

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012927.D
 Acq On : 09 Oct 2019 07:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:40:27 AM

Quant Time: Oct 09 08:15:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	167910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111181	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	5.49	113	86239	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	8.71	98	331380	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	128006	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	93363	54.549	ug/l	99
3) Chloromethane	1.32	50	98162	52.699	ug/l	97
4) Vinyl Chloride	1.40	62	100663	52.358	ug/l	96
5) Bromomethane	1.63	94	39434	49.342	ug/l	97
6) Chloroethane	1.71	64	62933	53.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	141836	54.659	ug/l	99
8) Diethyl Ether	2.18	74	56081	53.542	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88652	52.787	ug/l	100
10) Methyl Iodide	2.50	142	102754	53.600	ug/l	100
11) Tert butyl alcohol	3.03	59	143232	257.456	ug/l	98
12) 1,1-Dichloroethene	2.36	96	91266	53.787	ug/l	94
13) Acrolein	2.28	56	88552	223.976	ug/l	100
14) Allyl chloride	2.72	41	157721	52.195	ug/l	99
15) Acrylonitrile	3.13	53	291475	276.464	ug/l	99
16) Acetone	2.43	43	247710	223.928	ug/l	98
17) Carbon Disulfide	2.56	76	247782	51.213	ug/l	100
18) Methyl Acetate	2.76	43	142400	54.310	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330053	56.326	ug/l	98
20) Methylene Chloride	2.84	84	104964	51.630	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	97443	53.579	ug/l	98
22) Diisopropyl ether	3.84	45	323233	55.823	ug/l	95
23) Vinyl Acetate	3.80	43	1388325	277.742	ug/l	99
24) 1,1-Dichloroethane	3.69	63	180852	55.519	ug/l	99
25) 2-Butanone	4.66	43	396777	258.536	ug/l	100
26) 2,2-Dichloropropane	4.57	77	103085	37.632	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	113334	54.062	ug/l	97
28) Bromochloromethane	5.00	49	55942	57.532	ug/l	98
29) Tetrahydrofuran	5.11	42	258998	274.245	ug/l	99
30) Chloroform	5.20	83	181946	54.435	ug/l	99
31) Cyclohexane	5.57	56	161622	53.061	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	160041	56.510	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135141	52.192	ug/l	99
37) Ethyl Acetate	4.82	43	153343	52.962	ug/l	99
38) Carbon Tetrachloride	5.77	117	136962	54.344	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165066	52.566	ug/l	100
40) Benzene	6.13	78	412308	53.914	ug/l	100
41) Methacrylonitrile	5.03	41	83966	52.777	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148957	54.281	ug/l	99
43) Isopropyl Acetate	6.43	43	250376	53.878	ug/l	100
44) Trichloroethene	7.21	130	107930	50.894	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104191	53.456	ug/l	100
46) Dibromomethane	7.65	93	70159	54.026	ug/l	100
47) Bromodichloromethane	7.89	83	139653	55.106	ug/l	96
48) Methyl methacrylate	7.76	41	121343	53.583	ug/l	100
49) 1,4-Dioxane	7.73	88	60437	994.685	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	774324	267.250	ug/l	100
52) Toluene	8.78	92	260301	53.203	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145923	46.307	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	163337	52.403	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104750	54.101	ug/l	99
56) Ethyl methacrylate	9.17	69	172875	49.866	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177719	53.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	381100	267.931	ug/l	100
59) 2-Hexanone	9.49	43	594680	263.667	ug/l	100
60) Dibromochloromethane	9.58	129	107308	49.810	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109139	53.584	ug/l	100
64) Tetrachloroethene	9.33	164	98397	53.805	ug/l	95
65) Chlorobenzene	10.14	112	269660	51.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99997	55.081	ug/l	99
67) Ethyl Benzene	10.25	91	493807	53.094	ug/l	99
68) m/p-Xylenes	10.35	106	374756	107.857	ug/l	100
69) o-Xylene	10.70	106	182172	53.765	ug/l	99
70) Styrene	10.71	104	315360	54.749	ug/l	99
71) Bromoform	10.85	173	73106	47.441	ug/l #	98
73) Isopropylbenzene	11.01	105	489653	54.136	ug/l	100
74) N-amyl acetate	10.89	43	217237	55.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	160335	53.297	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149370m	54.742	ug/l	
77) Bromobenzene	11.25	156	112558	52.810	ug/l	98
78) n-propylbenzene	11.35	91	535294	53.784	ug/l	99
79) 2-Chlorotoluene	11.42	91	333570	53.329	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	417519	55.283	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	44133	42.278	ug/l	98
82) 4-Chlorotoluene	11.51	91	386413	53.898	ug/l	99
83) tert-Butylbenzene	11.76	119	393379	53.395	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	416928	54.508	ug/l	99
85) sec-Butylbenzene	11.94	105	460127	53.908	ug/l	99
86) p-Isopropyltoluene	12.06	119	429826	54.298	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	204832	51.751	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	205560	51.281	ug/l	99
89) n-Butylbenzene	12.39	91	356954	53.652	ug/l	98
90) Hexachloroethane	12.59	117	73867	50.365	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	205454	52.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39828	56.486	ug/l	95

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VSTDCCC050EC

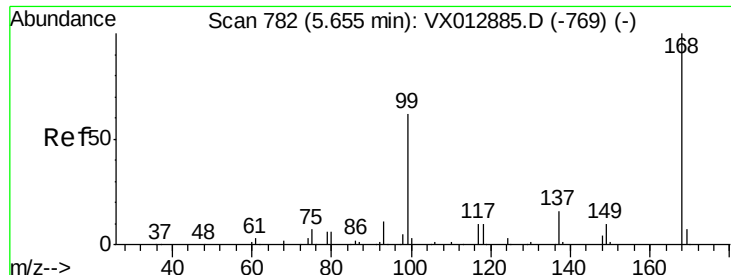
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130008	53.486	ug/l	99
94) Hexachlorobutadiene	13.78	225	56625	50.478	ug/l	100
95) Naphthalene	13.83	128	462054	54.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132681	52.822	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 167910

Ion Ratio Lower Upper

168 100

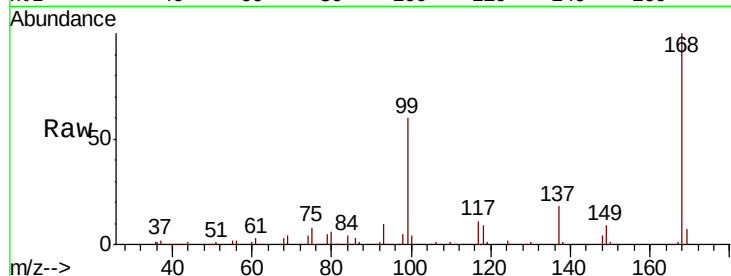
99 59.9 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

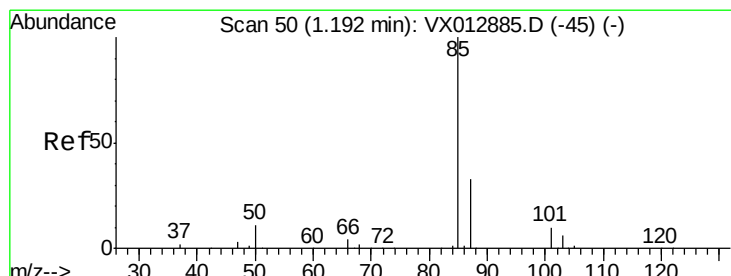
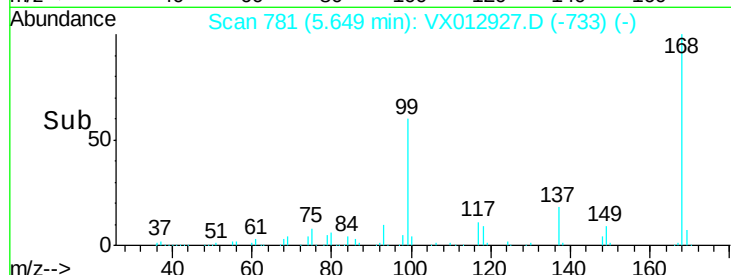
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 54.549 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012927.D

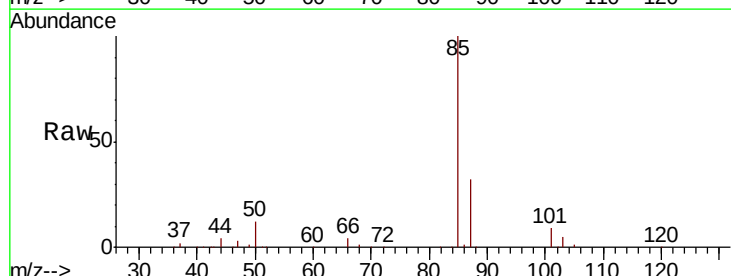
Acq: 09 Oct 2019 07:01

Tgt Ion: 85 Resp: 93363

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

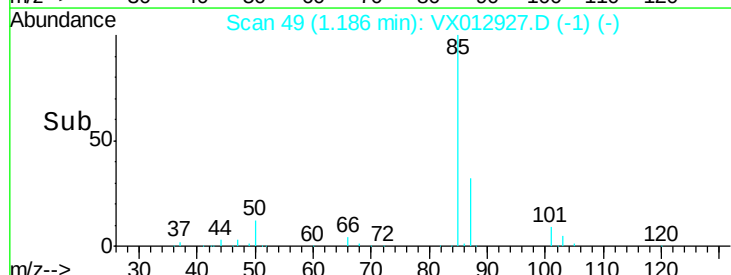
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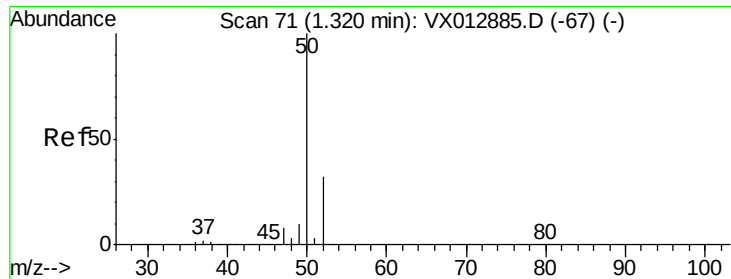
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 52.699 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 98162

Ion Ratio Lower Upper

50 100

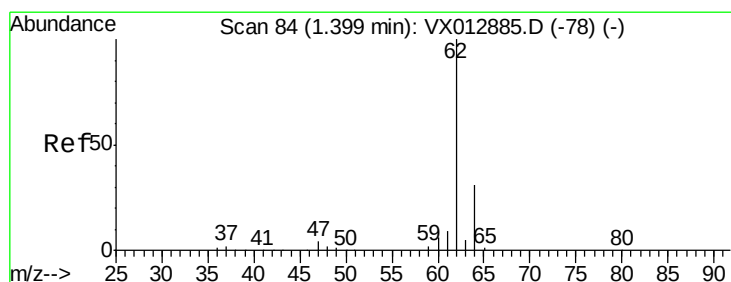
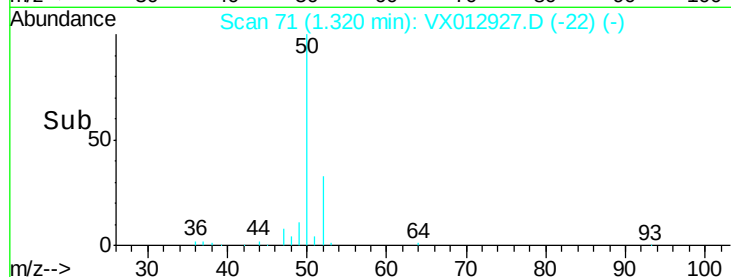
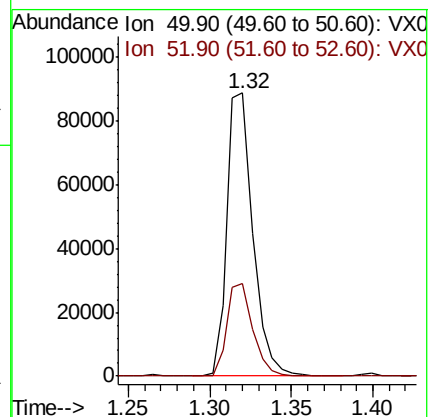
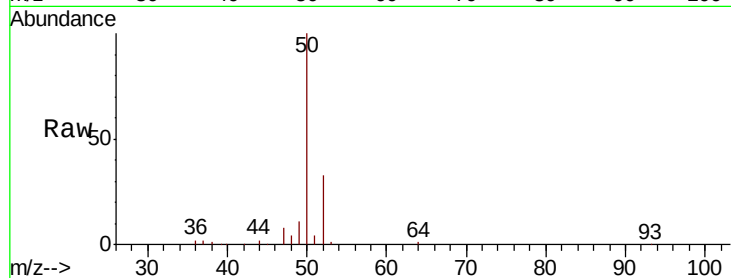
52 32.9 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.358 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012927.D

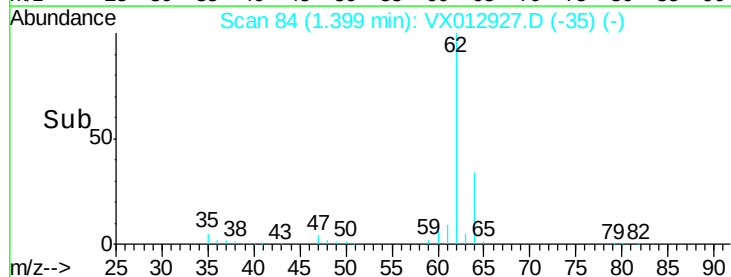
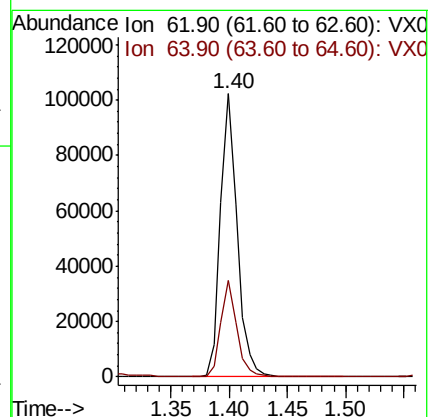
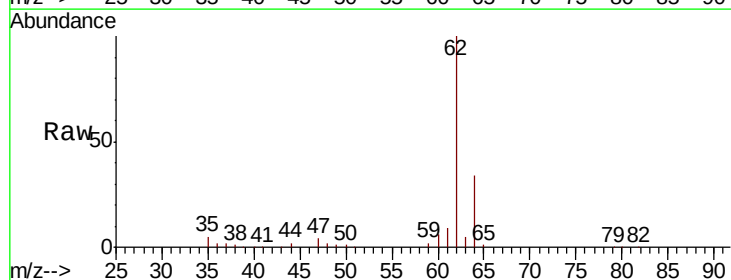
Acq: 09 Oct 2019 07:01

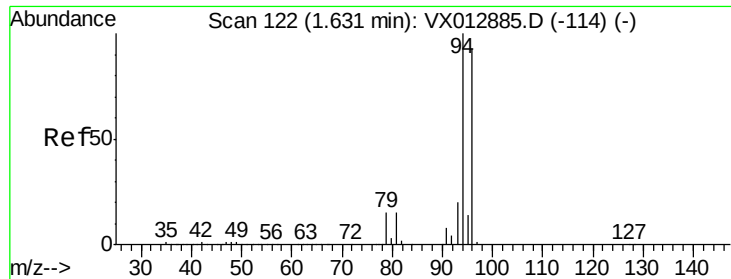
Tgt Ion: 62 Resp: 100663

Ion Ratio Lower Upper

62 100

64 33.8 25.3 37.9





#5

Bromomethane

Concen: 49.342 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 39434

Ion Ratio Lower Upper

94 100

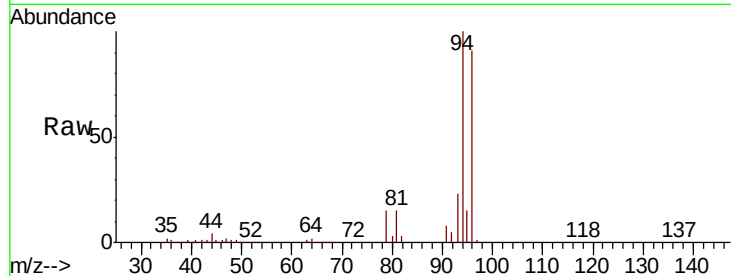
96 90.6 74.7 112.1

Manual Integrations

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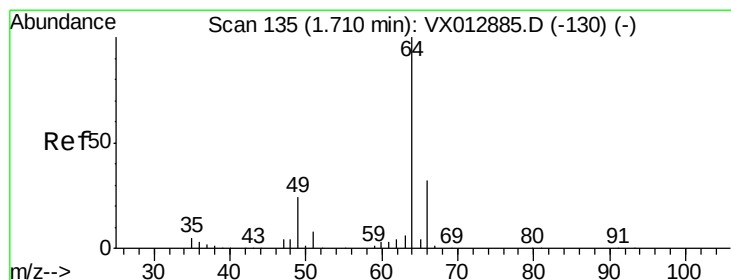
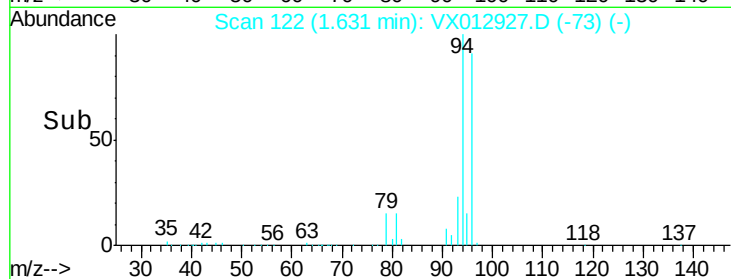
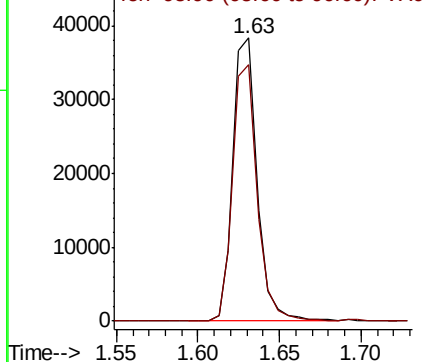
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.562 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012927.D

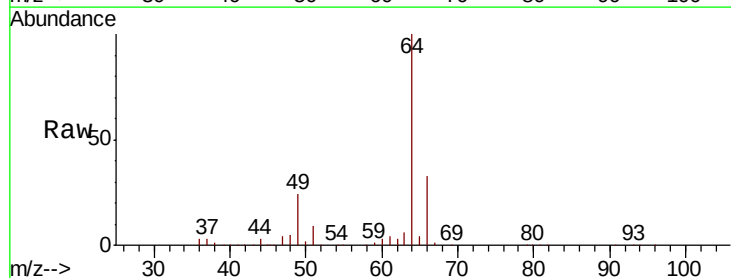
Acq: 09 Oct 2019 07:01

Tgt Ion: 64 Resp: 62933

Ion Ratio Lower Upper

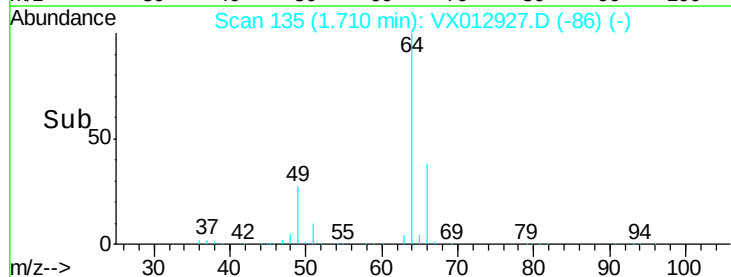
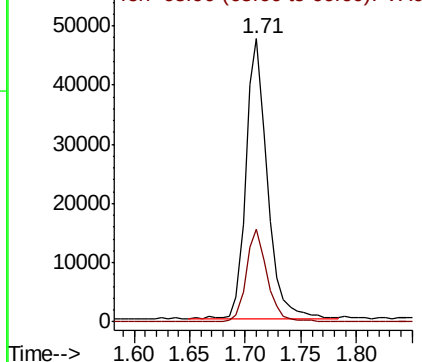
64 100

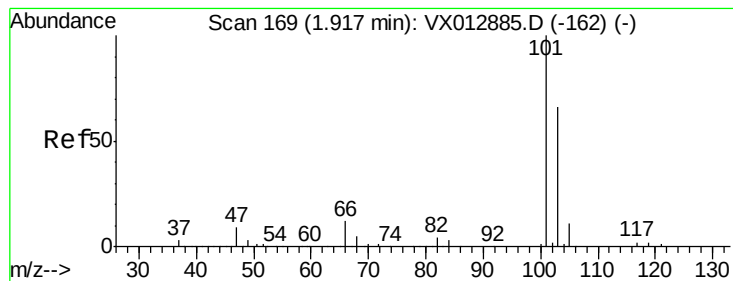
66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

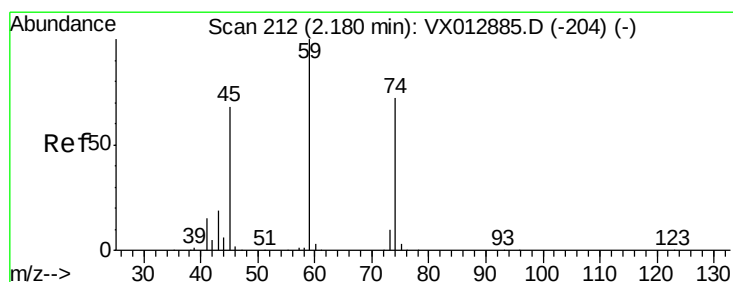
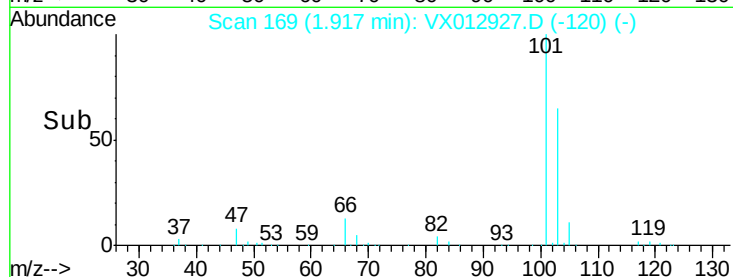
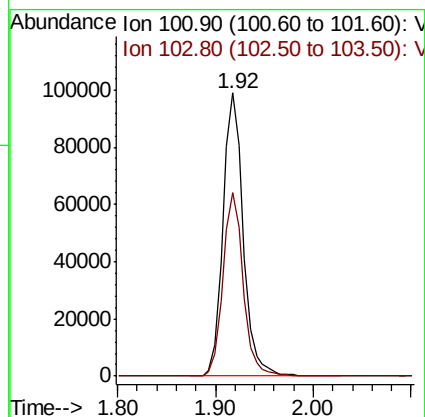
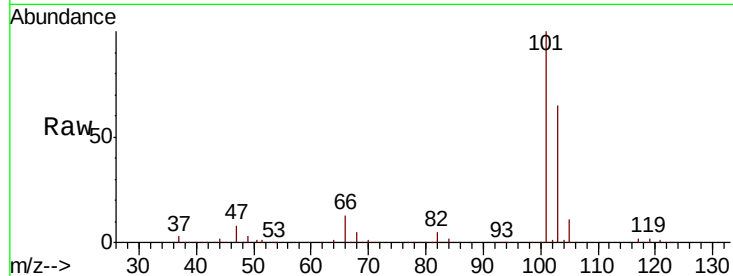
Trichlorofluoromethane
Concen: 54.659 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.7	52.5	78.7	

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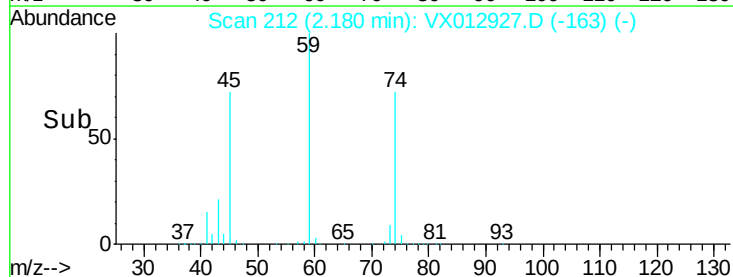
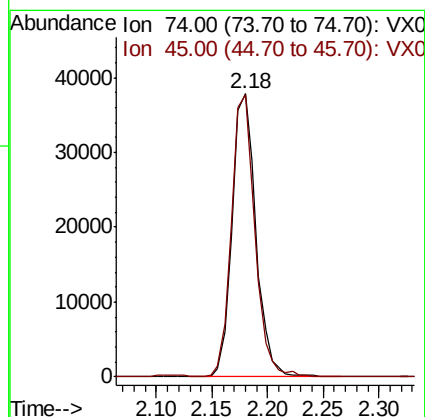
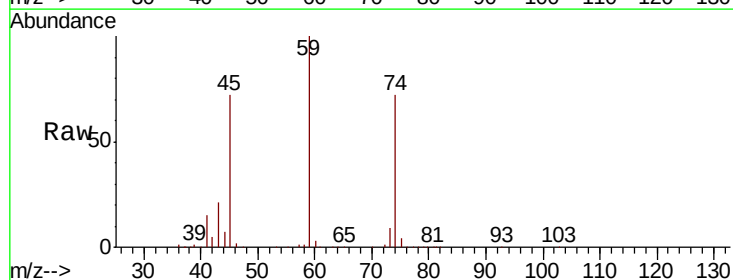
MMDadoda
10/9/2019 10:40:27 AM

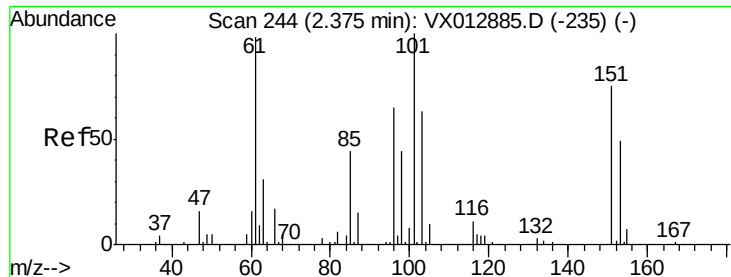


#8

Diethyl Ether
Concen: 53.542 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	98.4	47.8	143.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.787 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

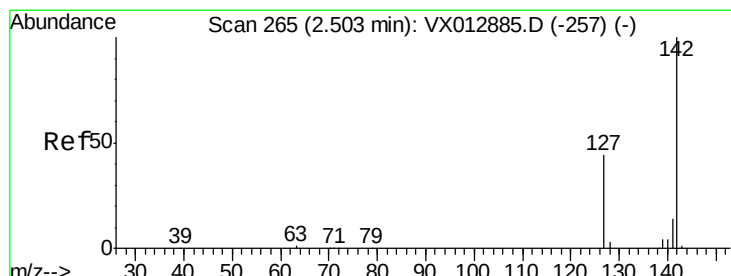
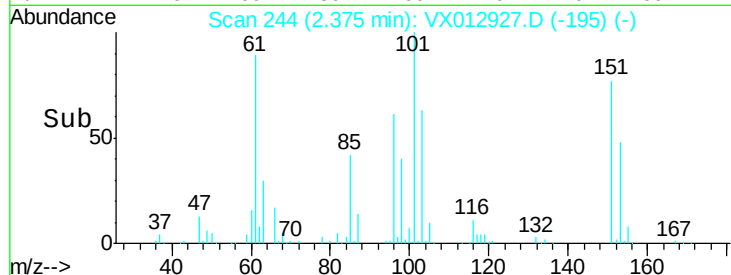
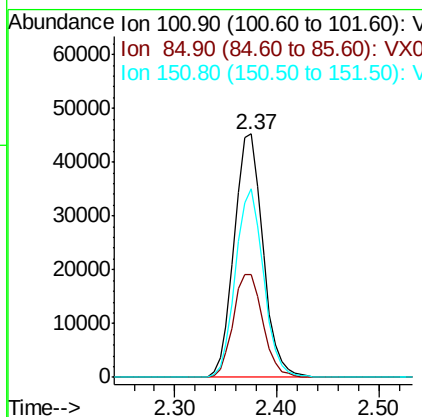
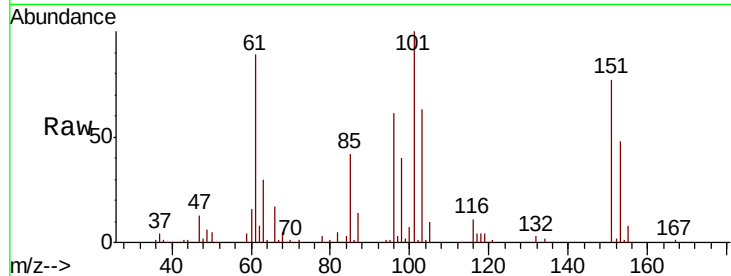
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88652
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	75.2	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 53.600 ug/l

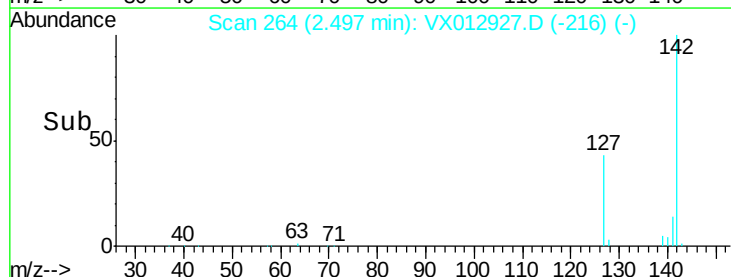
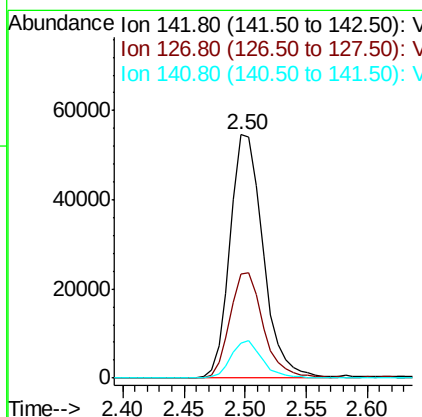
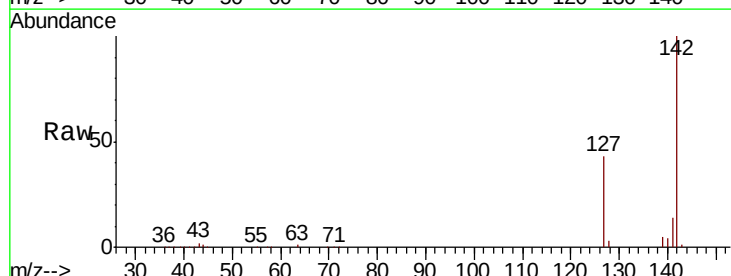
RT: 2.50 min Scan# 264

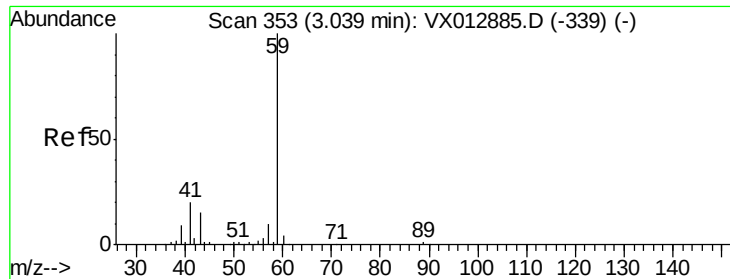
Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	142	Resp:	102754
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.9	52.3
141	14.5	11.6	17.4





