

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012854.D
 Acq On : 07 Oct 2019 21:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:06 PM

Quant Time: Oct 08 12:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138954	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	116786	42.50	ug/l	0.00
Spiked Amount			Recovery	=	85.00%	
35) Dibromofluoromethane	5.49	113	93438	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	8.71	98	343351	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.13	95	135466	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	74636	35.160	ug/l	98
3) Chloromethane	1.31	50	81179	33.304	ug/l	98
4) Vinyl Chloride	1.40	62	92051	37.994	ug/l	99
5) Bromomethane	1.62	94	31462	33.028	ug/l	97
6) Chloroethane	1.70	64	60549	37.072	ug/l	95
7) Trichlorofluoromethane	1.91	101	136049	39.995	ug/l	99
8) Diethyl Ether	2.18	74	57886	41.525	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89395	43.147	ug/l	97
10) Methyl Iodide	2.50	142	60891	30.087	ug/l	91
11) Tert butyl alcohol	3.04	59	157158	228.960	ug/l	98
12) 1,1-Dichloroethene	2.36	96	89870	44.298	ug/l	97
13) Acrolein	2.28	56	70238	186.407	ug/l	98
14) Allyl chloride	2.72	41	168525	41.869	ug/l	96
15) Acrylonitrile	3.13	53	305576	219.435	ug/l	99
16) Acetone	2.44	43	259071	178.005	ug/l	95
17) Carbon Disulfide	2.56	76	222575	39.134	ug/l	99
18) Methyl Acetate	2.76	43	153870	44.899	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	350164	45.600	ug/l	99
20) Methylene Chloride	2.84	84	107101	43.508	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	97530	43.393	ug/l	94
22) Diisopropyl ether	3.84	45	343031	44.105	ug/l	96
23) Vinyl Acetate	3.80	43	1470612	215.615	ug/l	97
24) 1,1-Dichloroethane	3.69	63	184779	43.707	ug/l	98
25) 2-Butanone	4.66	43	427412	204.812	ug/l	95
26) 2,2-Dichloropropane	4.57	77	140686	37.416	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	116023	44.489	ug/l	92
28) Bromochloromethane	5.00	49	68412	44.566	ug/l	95
29) Tetrahydrofuran	5.12	42	273218	214.804	ug/l	96
30) Chloroform	5.20	83	188639	43.613	ug/l	99
31) Cyclohexane	5.58	56	159859	41.797	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	164153	42.822	ug/l	98
36) 1,1-Dichloropropene	5.79	75	137148	43.350	ug/l	98
37) Ethyl Acetate	4.82	43	161915	43.776	ug/l	97
38) Carbon Tetrachloride	5.78	117	138376	43.057	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162600	42.692	ug/l	94
40) Benzene	6.13	78	417508	44.852	ug/l	98
41) Methacrylonitrile	5.03	41	92211	44.434	ug/l	95
42) 1,2-Dichloroethane	6.18	62	152333	43.095	ug/l	99
43) Isopropyl Acetate	6.43	43	270123	43.671	ug/l	96
44) Trichloroethene	7.20	130	108151	45.447	ug/l	97
45) 1,2-Dichloropropane	7.51	63	110443	46.342	ug/l	100
46) Dibromomethane	7.65	93	73174	45.096	ug/l	99
47) Bromodichloromethane	7.89	83	146341	45.125	ug/l	100
48) Methyl methacrylate	7.76	41	133297	44.943	ug/l	91
49) 1,4-Dioxane	7.73	88	59687	887.254	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	845123	221.342	ug/l	96
52) Toluene	8.78	92	266067	45.477	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164716	45.906	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	178798	45.639	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	109461	47.060	ug/l	96
56) Ethyl methacrylate	9.17	69	184904	47.318	ug/l	90
57) 1,3-Dichloropropane	9.37	76	185728	45.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	416196	237.276	ug/l	100
59) 2-Hexanone	9.49	43	652495	223.260	ug/l	93
60) Dibromochloromethane	9.58	129	114448	48.606	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113649	46.948	ug/l	98
64) Tetrachloroethene	9.33	164	95186	47.134	ug/l	93
65) Chlorobenzene	10.14	112	281700	46.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104272	47.183	ug/l	97
67) Ethyl Benzene	10.25	91	516802	46.716	ug/l	99
68) m/p-Xylenes	10.35	106	380349	91.781	ug/l	100
69) o-Xylene	10.70	106	188141	46.919	ug/l	100
70) Styrene	10.71	104	329727	49.050	ug/l	98
71) Bromoform	10.85	173	80210	52.125	ug/l	100
73) Isopropylbenzene	11.01	105	508180	44.903	ug/l	100
74) N-amyl acetate	10.89	43	241940	44.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	175761	46.893	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164262m	44.689	ug/l	
77) Bromobenzene	11.25	156	115945	45.266	ug/l	99
78) n-propylbenzene	11.35	91	561197	44.045	ug/l	100
79) 2-Chlorotoluene	11.42	91	348245	43.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	432581	45.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51502	40.154	ug/l	92
82) 4-Chlorotoluene	11.51	91	401553	44.318	ug/l	98
83) tert-Butylbenzene	11.76	119	417062	45.556	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	436622	45.606	ug/l	99
85) sec-Butylbenzene	11.94	105	483153	45.374	ug/l	99
86) p-Isopropyltoluene	12.06	119	445672	46.386	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216900	47.054	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	217217	46.634	ug/l	100
89) n-Butylbenzene	12.39	91	380807	44.978	ug/l	99
90) Hexachloroethane	12.59	117	75605	44.138	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	218944	47.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44191	47.133	ug/l	99

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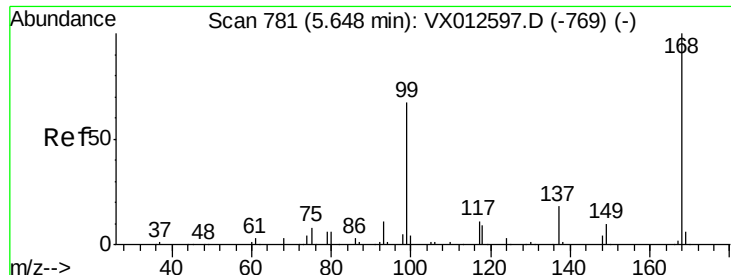
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	137178	48.742	ug/l	99
94) Hexachlorobutadiene	13.78	225	58976	48.710	ug/l	98
95) Naphthalene	13.83	128	493110	48.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140528	49.846	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. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 188692

Ion Ratio Lower Upper

168 100

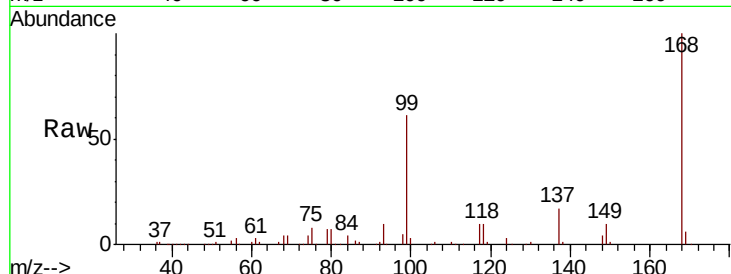
99 60.7 51.4 77.2

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

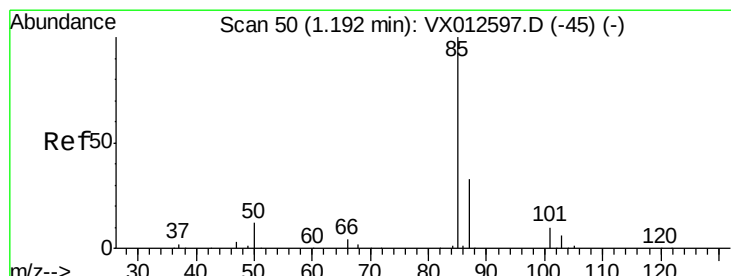
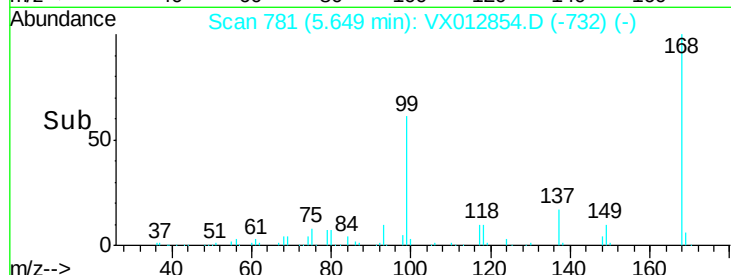
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 35.160 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012854.D

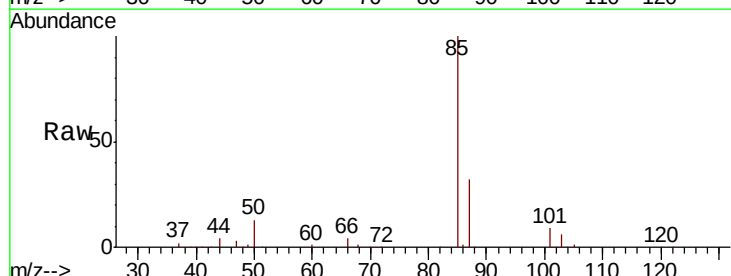
Acq: 07 Oct 2019 21:27

Tgt Ion: 85 Resp: 74636

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

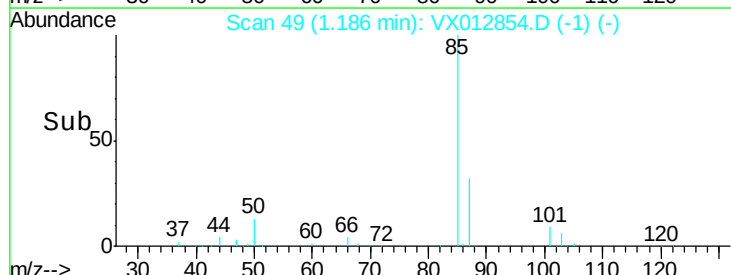
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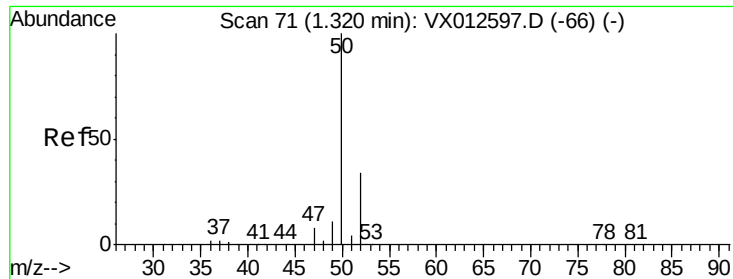
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 33.304 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 81179

Ion Ratio Lower Upper

50 100

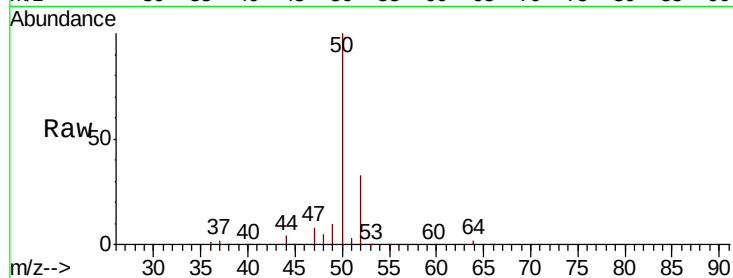
52 33.0 25.7 38.5

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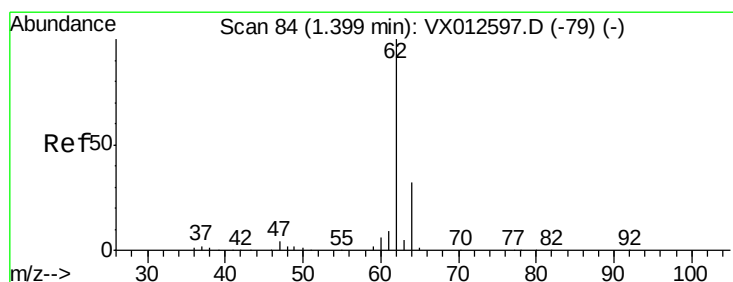
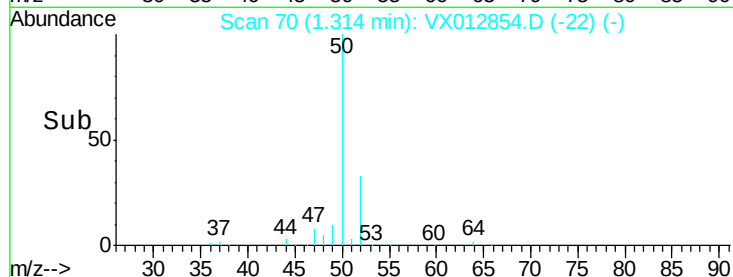
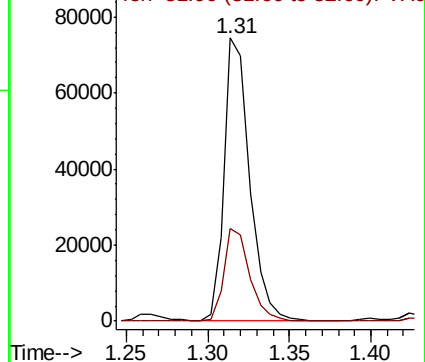
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 37.994 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012854.D

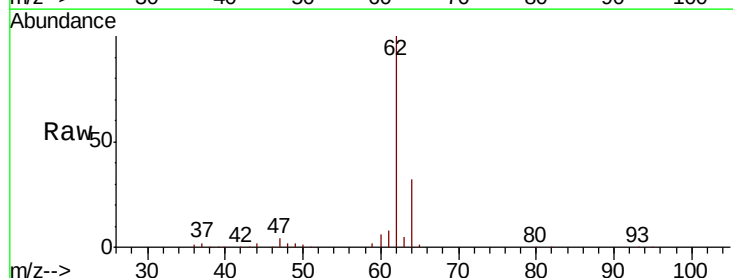
Acq: 07 Oct 2019 21:27

Tgt Ion: 62 Resp: 92051

Ion Ratio Lower Upper

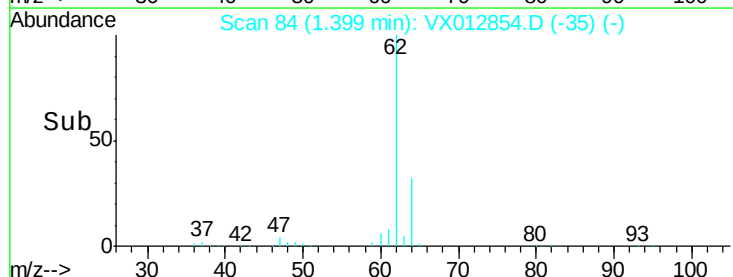
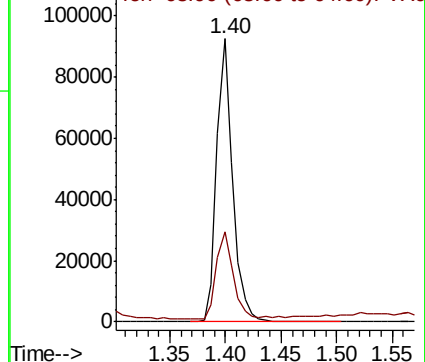
62 100

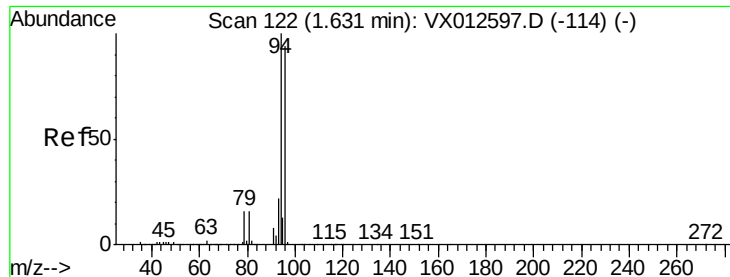
64 30.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 33.028 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 31462

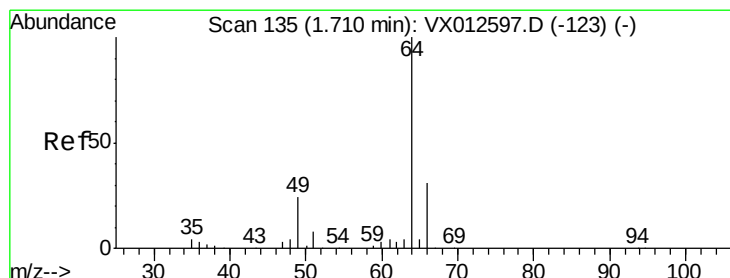
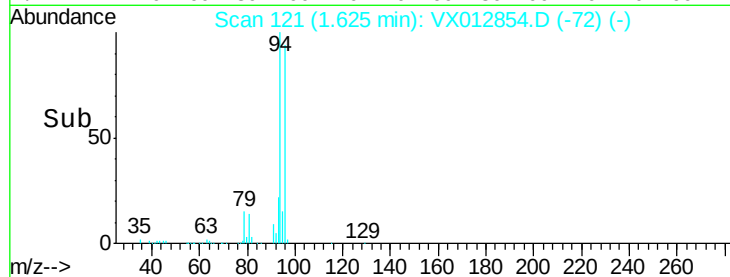
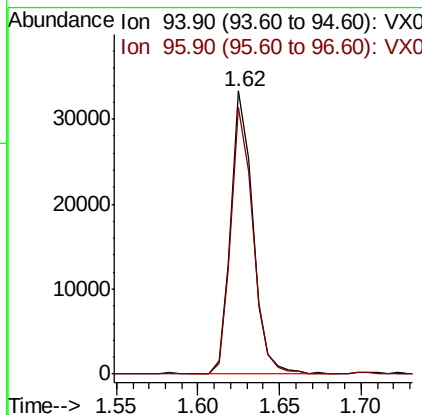
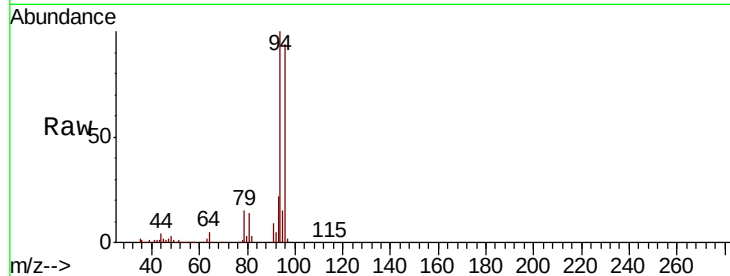
Ion Ratio Lower Upper

