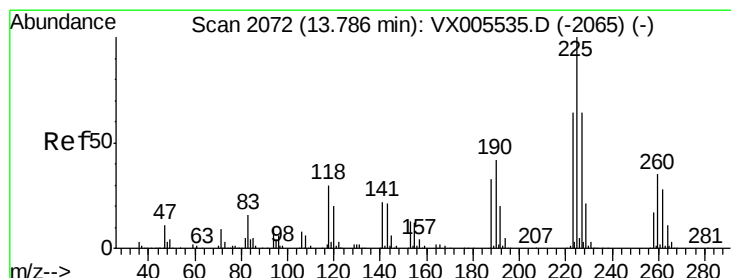
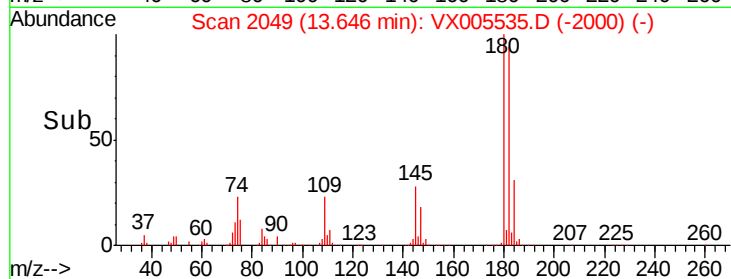
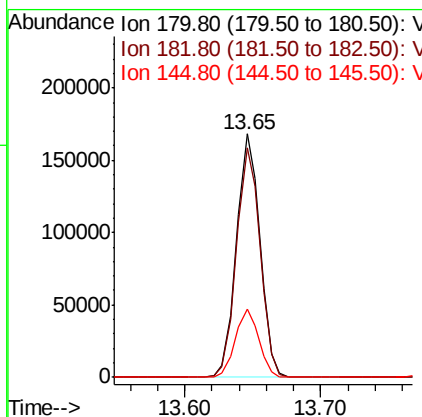
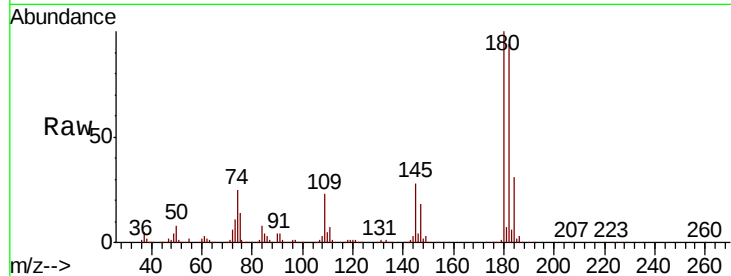
#93
 1,2,4-Trichlorobenzene
 Concen: 51.457 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	201549		
182	95.2	47.6	142.8	
145	28.1	14.1	42.2	

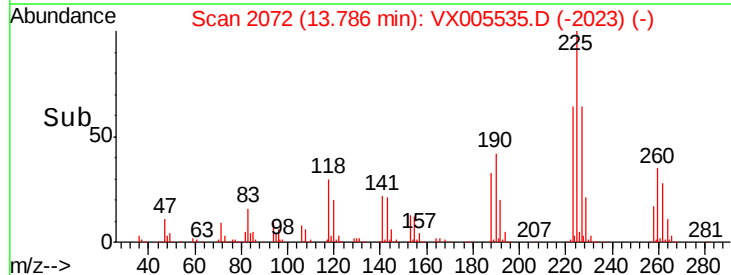
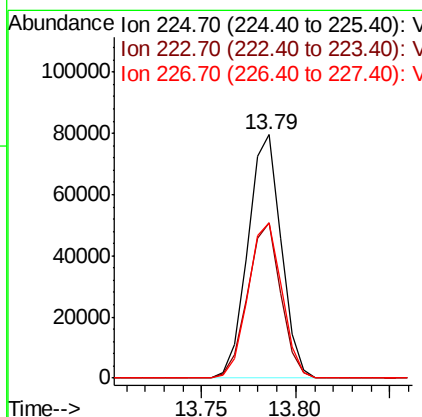
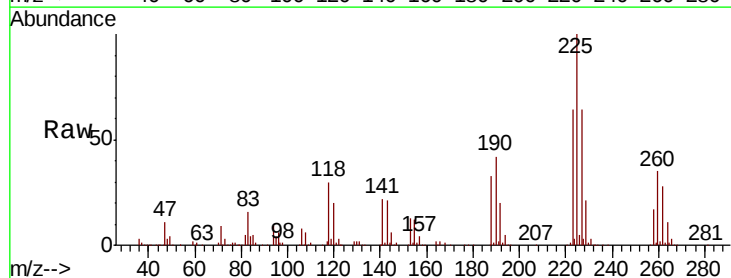
Manual Integrations
 APPROVED