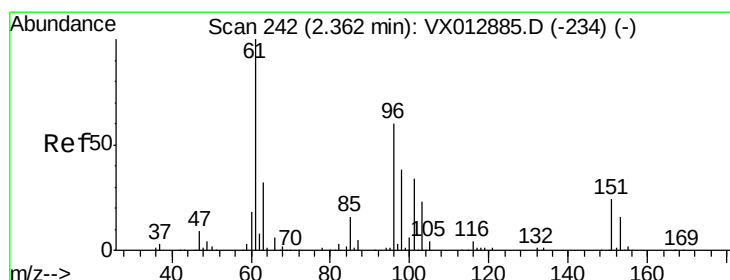
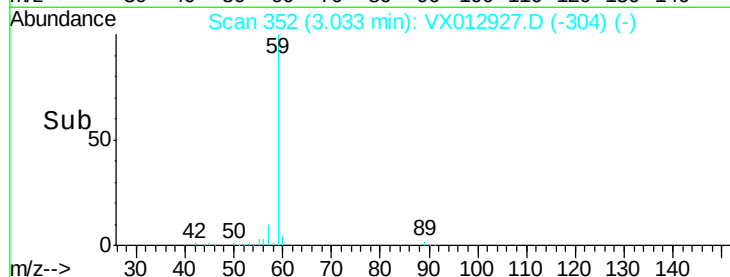
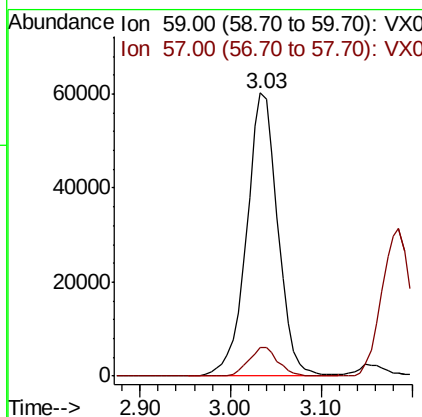
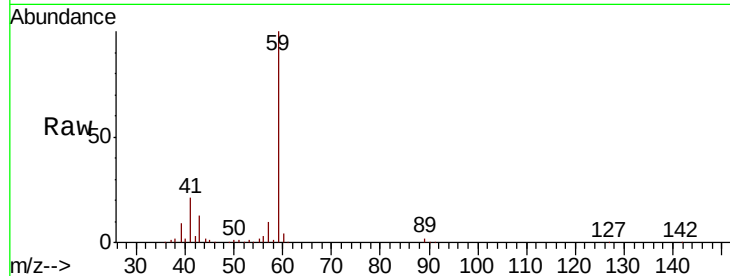
#11
Tert butyl alcohol
Concen: 257.456 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

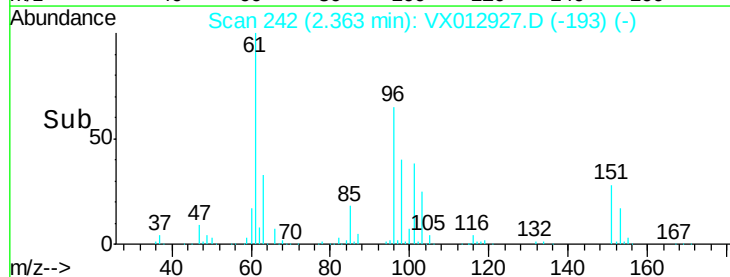
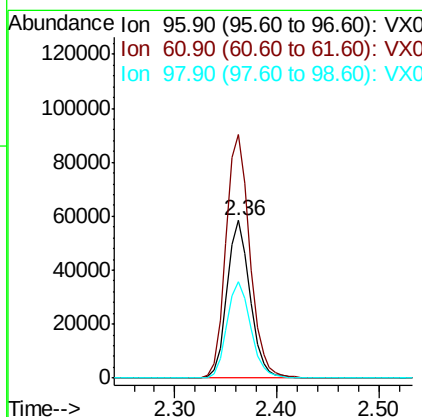
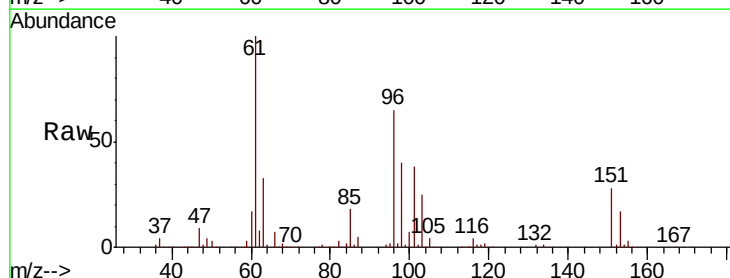
Manual Integrations
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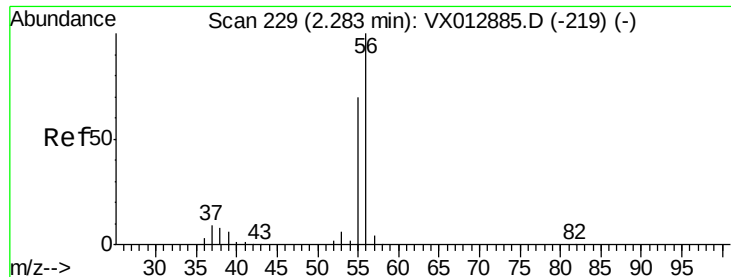
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#12
1,1-Dichloroethene
Concen: 53.787 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	132.2	198.4
98	61.3	50.5	75.7





#13

Acrolein

Concen: 223.976 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 88552

Ion Ratio Lower Upper

56 100

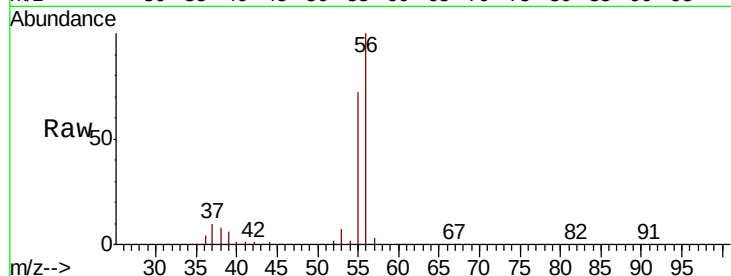
55 71.0 56.6 85.0

Manual Integrations

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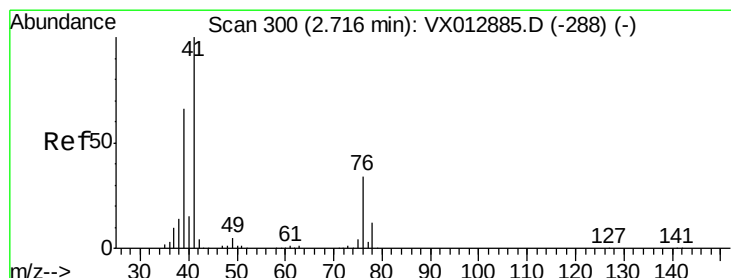
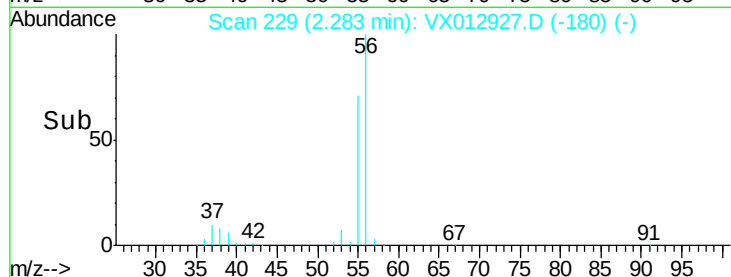
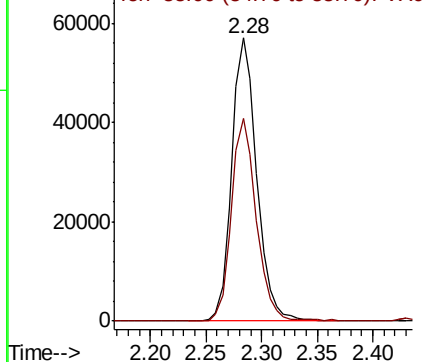
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.195 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

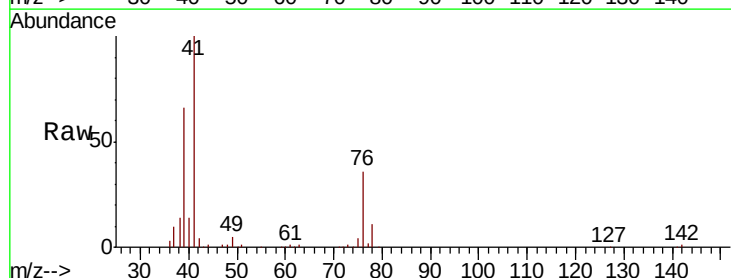
Tgt Ion: 41 Resp: 157721

Ion Ratio Lower Upper

41 100

39 62.3 51.0 76.6

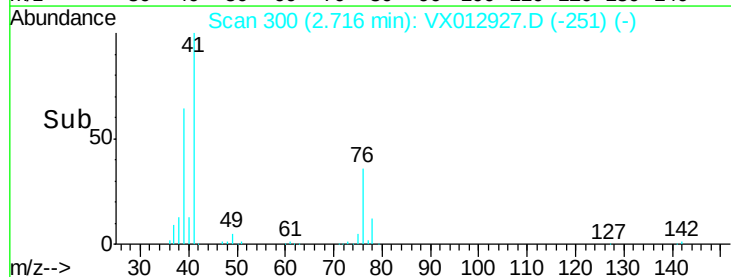
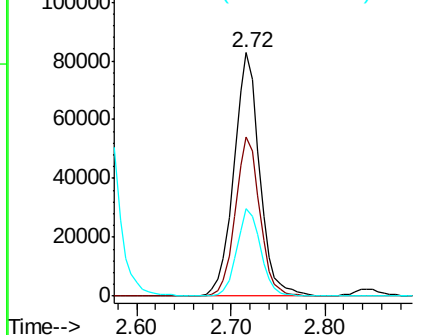
76 32.9 26.2 39.4

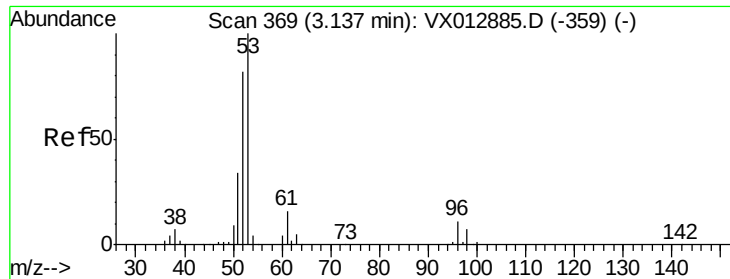


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 276.464 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

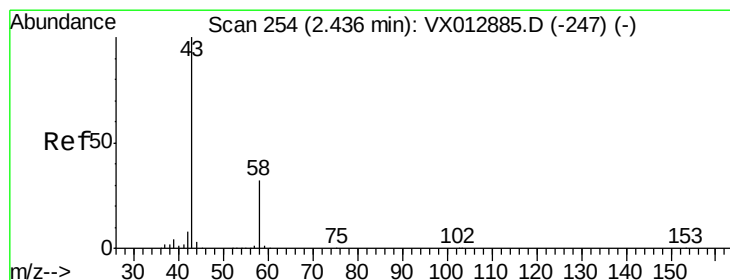
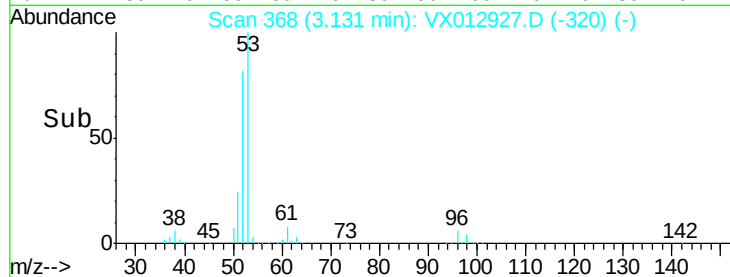
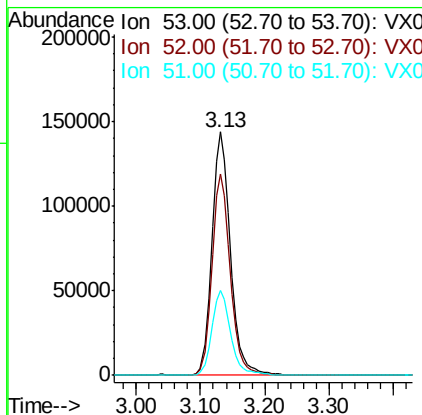
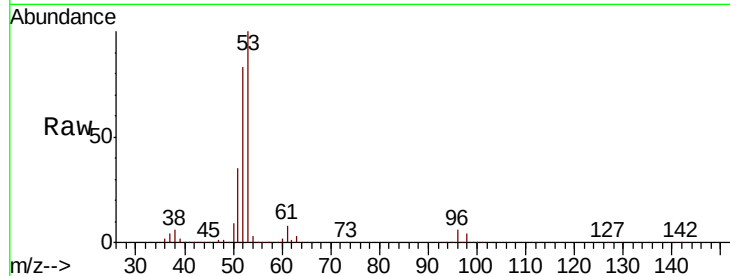
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	291475
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.2	99.2
51	35.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 223.928 ug/l

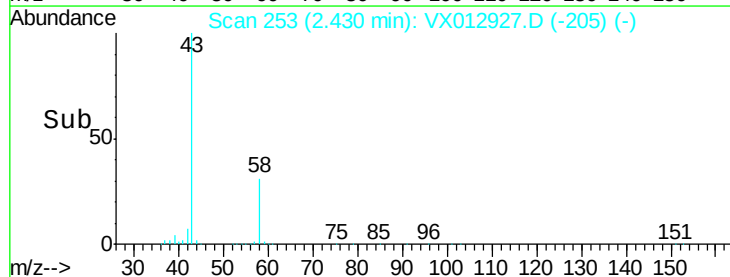
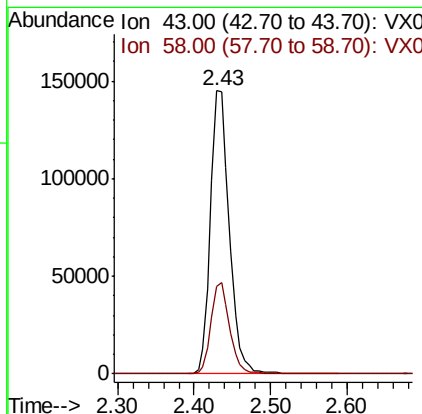
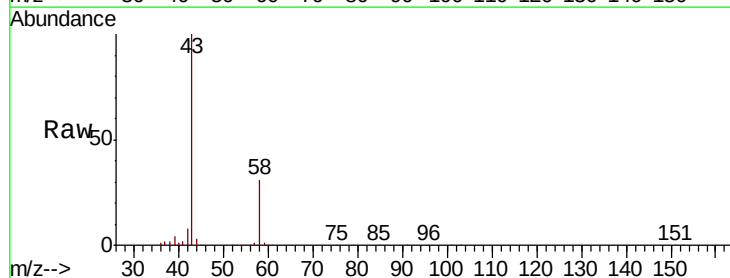
RT: 2.43 min Scan# 253

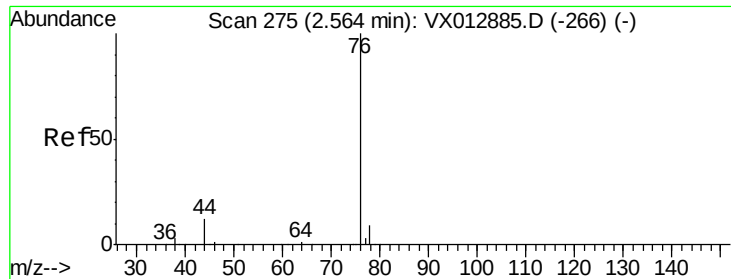
Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	43	Resp:	247710
Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.4	38.2





#17

Carbon Disulfide

Concen: 51.213 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 247782

Ion Ratio Lower Upper

76 100

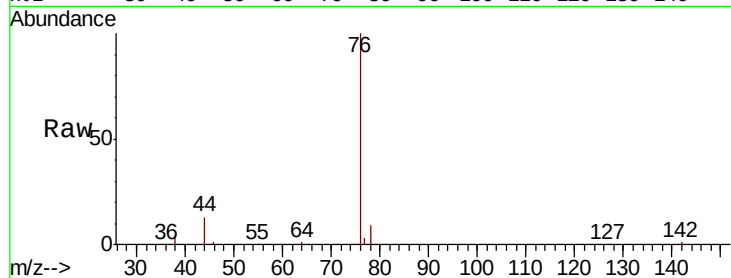
78 9.1 7.1 10.7

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

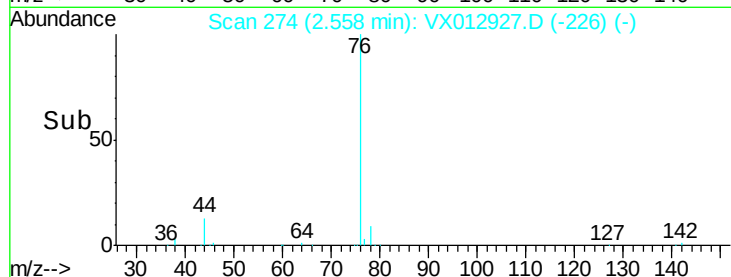
150000

100000

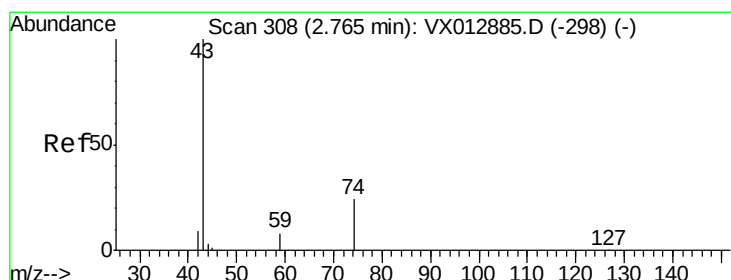
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 54.310 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012927.D

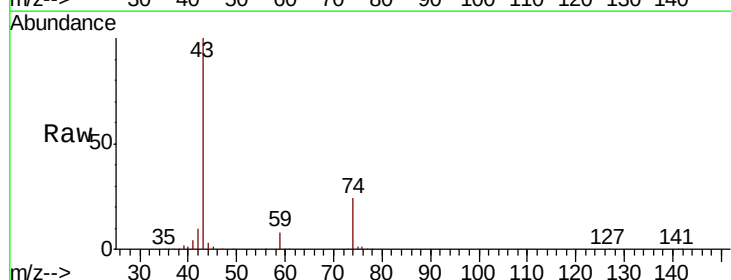
Acq: 09 Oct 2019 07:01

Tgt Ion: 43 Resp: 142400

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

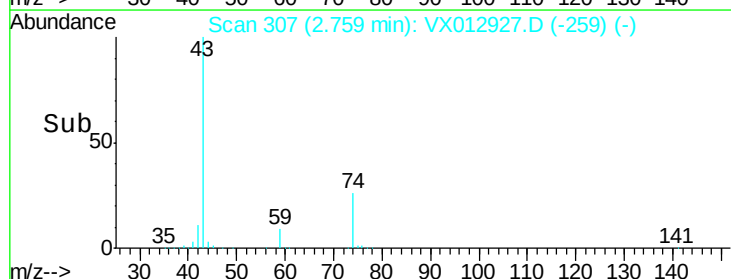
60000

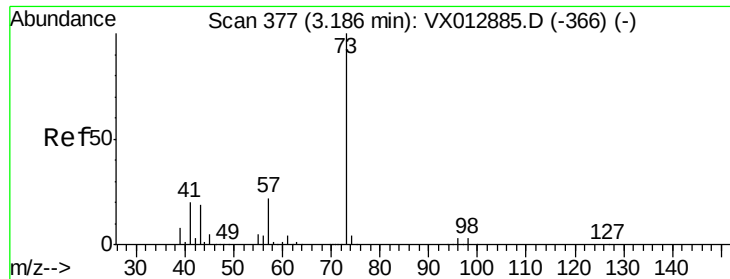
40000

20000

0

Time-->





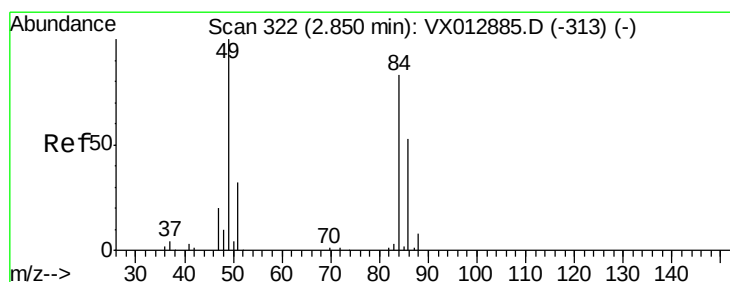
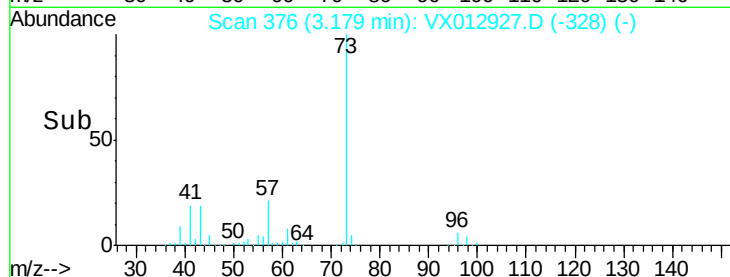
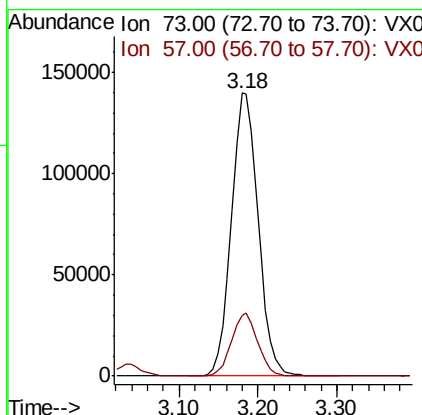
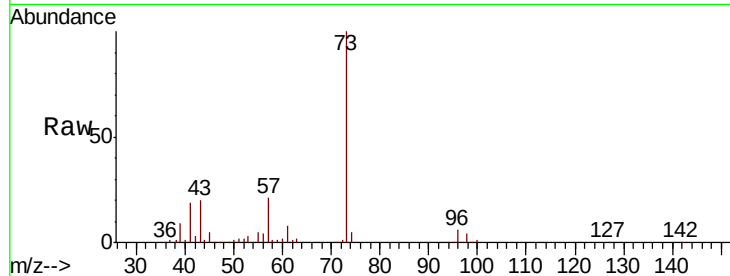
#19
Methyl tert-butyl Ether
Concen: 56.326 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.6

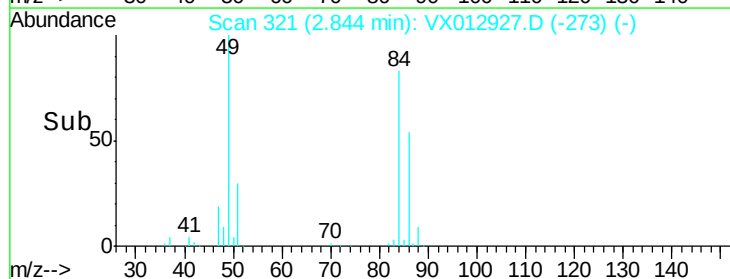
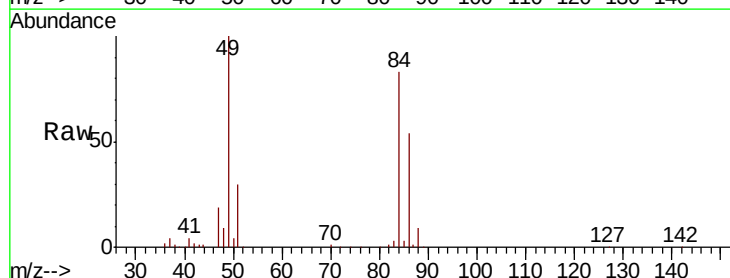
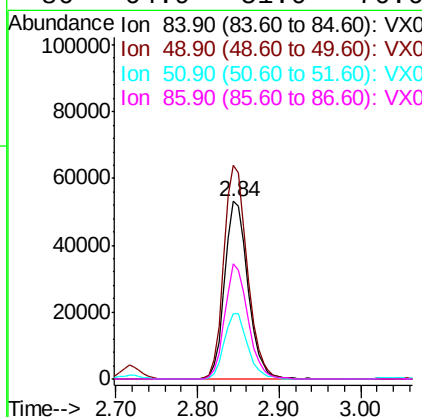
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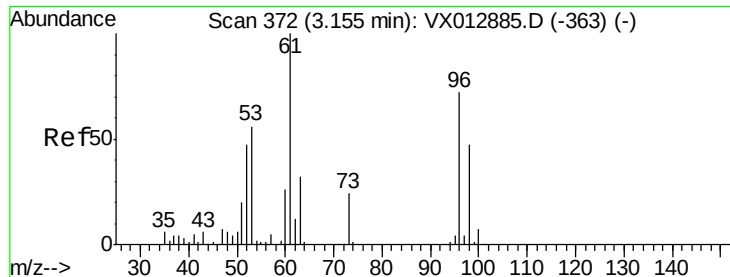
MMDadoda
10/9/2019 10:40:27 AM



#20
Methylene Chloride
Concen: 51.630 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	96.6	144.8
51	36.5	30.7	46.1
86	64.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 53.579 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 97443

Ion Ratio Lower Upper

96 100

61 140.3 110.4 165.6

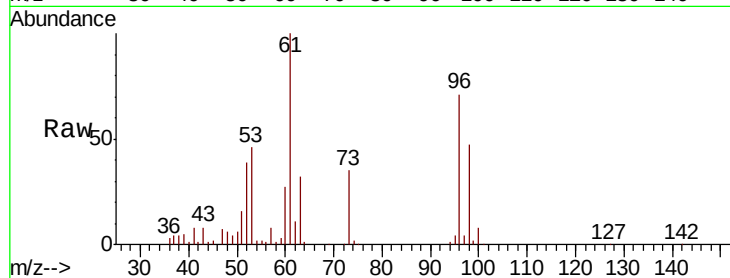
98 65.8 51.5 77.3

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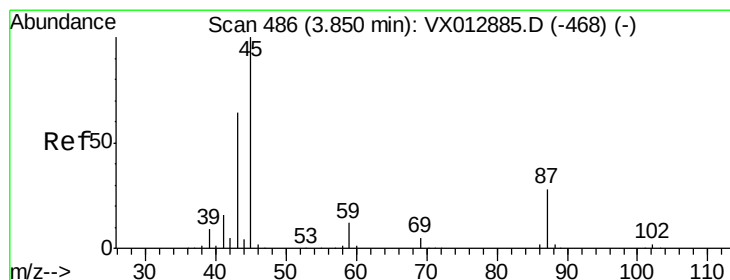
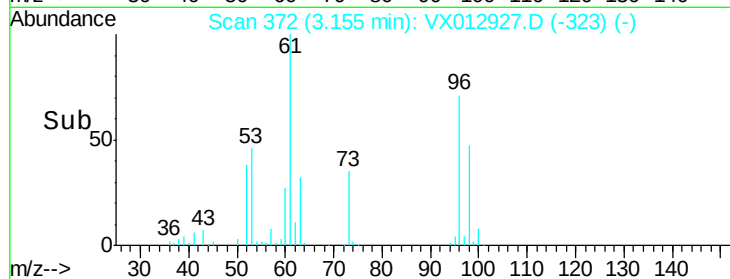
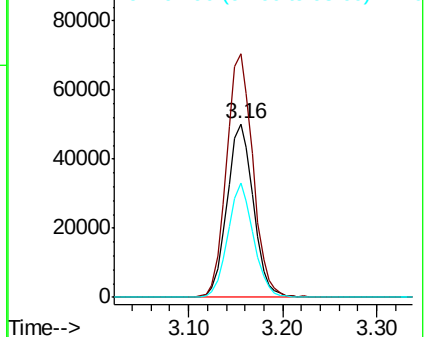


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.823 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion: 45 Resp: 323233

Ion Ratio Lower Upper

45 100

43 70.2 51.4 77.0

87 29.2 22.5 33.7

59 12.3 9.7 14.5

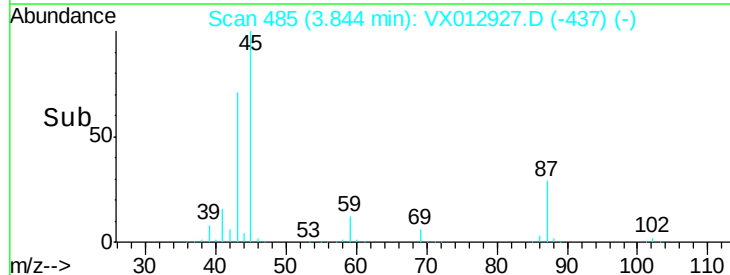
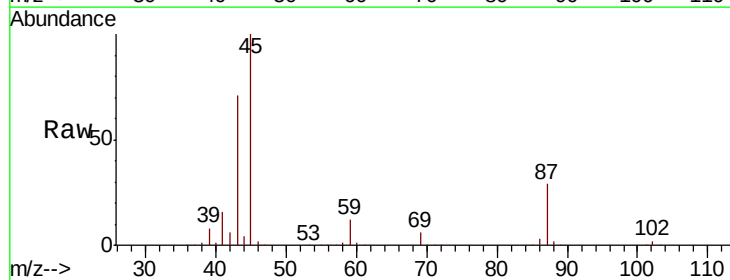
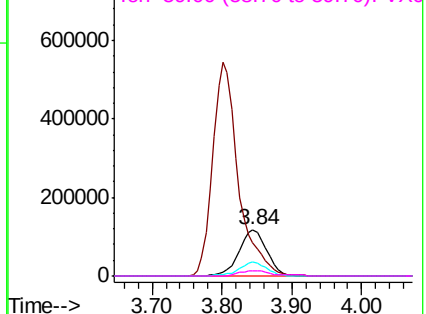
Abundance

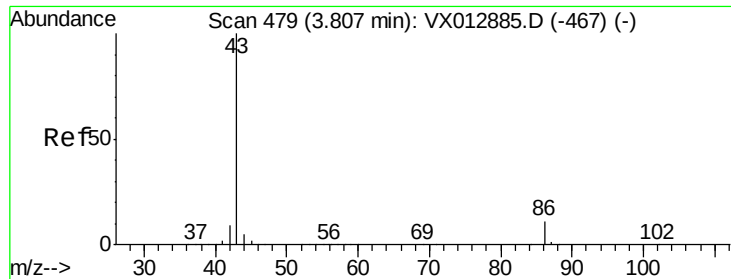
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 277.742 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1388325

Ion Ratio Lower Upper

43 100

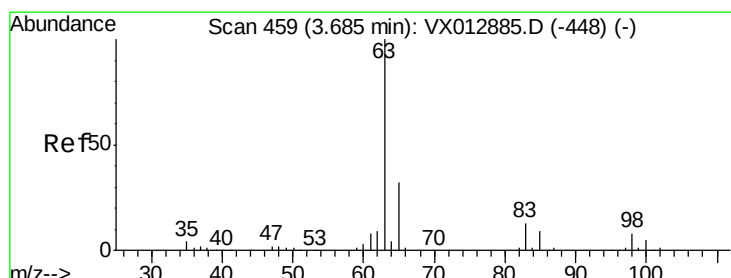
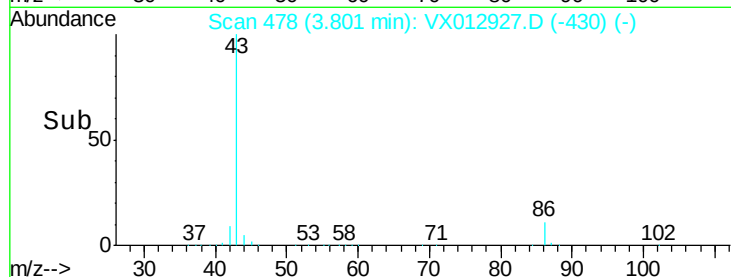
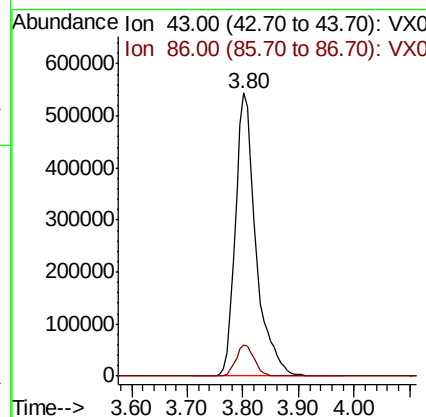
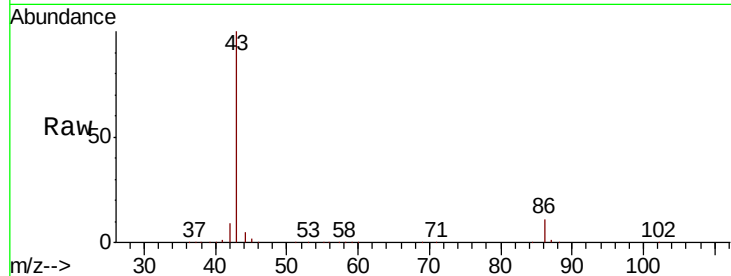
86 10.8 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 55.519 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