94 100

96 94.0 72.8 109.2

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#6

Chloroethane

Concen: 37.072 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012854.D

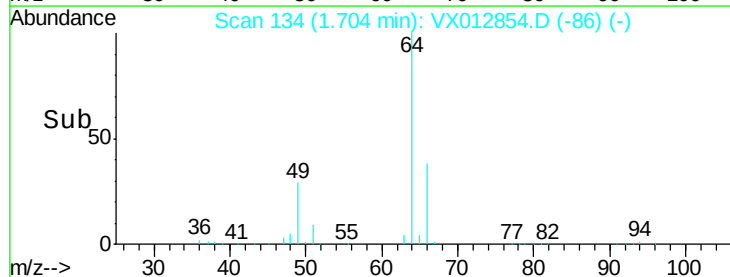
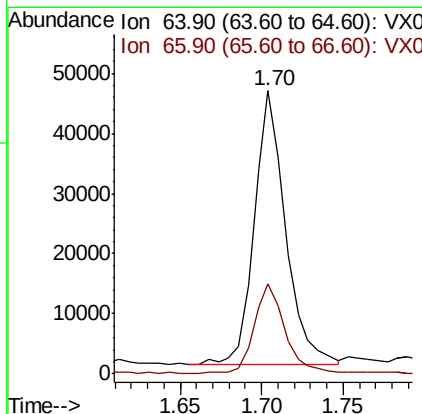
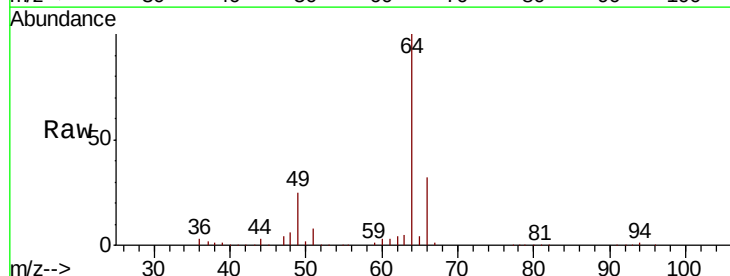
Acq: 07 Oct 2019 21:27

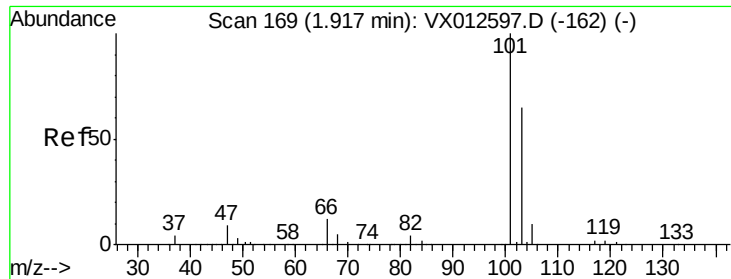
Tgt Ion: 64 Resp: 60549

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0





#7

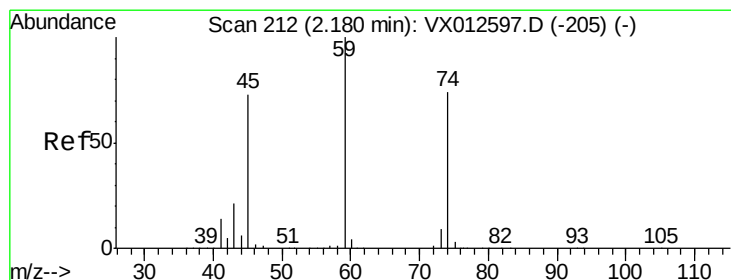
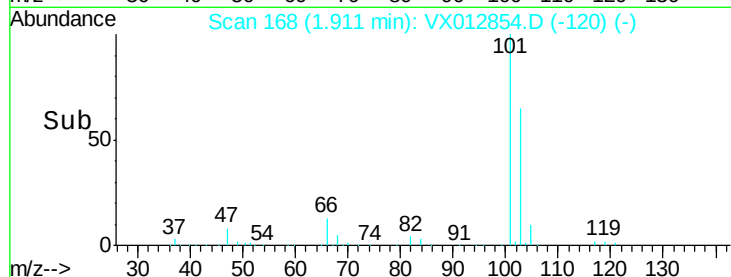
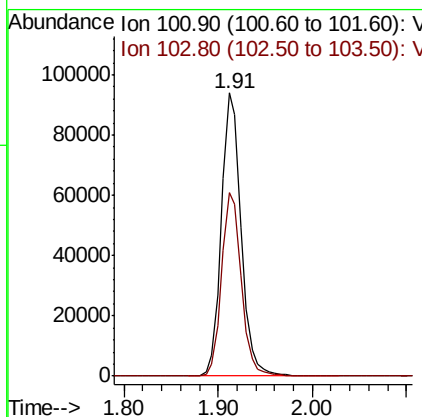
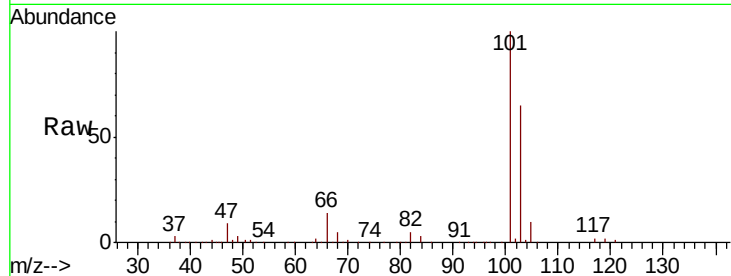
Trichlorofluoromethane
Concen: 39.995 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 136049
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

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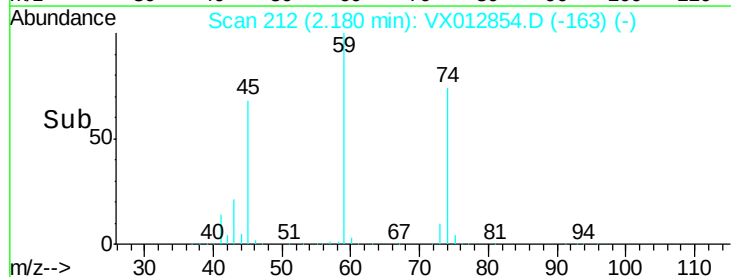
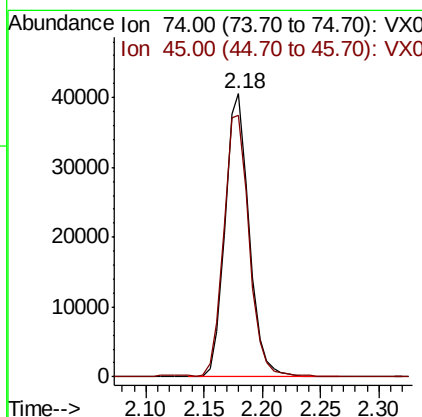
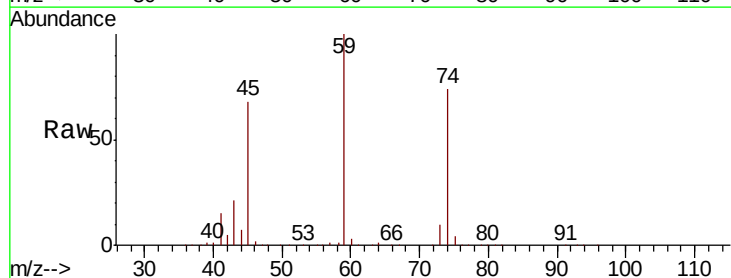
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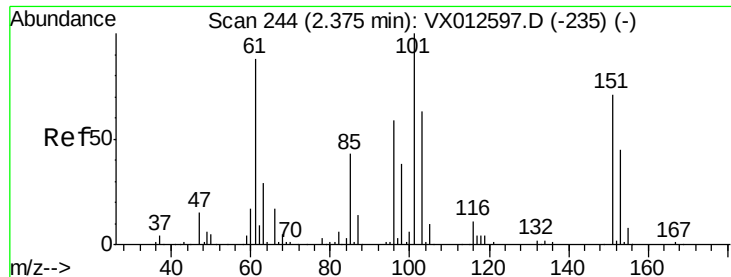


#8

Diethyl Ether
Concen: 41.525 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 74 Resp: 57886
Ion Ratio Lower Upper
74 100
45 97.0 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.147 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

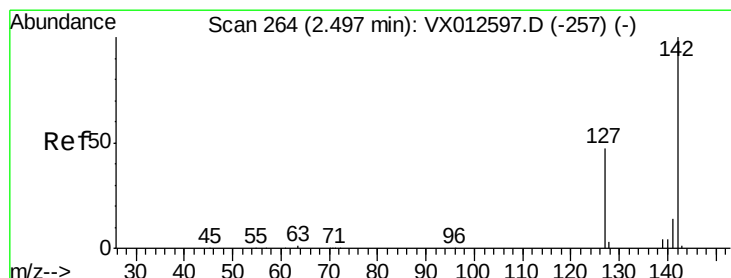
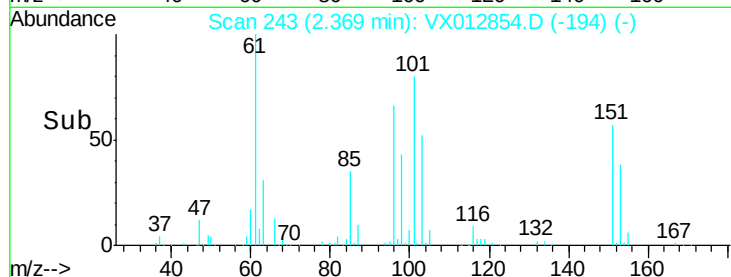
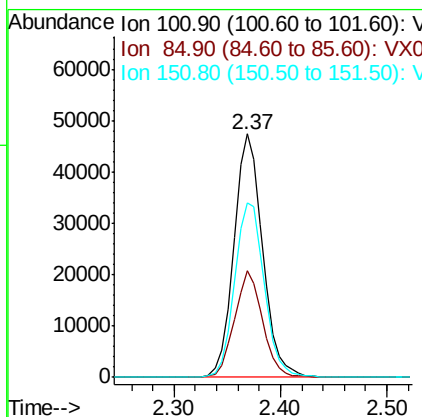
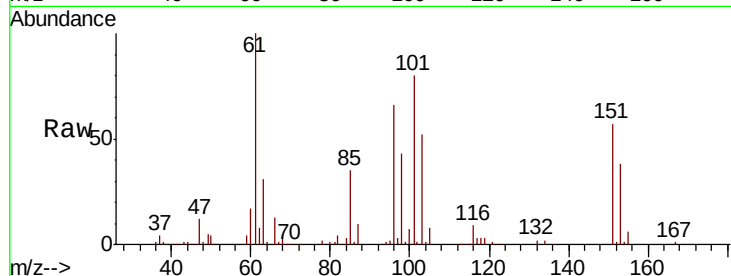
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	89395
Ion Ratio	Lower	Upper	
101	100		
85	43.0	37.3	55.9
151	74.5	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 30.087 ug/l

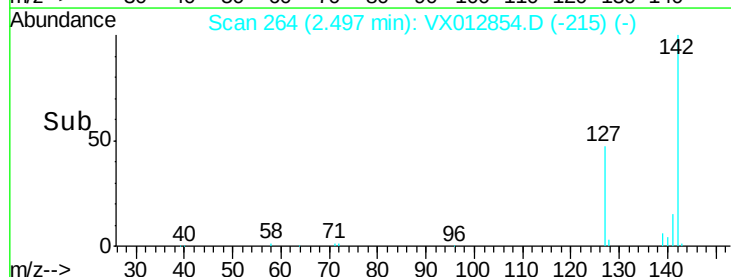
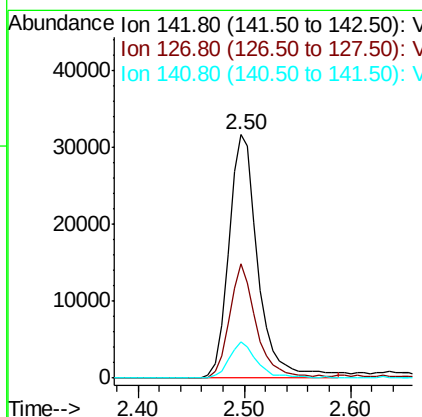
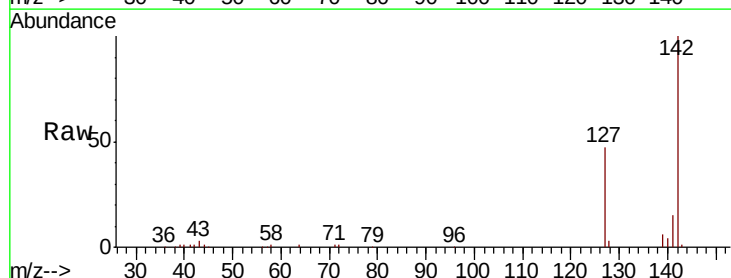
RT: 2.50 min Scan# 264

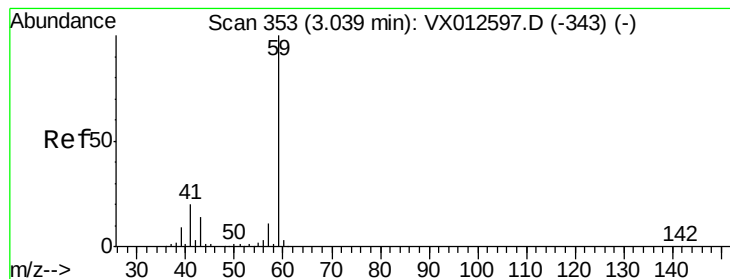
Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion:	142	Resp:	60891
Ion Ratio	Lower	Upper	
142	100		
127	43.4	40.8	61.2
141	14.6	12.1	18.1





#11

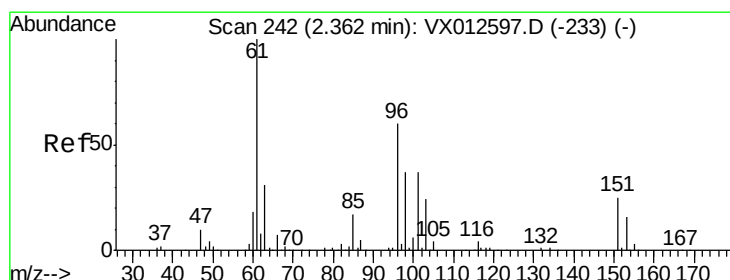
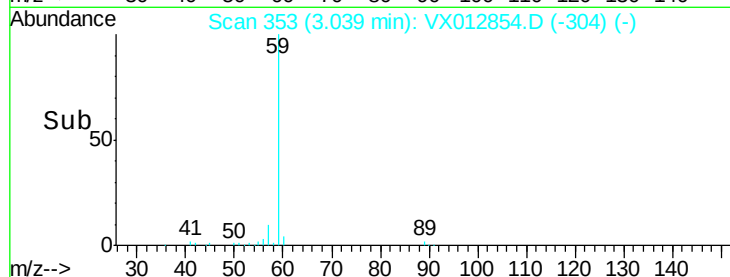
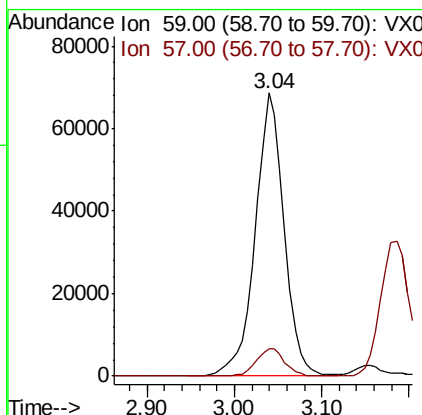
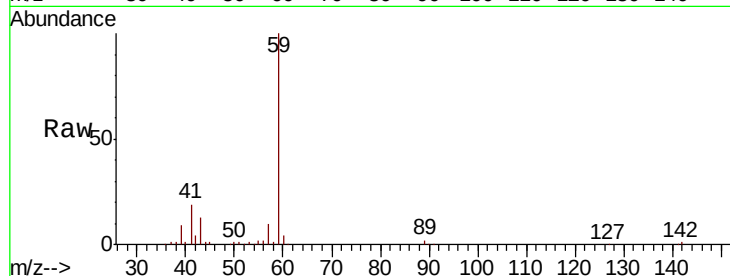
Tert butyl alcohol
 Concen: 228.960 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	157158		
57	9.6		8.3	12.5

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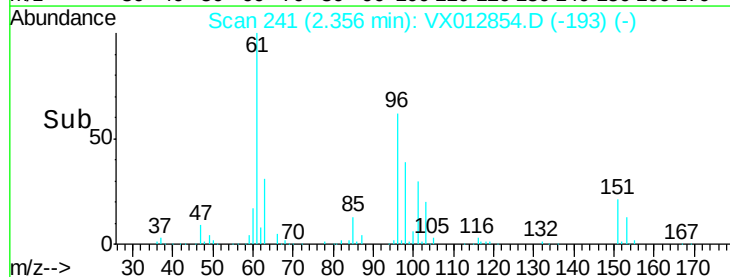
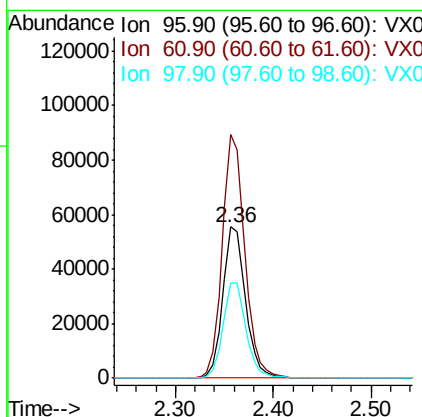
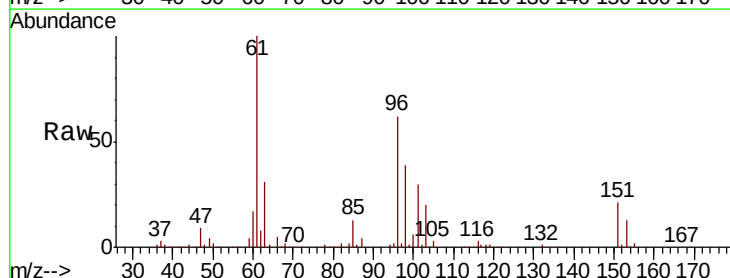
MMDadoda
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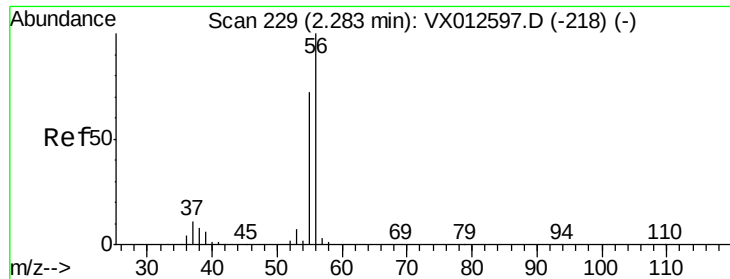


#12

1,1-Dichloroethene
 Concen: 44.298 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	89870		
61	161.2		133.8	200.6
98	62.7		49.9	74.9