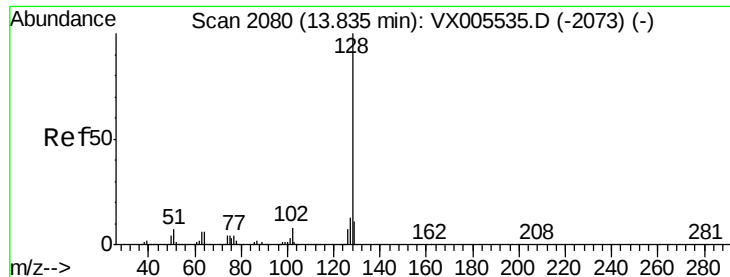
MMDadoda
 10/26/2018 11:53:10 AM



#94
 Hexachlorobutadiene
 Concen: 48.094 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005535.D
 Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97620		
223	63.4	31.7	95.1	
227	64.6	32.3	96.9	





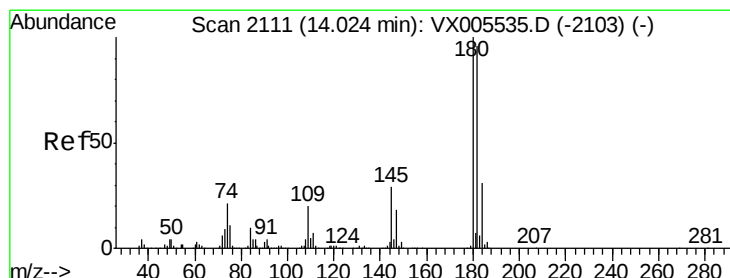
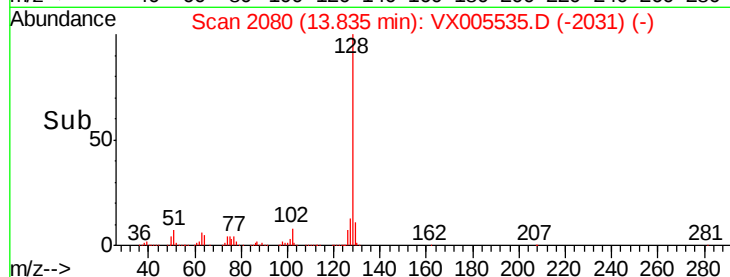
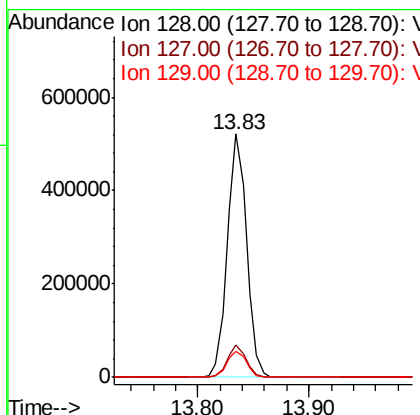
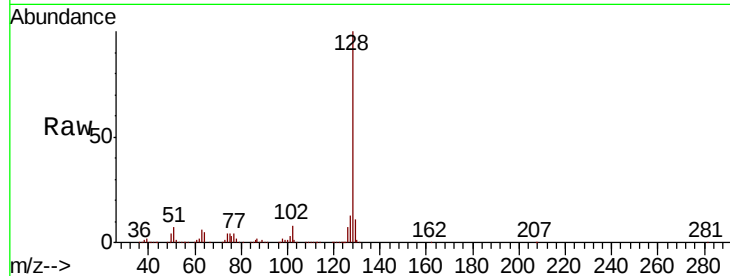
#95
Naphthalene
Concen: 54.837 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.241 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005535.D
Acq: 24 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	30.2	15.1	45.3