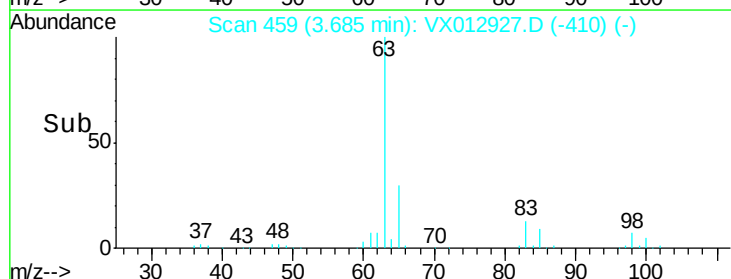
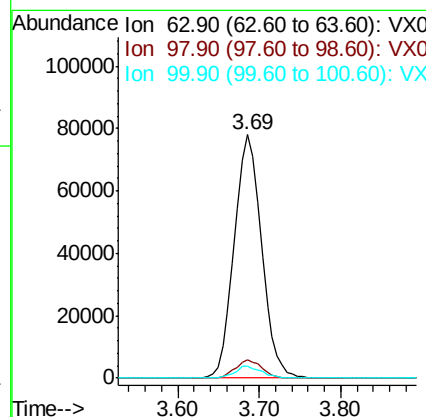
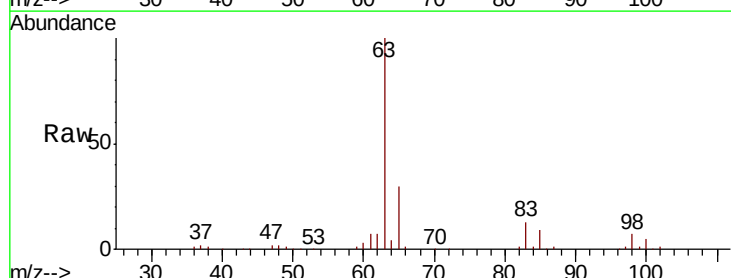
Tgt Ion: 63 Resp: 180852

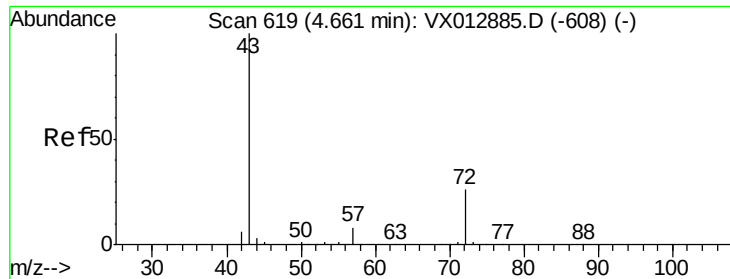
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 258.536 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 396777

Ion Ratio Lower Upper

43 100

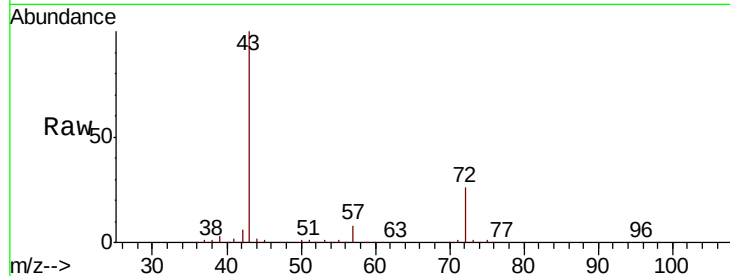
72 26.3 21.0 31.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

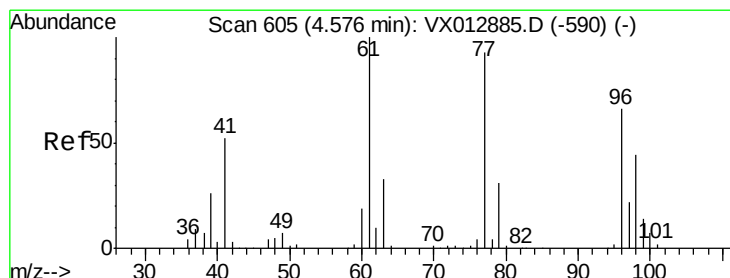
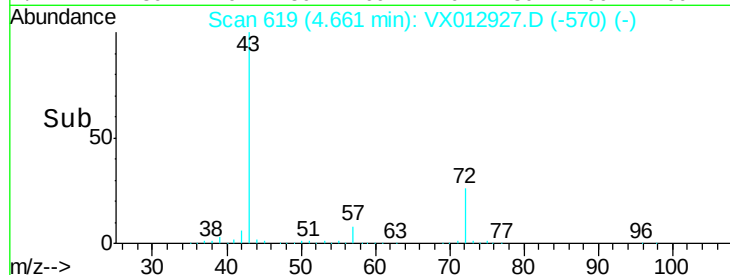
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.632 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012927.D

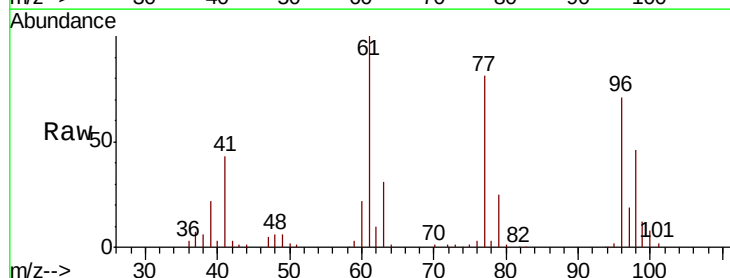
Acq: 09 Oct 2019 07:01

Tgt Ion: 77 Resp: 103085

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

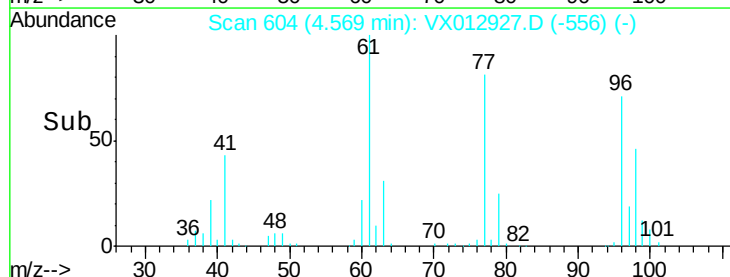
20000

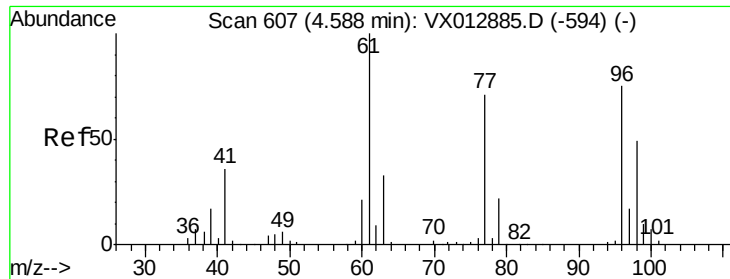
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

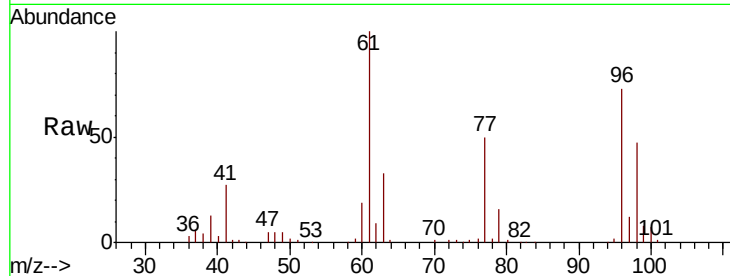
cis-1,2-Dichloroethene
Concen: 54.062 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

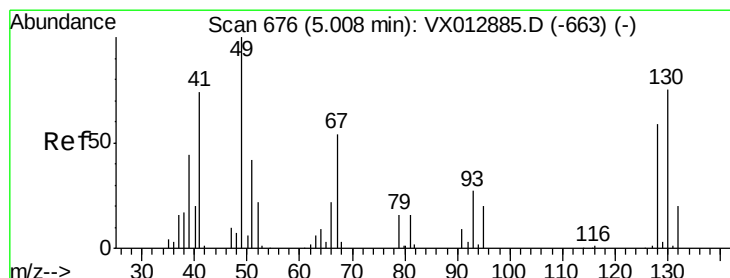
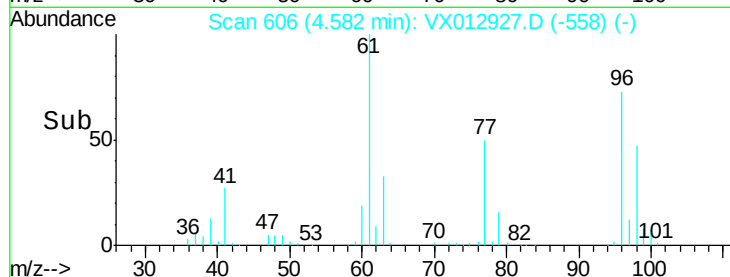
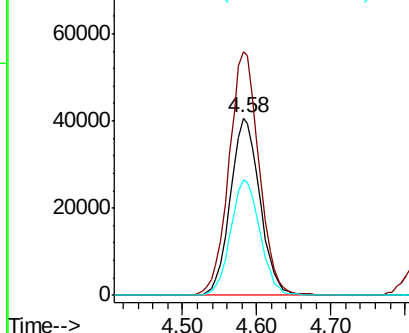
Tot Ion	Ratio	Resp	Lower	Upper
96	100	113334		
61	139.8	0.0	290.6	
98	64.8	0.0	128.8	

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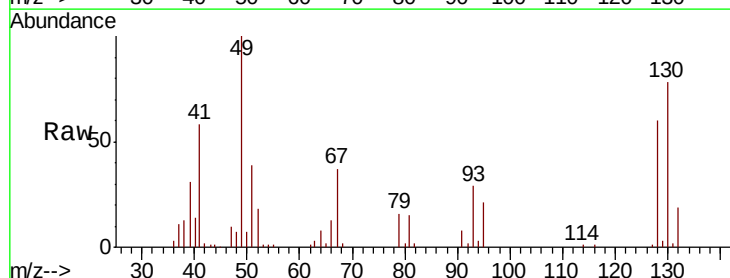
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



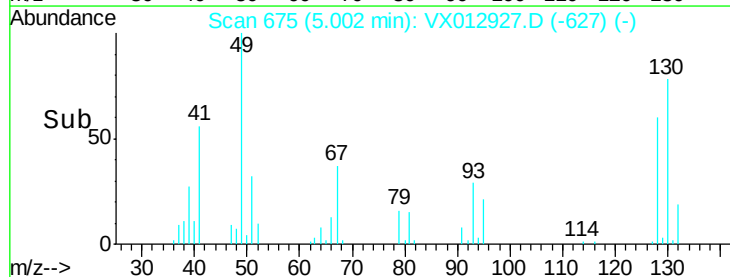
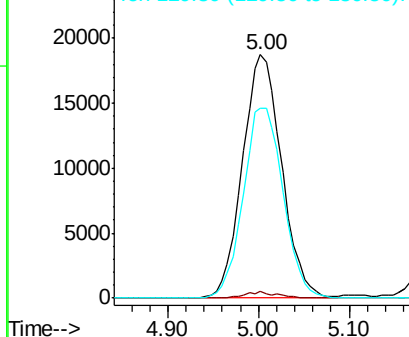
#28

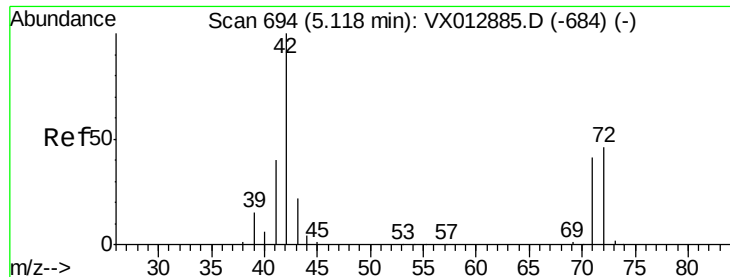
Bromochloromethane
Concen: 57.532 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	55942		
129	2.1	0.0	4.2	
130	79.8	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





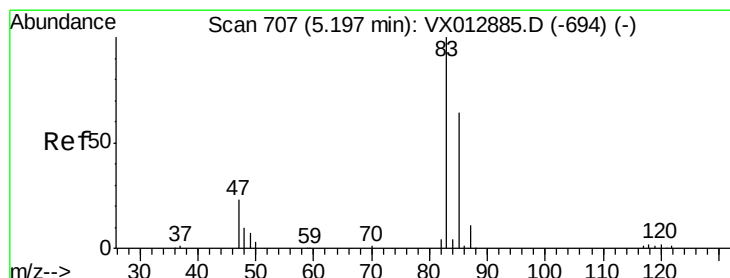
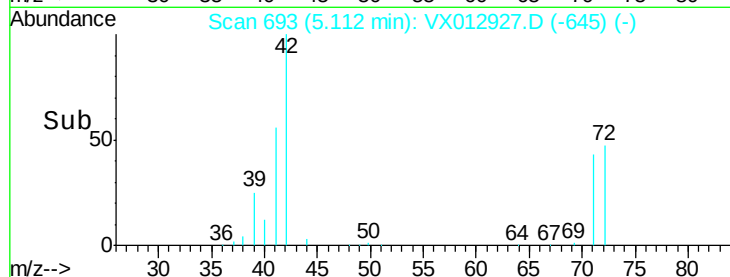
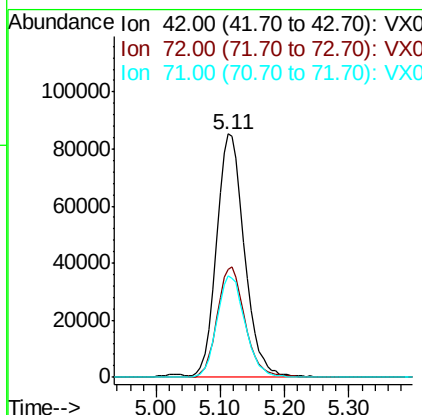
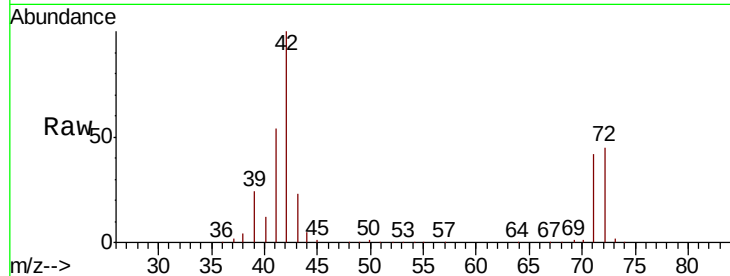
#29
Tetrahydrofuran
Concen: 274.245 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.9	55.3
71	42.4	33.5	50.3

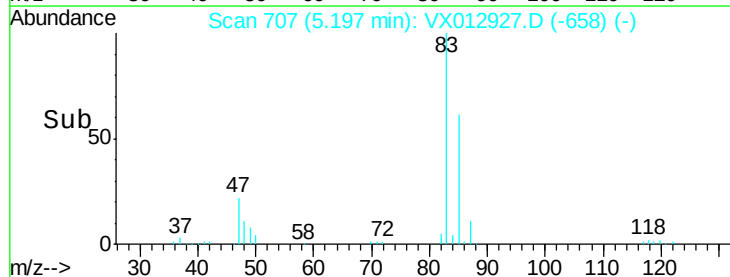
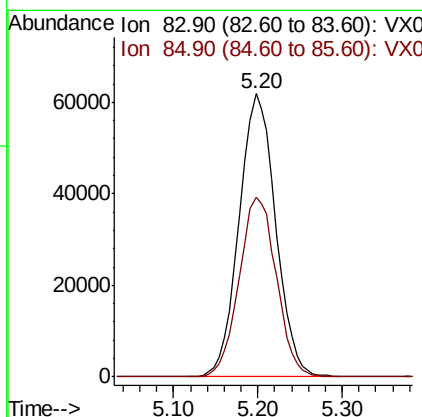
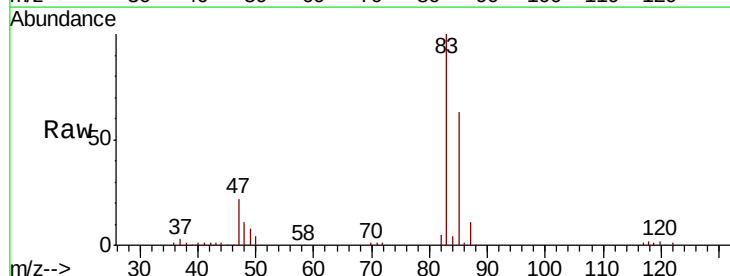
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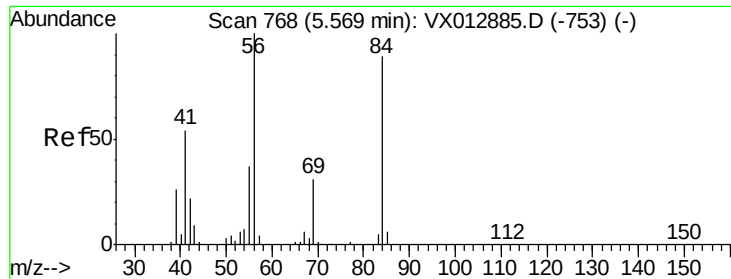
MMDadoda
10/9/2019 10:40:27 AM



#30
Chloroform
Concen: 54.435 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.5	77.3





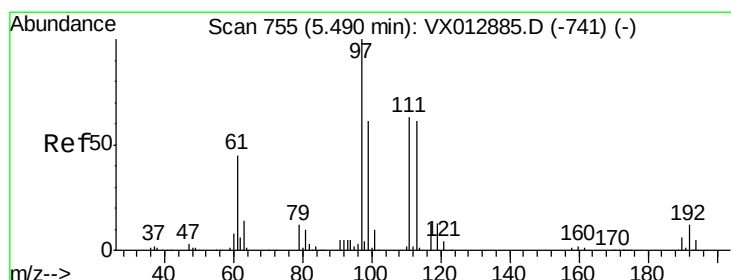
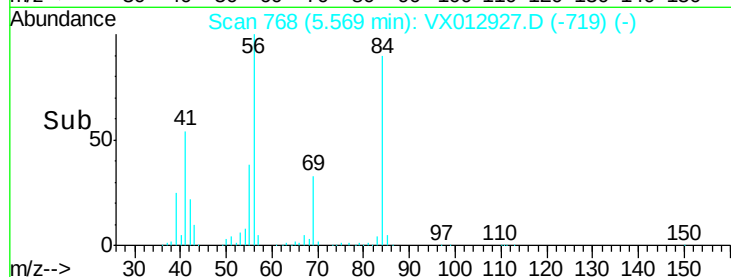
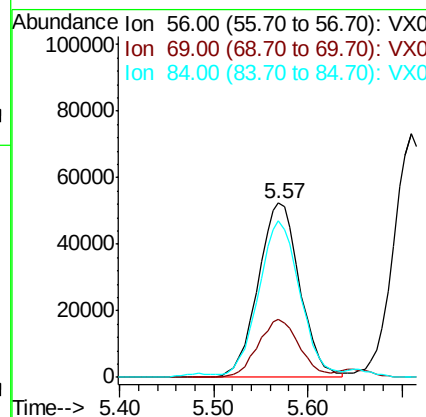
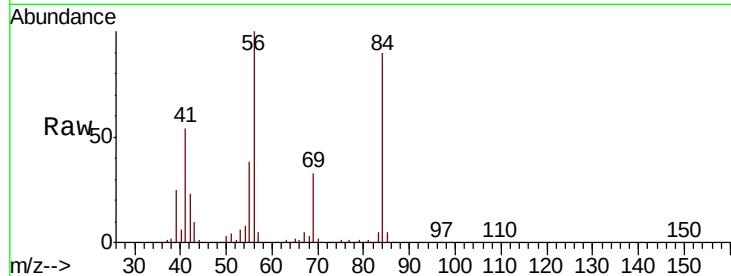
#31
Cyclohexane
Concen: 53.061 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.2	37.8
84	88.4	71.3	106.9

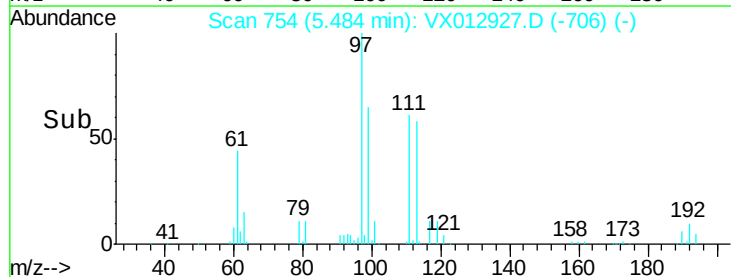
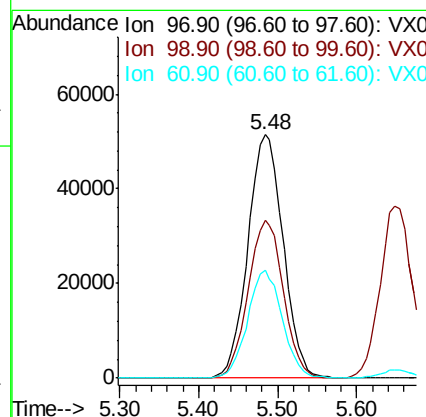
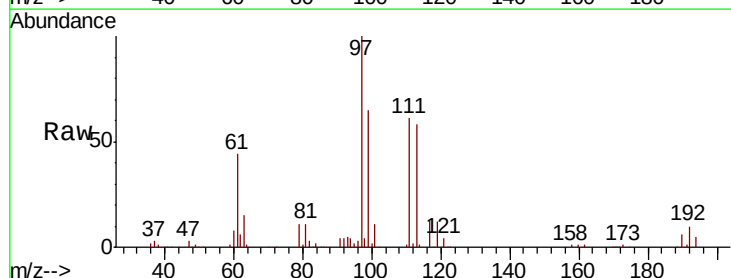
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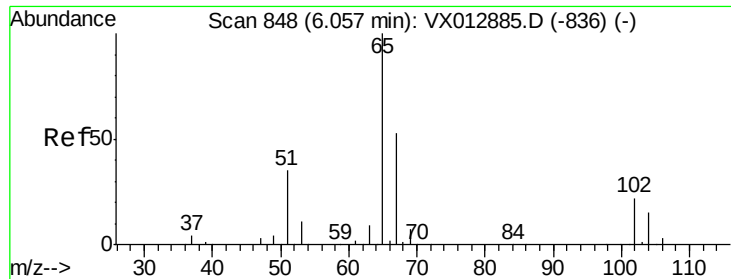
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10/9/2019 10:40:27 AM



#32
1,1,1-Trichloroethane
Concen: 56.510 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.3	78.5
61	43.6	35.0	52.4





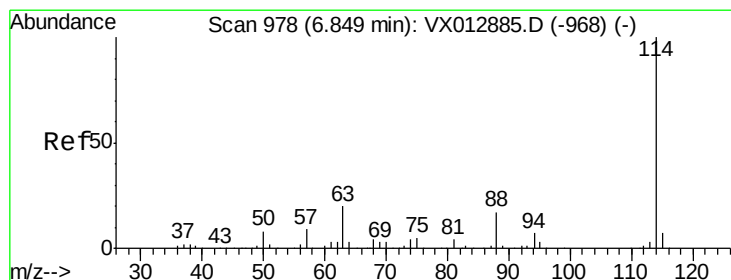
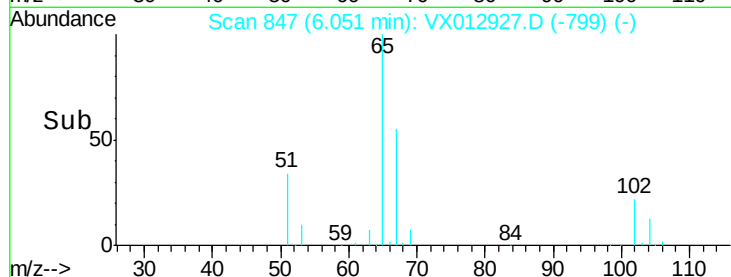
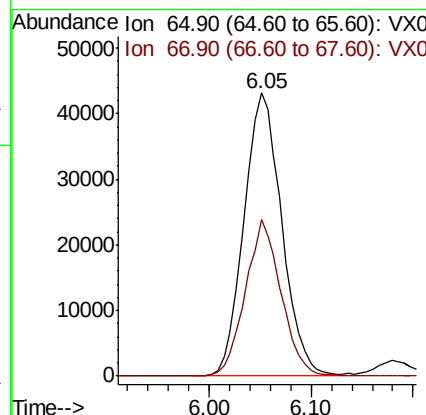
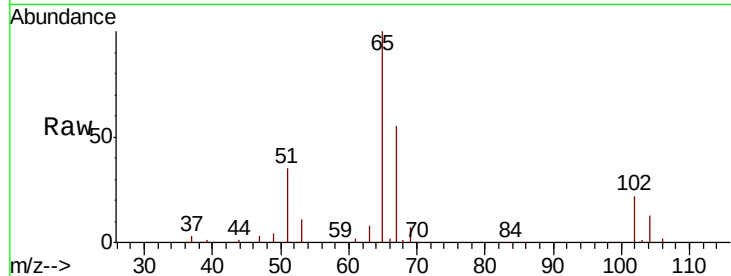
#33
 1,2-Dichloroethane-d4
 Concen: 52.977 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111181		
67	51.9	0.0	104.4	

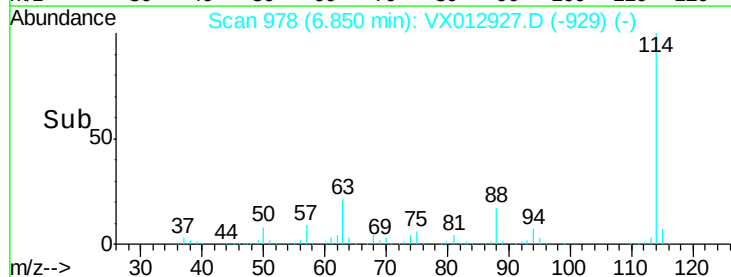
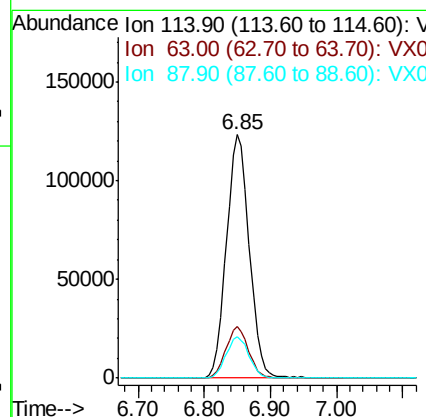
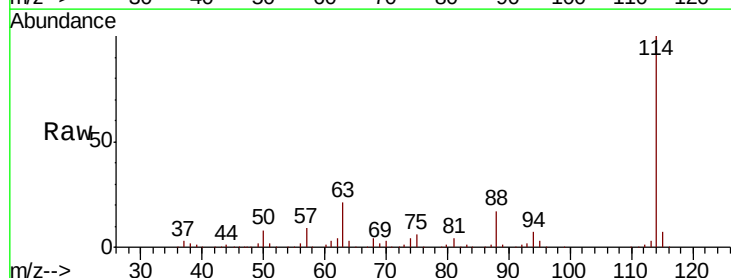
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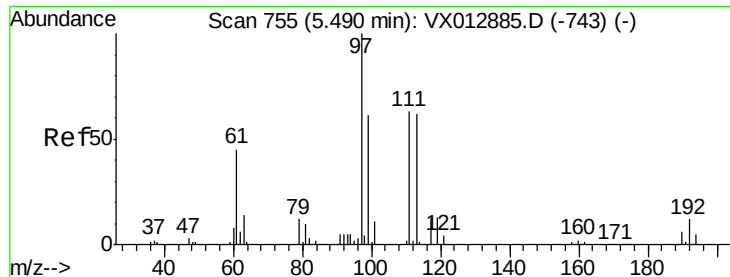
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	294506		
63	21.4	0.0	40.8	
88	16.8	0.0	33.8	





#35

Dibromofluoromethane

Concen: 51.020 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

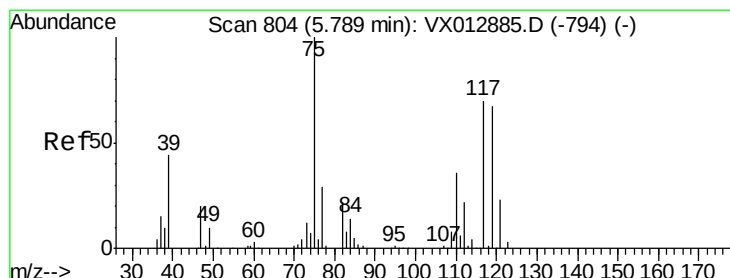
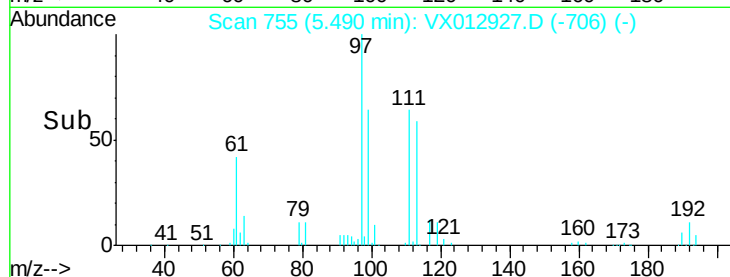
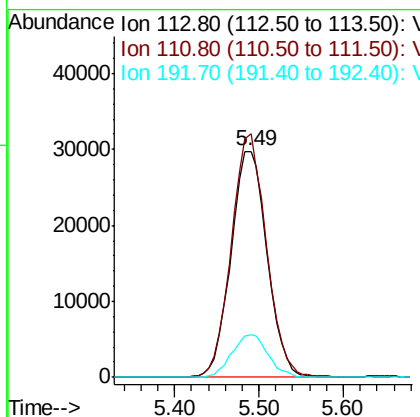
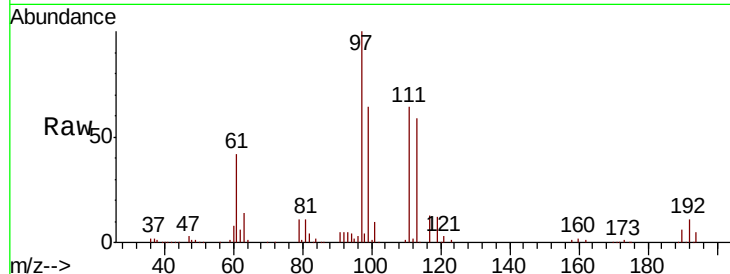
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	86239
Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.2	124.8
192	19.1	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.192 ug/l