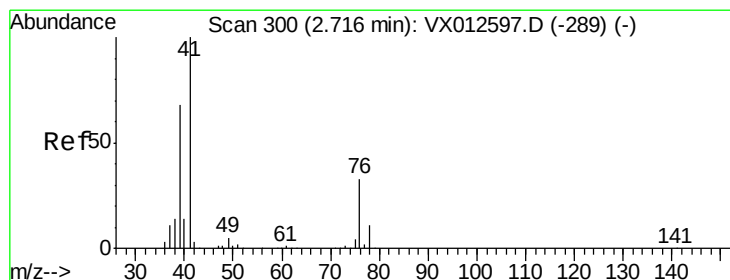
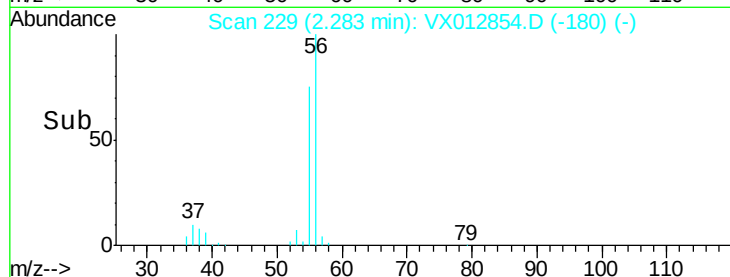
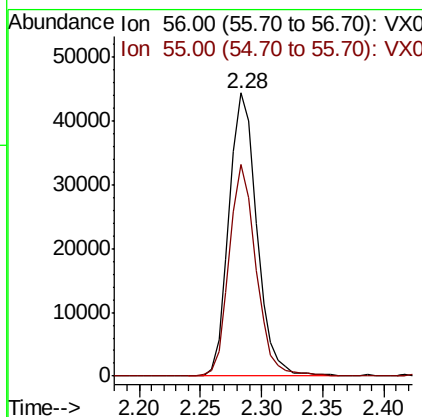
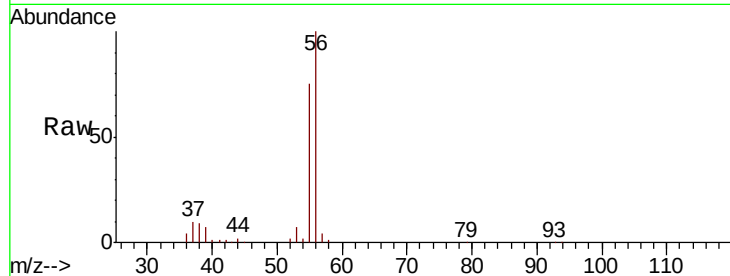
#13
Acrolein
Concen: 186.407 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	55.8	83.8

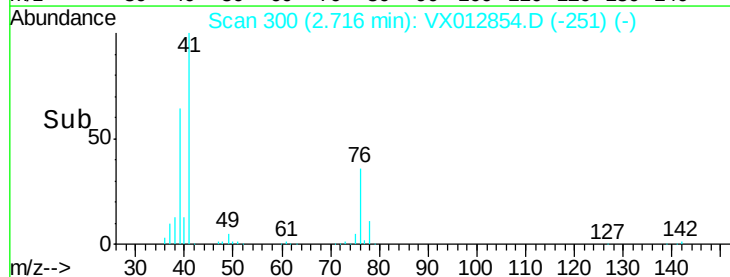
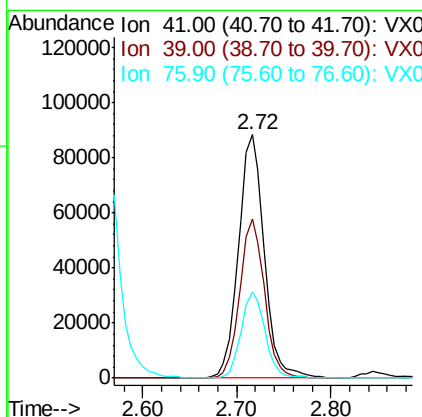
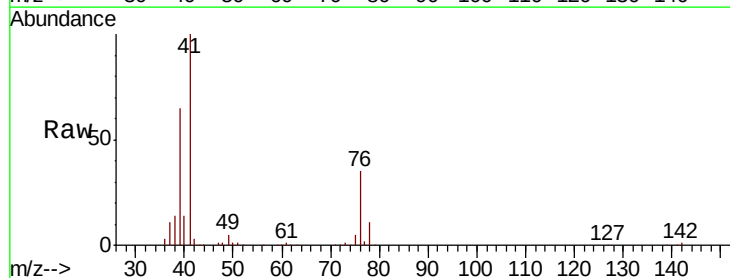
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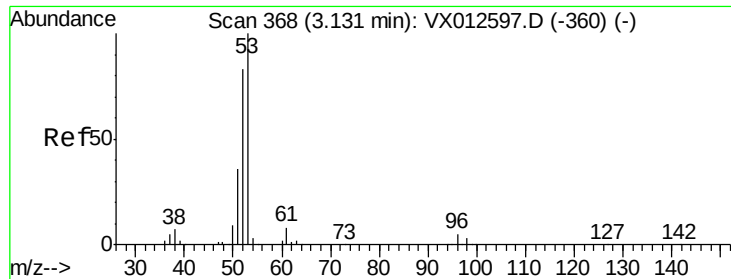
MMDadoda
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#14
Allyl chloride
Concen: 41.869 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.5	51.3	76.9
76	33.2	22.6	33.8





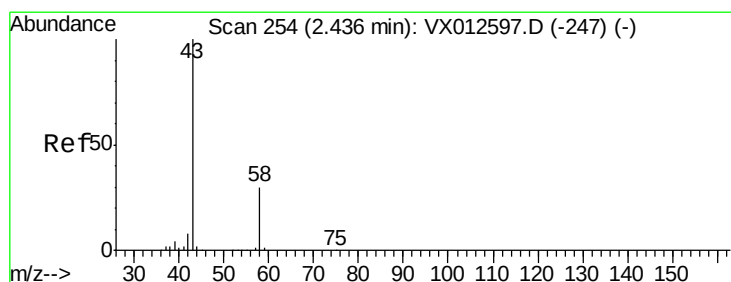
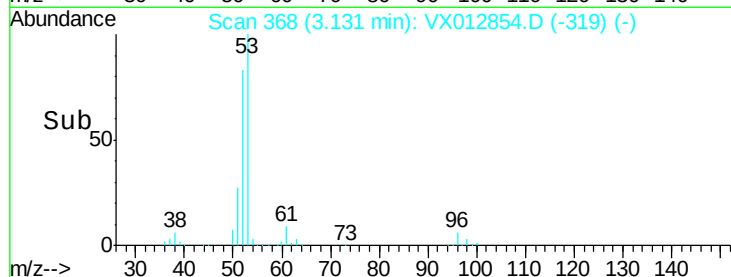
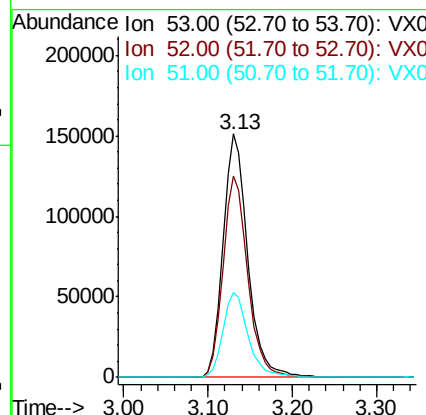
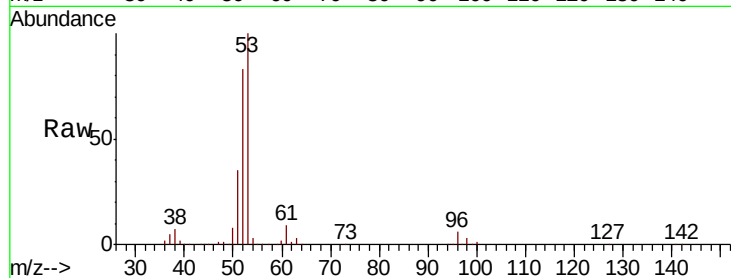
#15
 Acrylonitrile
 Concen: 219.435 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.0	100.4
51	35.9	29.6	44.4

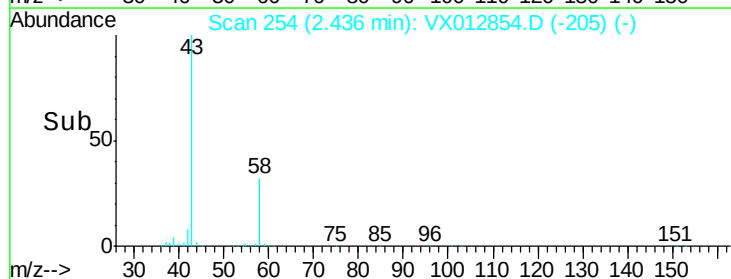
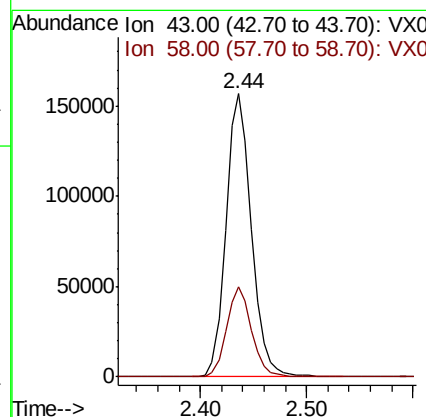
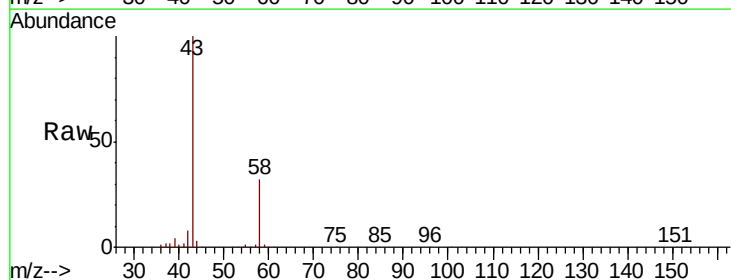
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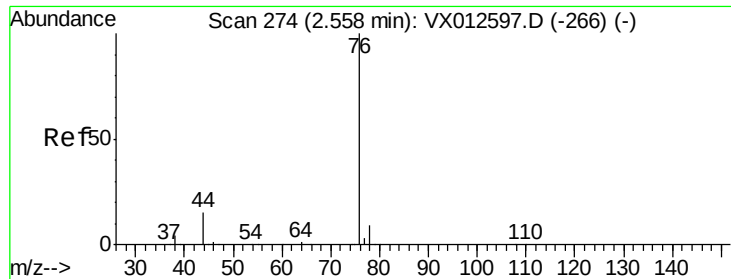
MMDadoda
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#16
 Acetone
 Concen: 178.005 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.3	34.9





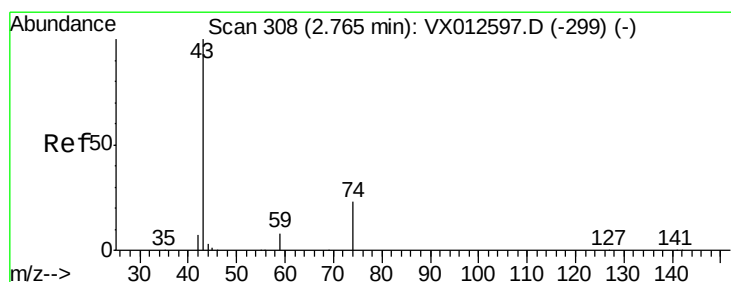
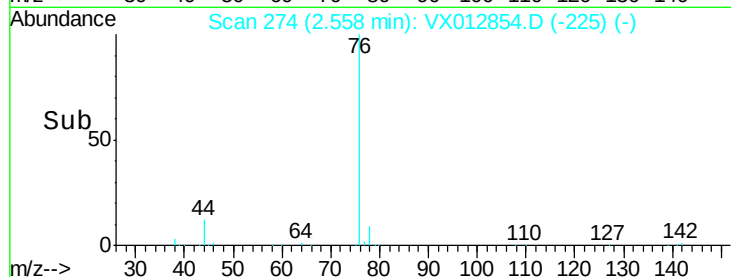
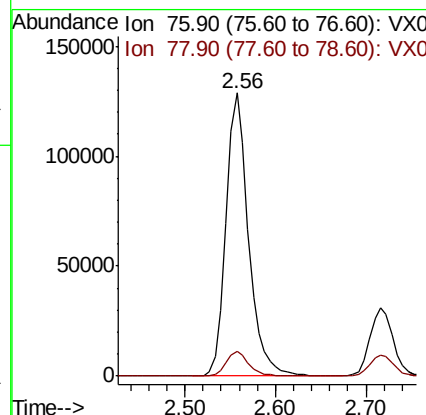
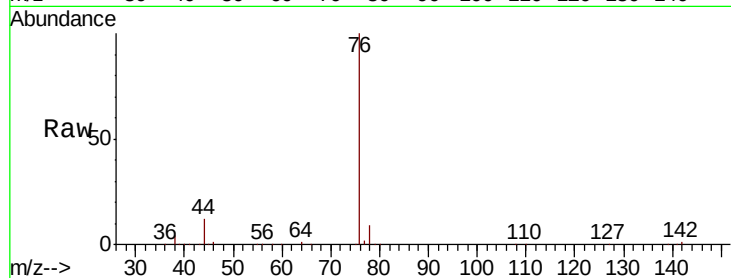
#17
Carbon Disulfide
Concen: 39.134 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

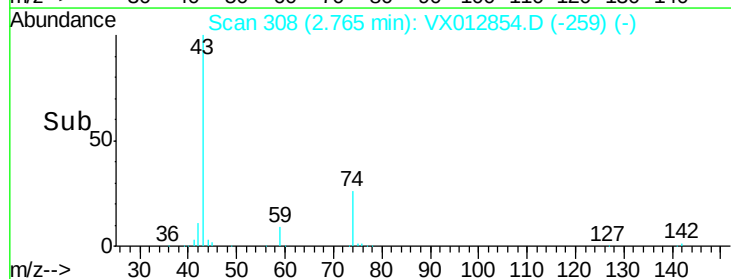
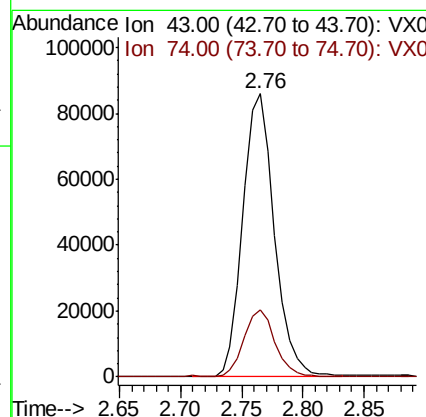
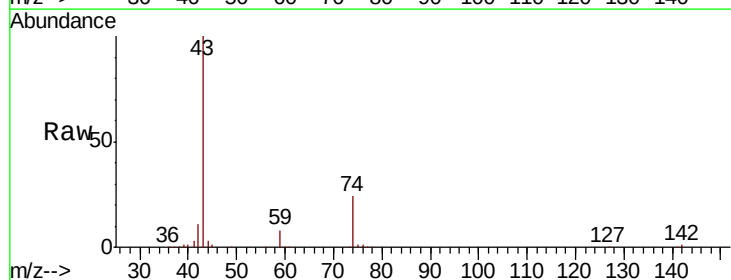
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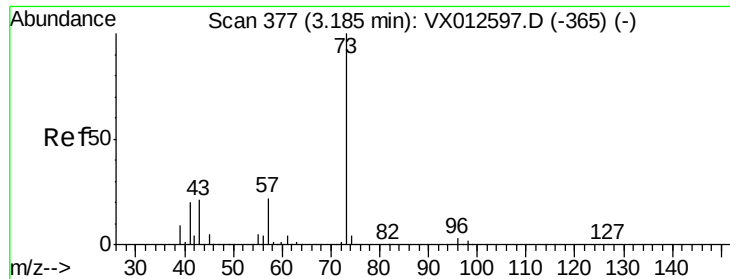
MMDadoda
10/8/2019 2:07:06 PM



#18
Methyl Acetate
Concen: 44.899 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	17.7	26.5





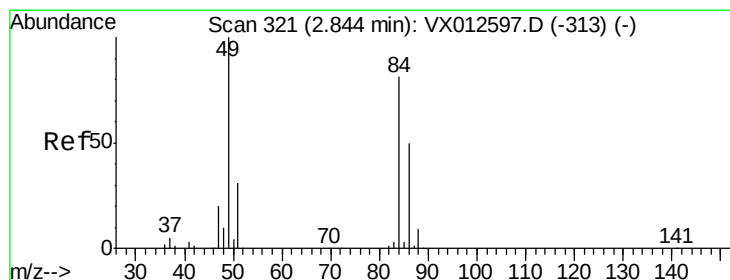
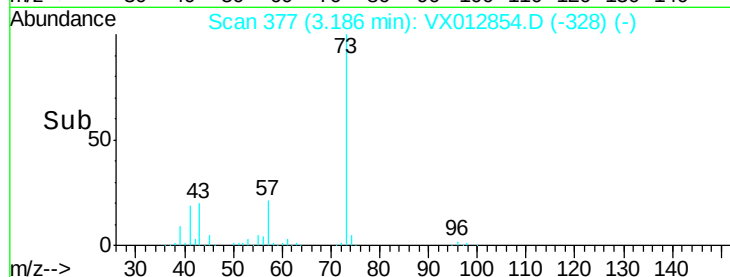
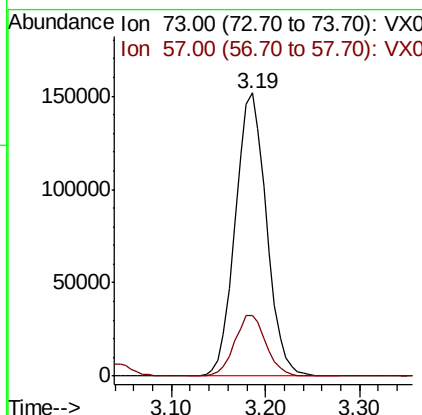
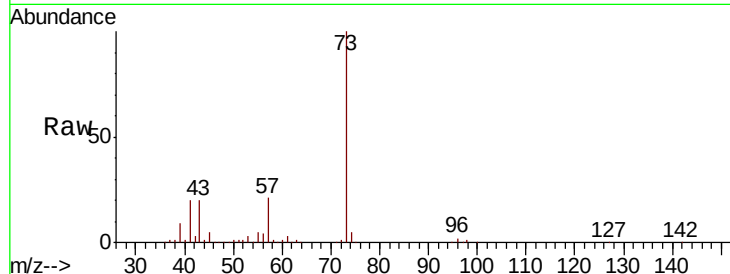
#19
Methyl tert-butyl Ether
Concen: 45.600 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