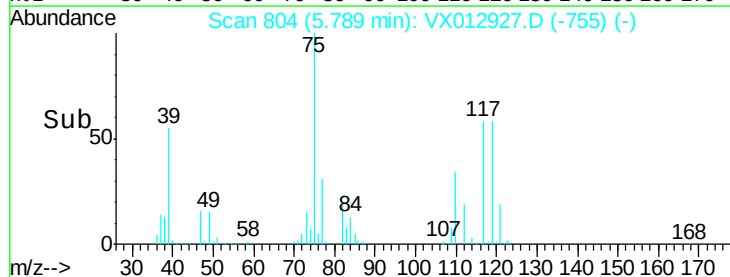
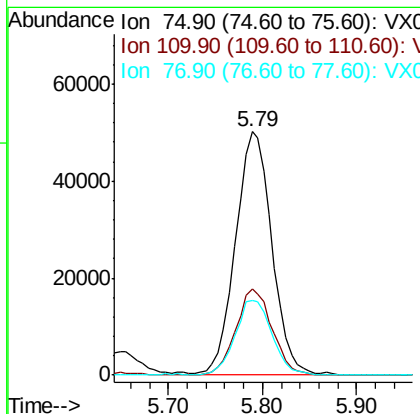
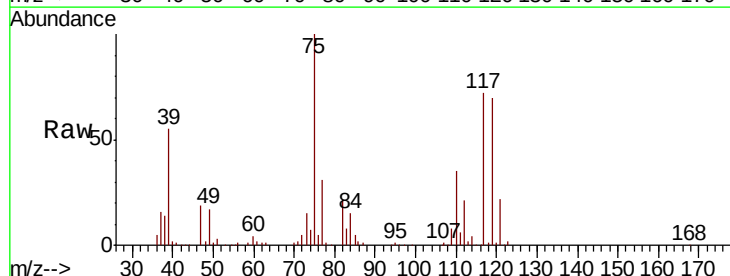
RT: 5.79 min Scan# 804

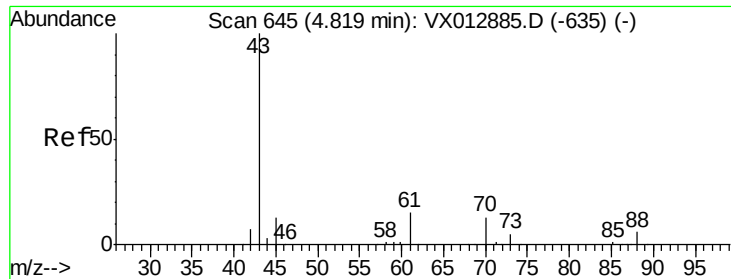
Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	75	Resp:	135141
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.6	52.9
77	31.2	24.4	36.6





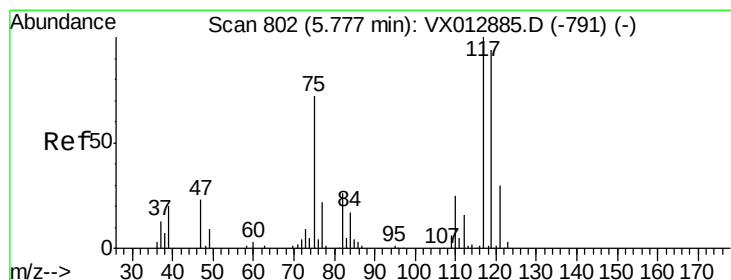
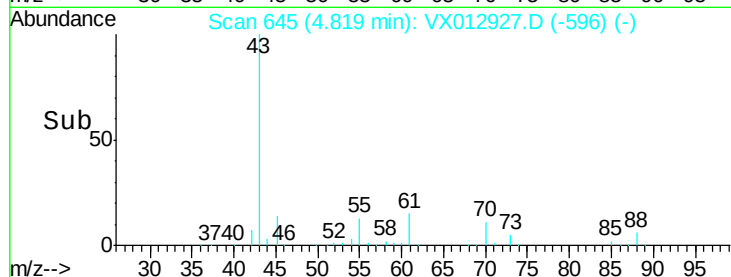
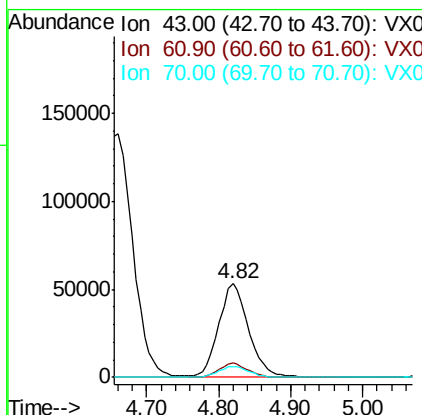
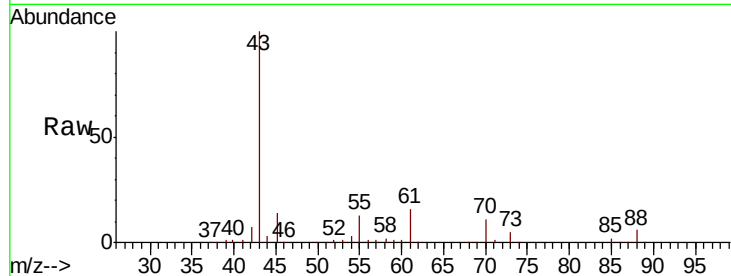
#37
Ethyl Acetate
Concen: 52.962 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	11.8	9.8	14.6

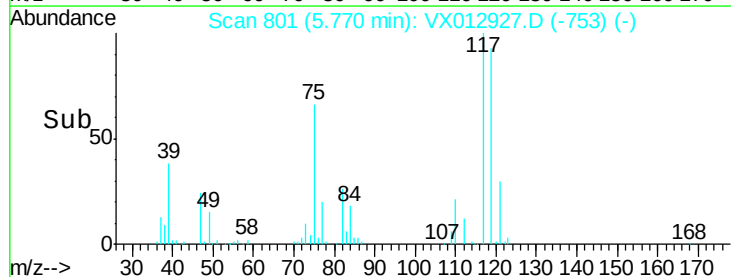
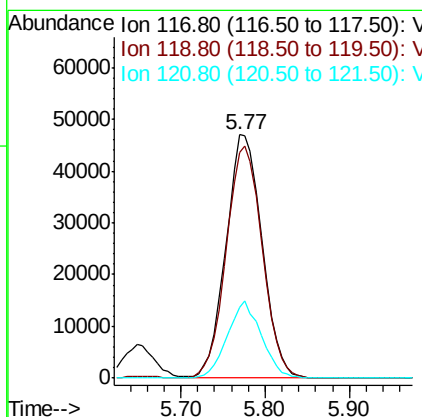
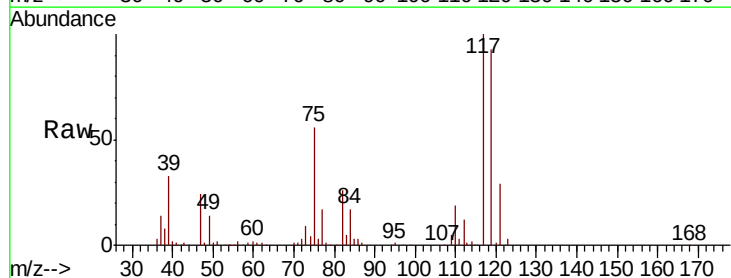
Manual Integrations
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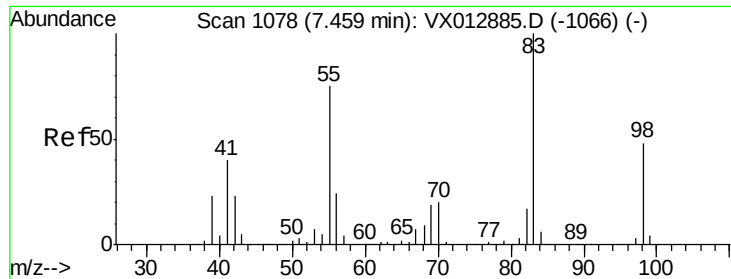
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.344 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.5	111.7
121	29.0	24.2	36.4





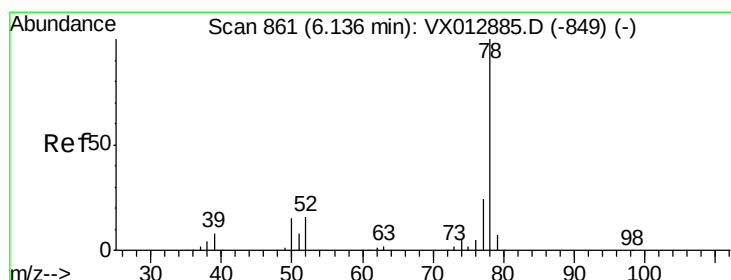
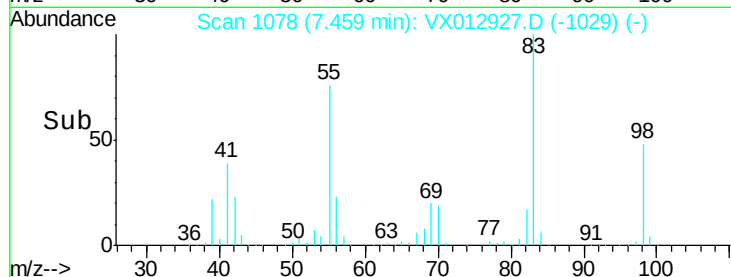
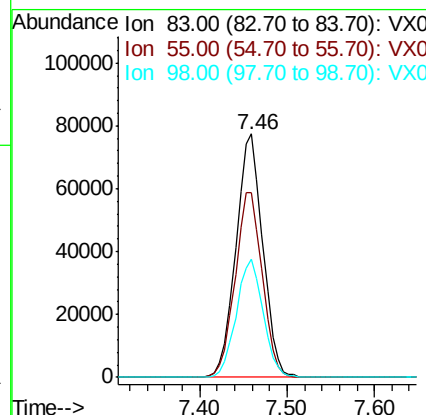
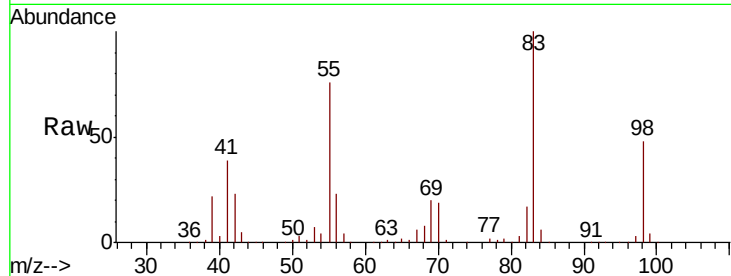
#39
Methylvlcyclohexane
Concen: 52.566 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.2	90.4
98	48.3	38.5	57.7

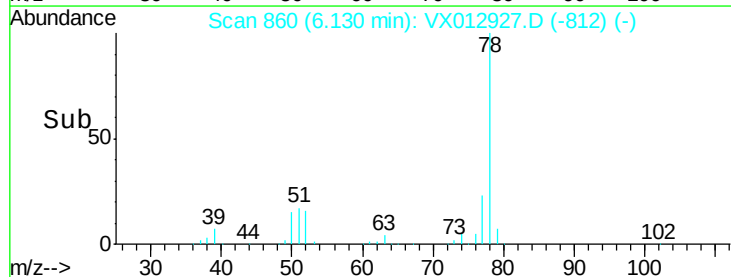
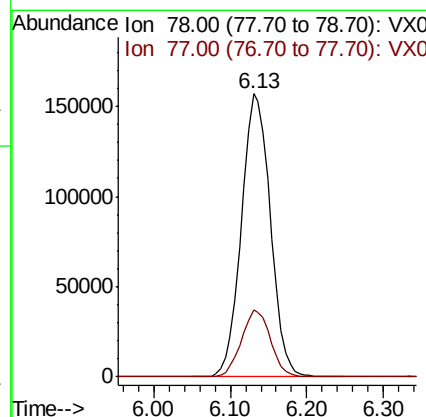
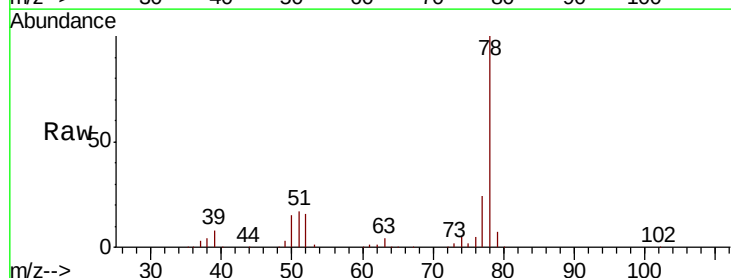
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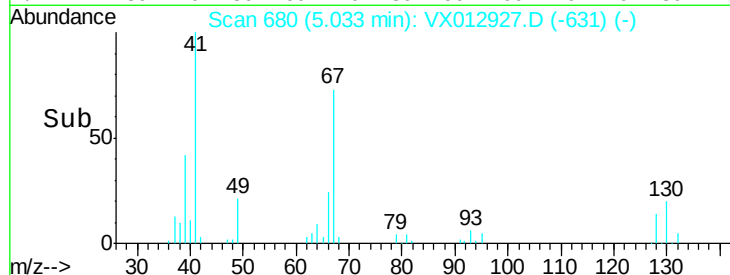
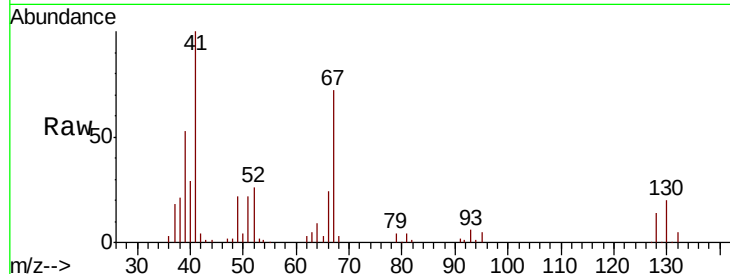
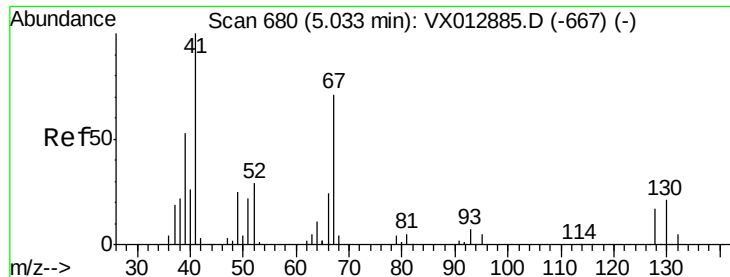
MMDadoda
10/9/2019 10:40:27 AM



#40
Benzene
Concen: 53.914 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

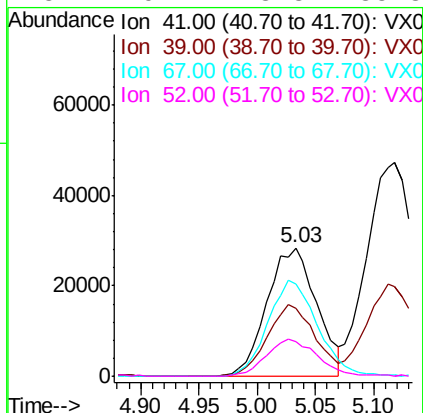
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 52.777 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

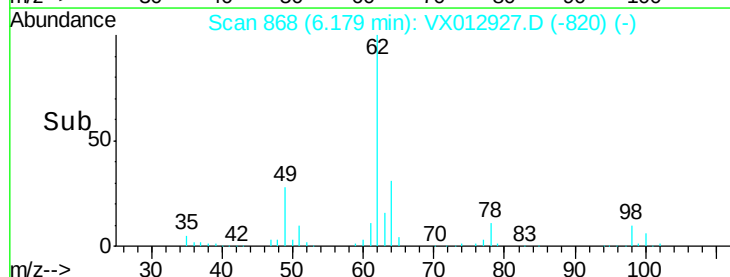
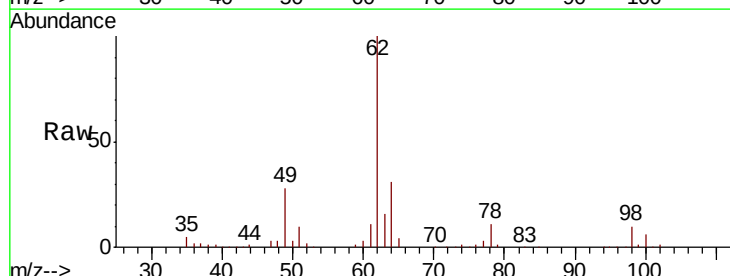
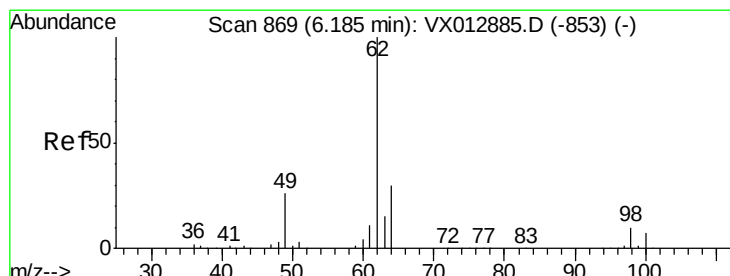
Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	53.7	44.0	66.0
67	67	74.8	58.5	87.7
52	52	29.7	23.8	35.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

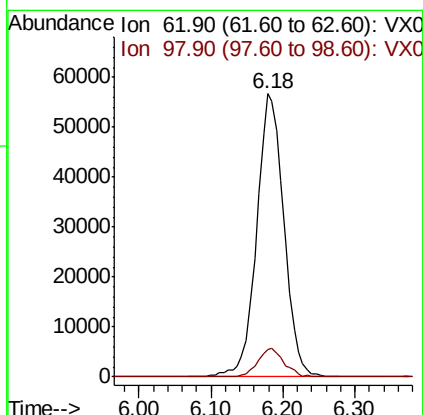
Manual Integrations
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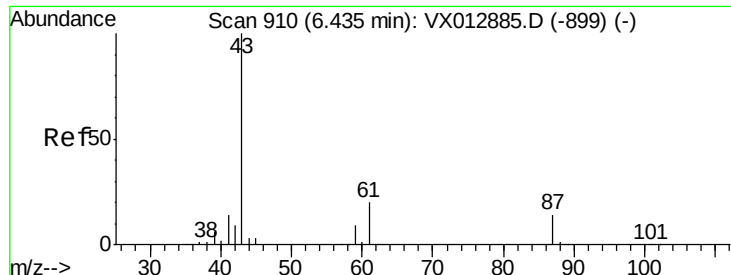
MMDadoda
10/9/2019 10:40:27 AM



#42
1,2-Dichloroethane
Concen: 54.281 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	9.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 53.878 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

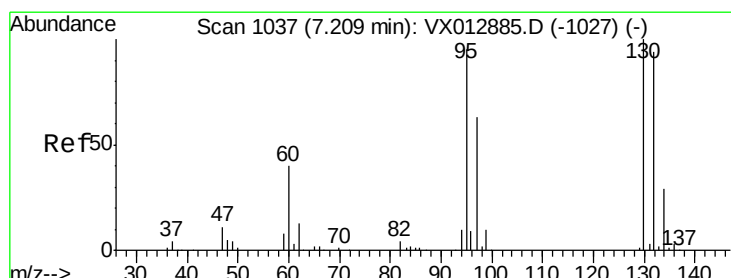
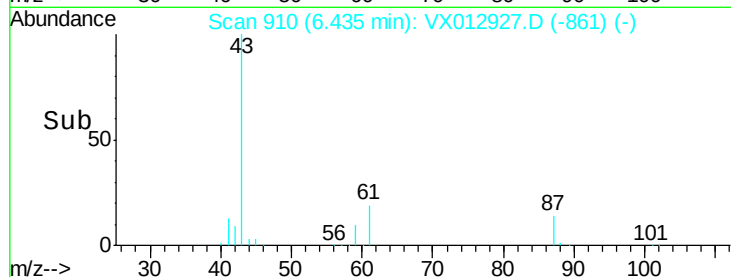
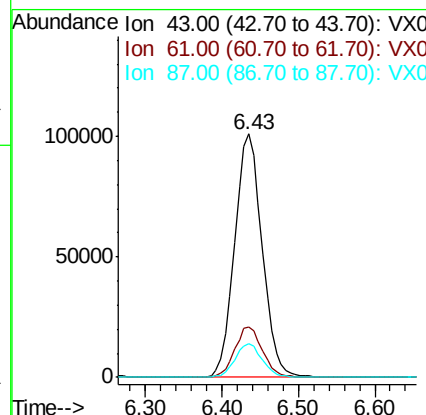
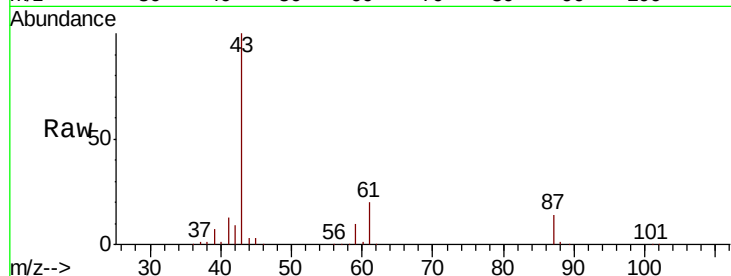
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	250376
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	13.7	11.0	16.6

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#44

Trichloroethene

Concen: 50.894 ug/l

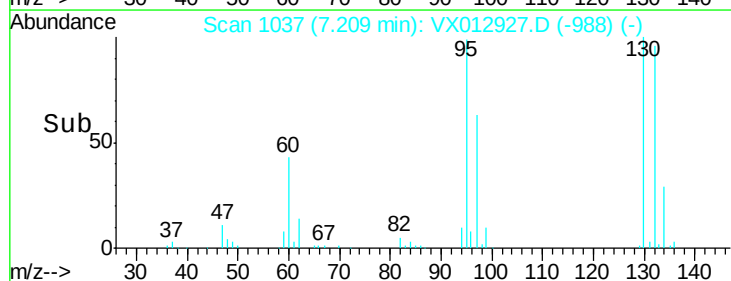
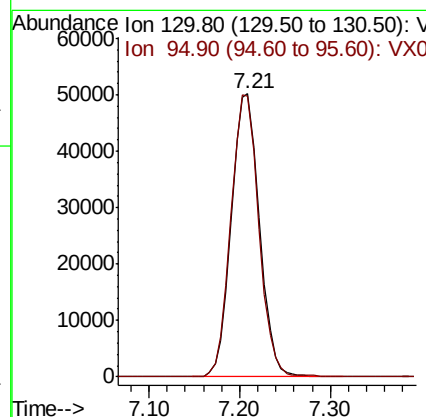
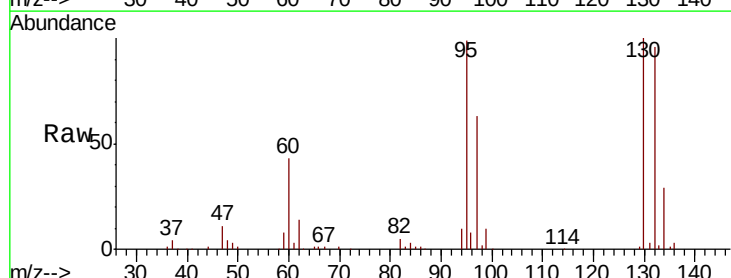
RT: 7.21 min Scan# 1037

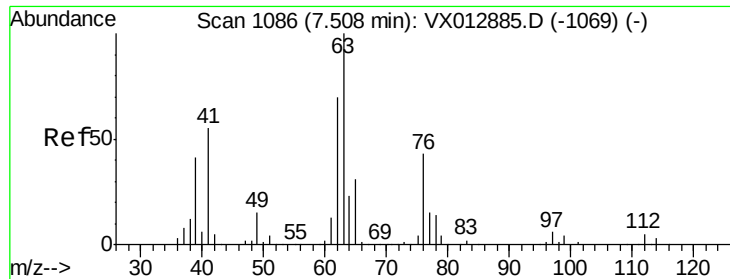
Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	130	Resp:	107930
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	189.2





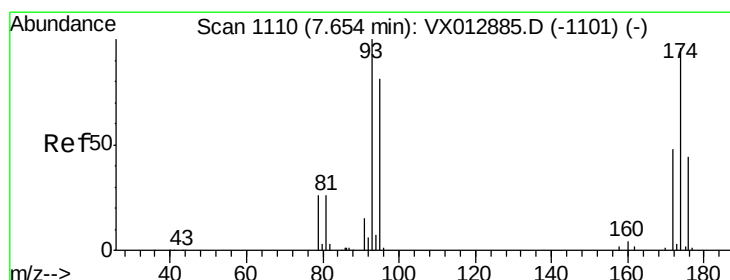
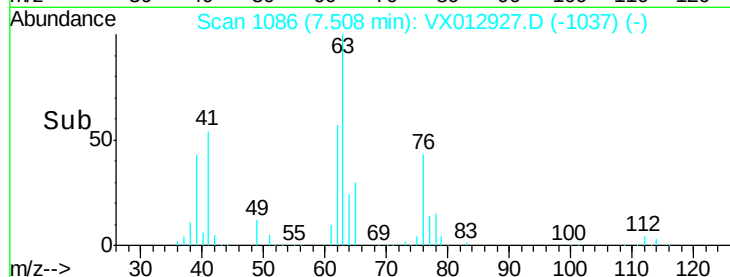
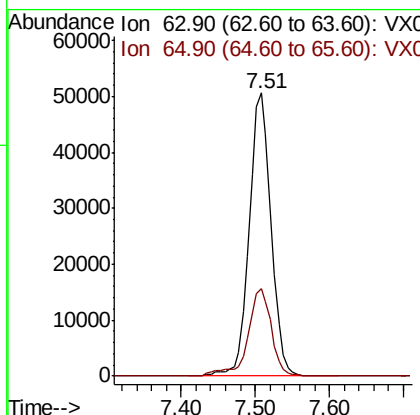
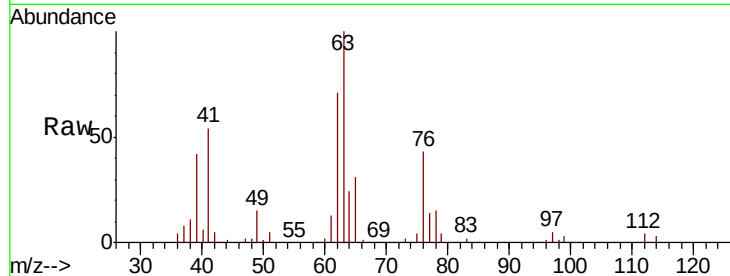
#45
 1,2-Dichloropropane
 Concen: 53.456 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 104191
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0

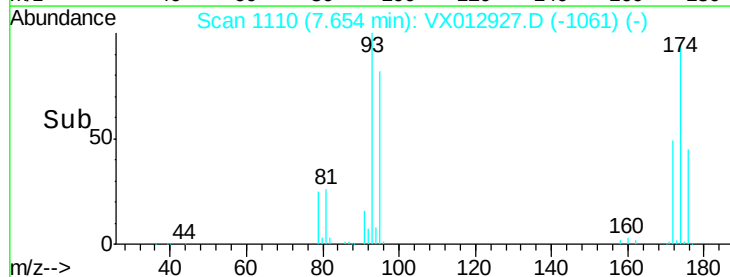
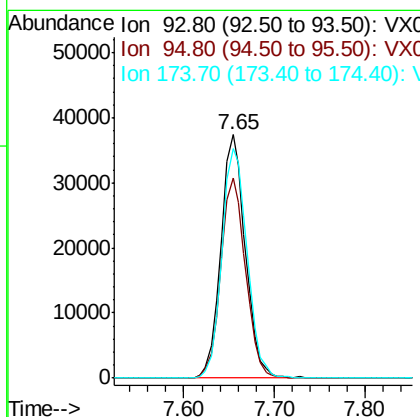
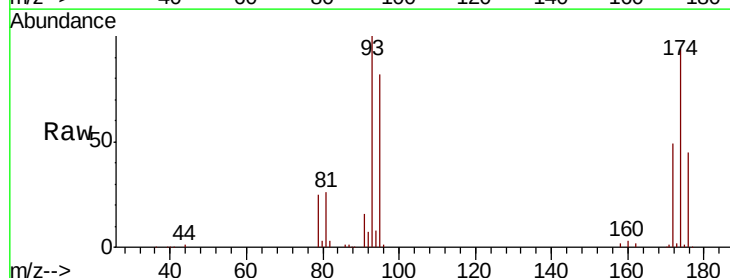
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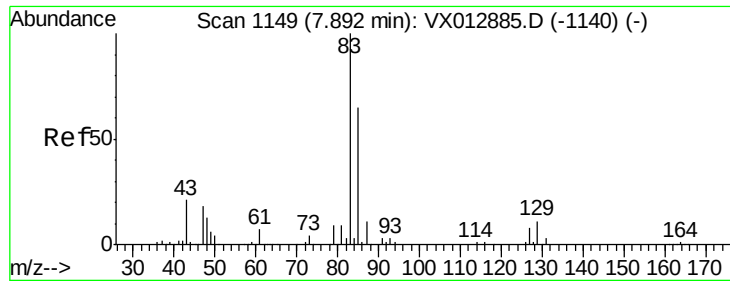
MMDadoda
 10/9/2019 10:40:27 AM



#46
 Dibromomethane
 Concen: 54.026 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 93 Resp: 70159
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.3 99.5
 174 97.1 77.8 116.6





#47

Bromodichloromethane

Concen: 55.106 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

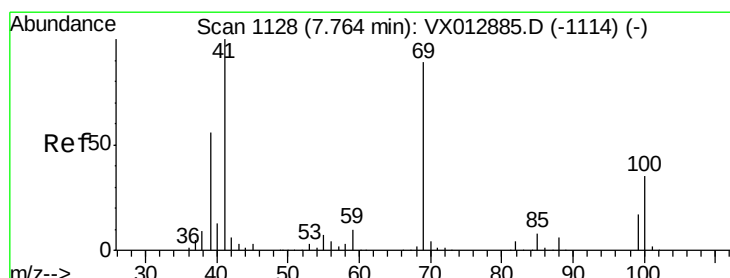
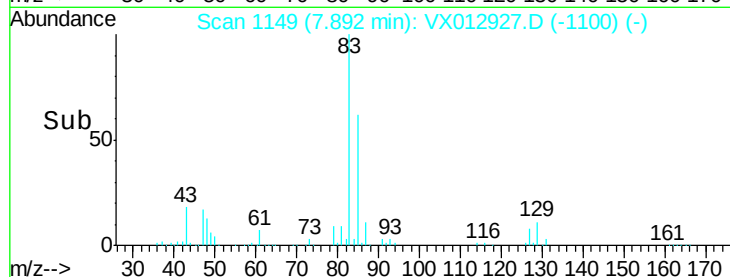
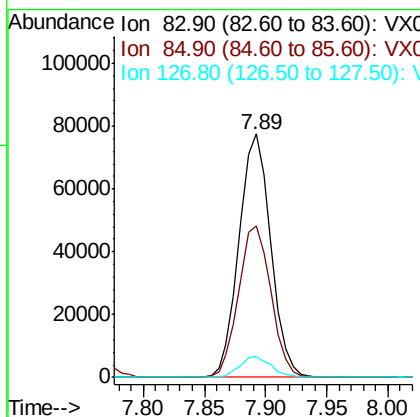
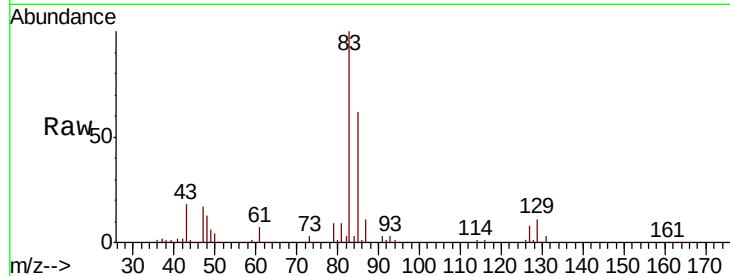
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	139653
Ion Ratio	Lower	Upper	
83	100		
85	62.2	52.4	78.6
127	8.4	6.6	10.0

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#48

Methyl methacrylate

Concen: 53.583 ug/l

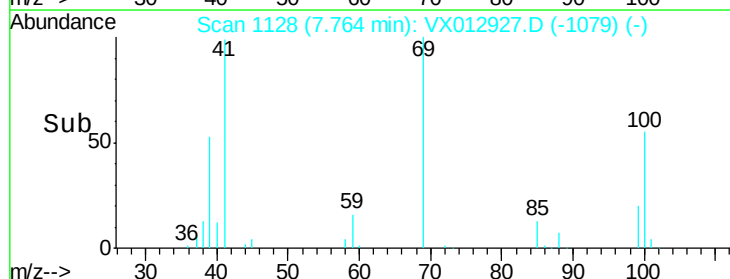
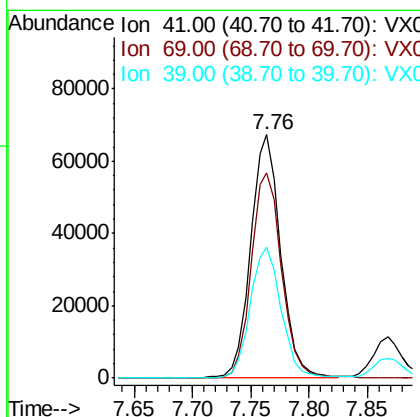
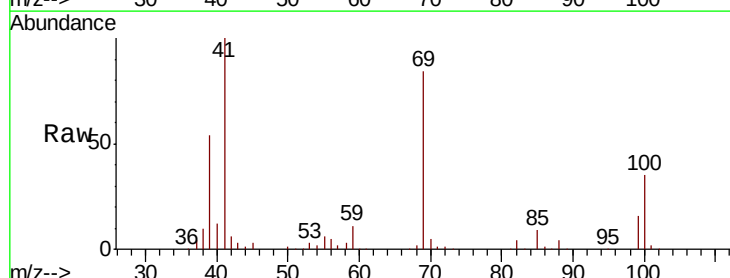
RT: 7.76 min Scan# 1128

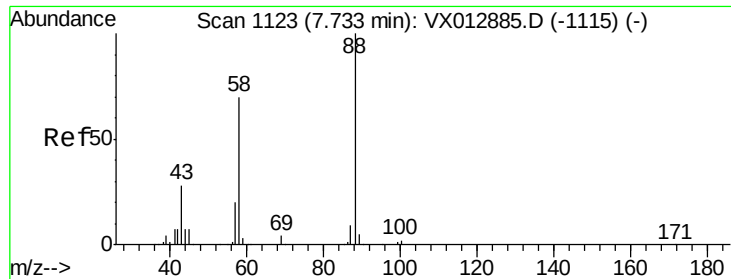
Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	41	Resp:	121343
Ion Ratio	Lower	Upper	
41	100		
69	86.0	68.7	103.1
39	55.6	44.3	66.5





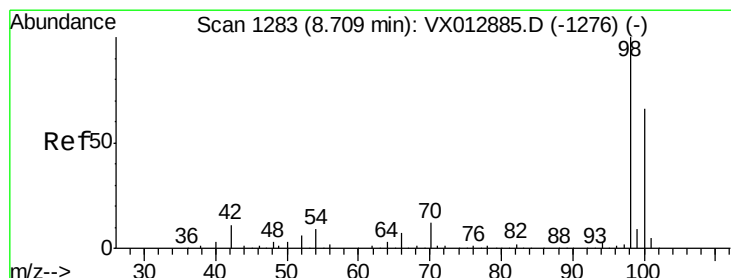
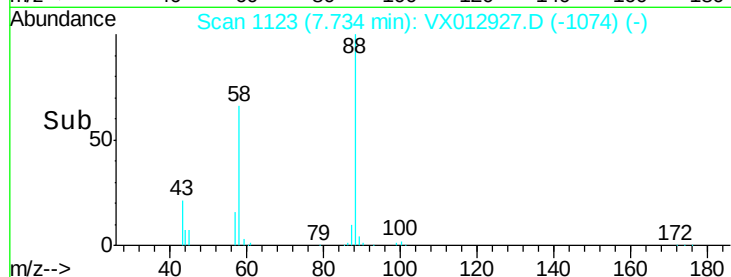
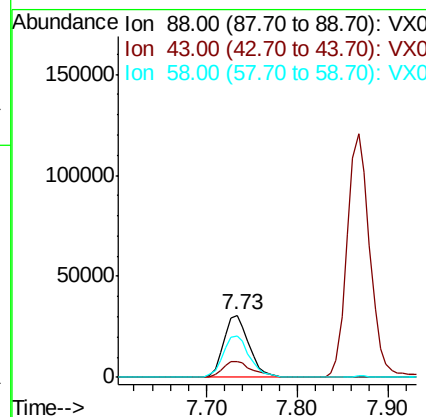
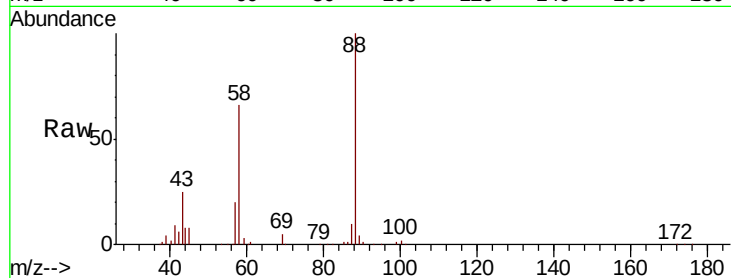
#49
 1,4-Dioxane
 Concen: 994.685 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.0	37.6
58	69.5	55.4	83.2

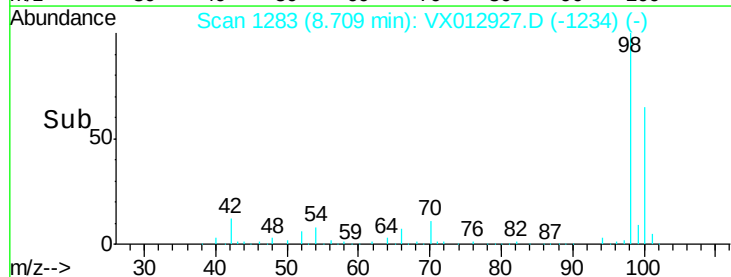
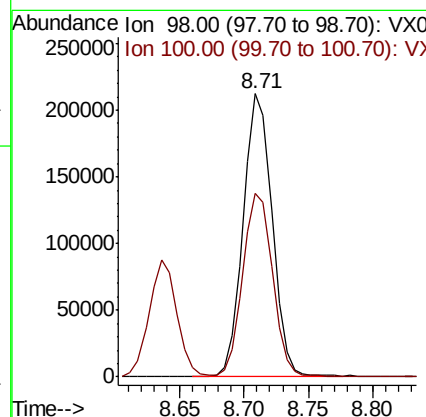
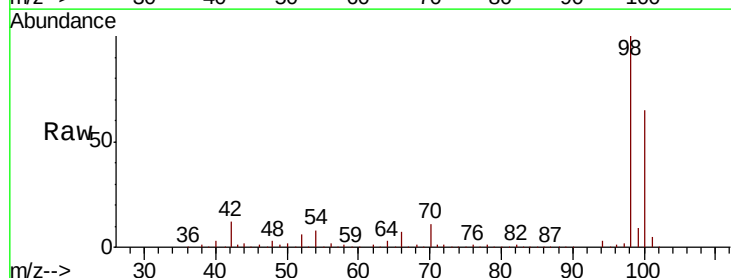
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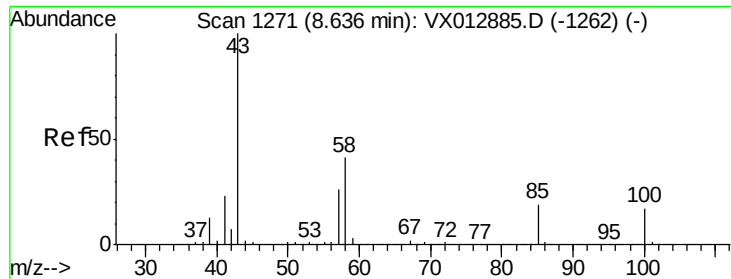
MMDadoda
 10/9/2019 10:40:27 AM



#50
 Toluene-d8
 Concen: 50.265 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 267.250 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 774324

Ion Ratio Lower Upper

43 100

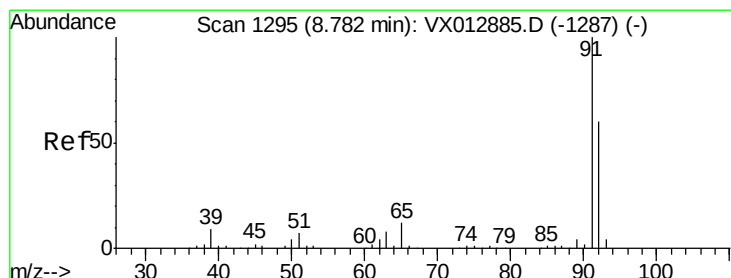
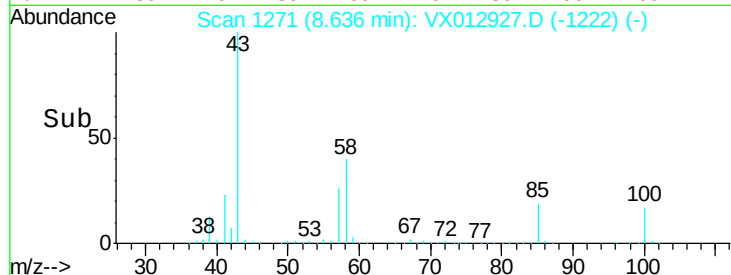
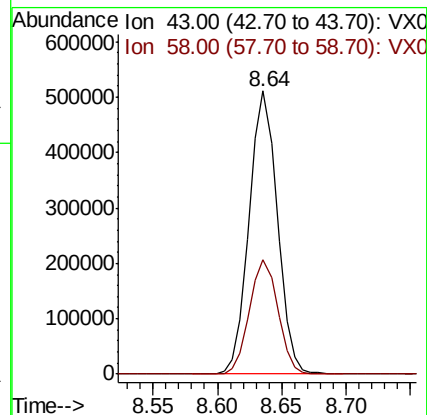
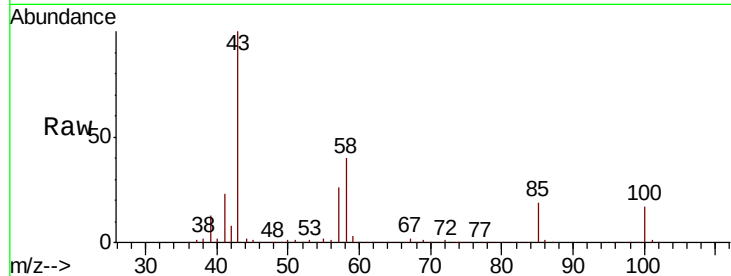
58 40.7 32.4 48.6

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#52

Toluene

Concen: 53.203 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012927.D

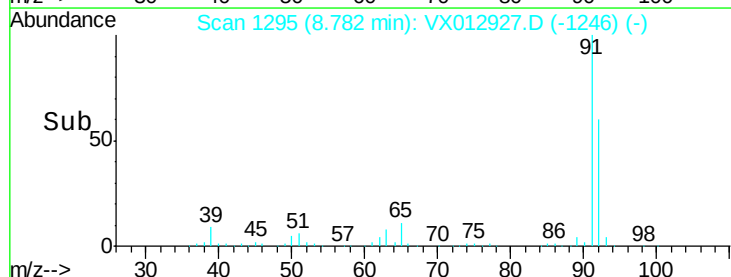
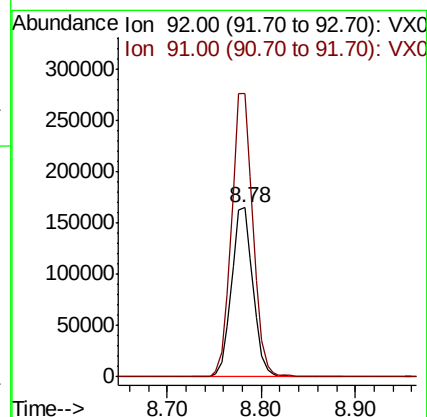
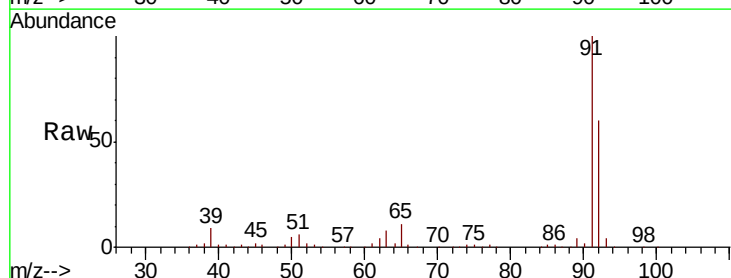
Acq: 09 Oct 2019 07:01

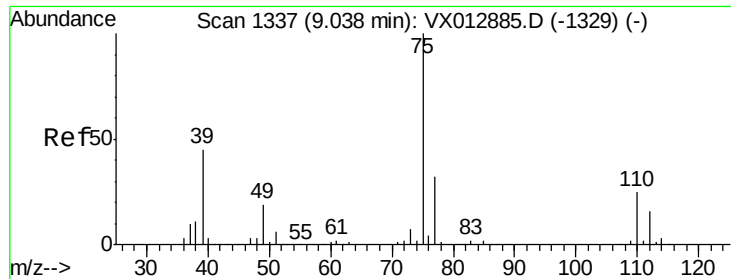
Tgt Ion: 92 Resp: 260301

Ion Ratio Lower Upper

92 100

91 167.0 135.9 203.9





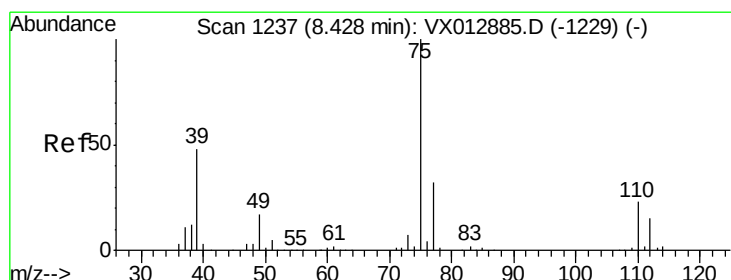
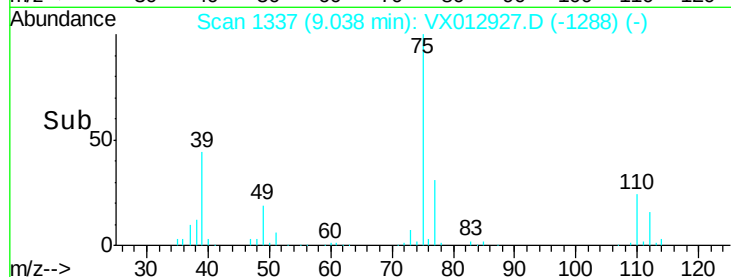
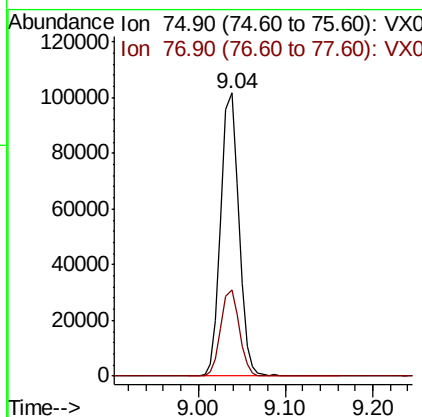
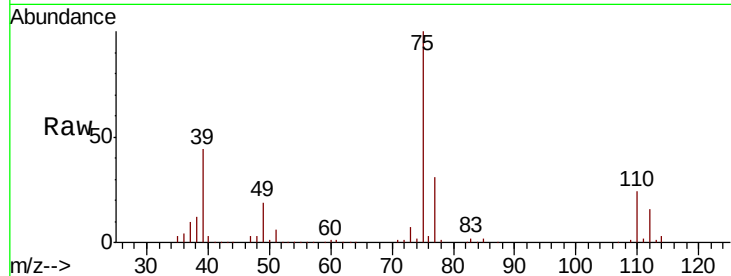
#53
t-1,3-Dichloropropene
Concen: 46.307 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 145923
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.6

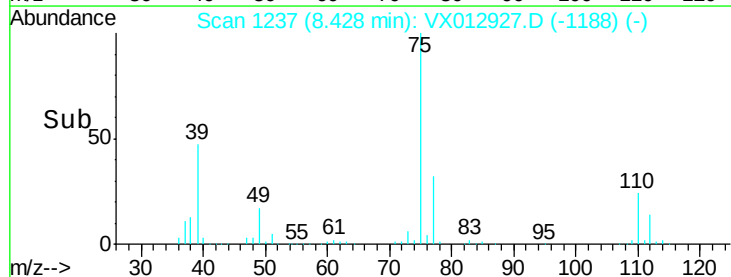
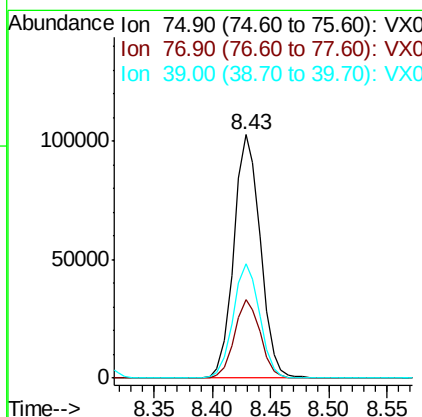
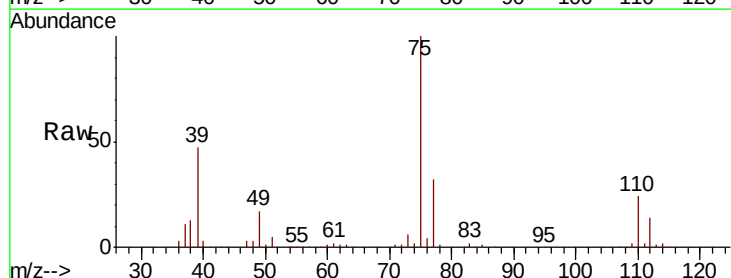
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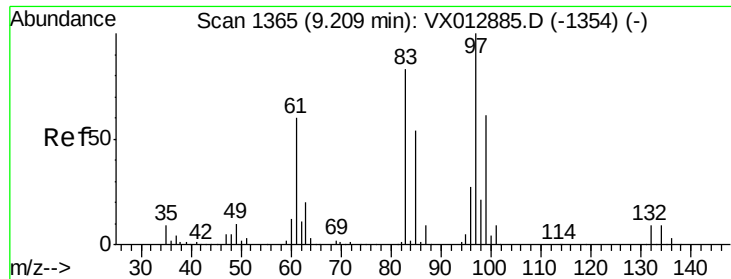
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.403 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 75 Resp: 163337
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
39 46.9 38.2 57.2





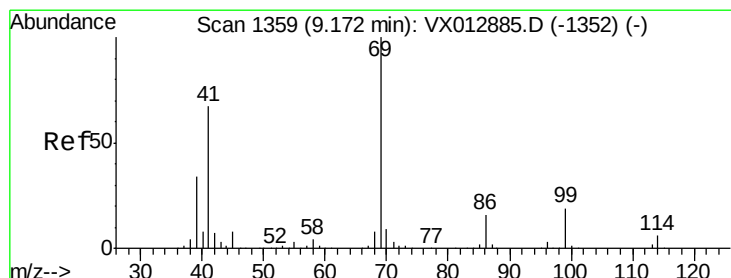
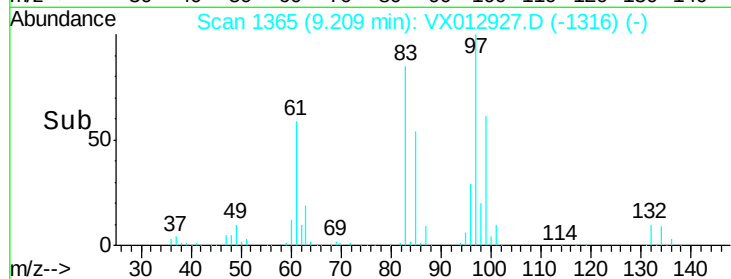
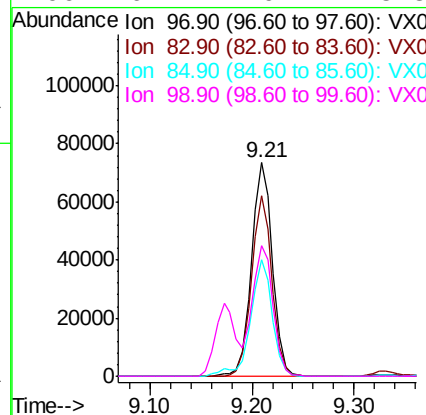
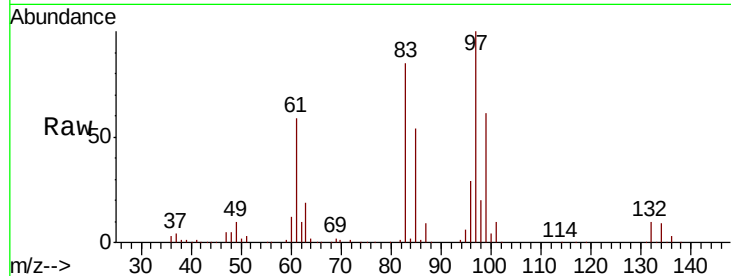
#55
 1,1,2-Trichloroethane
 Concen: 54.101 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	104750
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.5	99.7
85	54.4	43.1	64.7
99	61.4	49.2	73.8

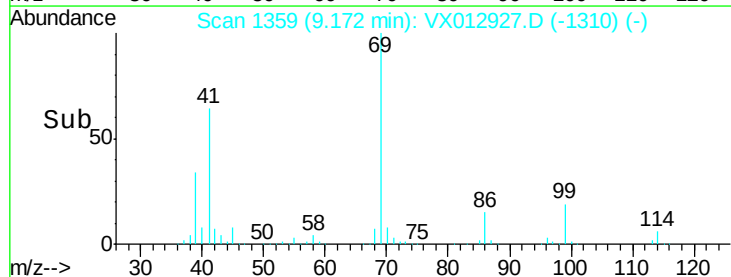
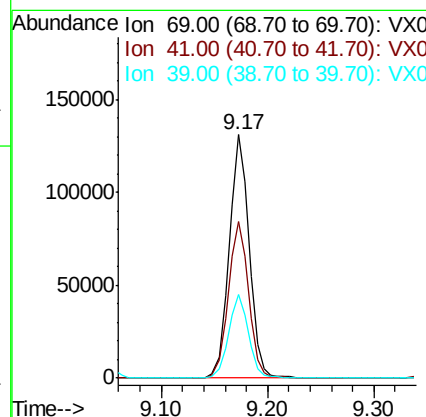
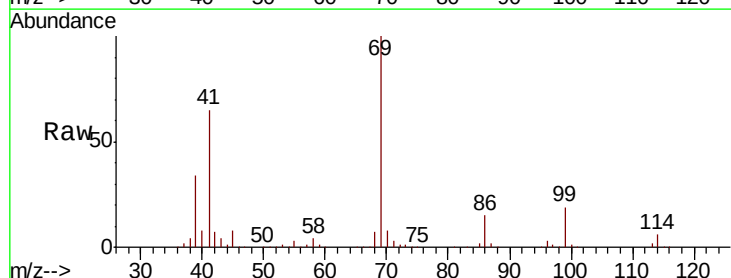
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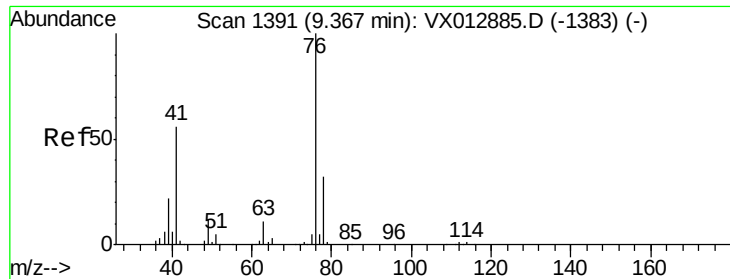
MMDadoda
 10/9/2019 10:40:27 AM



#56
 Ethyl methacrylate
 Concen: 49.866 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion:	69	Resp:	172875
Ion	Ratio	Lower	Upper
69	100		
41	65.5	52.1	78.1
39	34.1	27.8	41.8





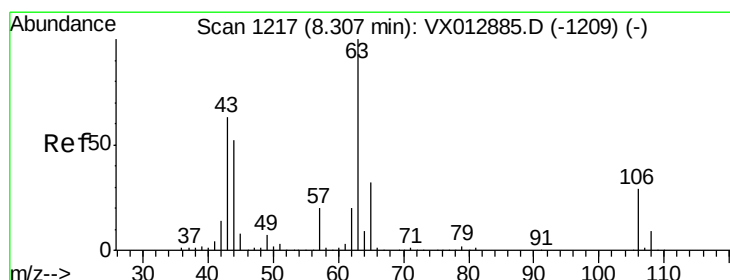
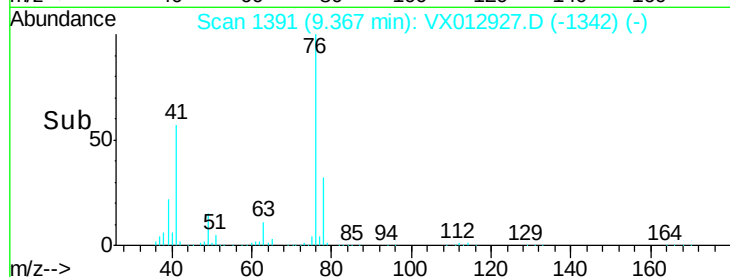
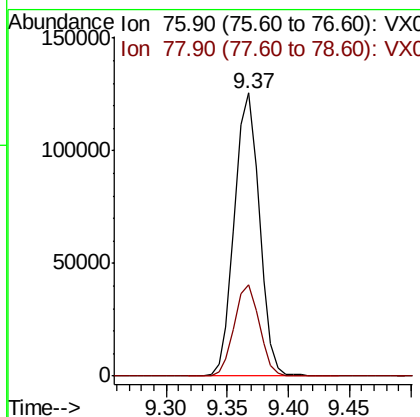
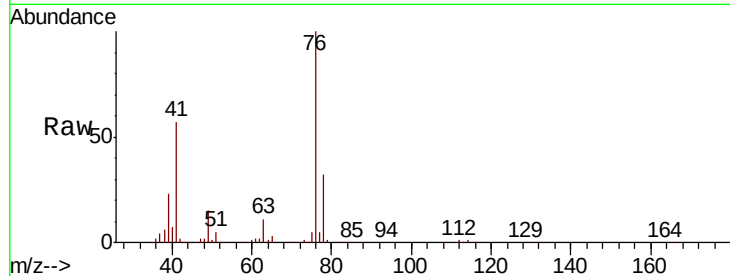
#57
 1,3-Dichloropropane
 Concen: 53.062 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 177719
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

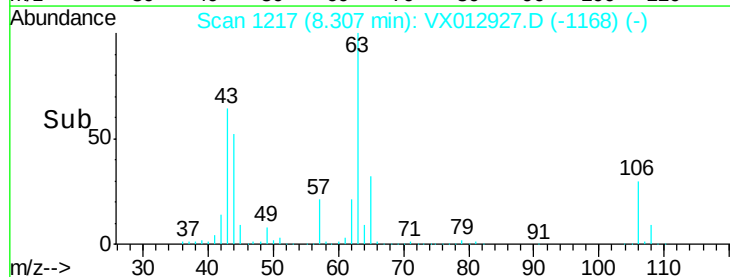
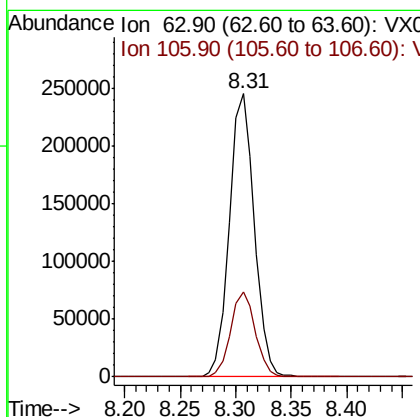
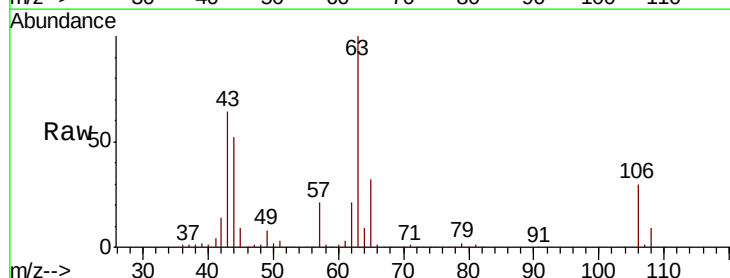
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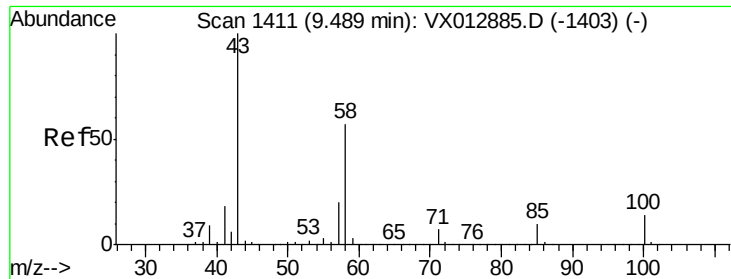
MMDadoda
 10/9/2019 10:40:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.931 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 63 Resp: 381100
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8





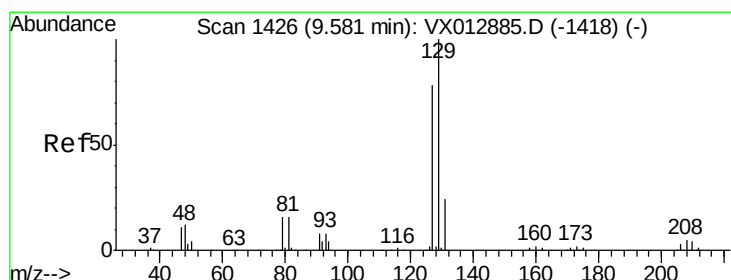
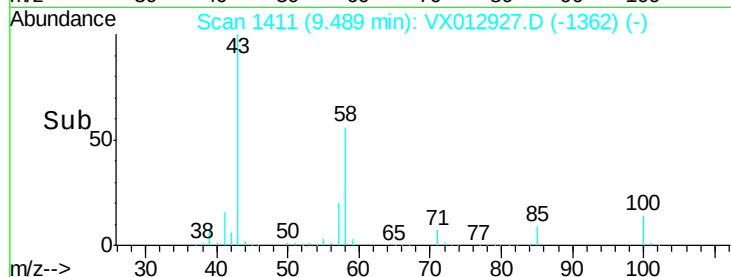
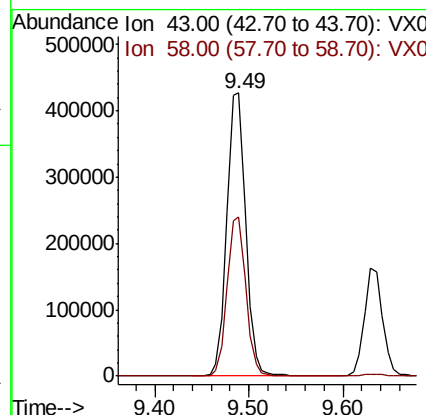
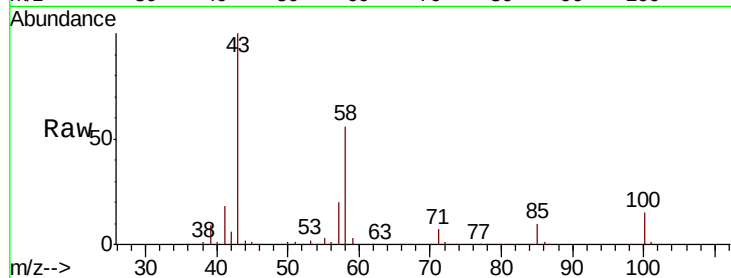
#59
2-Hexanone
Concen: 263.667 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 594680
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3