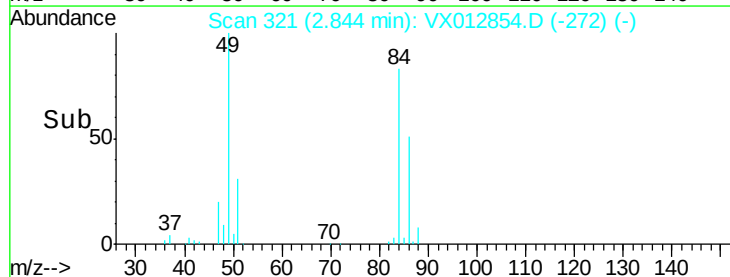
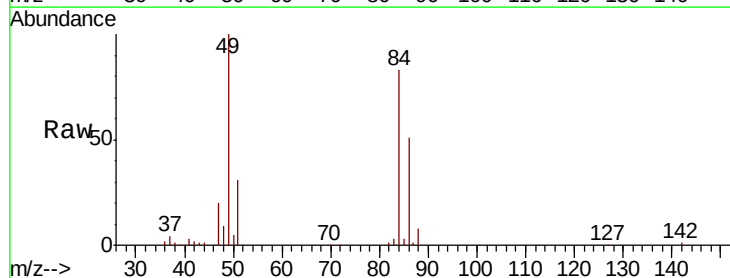
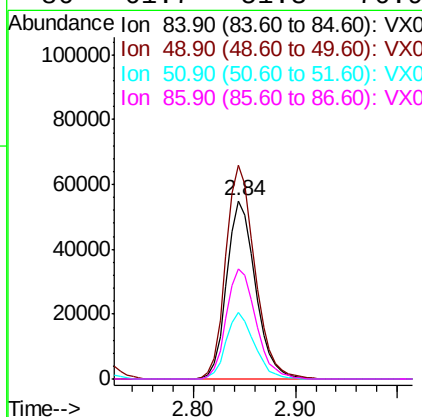
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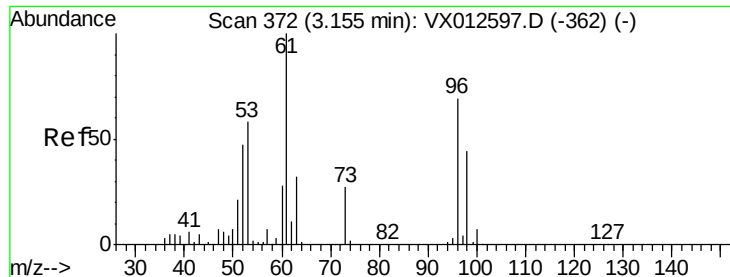
MMDadoda
10/8/2019 2:07:06 PM



#20
Methylene Chloride
Concen: 43.508 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	106.8	160.2
51	37.8	32.3	48.5
86	61.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 43.393 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

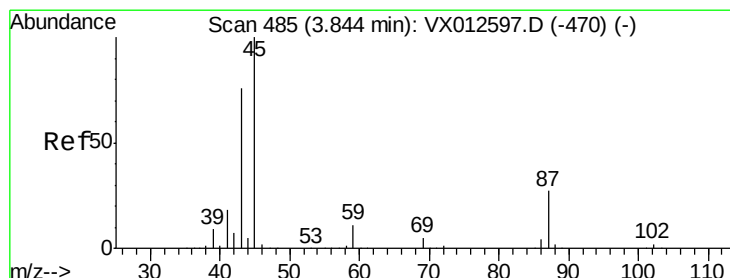
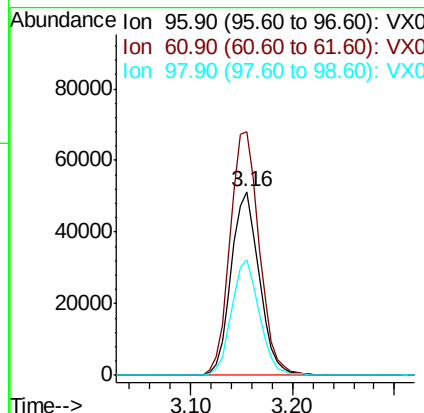
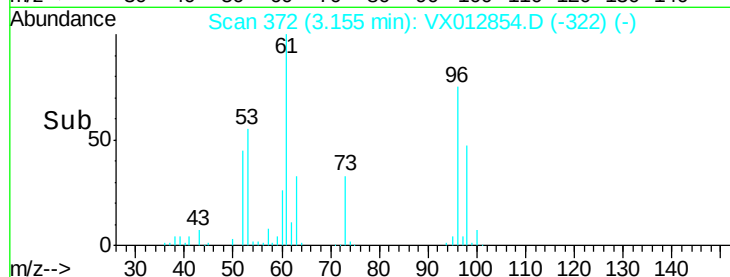
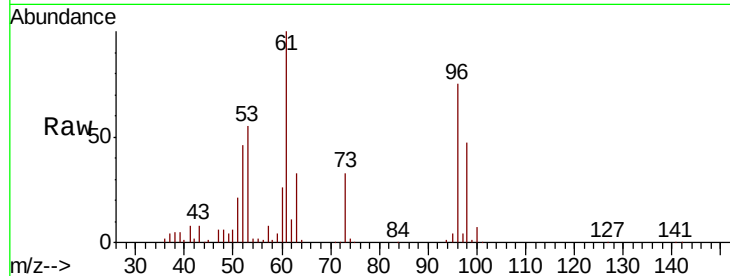
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	97530
Ion	Ratio	Lower	Upper
96	100		
61	132.6	112.0	168.0
98	62.9	47.8	71.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.105 ug/l

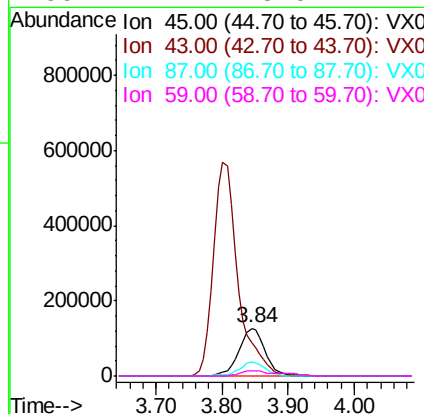
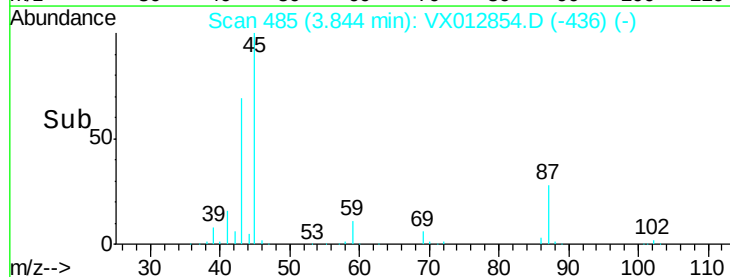
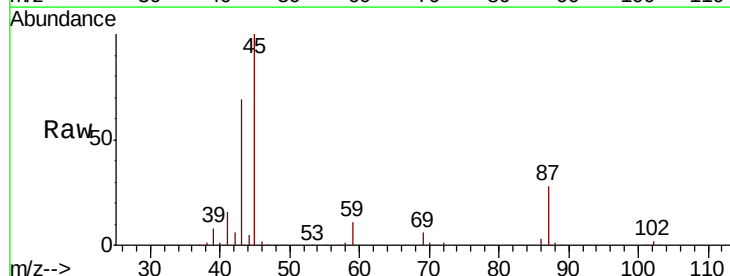
RT: 3.84 min Scan# 485

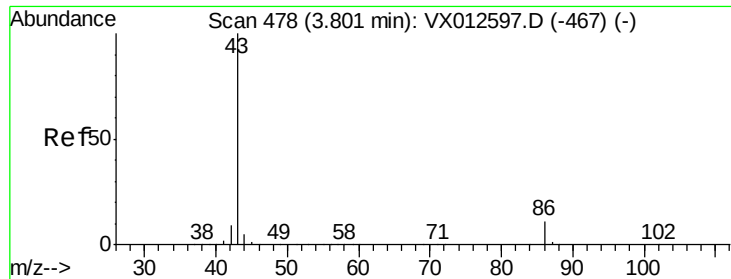
Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion:	45	Resp:	343031
Ion	Ratio	Lower	Upper
45	100		
43	68.6	57.8	86.8
87	28.4	21.3	31.9
59	11.2	8.5	12.7





#23

Vinyl Acetate

Concen: 215.615 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1470612

Ion Ratio Lower Upper

43 100

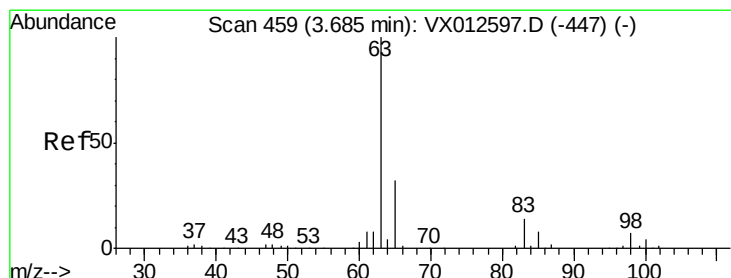
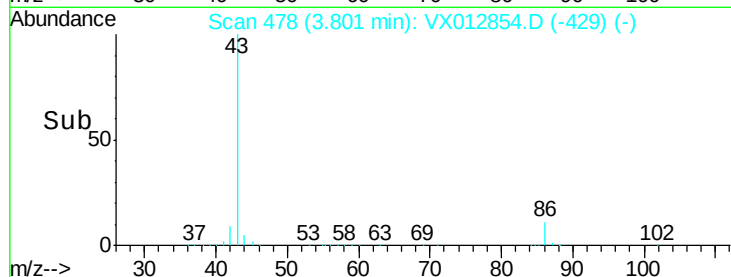
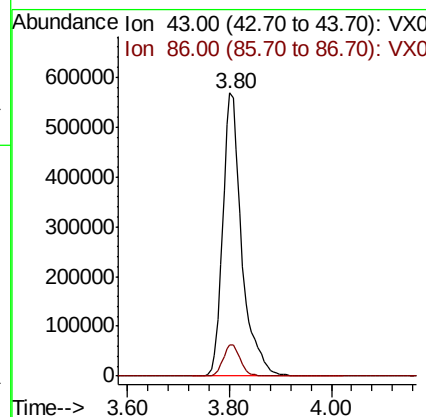
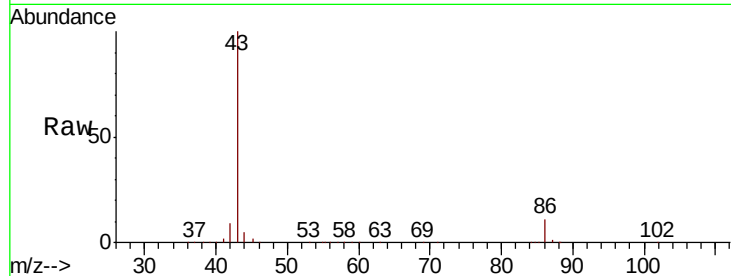
86 10.9 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 43.707 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

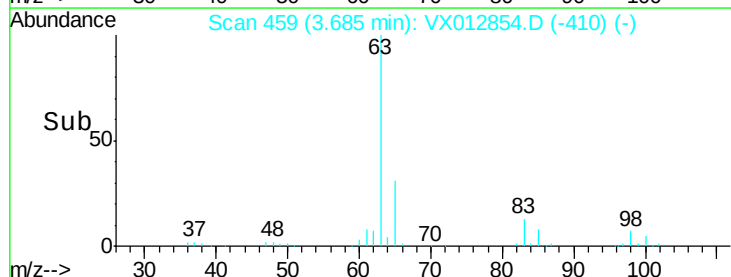
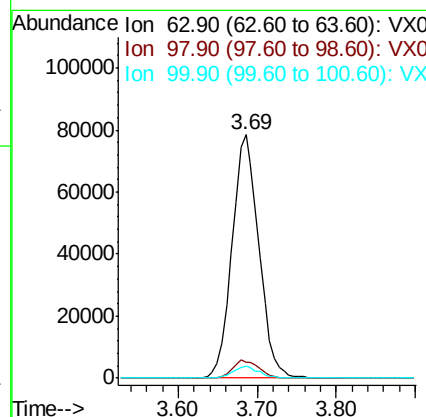
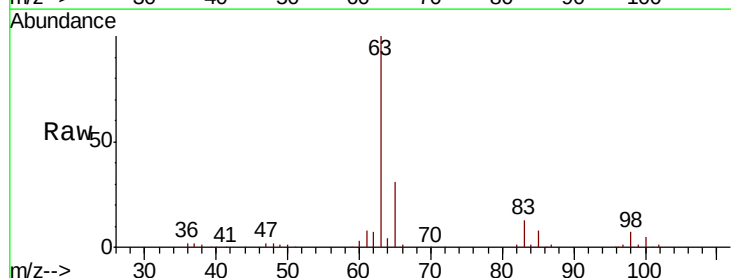
Tgt Ion: 63 Resp: 184779

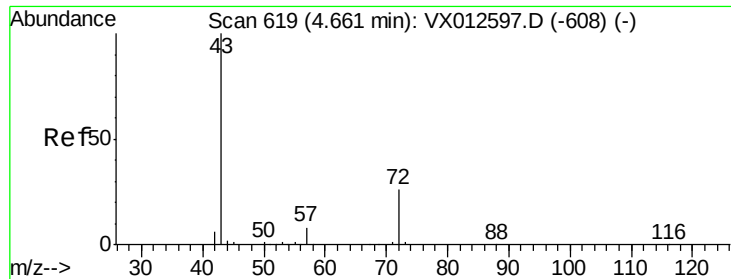
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.9 2.3 6.9





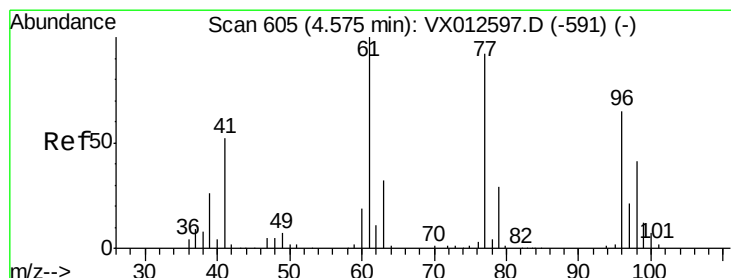
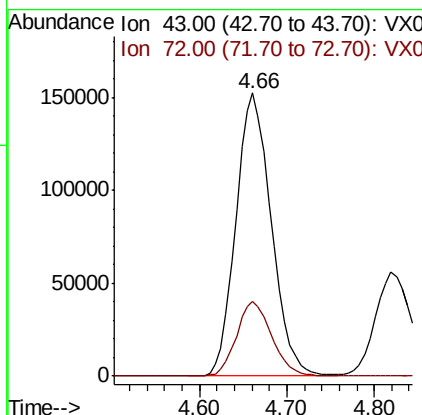
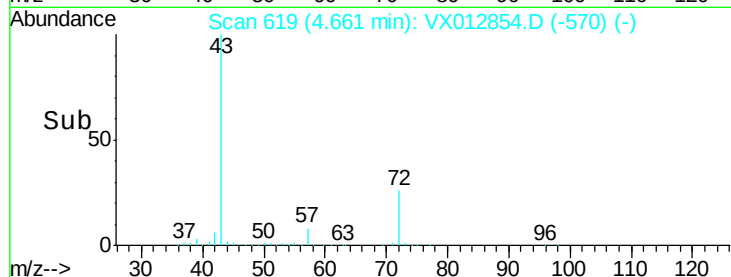
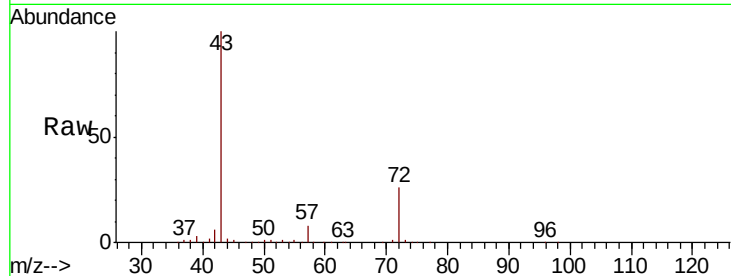
#25
2-Butanone
Concen: 204.812 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 427412
Ion Ratio Lower Upper
43 100
72 26.2 19.2 28.8

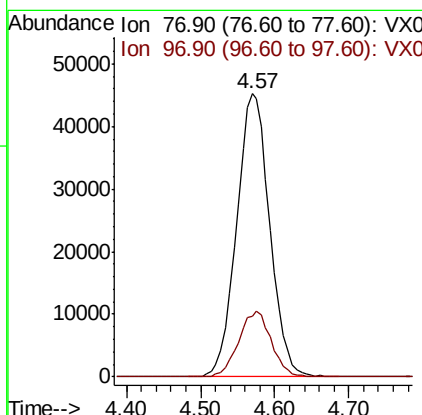
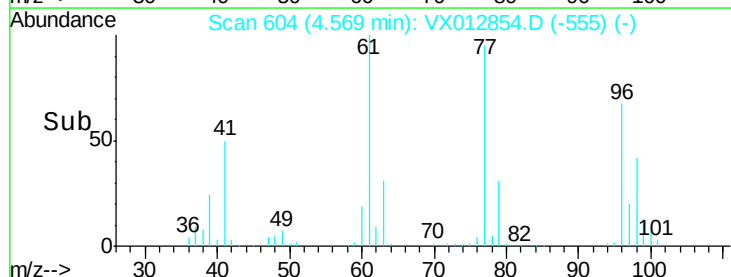
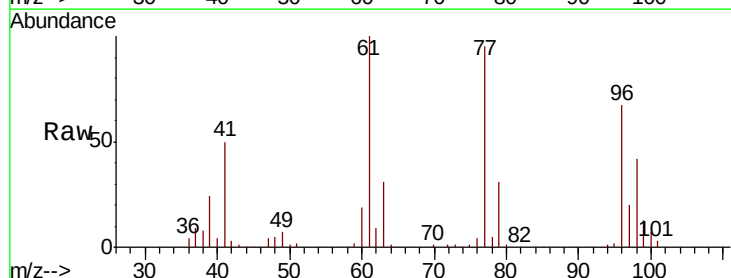
Manual Integrations
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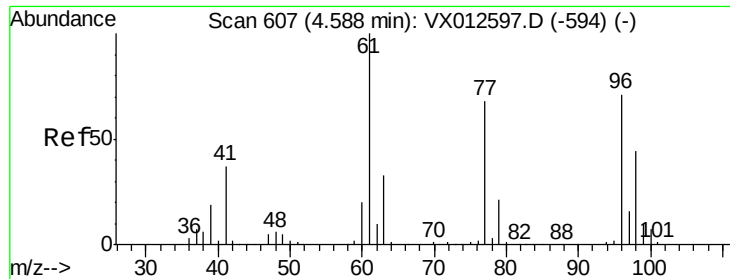
MMDadoda
10/8/2019 2:07:06 PM



#26
2,2-Dichloropropane
Concen: 37.416 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 77 Resp: 140686
Ion Ratio Lower Upper
77 100
97 22.9 10.5 31.6