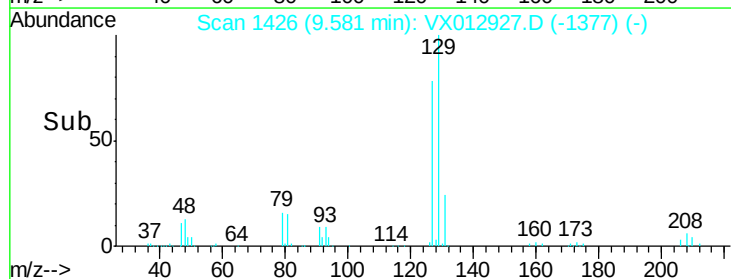
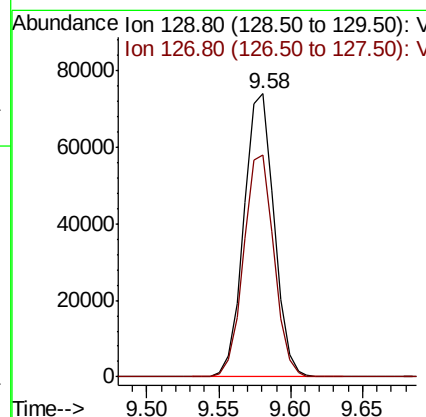
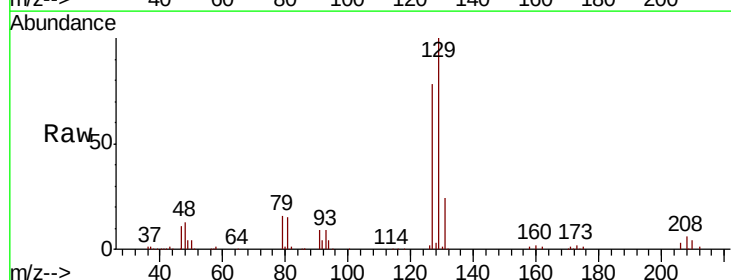
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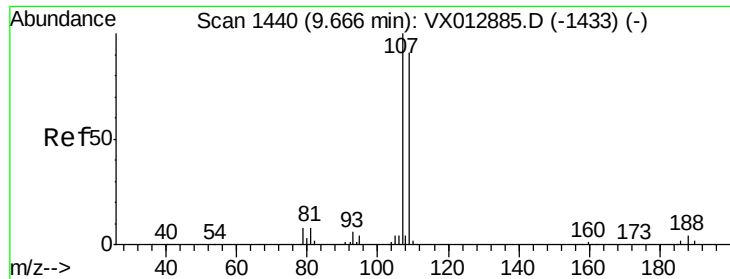
MMDadoda
10/9/2019 10:40:27 AM



#60
Dibromochloromethane
Concen: 49.810 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion: 129 Resp: 107308
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.584 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 109139

Ion Ratio Lower Upper

107 100

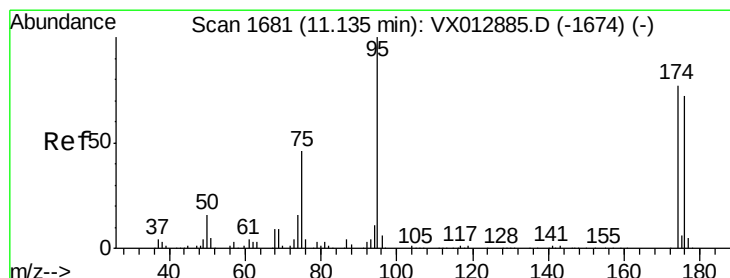
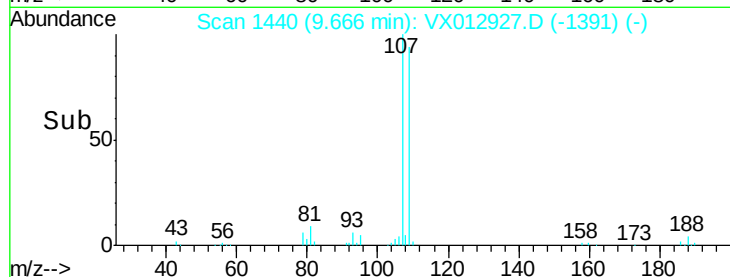
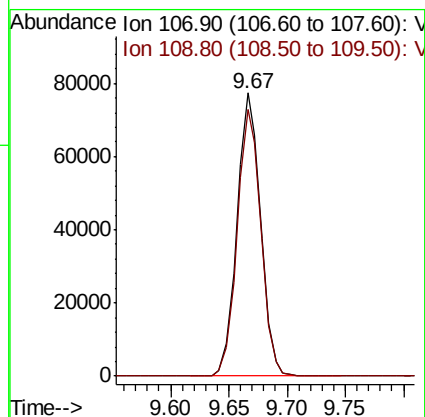
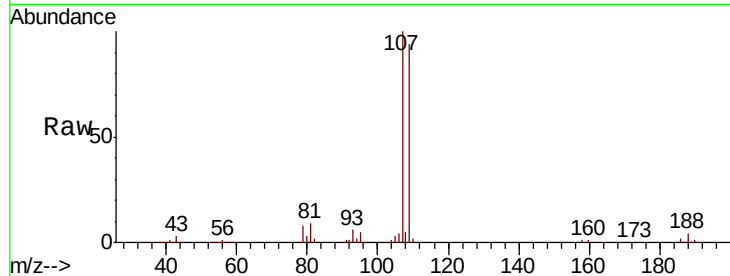
109 94.8 75.8 113.6

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10/9/2019 10:40:27 AM



#62

4-Bromofluorobenzene

Concen: 49.971 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

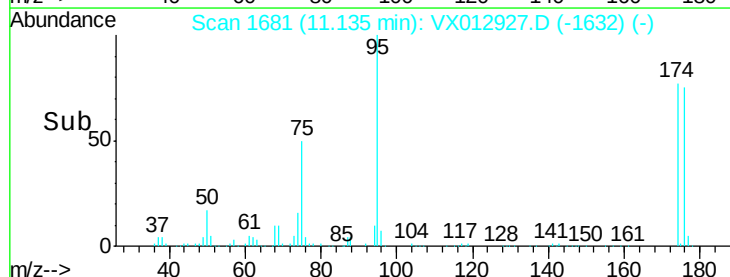
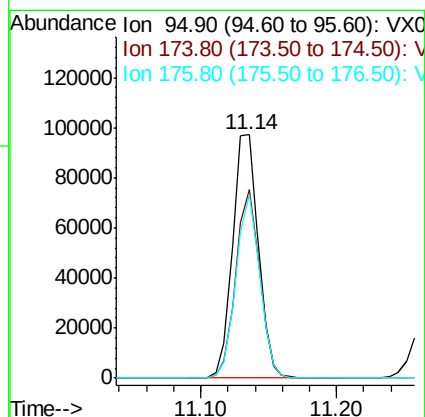
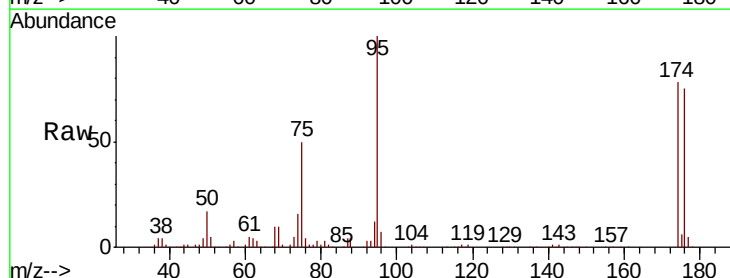
Tgt Ion: 95 Resp: 128006

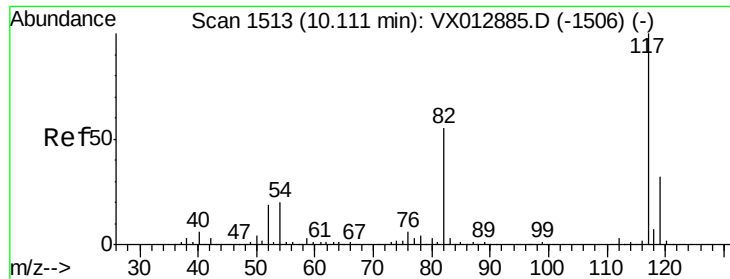
Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.4

176 69.7 0.0 136.0





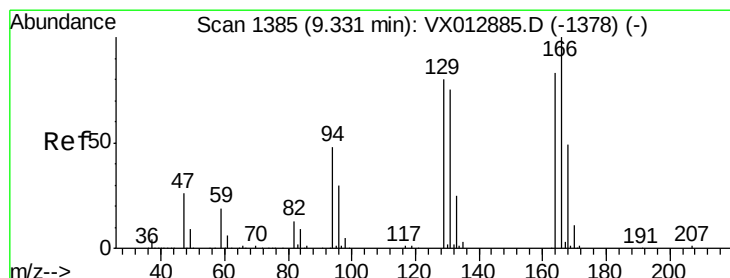
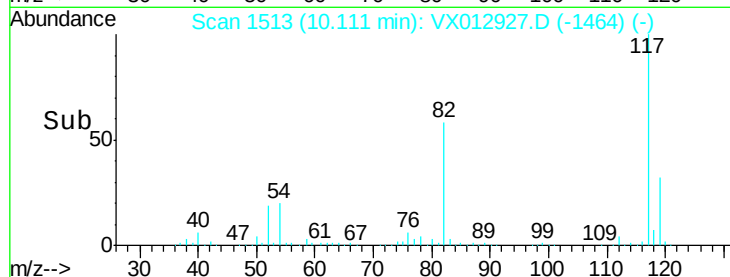
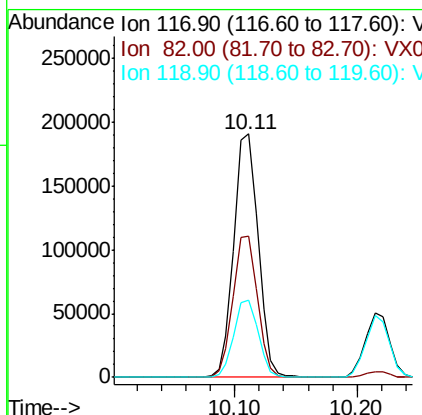
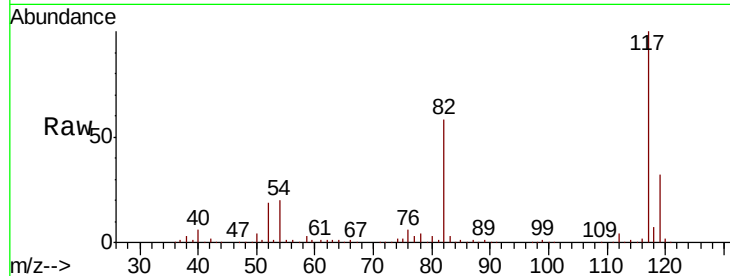
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	44.1	66.1
119	31.9	25.8	38.8

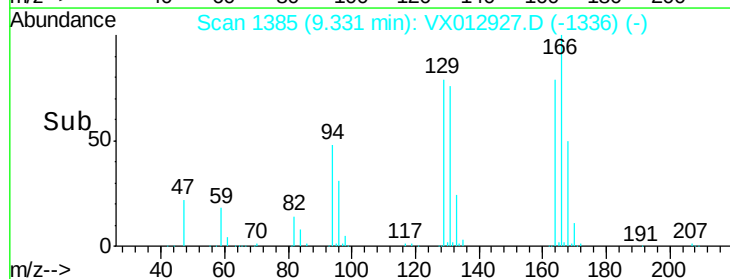
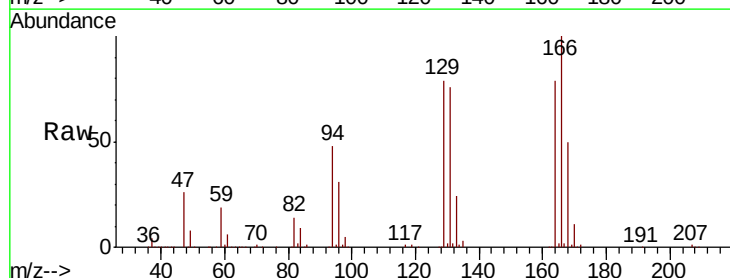
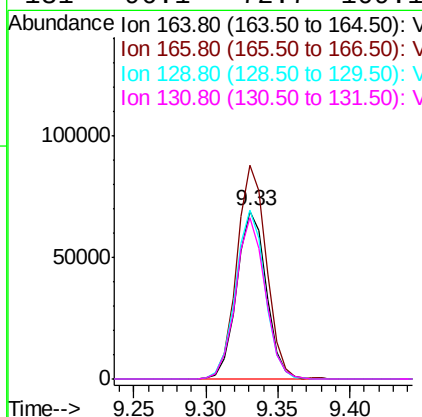
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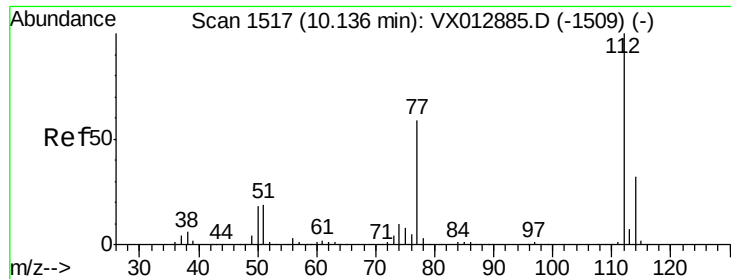
MMDadoda
10/9/2019 10:40:27 AM



#64
Tetrachloroethene
Concen: 53.805 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	96.9	145.3
129	100.7	77.9	116.9
131	96.1	72.7	109.1





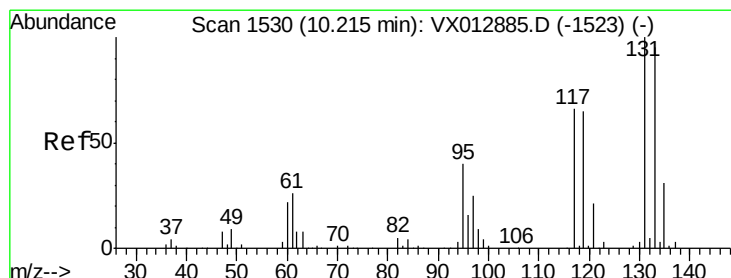
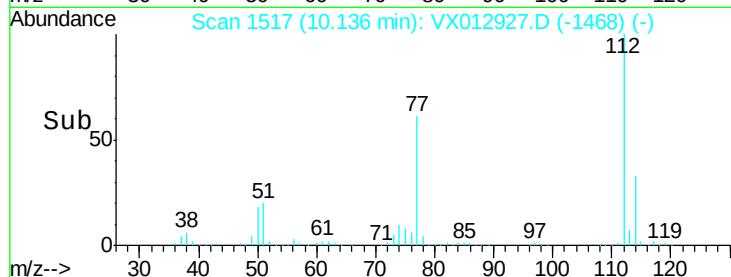
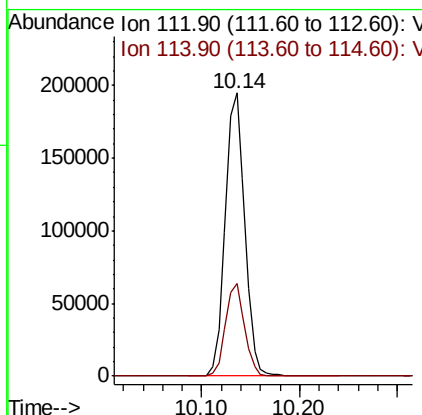
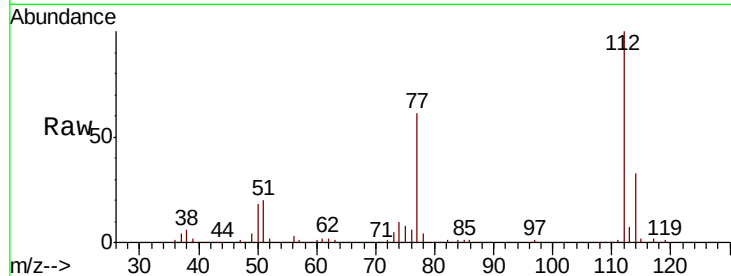
#65
Chlorobenzene
Concen: 51.501 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 269660
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

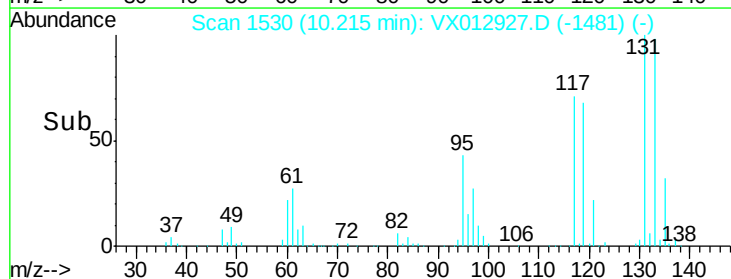
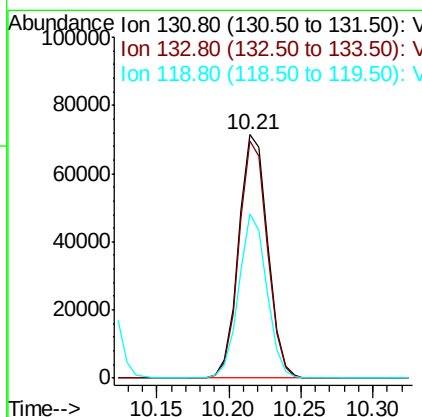
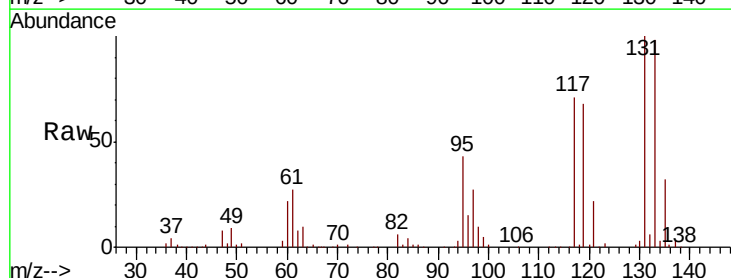
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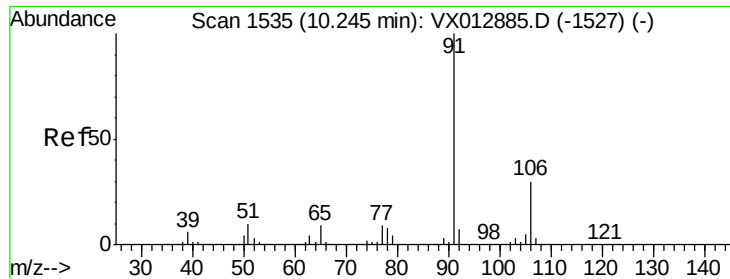
MMDadoda
10/9/2019 10:40:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.081 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion:131 Resp: 99997
Ion Ratio Lower Upper
131 100
133 95.3 47.2 141.6
119 64.8 32.6 98.0





#67

Ethyl Benzene

Concen: 53.094 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 493807

Ion Ratio Lower Upper

91 100

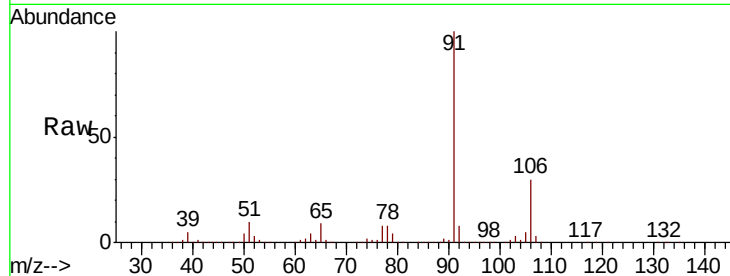
106 30.3 23.9 35.9

Manual Integrations

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10/9/2019 10:40:27 AM



Abundance Ion 91.00 (90.70 to 91.70): VX012885.D (-1527) (-)

Ion 106.00 (105.70 to 106.70): VX012885.D (-1527) (-)

600000

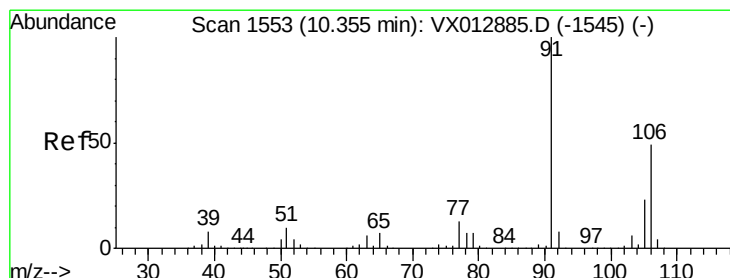
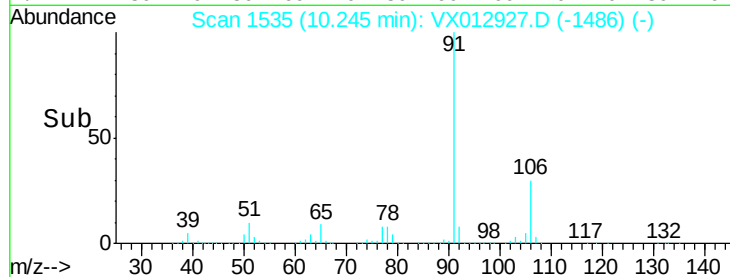
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 107.857 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012927.D

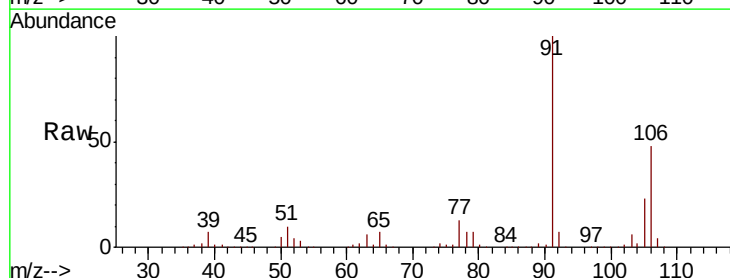
Acq: 09 Oct 2019 07:01

Tgt Ion: 106 Resp: 374756

Ion Ratio Lower Upper

106 100

91 205.9 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): VX012885.D (-1545) (-)

Ion 91.00 (90.70 to 91.70): VX012885.D (-1545) (-)

600000

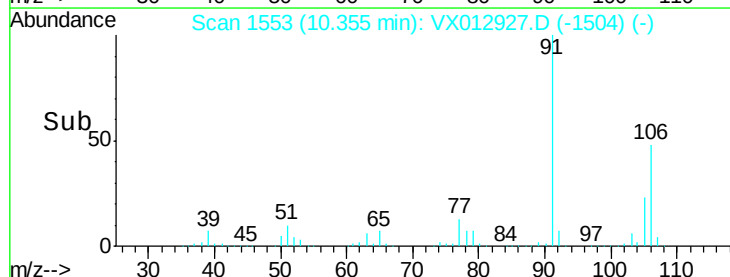
400000

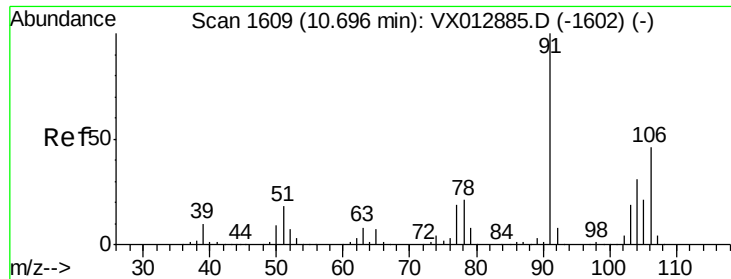
200000

0

10.30 10.40

Time-->





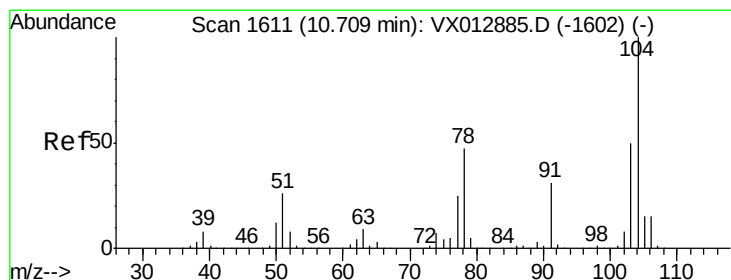
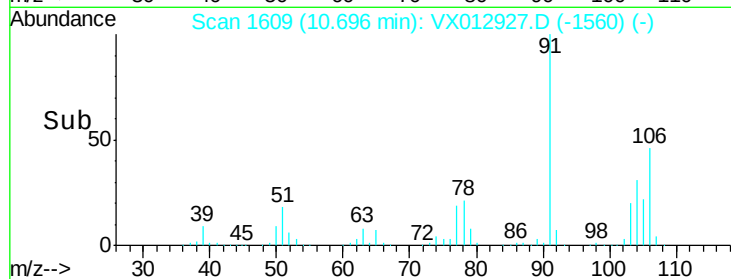
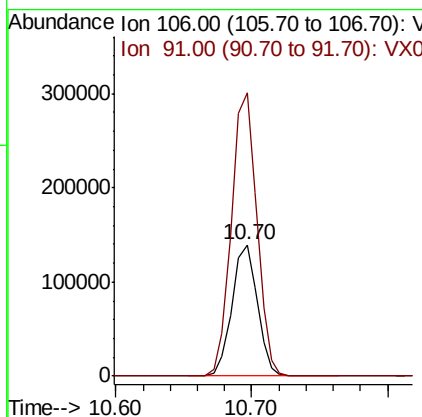
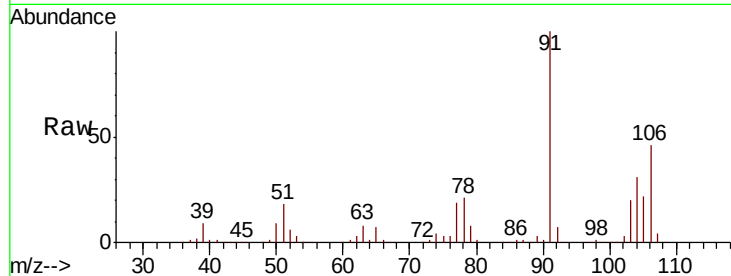
#69
o-Xylene
Concen: 53.765 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 182172
Ion Ratio Lower Upper
106 100
91 215.8 109.1 327.3

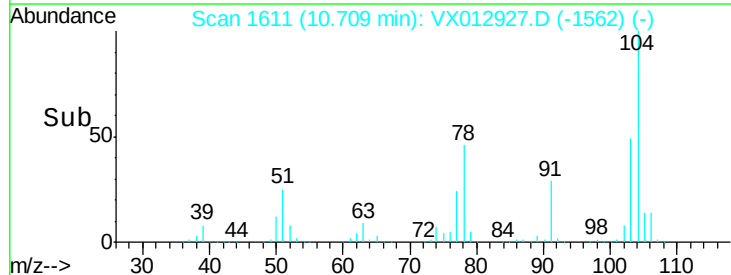
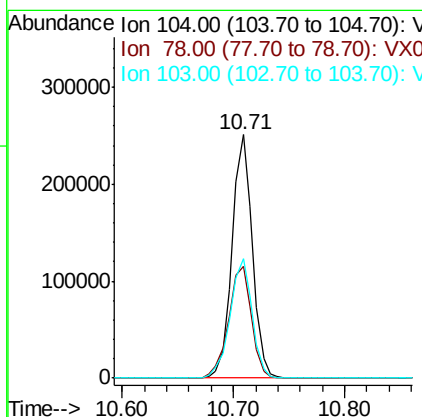
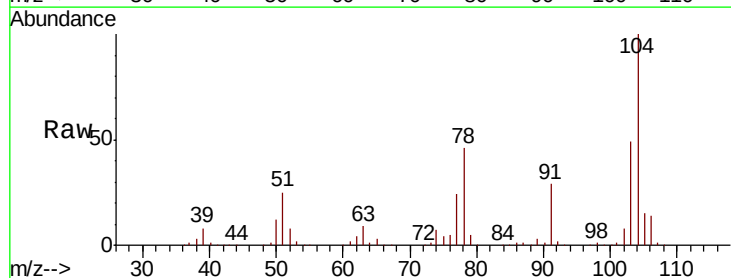
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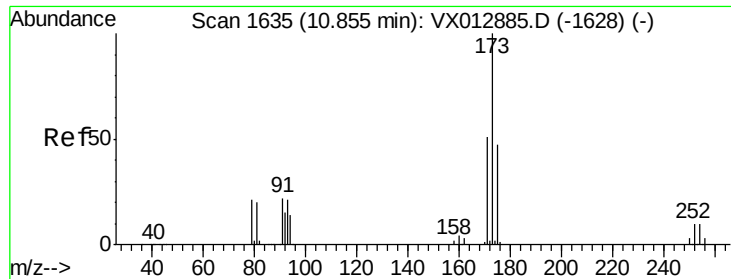
MMDadoda
10/9/2019 10:40:27 AM



#70
Styrene
Concen: 54.749 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion:104 Resp: 315360
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 53.4 43.0 64.4





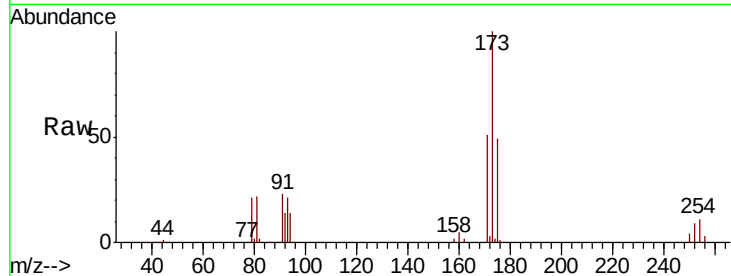
#71
Bromoform
Concen: 47.441 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

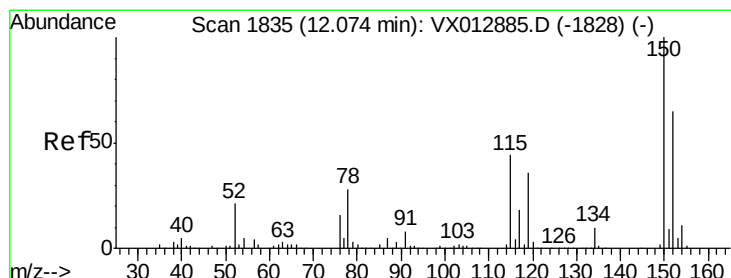
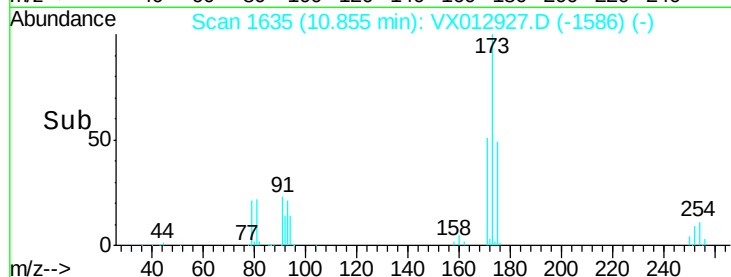
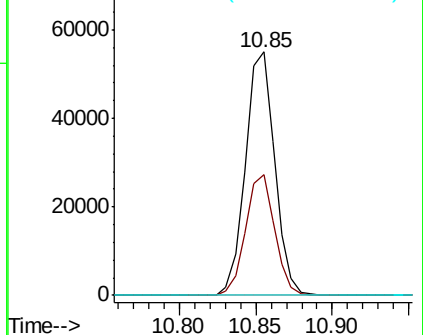
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.1	0.1	0.1

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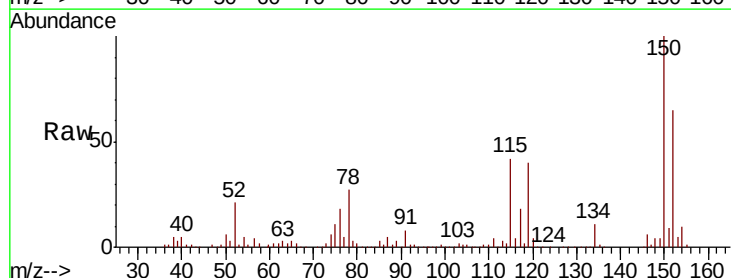