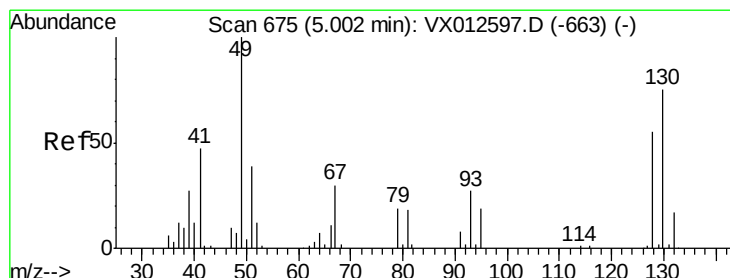
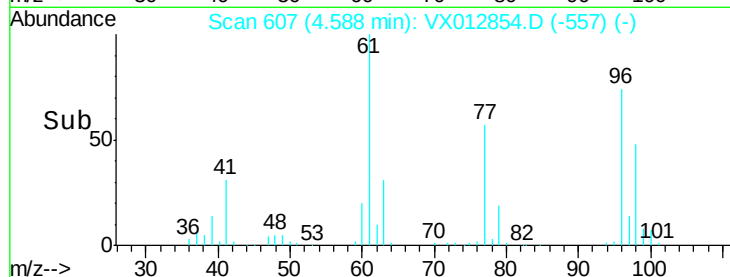
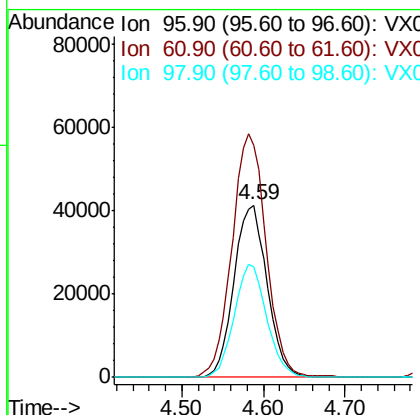
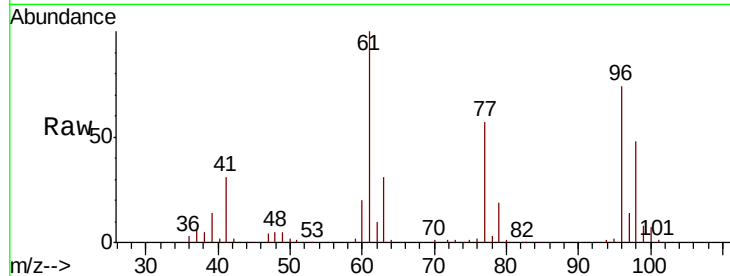
#27
 cis-1,2-Dichloroethene
 Concen: 44.489 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.1	0.0	319.4	
98	64.5	0.0	130.6	

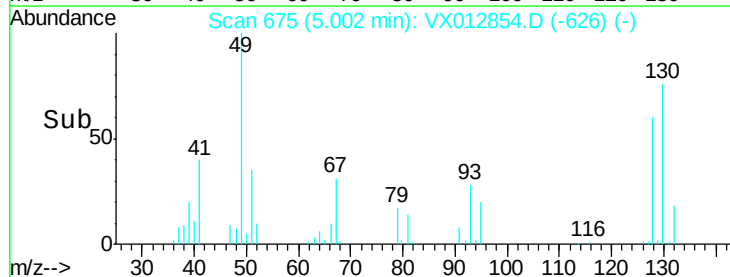
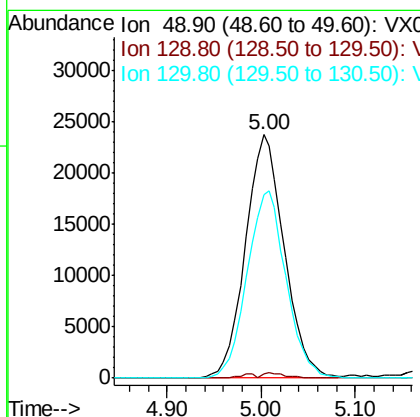
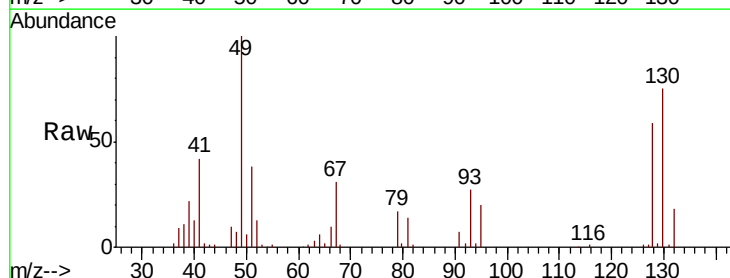
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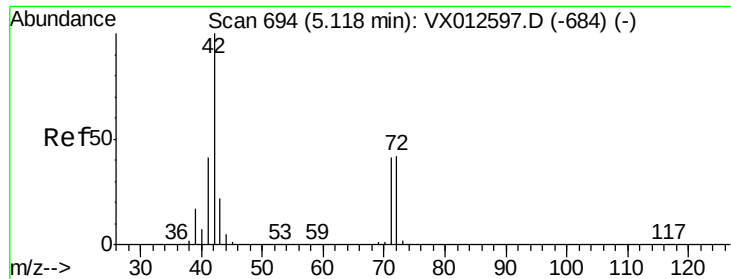
MMDadoda
 10/8/2019 2:07:06 PM



#28
 Bromochloromethane
 Concen: 44.566 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	3.8	
130	77.2	58.2	87.4	





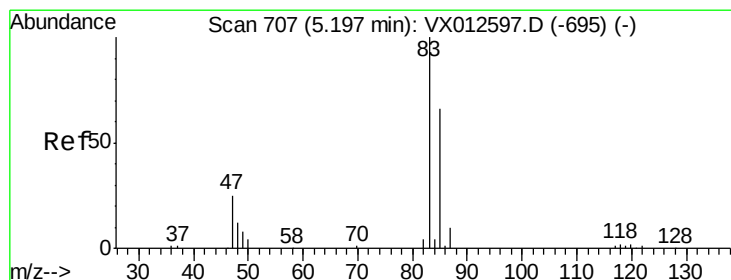
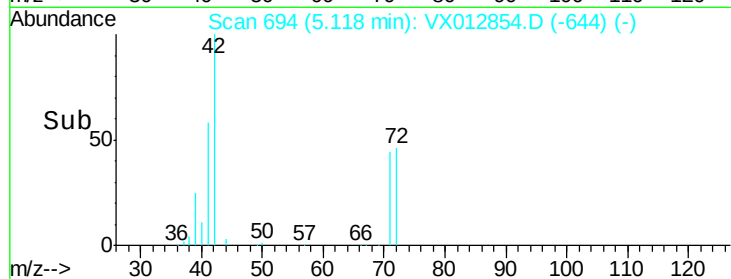
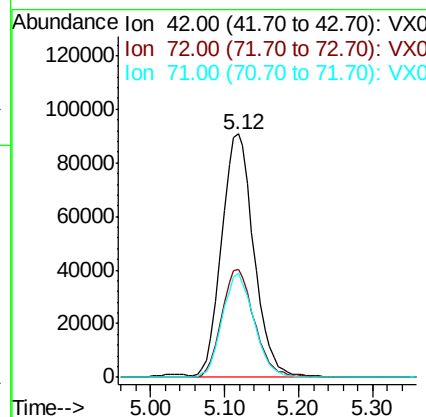
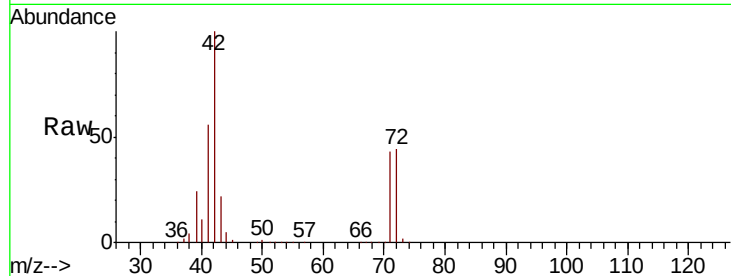
#29
Tetrahydrofuran
Concen: 214.804 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	34.0	51.0
71	42.0	31.5	47.3

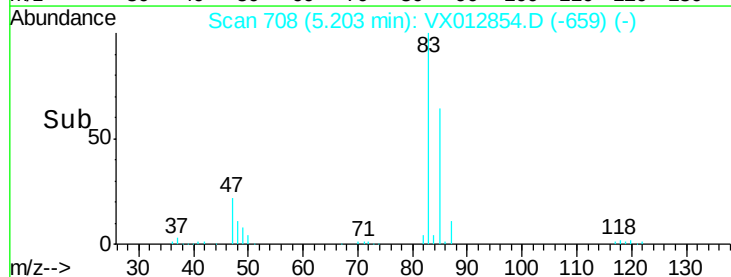
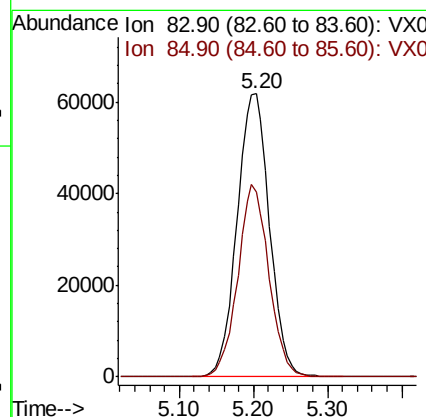
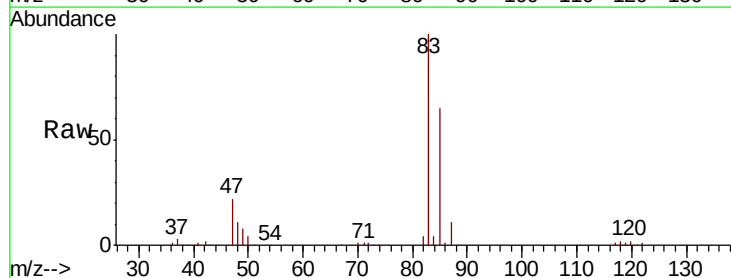
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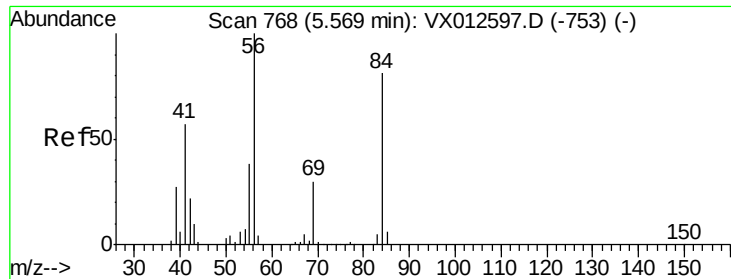
MMDadoda
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#30
Chloroform
Concen: 43.613 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.4





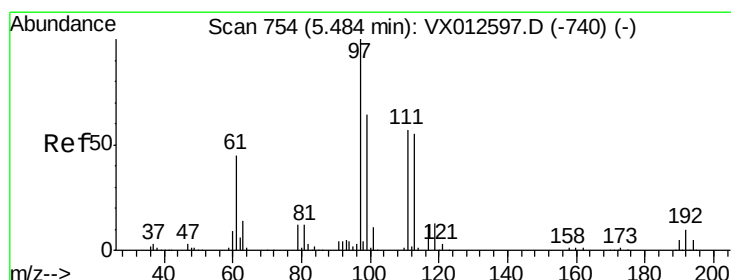
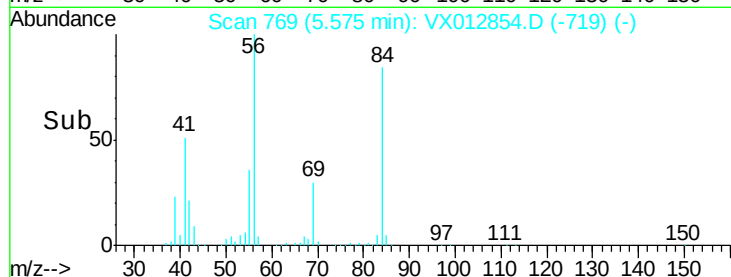
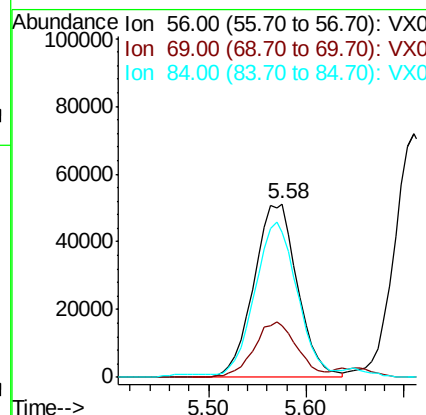
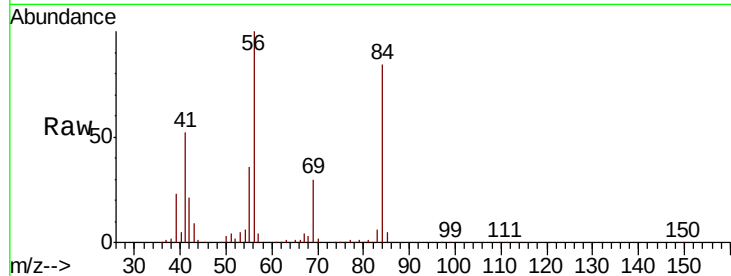
#31
Cyclohexane
Concen: 41.797 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.0	37.6
84	82.2	66.4	99.6

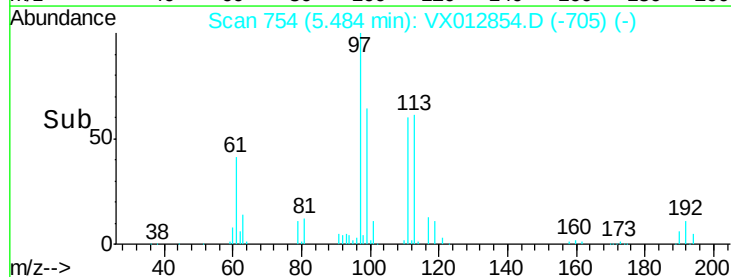
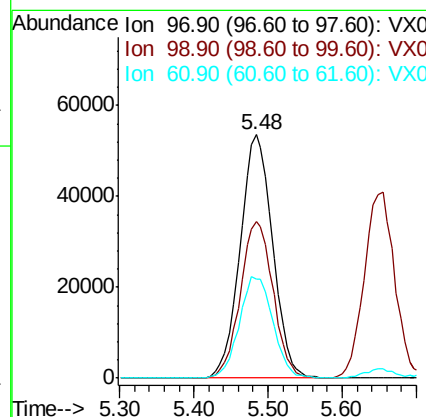
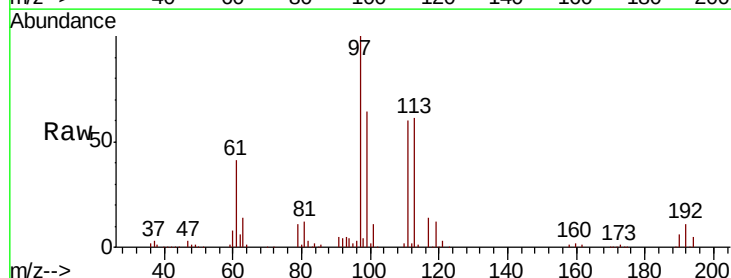
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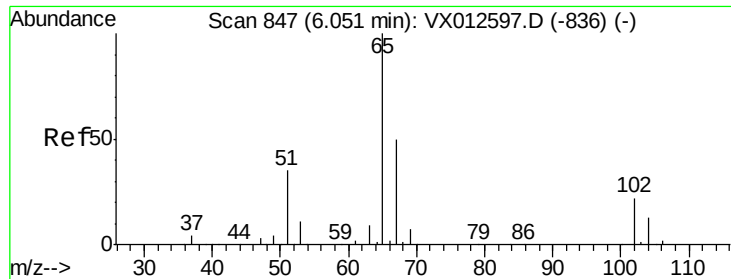
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 42.822 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	43.2	36.1	54.1





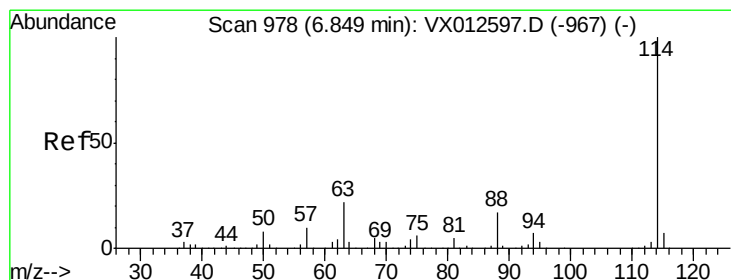
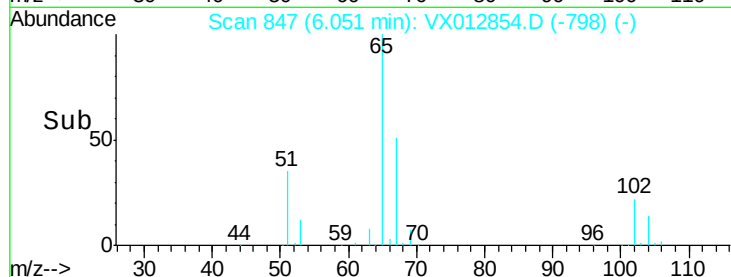
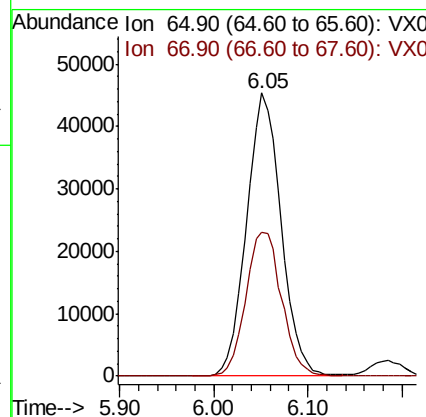
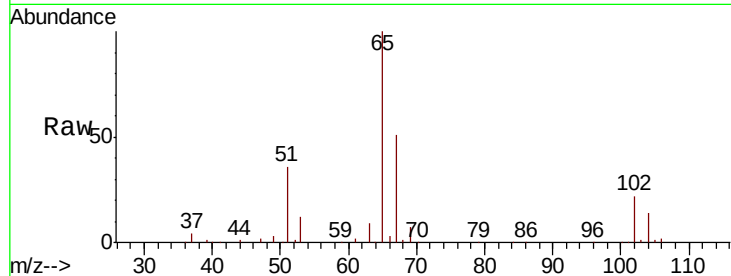
#33
 1,2-Dichloroethane-d4
 Concen: 42.503 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.2