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

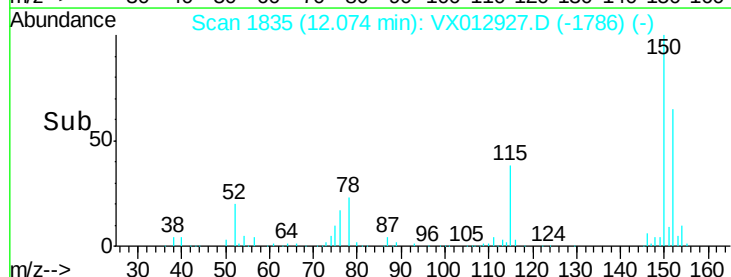
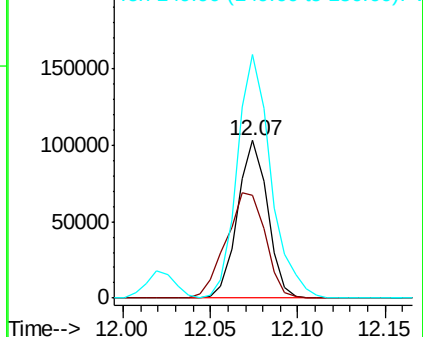


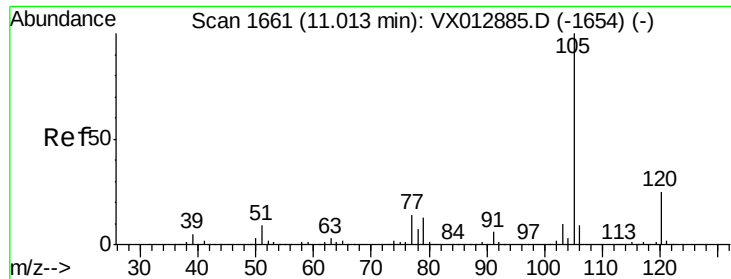
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	87.6	44.5	133.5
150	174.5	0.0	353.4



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: 54.136 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 489653

Ion Ratio Lower Upper

105 100

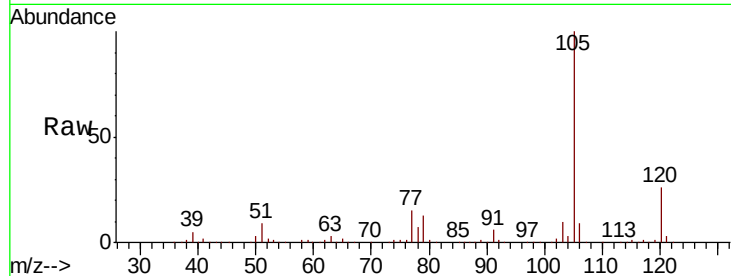
120 26.2 13.0 39.0

Manual Integrations

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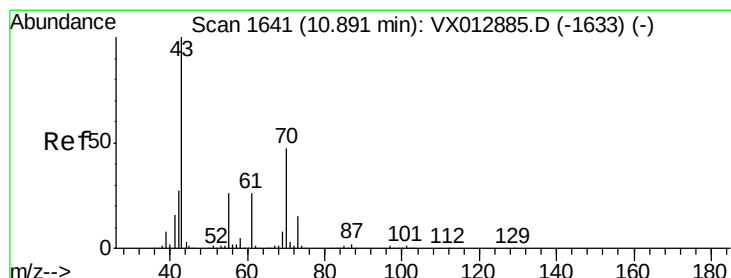
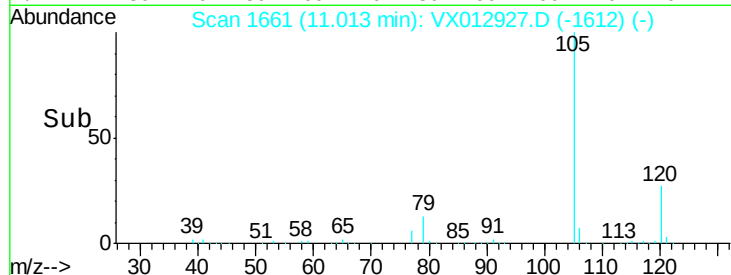
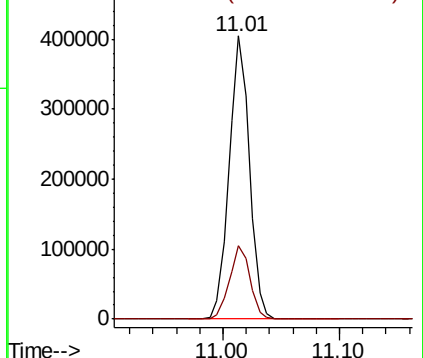
MMDadoda

10/9/2019 10:40:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.768 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion: 43 Resp: 217237

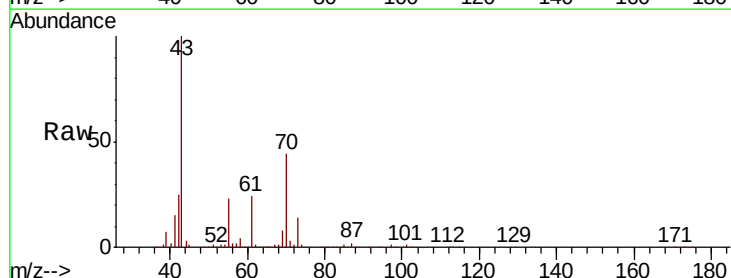
Ion Ratio Lower Upper

43 100

70 44.6 36.4 54.6

55 24.0 20.2 30.2

61 24.9 20.5 30.7

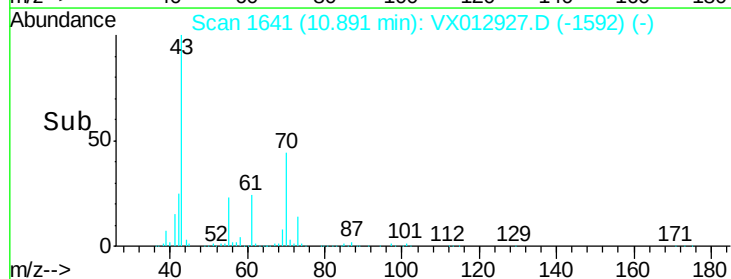
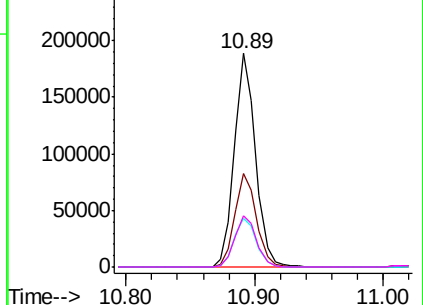


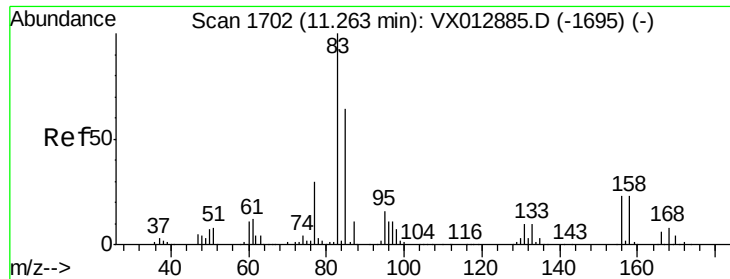
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.297 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

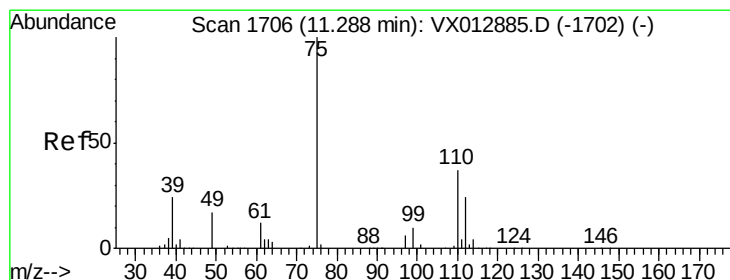
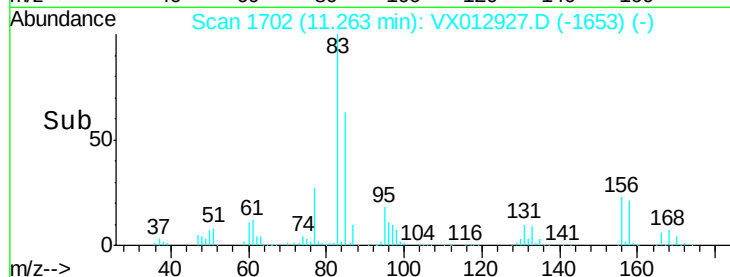
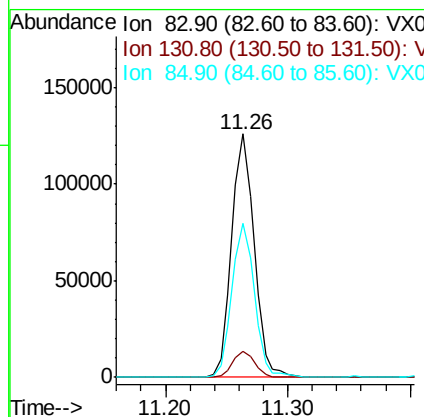
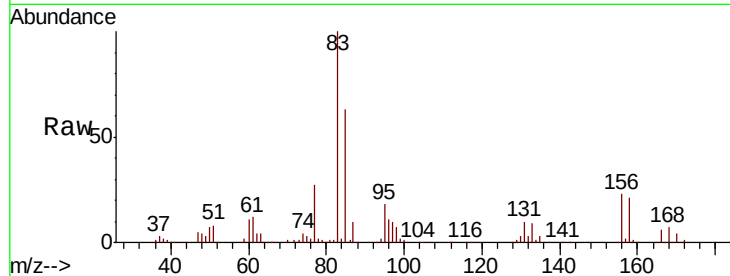
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	160335
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.6	32.1	96.5

Manual Integrations
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10/9/2019 10:40:27 AM



#76

1,2,3-Trichloropropane

Concen: 54.742 ug/l m

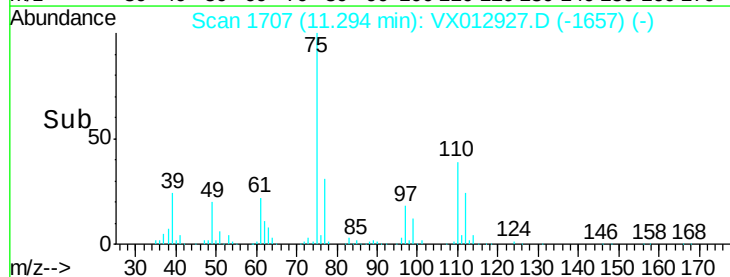
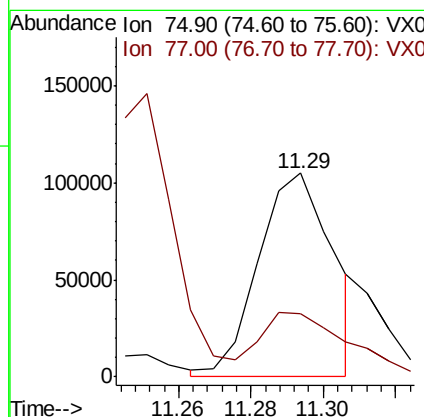
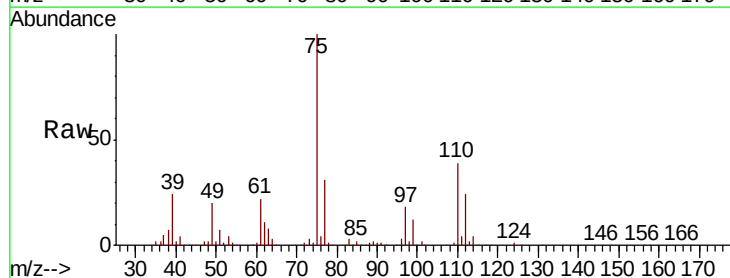
RT: 11.29 min Scan# 1707

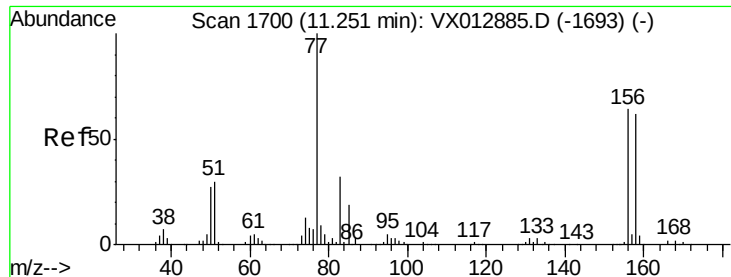
Delta R.T. 0.01 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	75	Resp:	149370
Ion Ratio	Lower	Upper	
75	100		
77	37.5	22.9	68.8





#77

Bromobenzene

Concen: 52.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

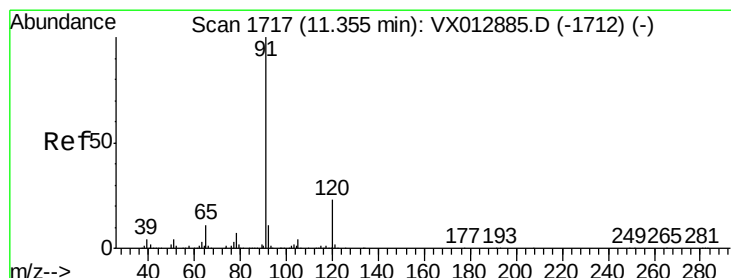
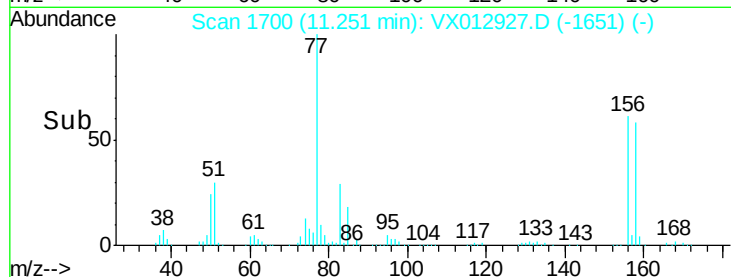
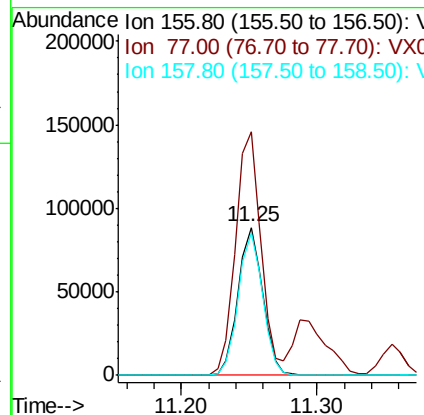
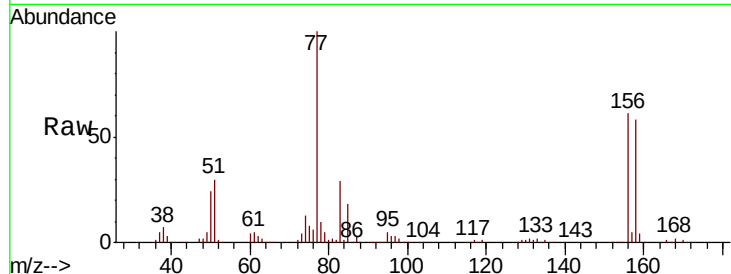
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	169.4		83.7	251.0	
158	95.2		48.6	145.9	

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#78

n-propylbenzene

Concen: 53.784 ug/l

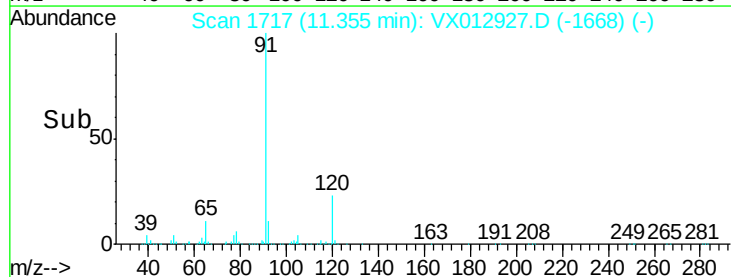
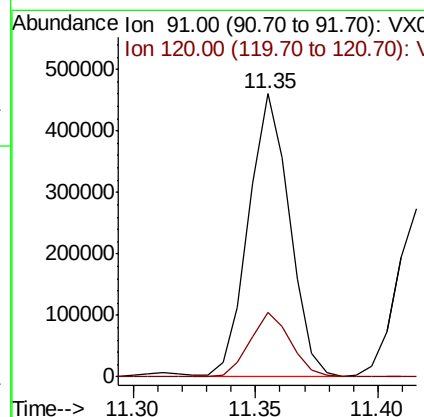
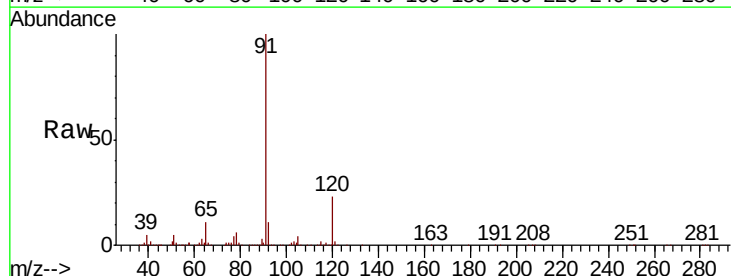
RT: 11.35 min Scan# 1717

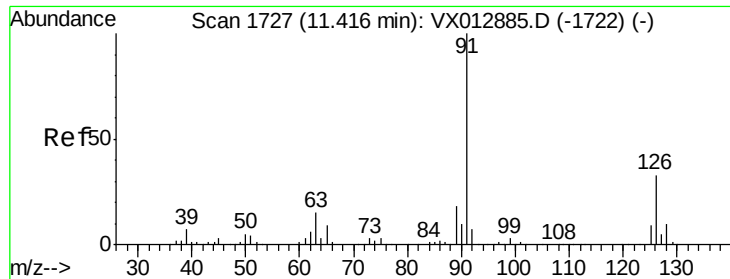
Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.7		11.7	35.1	





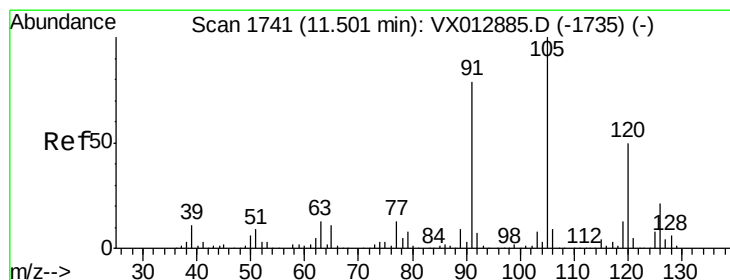
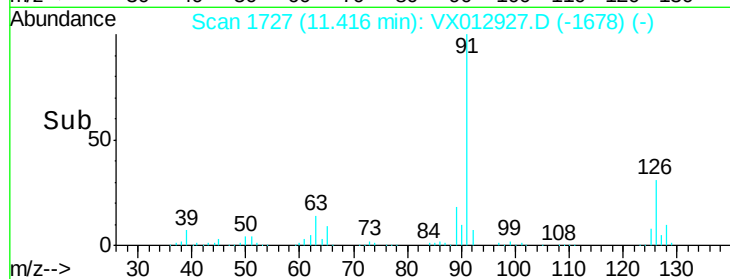
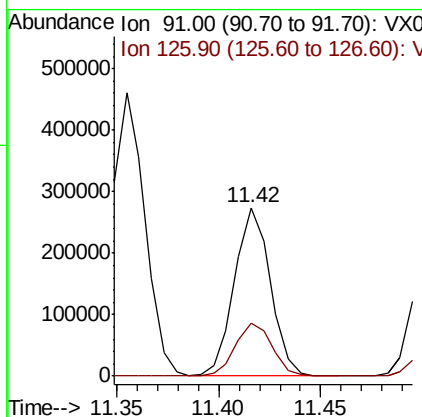
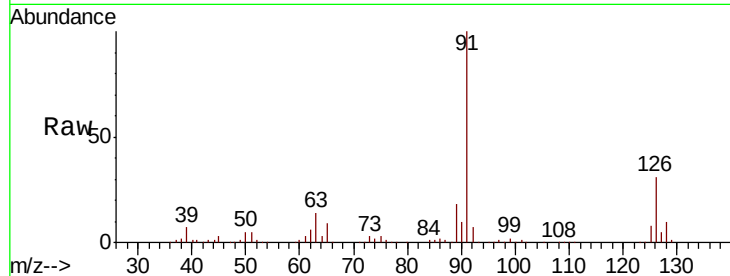
#79
 2-Chlorotoluene
 Concen: 53.329 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 91 Resp: 333570
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8

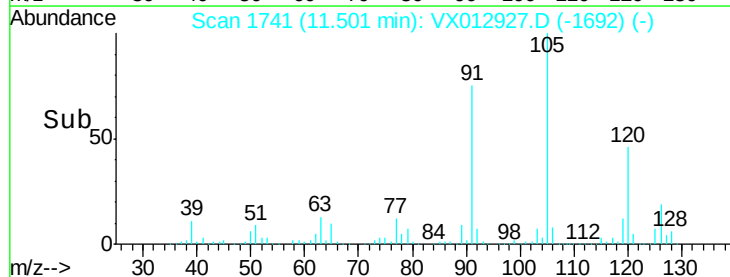
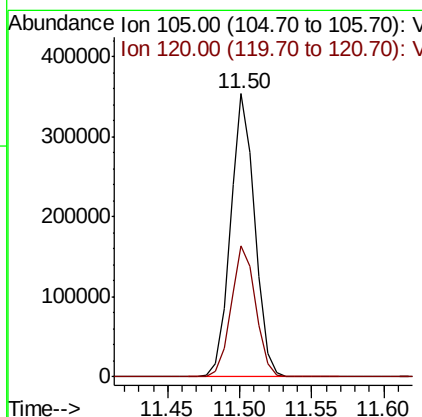
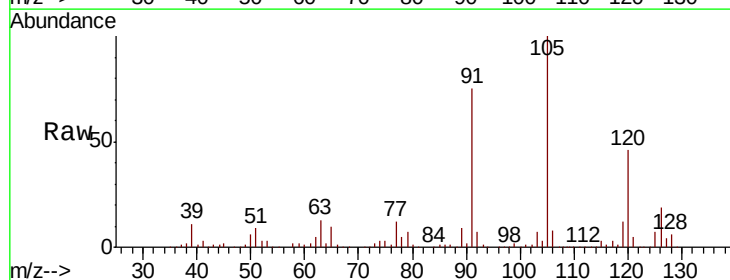
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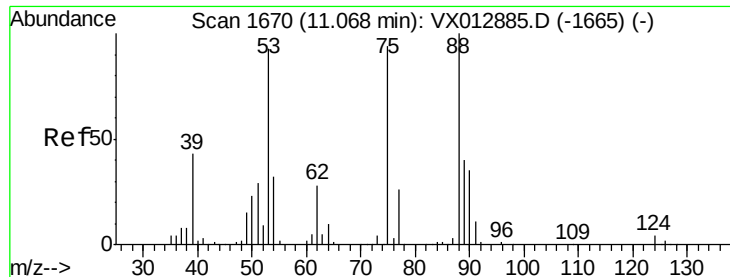
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.283 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion: 105 Resp: 417519
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 42.278 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 44133

Ion Ratio Lower Upper

75 100

53 101.3 78.5 117.7

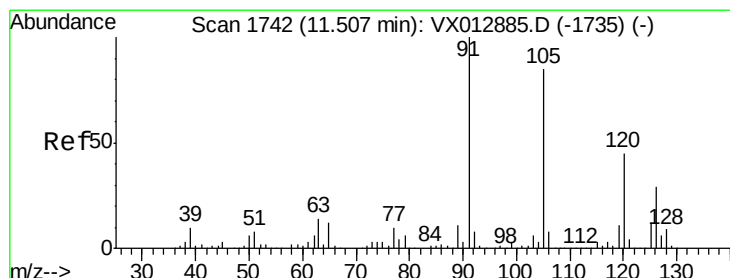
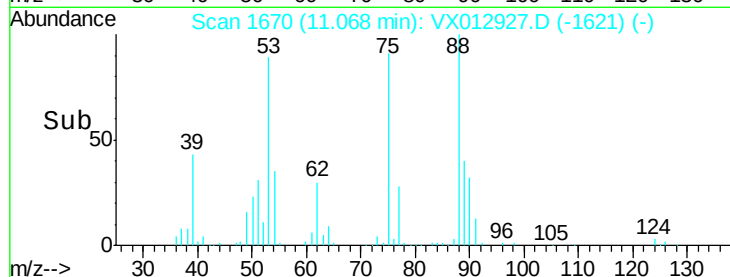
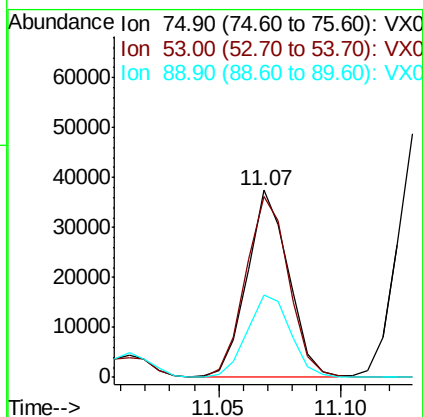
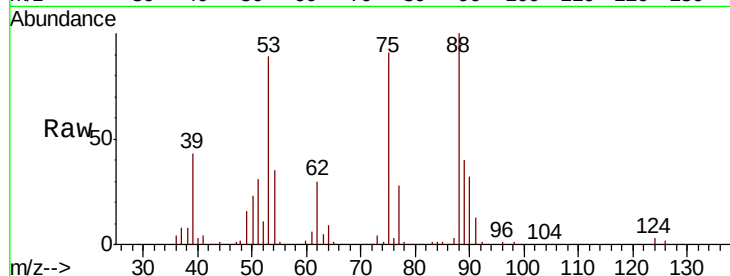
89 46.5 37.4 56.2

Manual Integrations

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#82

4-Chlorotoluene

Concen: 53.898 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012927.D

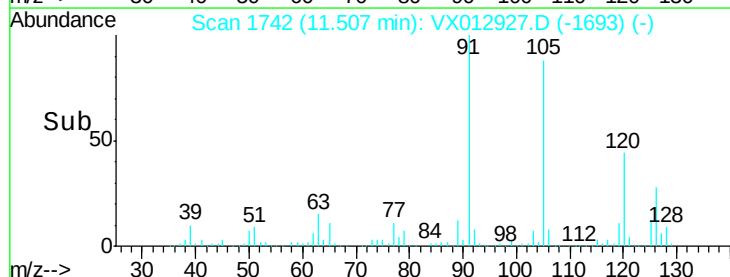
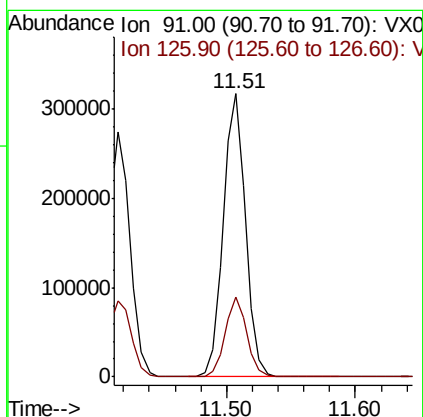
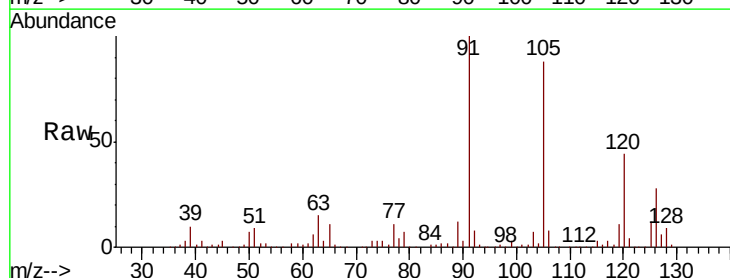
Acq: 09 Oct 2019 07:01

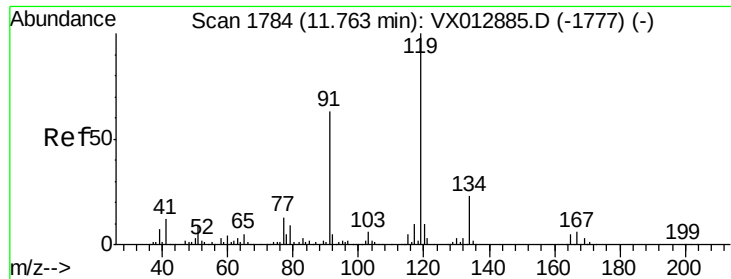
Tgt Ion: 91 Resp: 386413

Ion Ratio Lower Upper

91 100

126 27.7 14.2 42.6





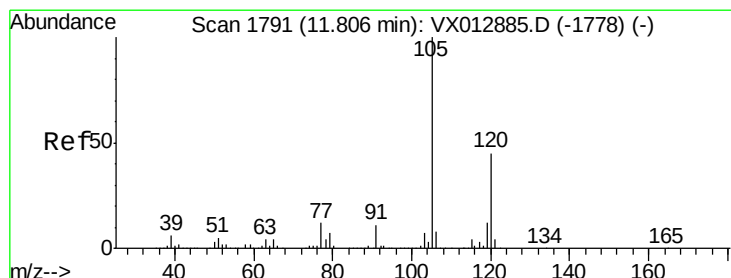
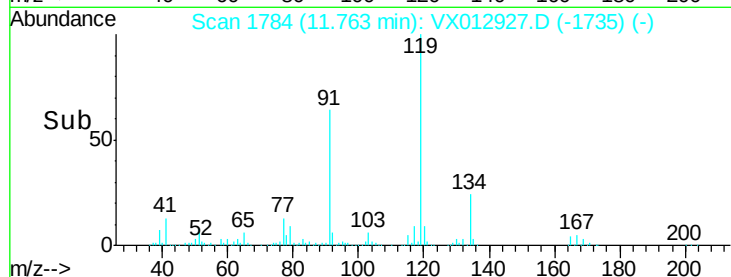
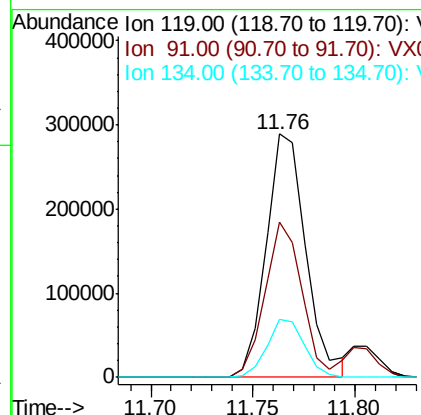
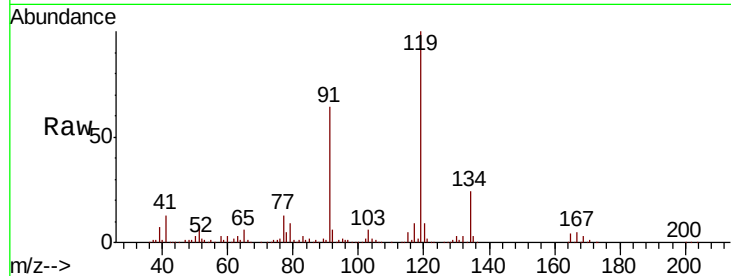
#83
 tert-Butylbenzene
 Concen: 53.395 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	393379		
91	59.2	29.3	87.9	
134	22.5	11.5	34.4	