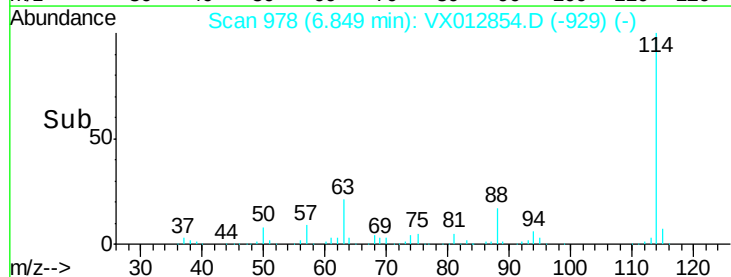
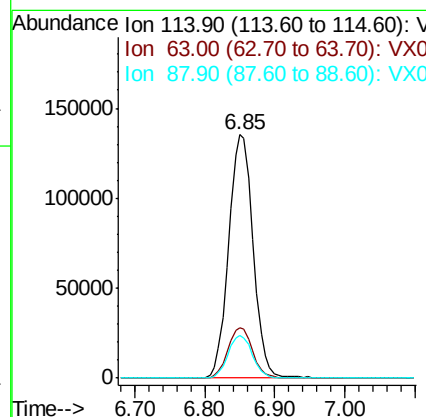
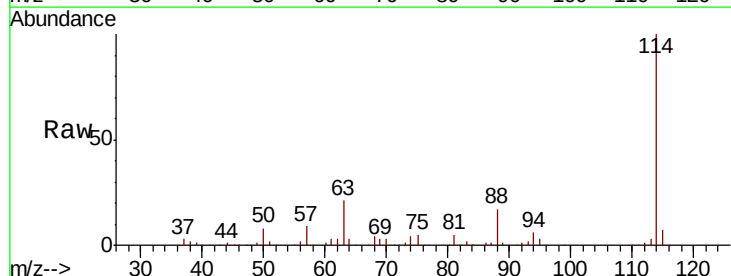
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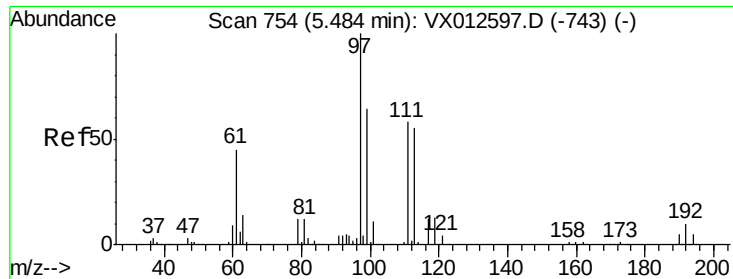
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	17.5	0.0	33.2





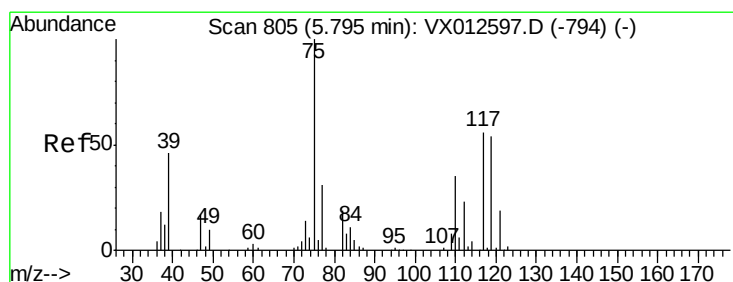
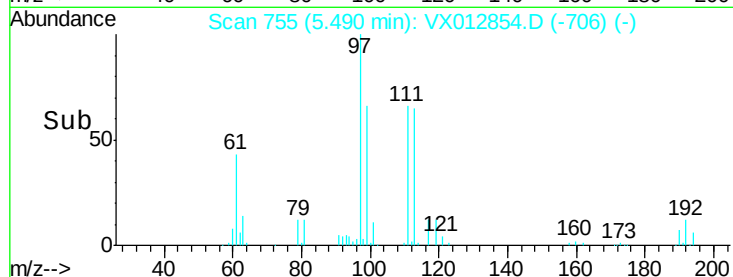
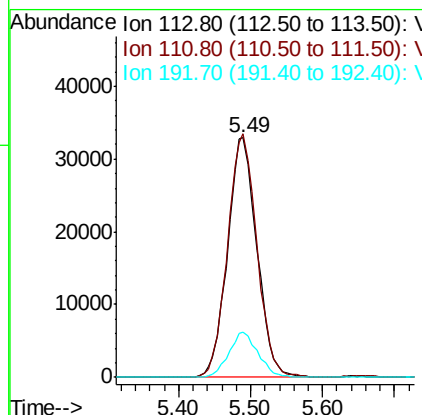
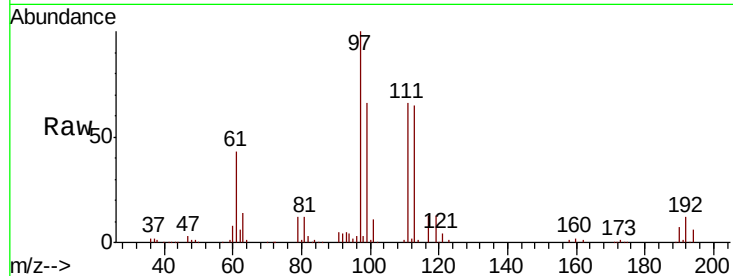
#35
 Dibromofluoromethane
 Concen: 47.801 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	18.6	14.4	21.6

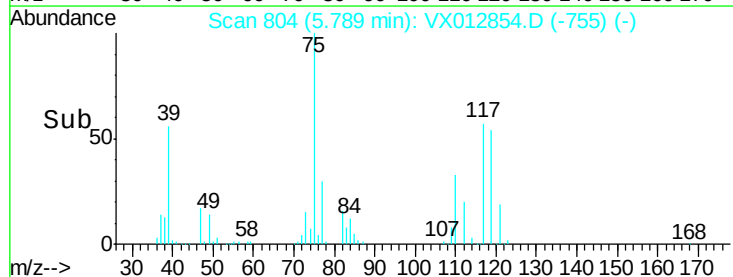
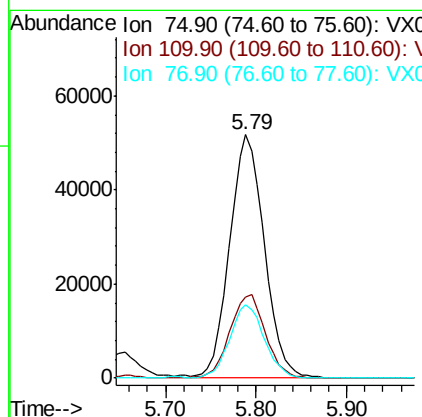
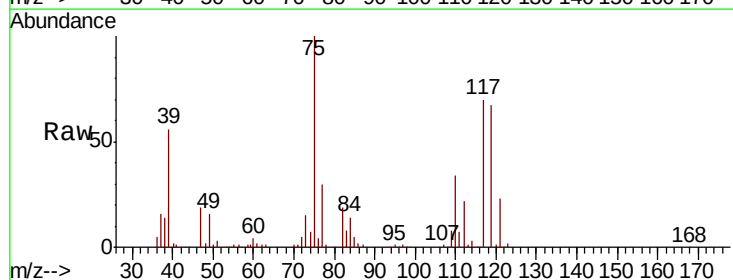
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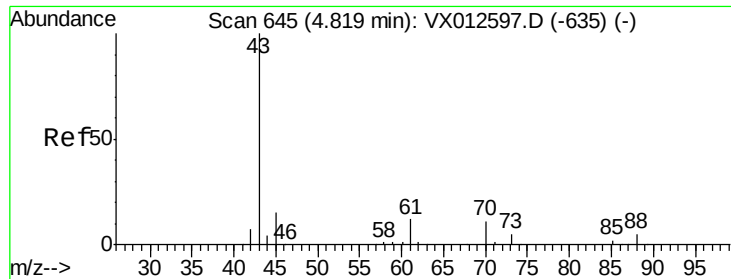
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#36
 1,1-Dichloropropene
 Concen: 43.350 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.7	50.0
77	30.3	24.2	36.2





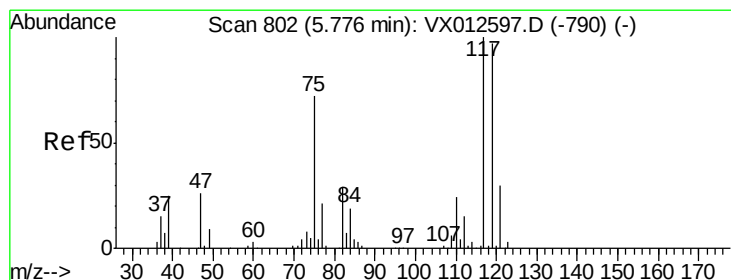
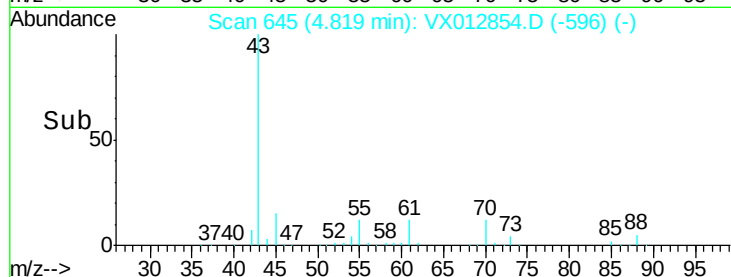
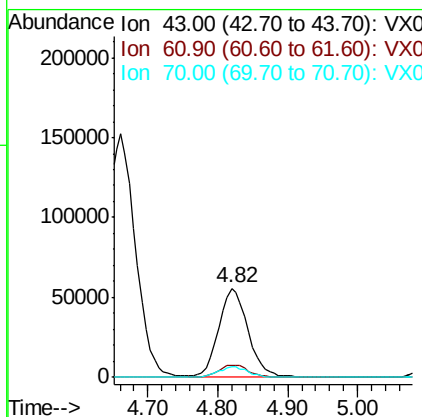
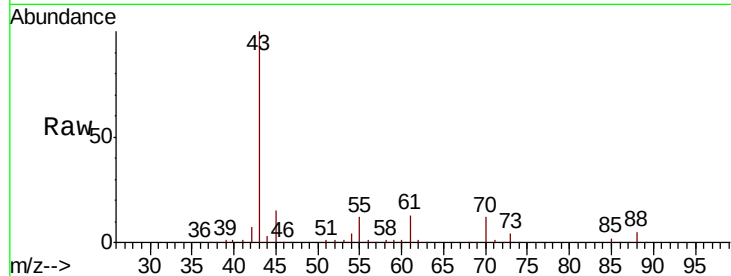
#37
Ethyl Acetate
Concen: 43.776 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.4
70	11.9	8.7	13.1

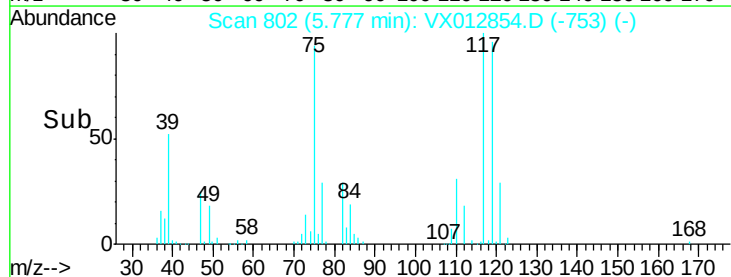
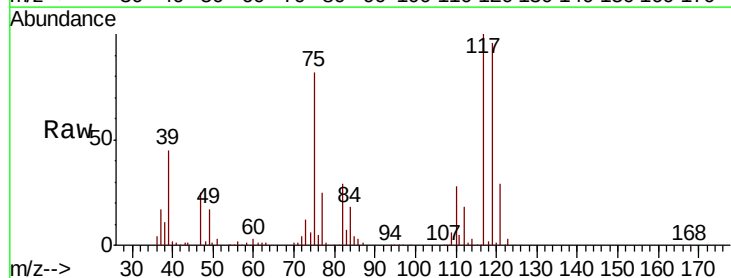
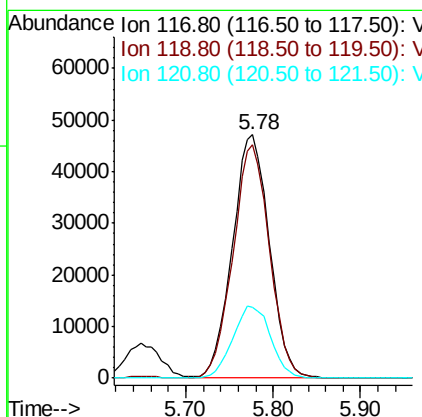
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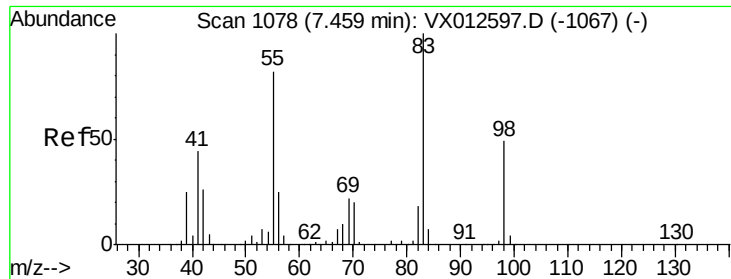
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#38
Carbon Tetrachloride
Concen: 43.057 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.7	113.5
121	29.2	24.2	36.4





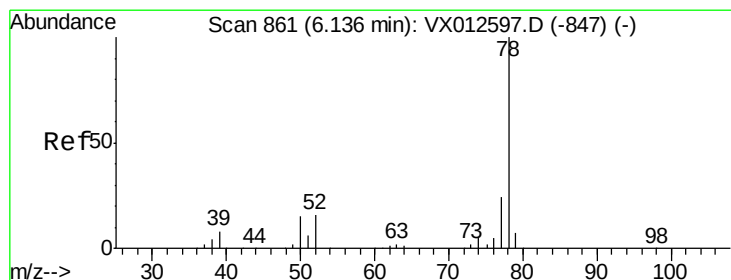
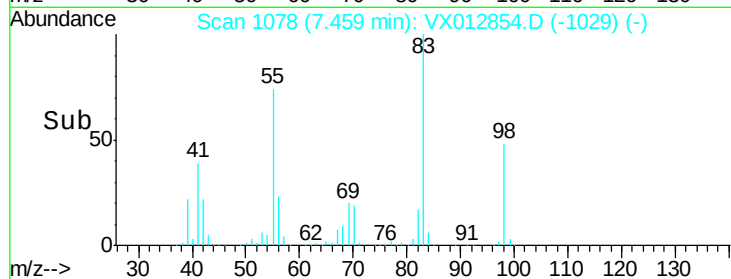
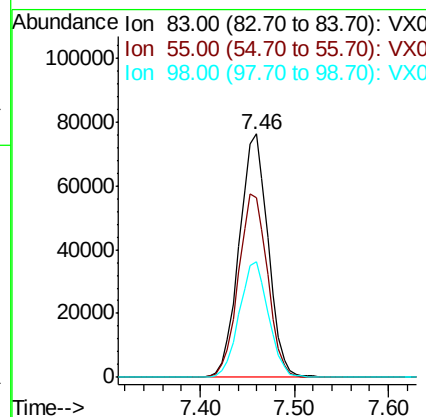
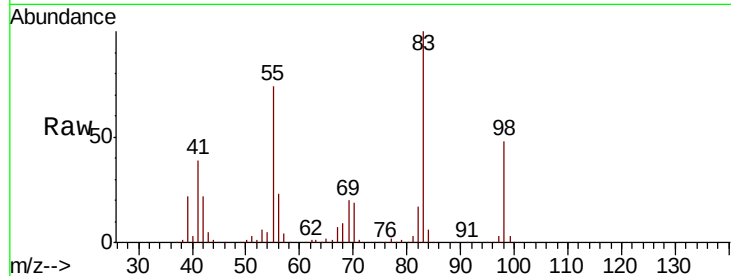
#39
Methylvlcyclohexane
Concen: 42.692 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	162600		
55	73.5	64.4	96.6	
98	47.7	40.1	60.1	

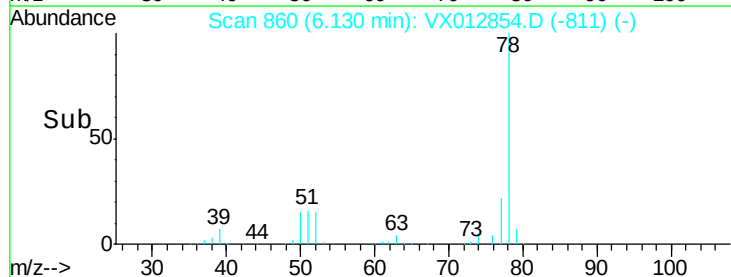
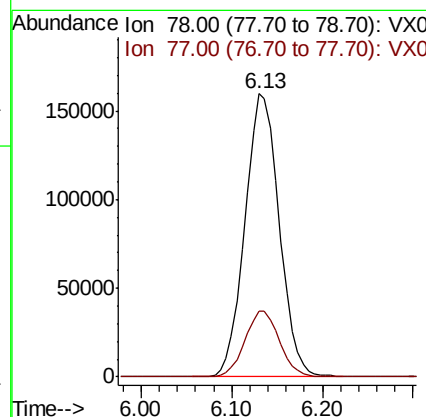
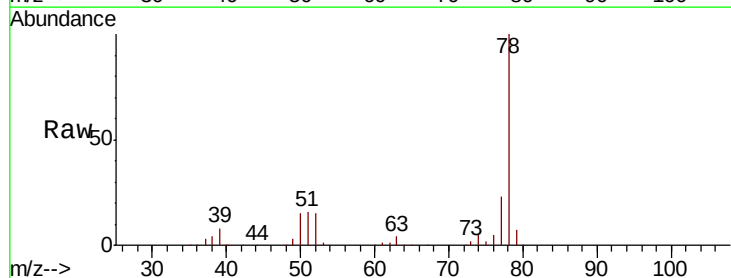
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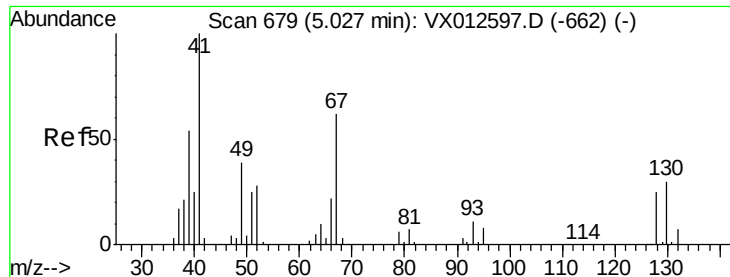
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#40
Benzene
Concen: 44.852 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	417508		
77	23.1	19.2	28.8	