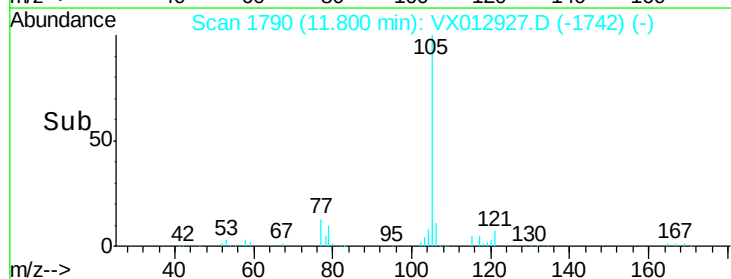
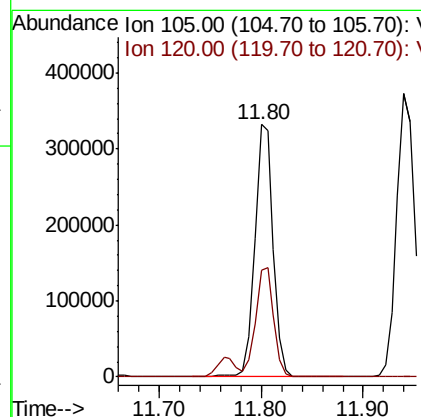
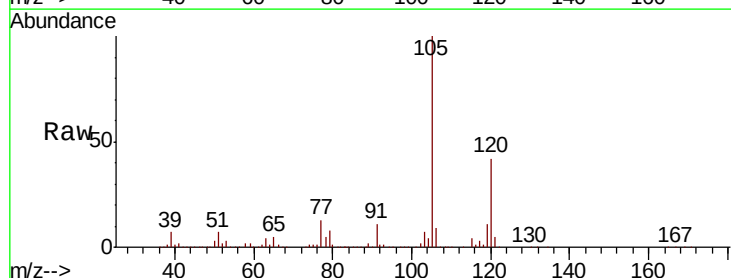
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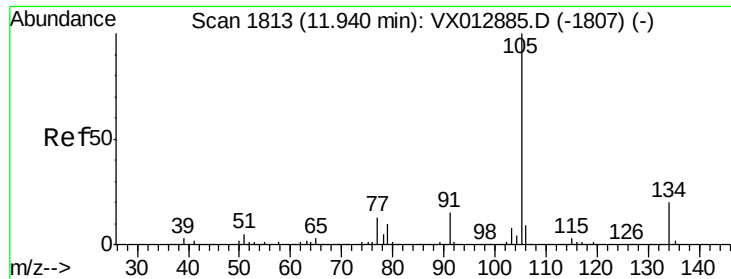
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.508 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	416928		
120	42.6	21.8	65.3	





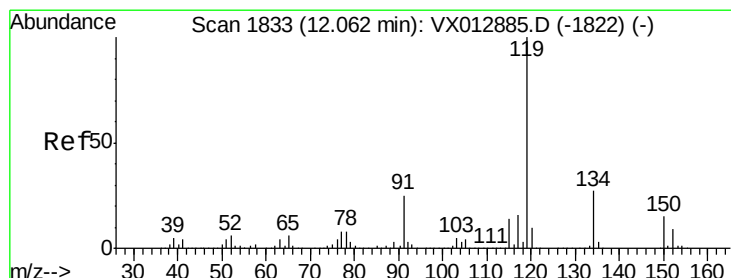
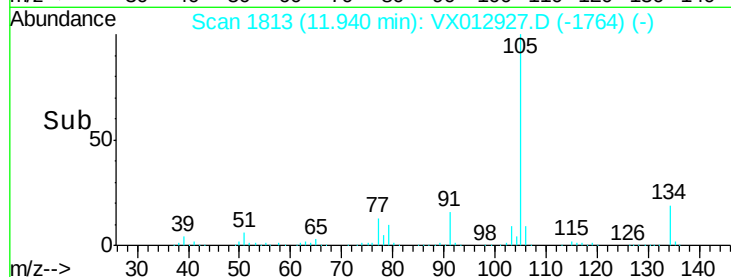
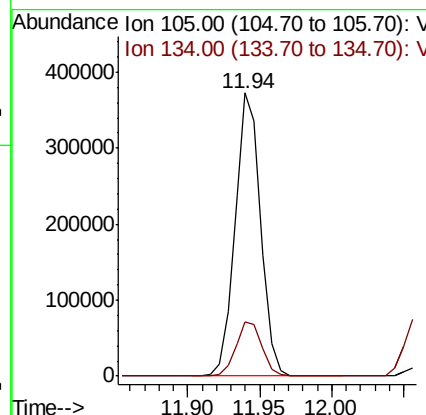
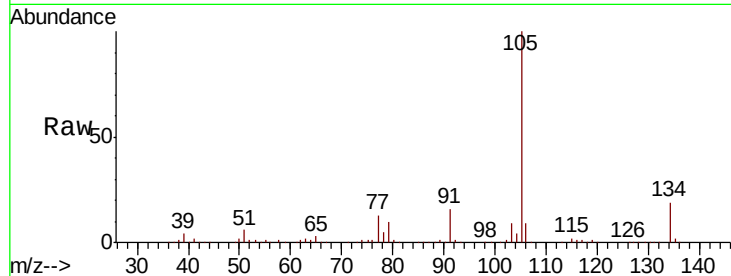
#85
 sec-Butylbenzene
 Concen: 53.908 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 460127
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 30.0

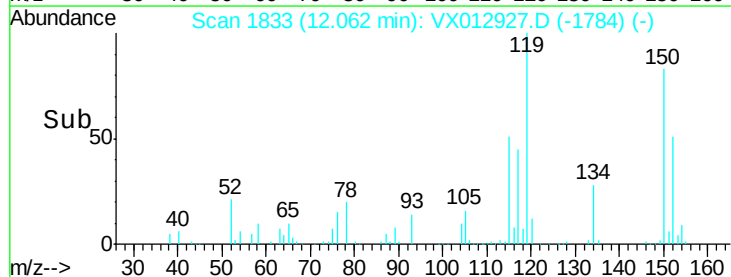
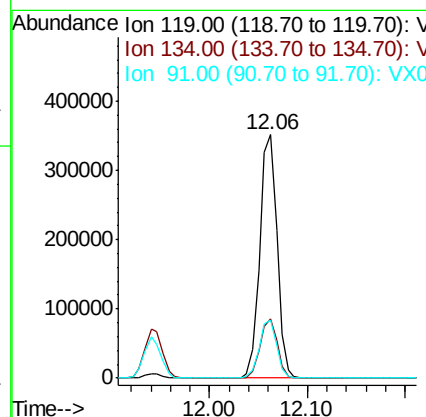
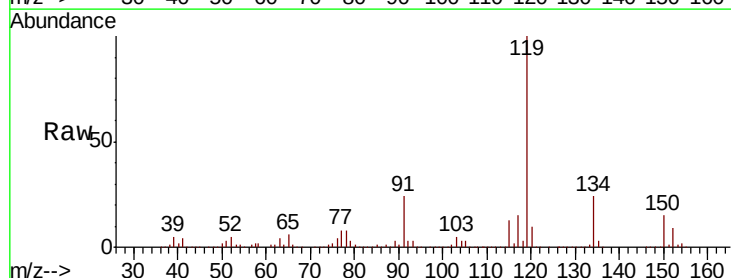
Manual Integrations
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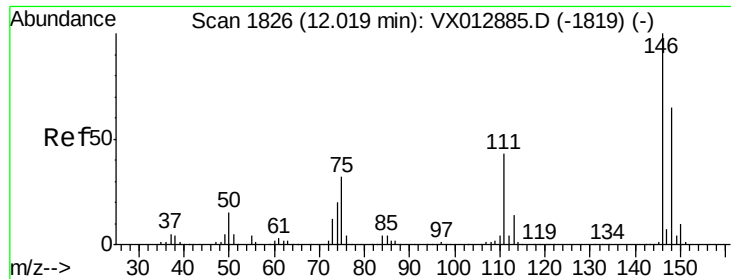
MMDadoda
 10/9/2019 10:40:27 AM



#86
 p-Isopropyltoluene
 Concen: 54.298 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion:119 Resp: 429826
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.751 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

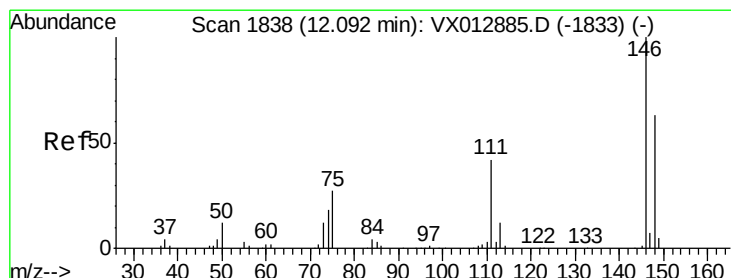
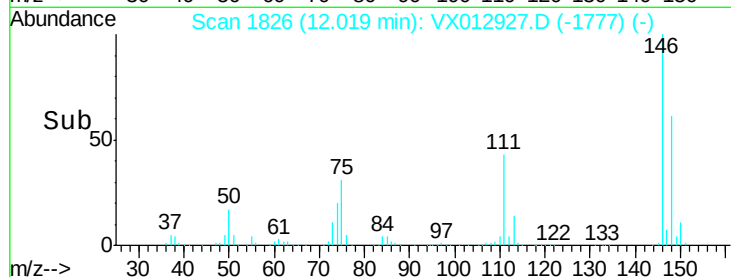
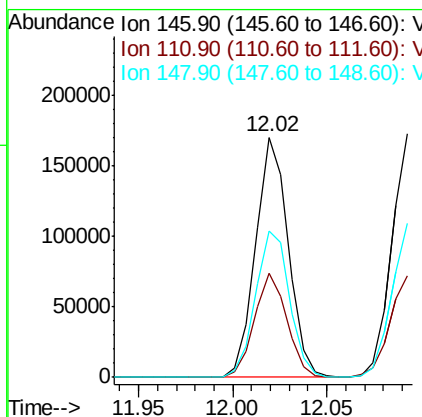
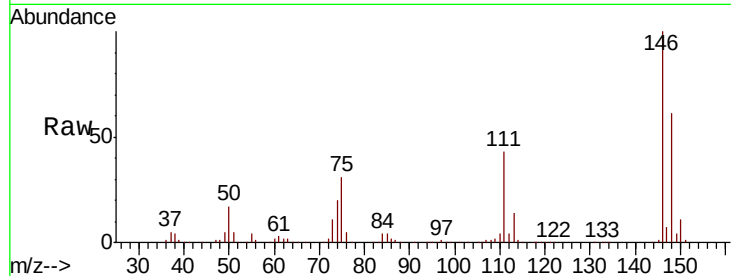
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	204832
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.1	63.4
148	63.4	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 51.281 ug/l

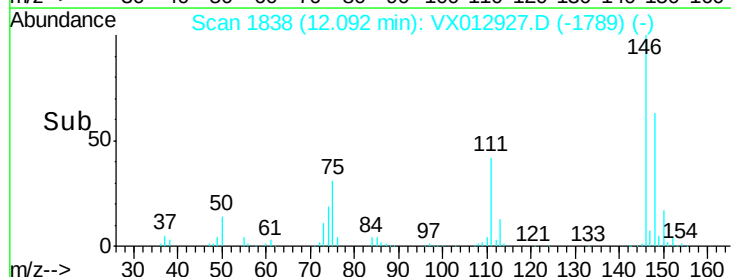
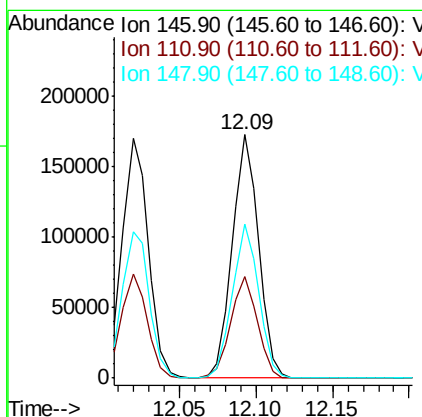
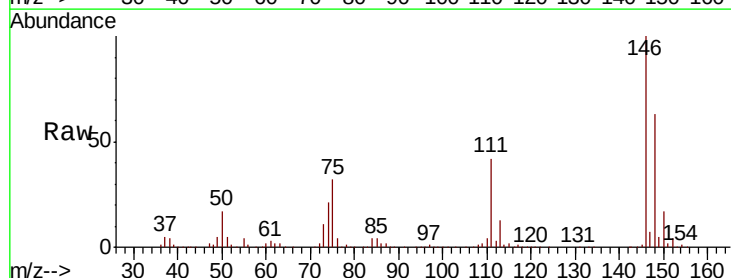
RT: 12.09 min Scan# 1838

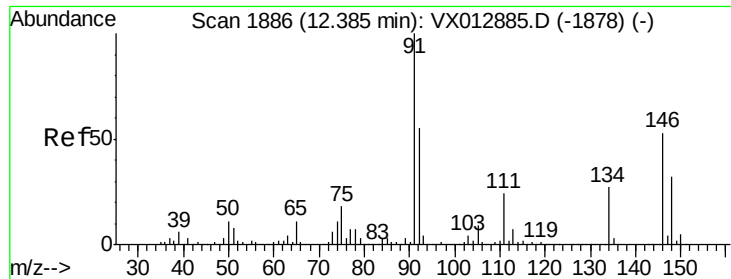
Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	146	Resp:	205560
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.4	64.3
148	63.5	32.1	96.5





#89

n-Butylbenzene

Concen: 53.652 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Instrument :

MSVOA_X

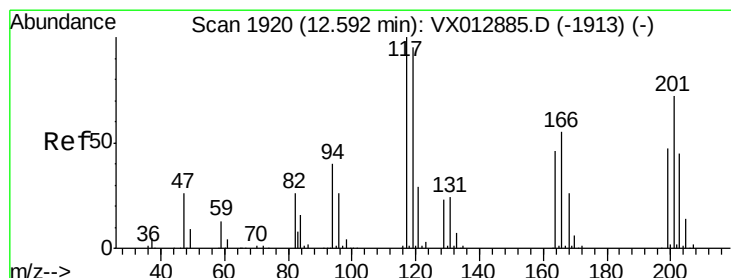
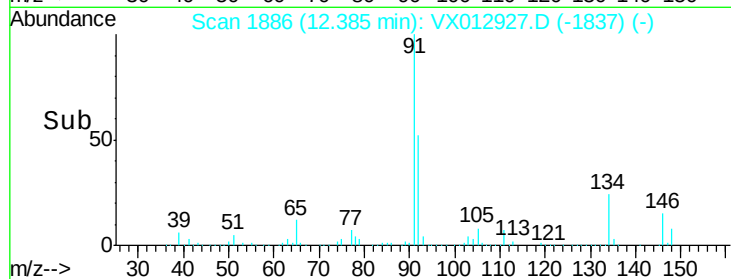
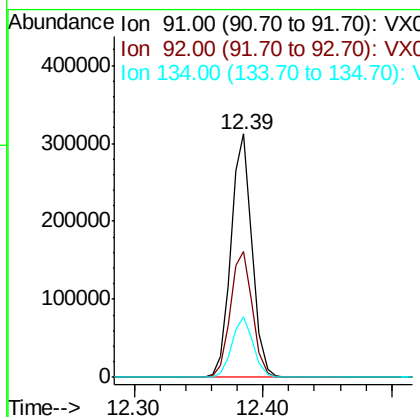
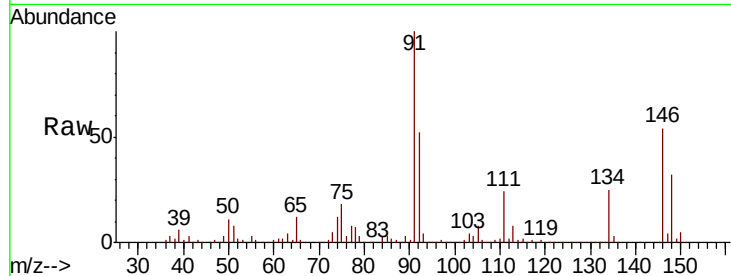
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	356954
Ion Ratio	Lower	Upper	
91	100		
92	54.0	27.5	82.5
134	24.8	12.9	38.7

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#90

Hexachloroethane

Concen: 50.365 ug/l

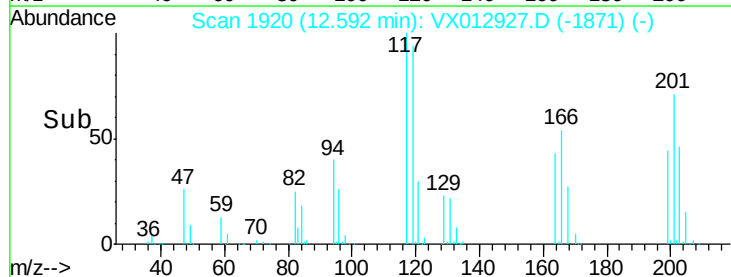
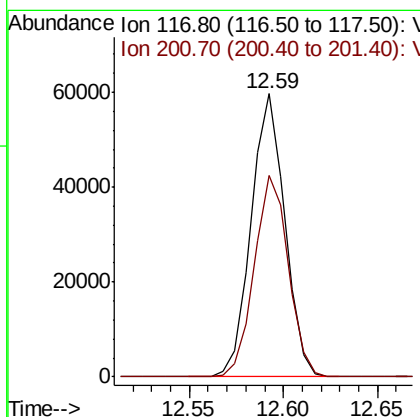
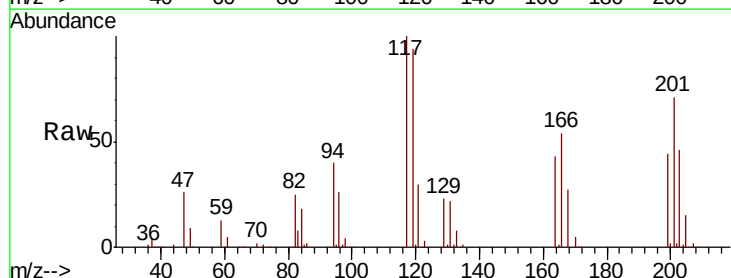
RT: 12.59 min Scan# 1920

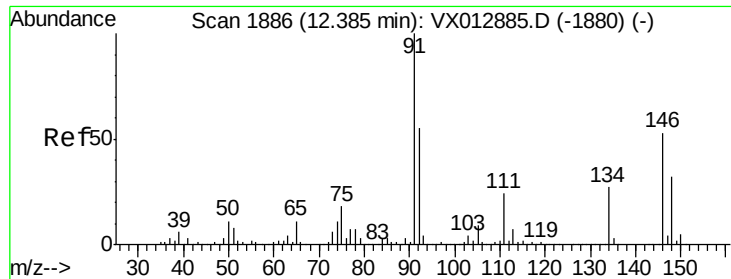
Delta R.T. 0.00 min

Lab File: VX012927.D

Acq: 09 Oct 2019 07:01

Tgt Ion:	117	Resp:	73867
Ion Ratio	Lower	Upper	
117	100		
201	72.1	36.9	110.7





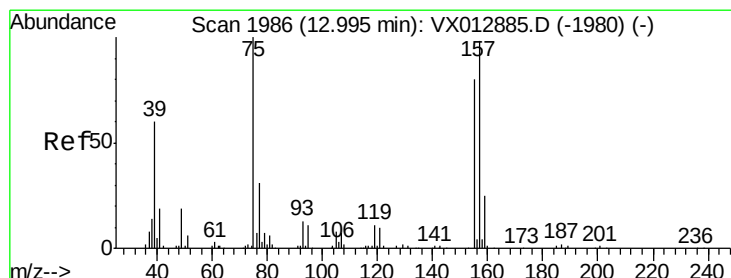
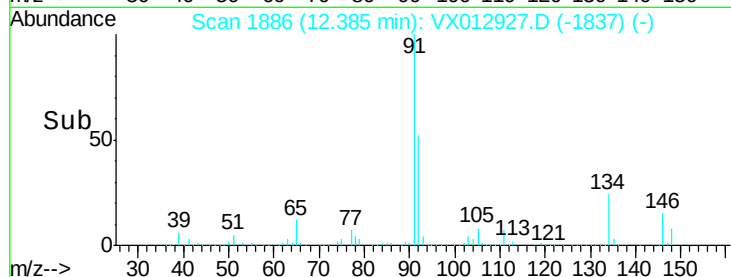
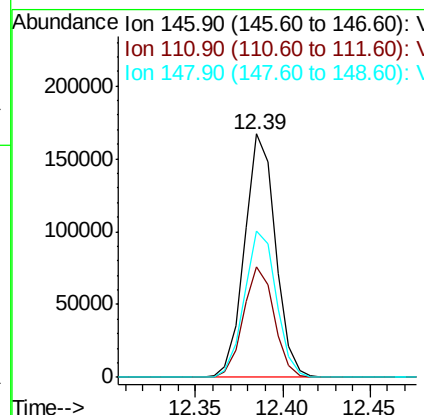
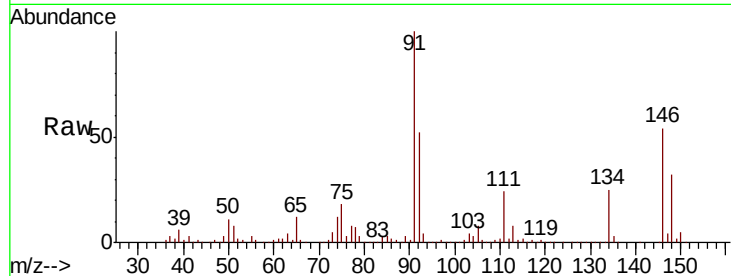
#91
1,2-Dichlorobenzene
Concen: 52.949 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.7	68.0
148	61.9	31.6	94.7

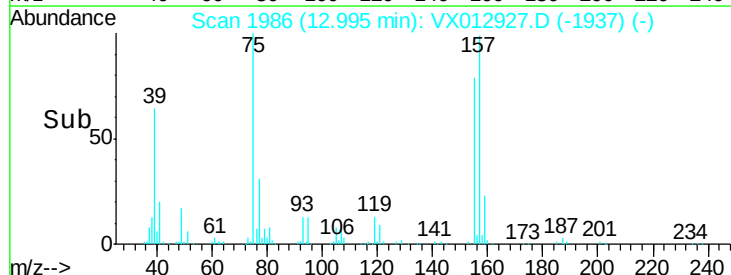
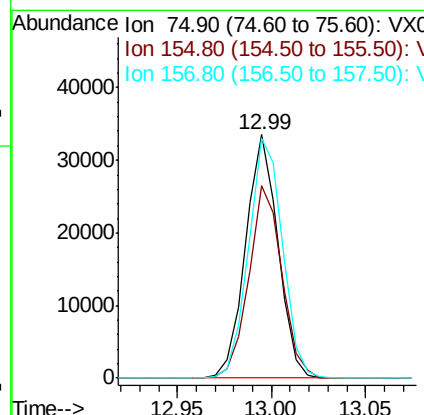
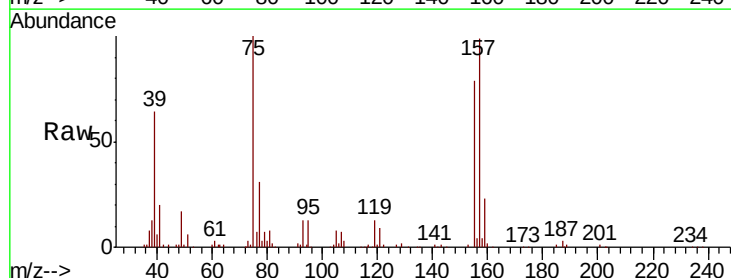
Manual Integrations
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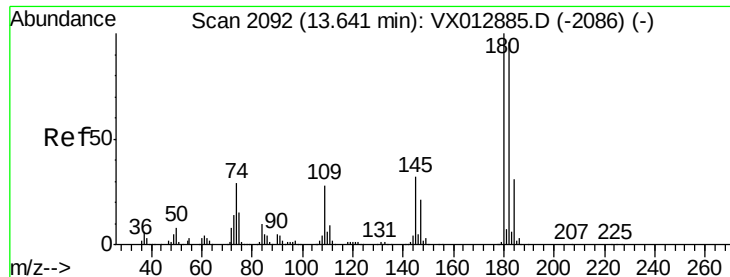
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 56.486 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	43.0	128.8
157	103.5	54.1	162.3





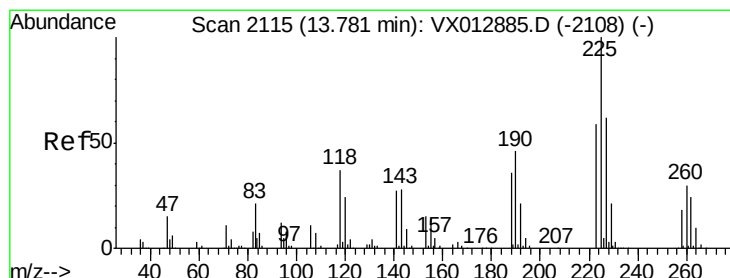
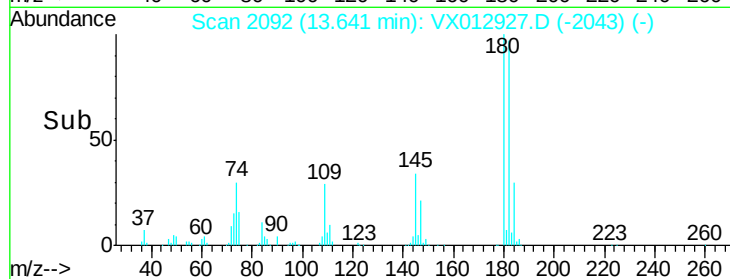
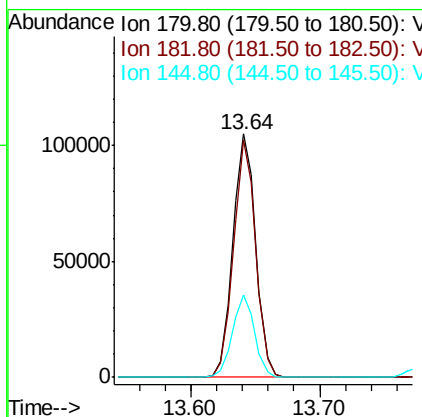
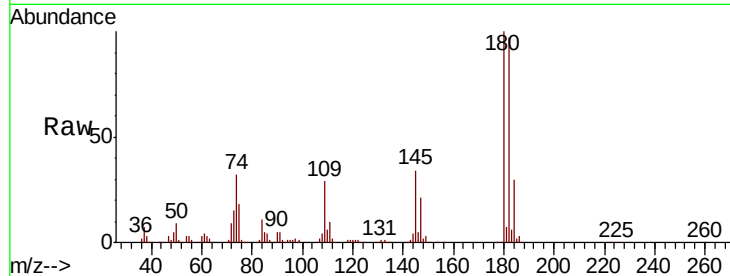
#93
 1,2,4-Trichlorobenzene
 Concen: 53.486 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	46.8	140.4
145	32.9	16.2	48.6

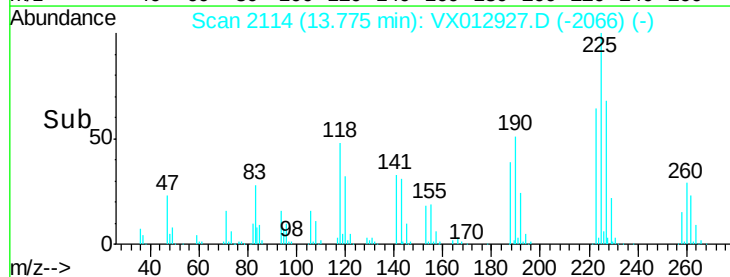
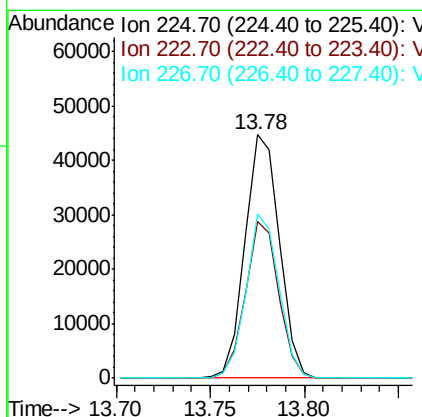
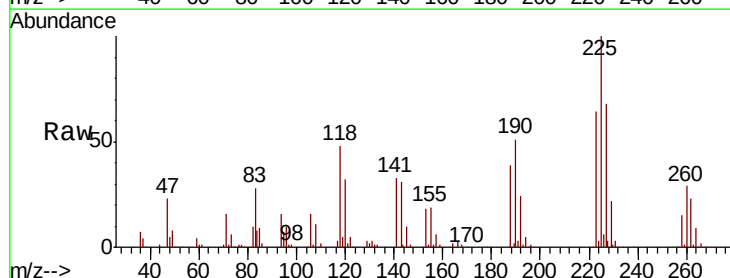
Manual Integrations
 APPROVED

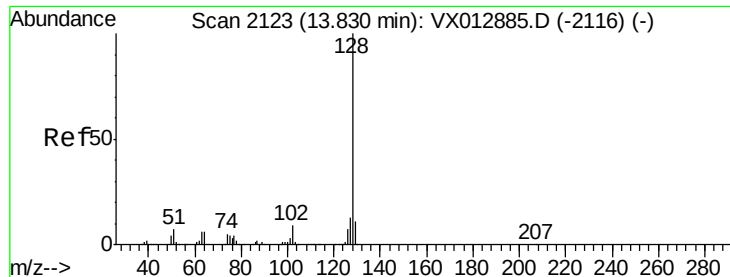
MMDadoda
 10/9/2019 10:40:27 AM



#94
 Hexachlorobutadiene
 Concen: 50.478 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012927.D
 Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	64.4	32.3	96.9





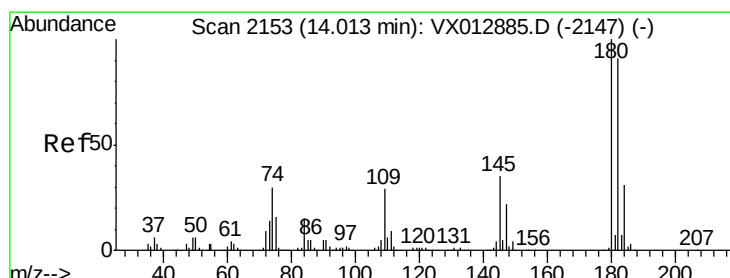
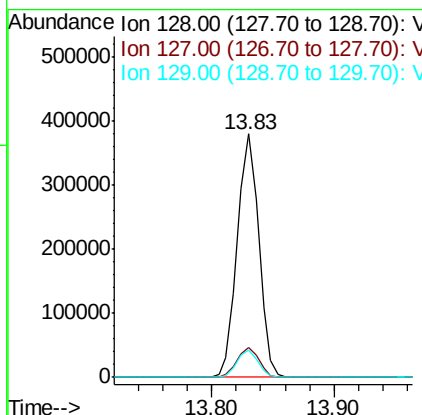
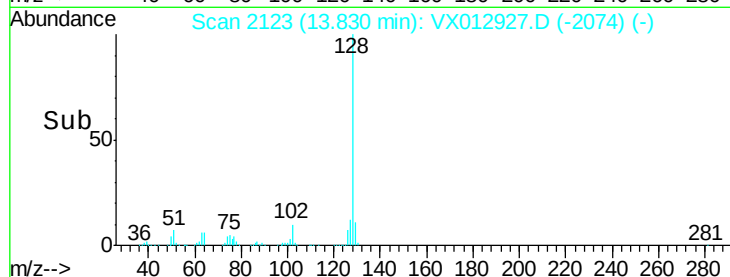
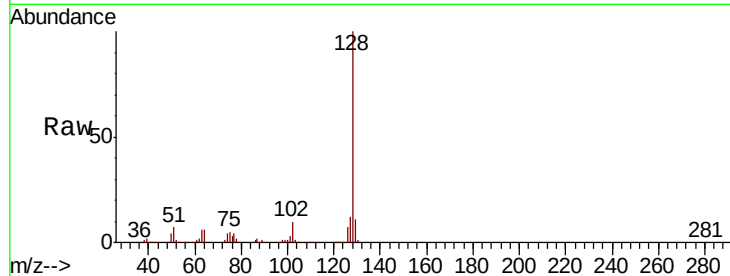
#95
Naphthalene
Concen: 54.837 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:40:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.822 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012927.D
Acq: 09 Oct 2019 07:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.5
145	34.7	17.4	52.3