#41

Methacrylonitrile

Concen: 44.434 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

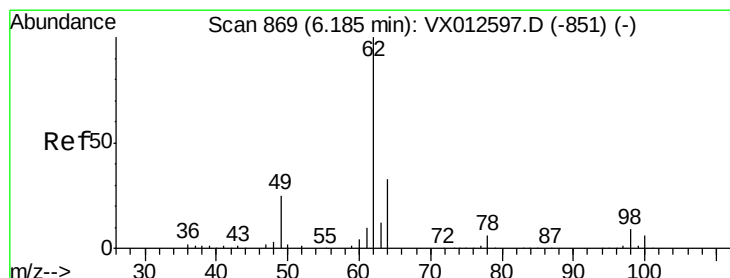
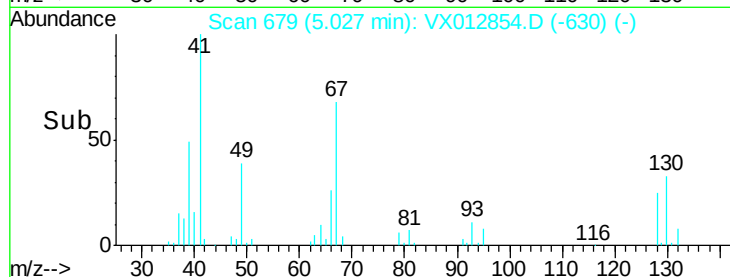
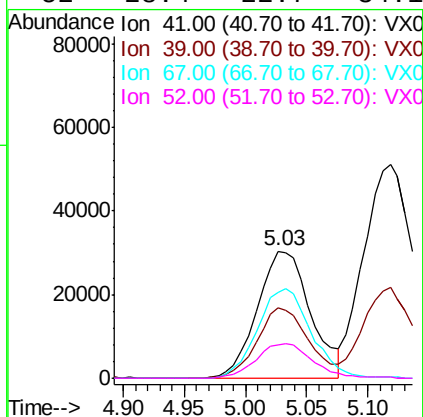
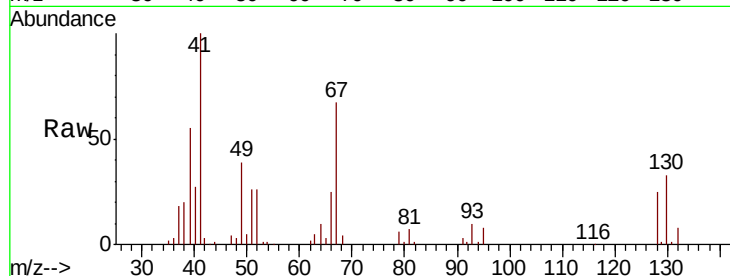
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
92211	41	100		
	39	53.8	46.0	69.0
	67	71.1	52.2	78.2
	52	28.4	22.7	34.1

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#42

1,2-Dichloroethane

Concen: 43.095 ug/l

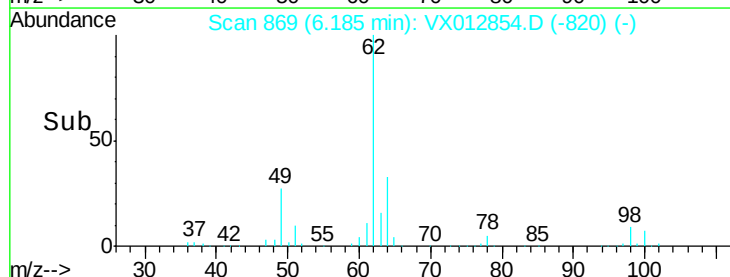
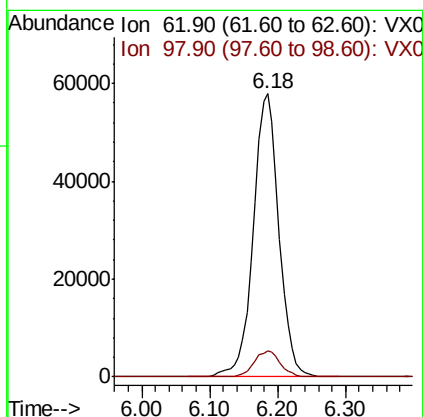
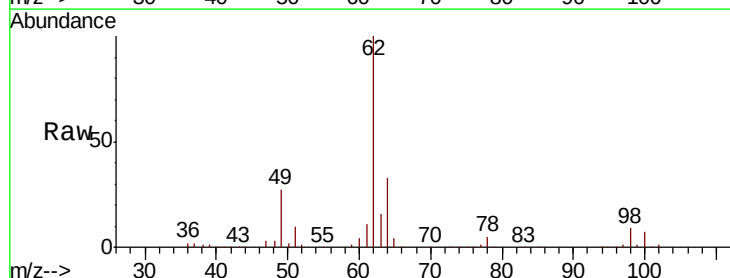
RT: 6.18 min Scan# 869

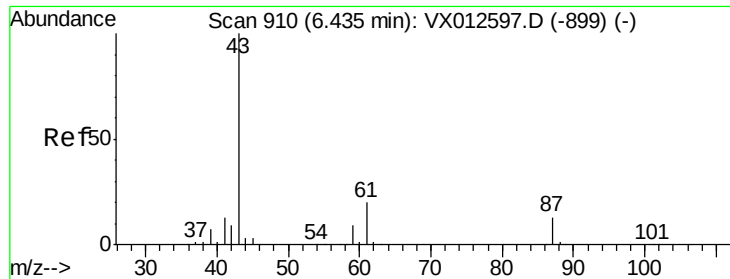
Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion	Ion	Ratio	Lower	Upper
152333	62	100		
	98	9.4	0.0	17.8





#43

Isopropyl Acetate

Concen: 43.671 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

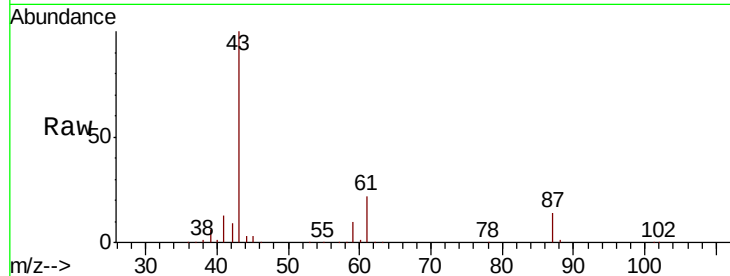
ClientSampleId :

VSTDCCC050EC

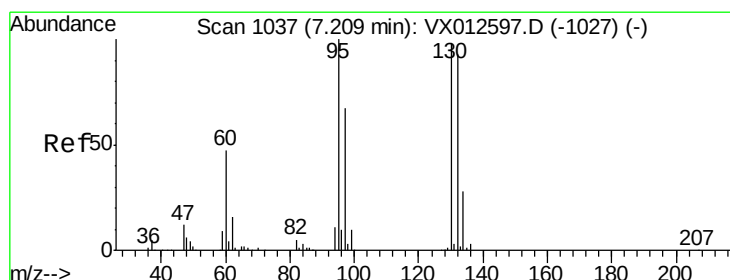
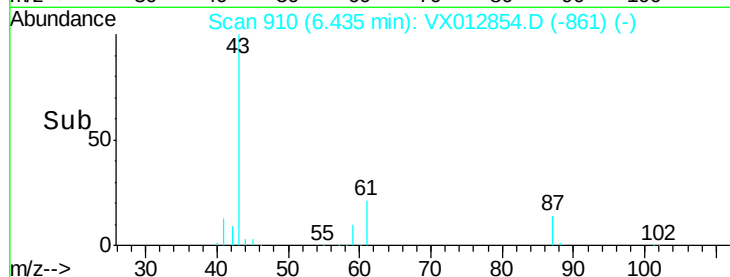
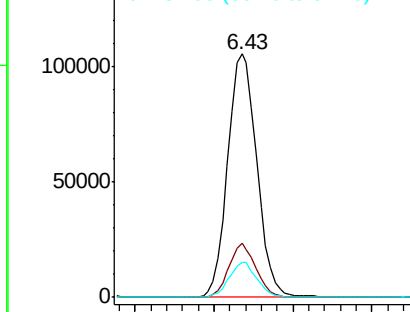
Tot Ion:	43	Resp:	270123
Ion	Ratio	Lower	Upper
43	100		
61	21.0	15.4	23.0
87	13.8	9.8	14.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 45.447 ug/l

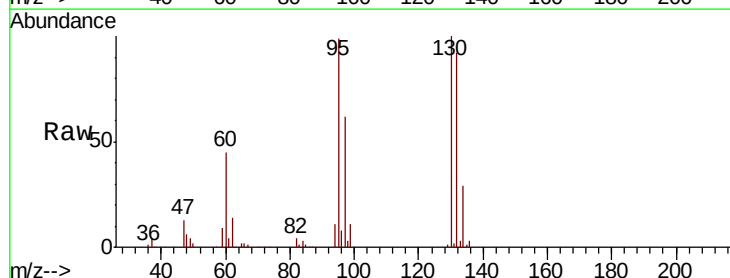
RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

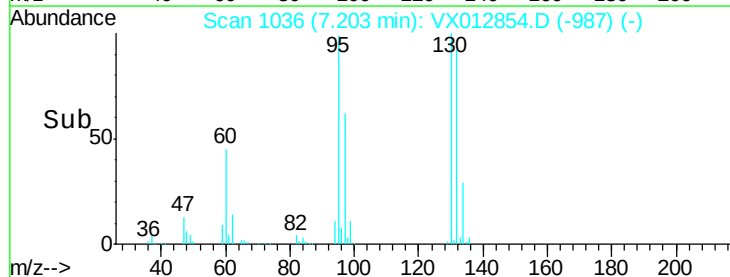
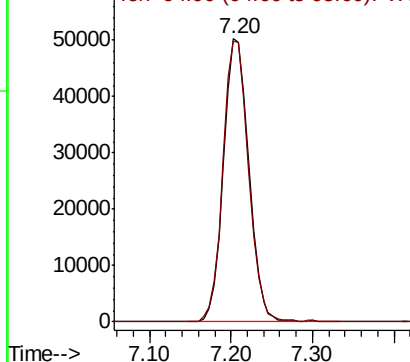
Lab File: VX012854.D

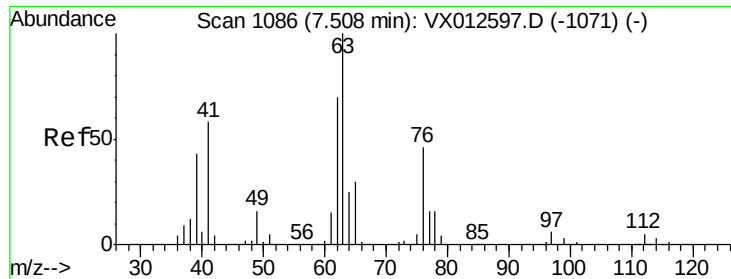
Acq: 07 Oct 2019 21:27

Tgt Ion:	130	Resp:	108151
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





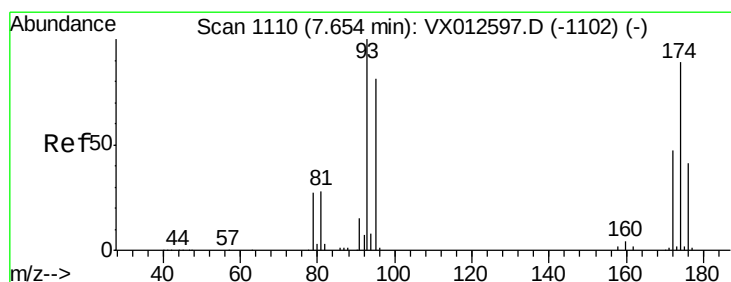
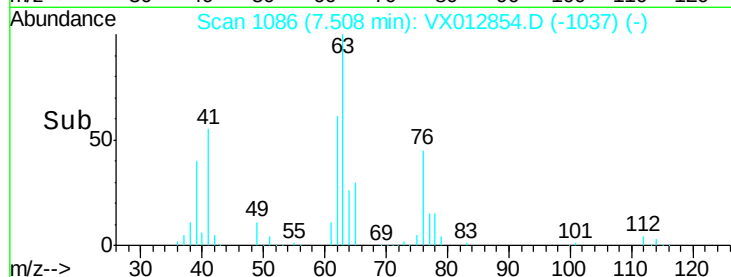
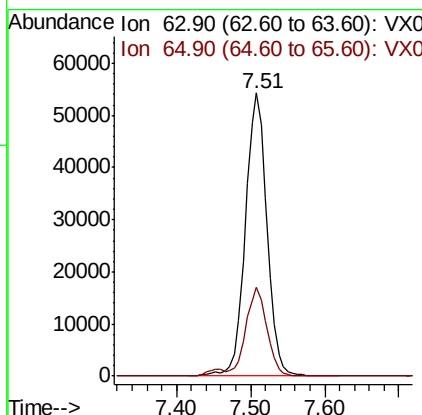
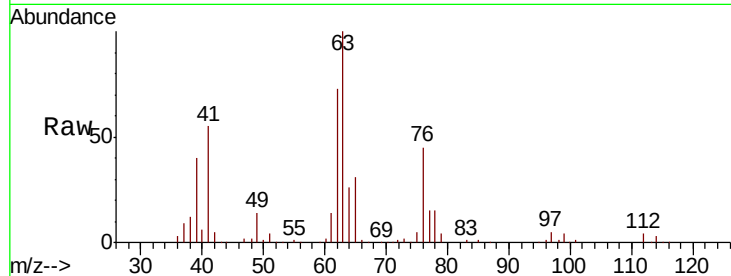
#45
 1,2-Dichloropropane
 Concen: 46.342 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 110443
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

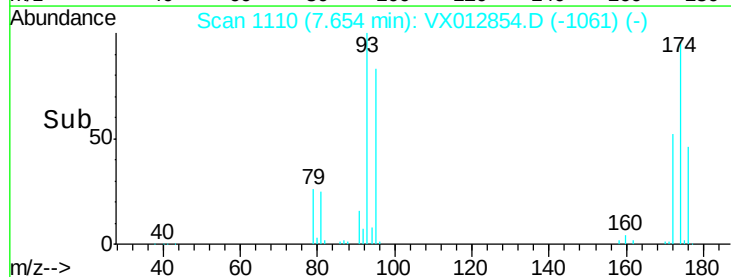
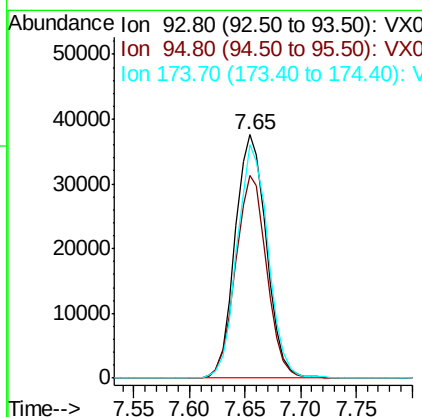
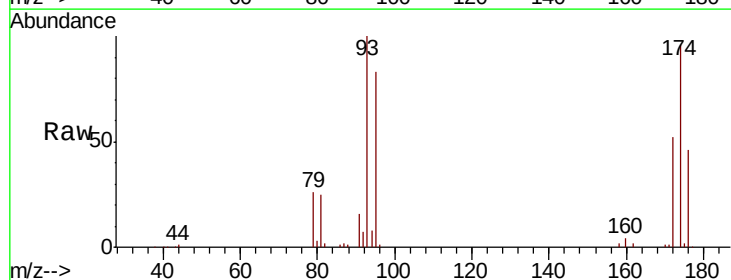
Manual Integrations
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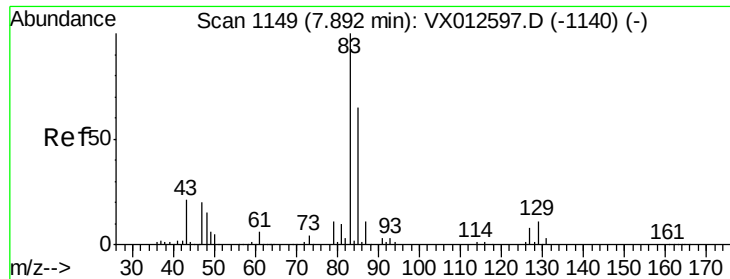
MMDadoda
 10/8/2019 2:07:06 PM



#46
 Dibromomethane
 Concen: 45.096 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 93 Resp: 73174
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 100.0
 174 94.9 77.4 116.0





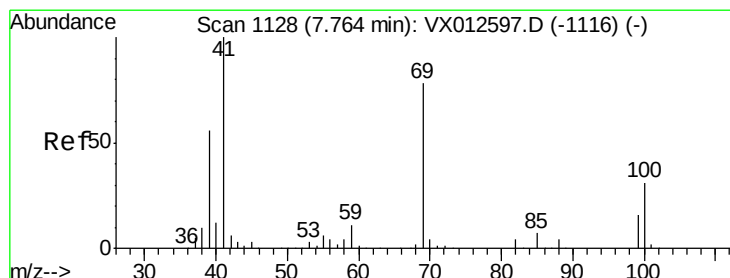
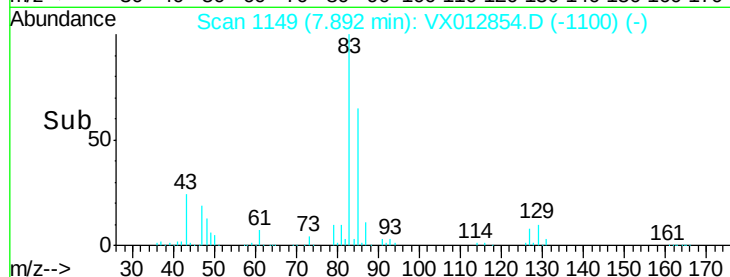
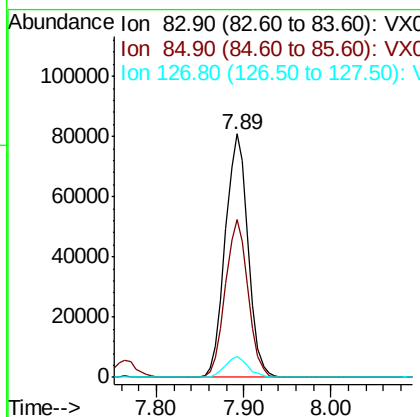
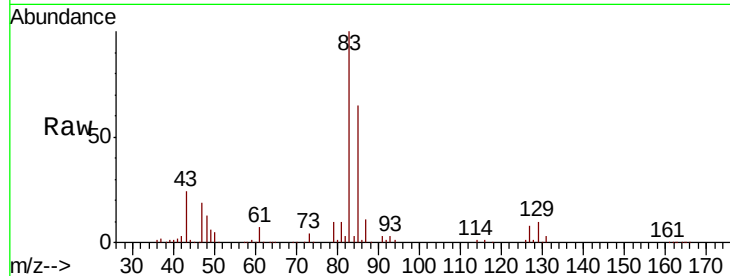
#47
Bromodichloromethane
Concen: 45.125 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	146341
Ion Ratio	100		
Lower	51.8		
Upper	77.6		
85	64.9		
127	8.4		

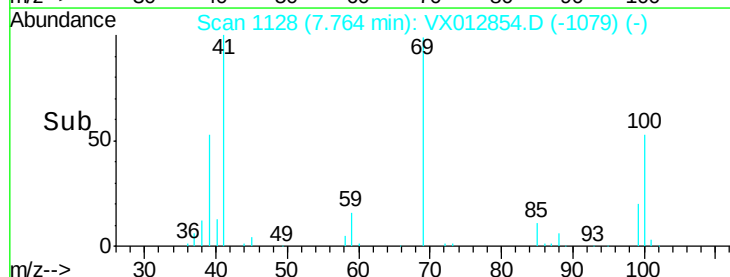
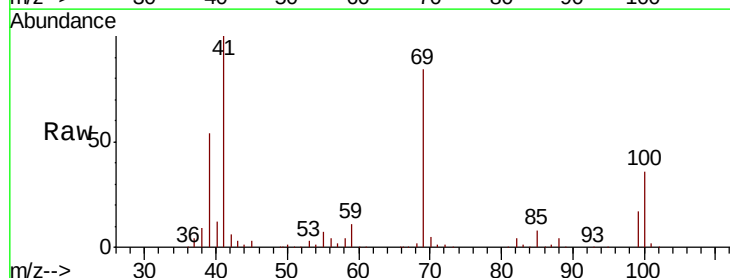
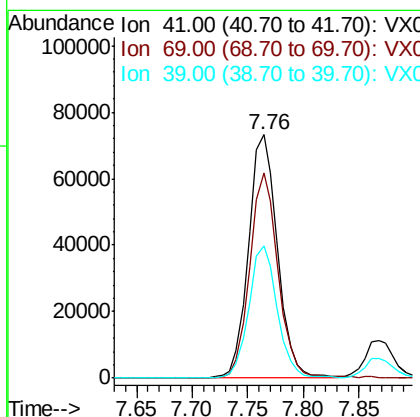
Manual Integrations
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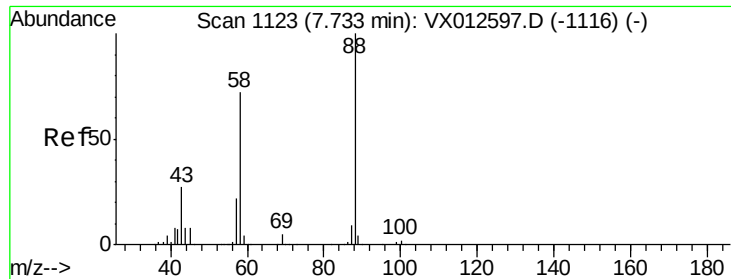
MMDadoda
10/8/2019 2:07:06 PM



#48
Methyl methacrylate
Concen: 44.943 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	41	Resp	133297
Ion Ratio	100		
Lower	59.9		
Upper	89.9		
69	82.6		
39	53.4		





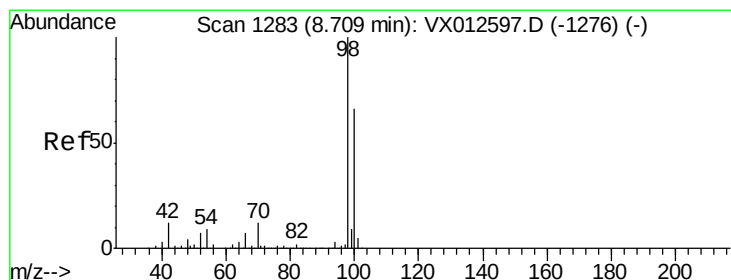
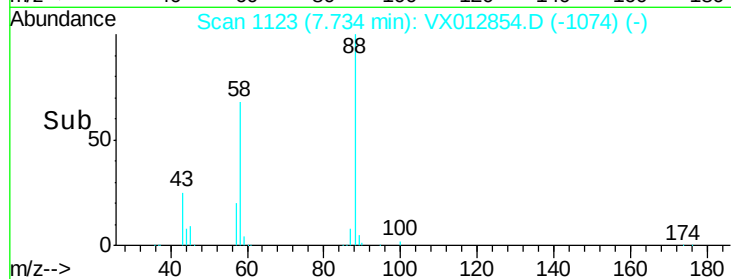
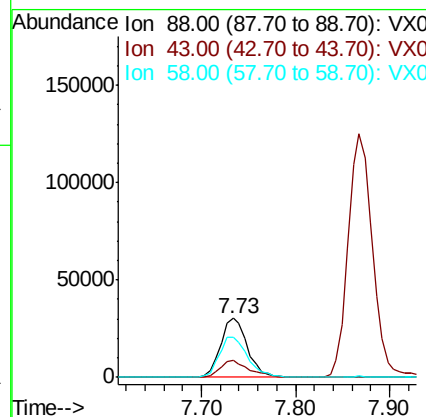
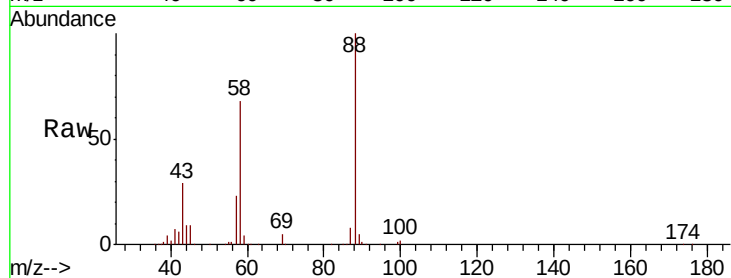
#49
1,4-Dioxane
Concen: 887.254 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	29.4	44.0
58	72.2	57.5	86.3

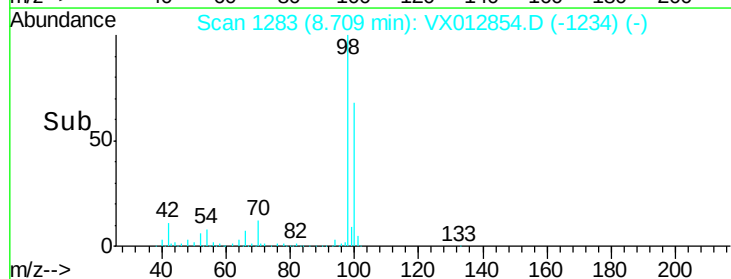
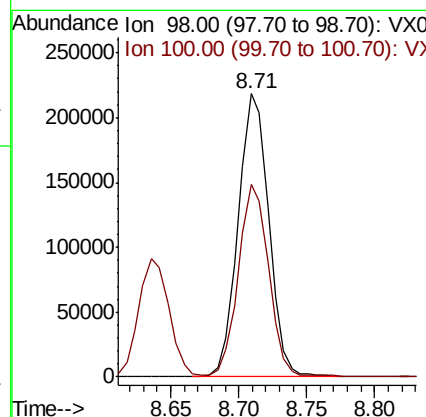
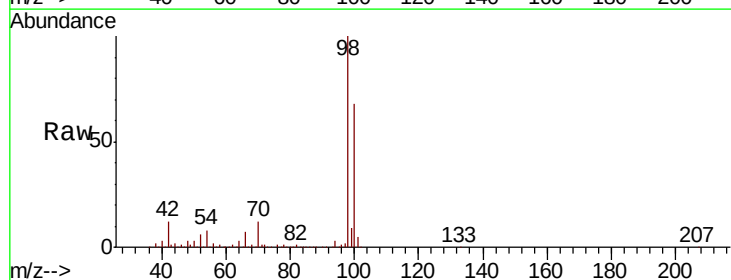
Manual Integrations
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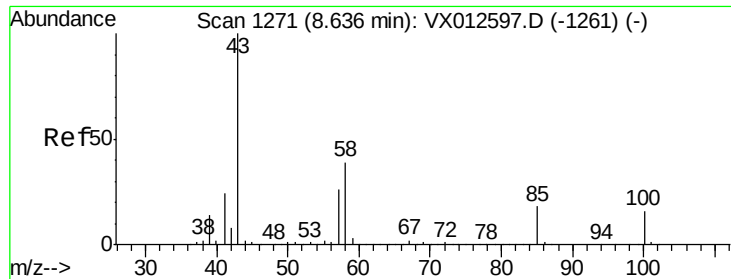
MMDadoda
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#50
Toluene-d8
Concen: 45.611 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2





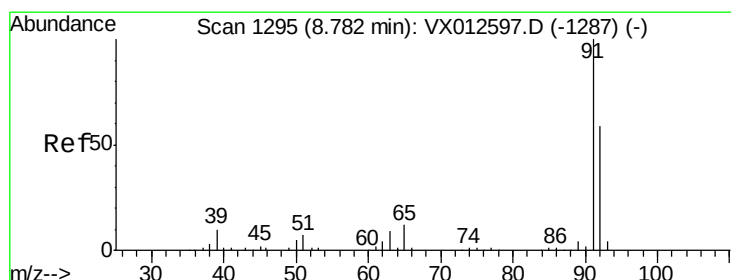
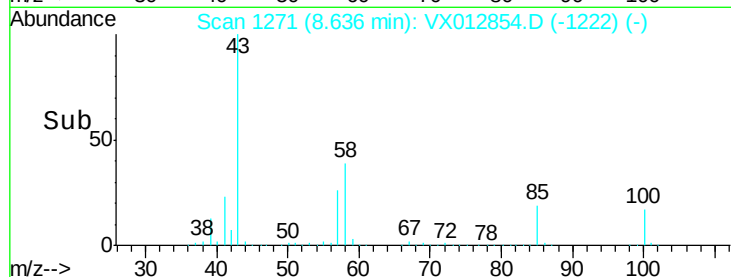
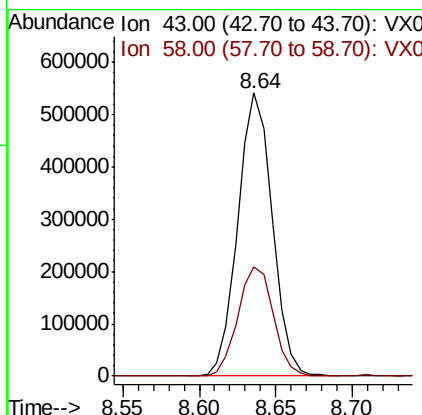
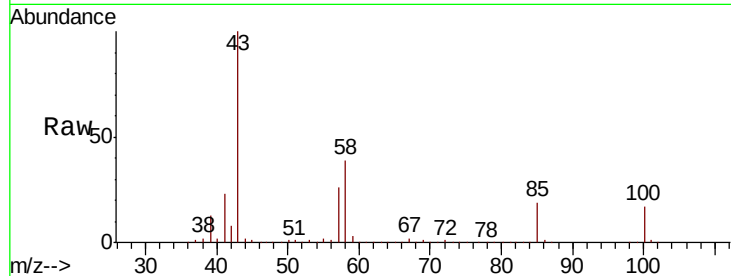
#51
4-Methyl-2-Pentanone
Concen: 221.342 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	29.8	44.6

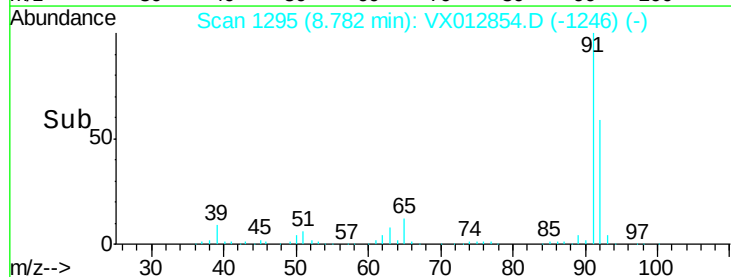
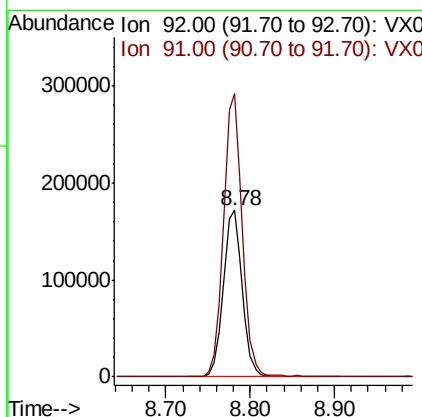
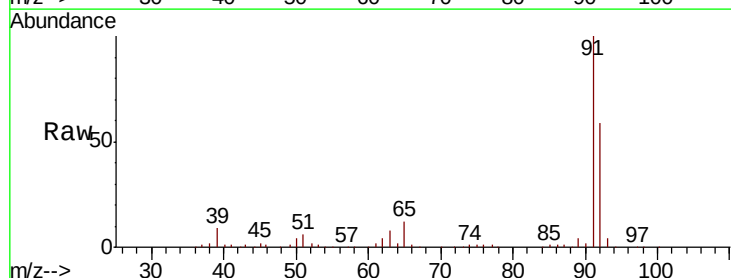
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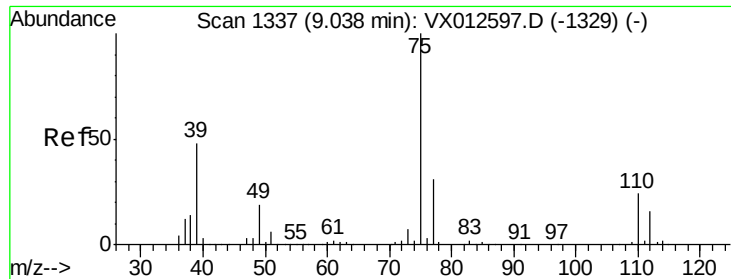
MMDadoda
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#52
Toluene
Concen: 45.477 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.0	135.4	203.0





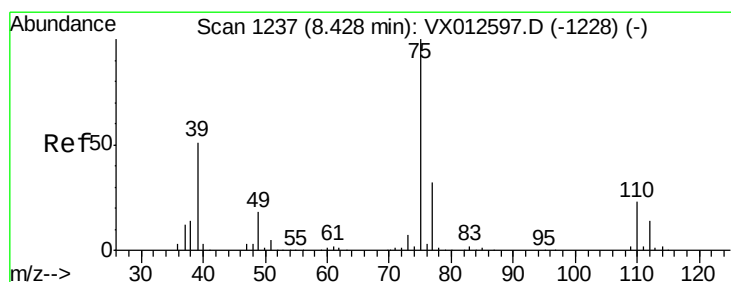
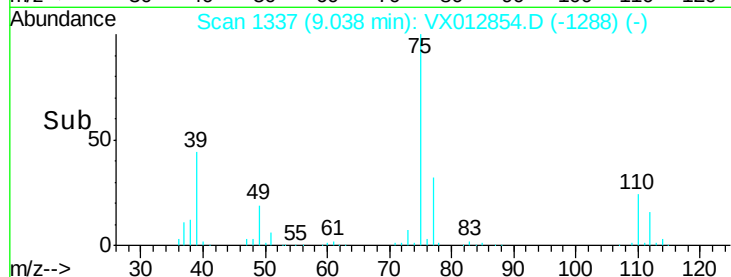
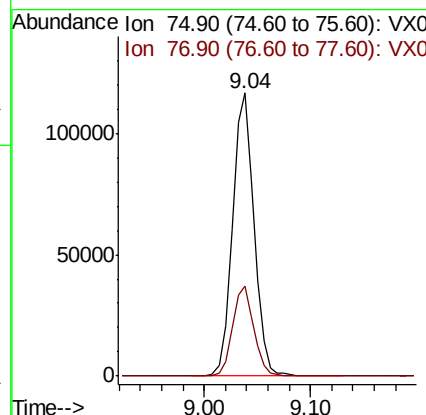
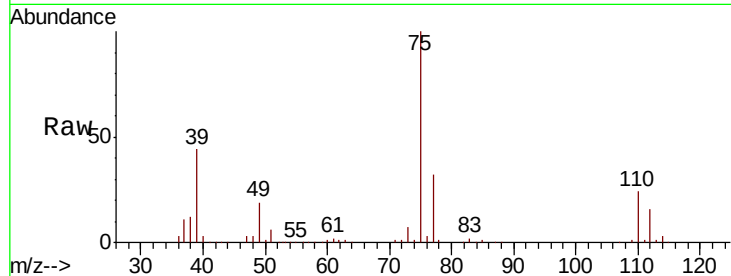
#53
 t-1,3-Dichloropropene
 Concen: 45.906 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 164716
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8

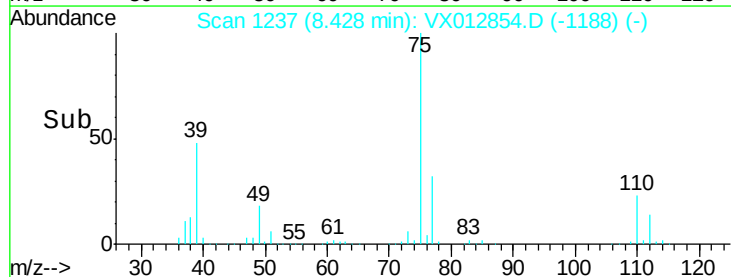
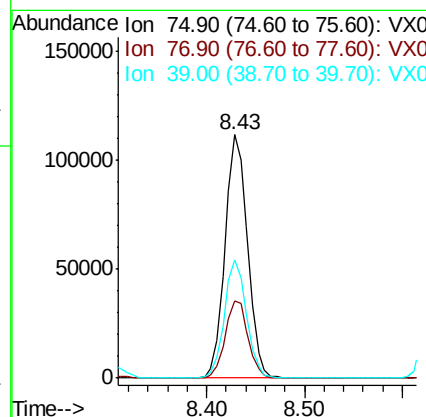
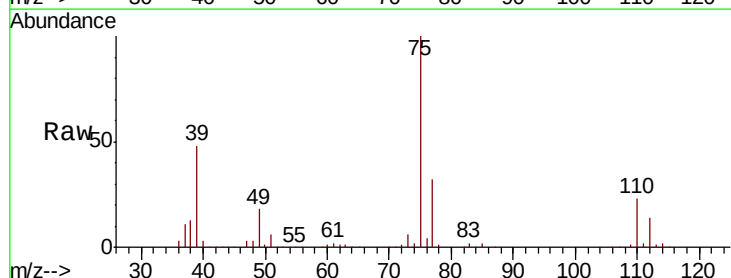
Manual Integrations
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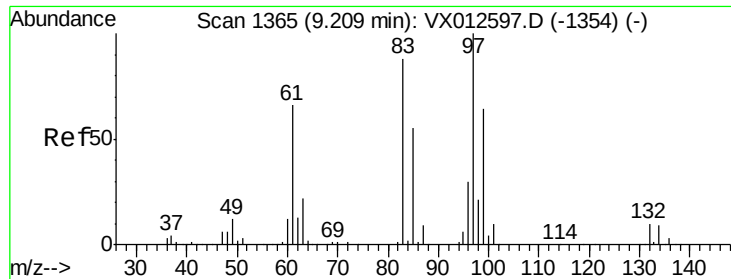
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#54
 cis-1,3-Dichloropropene
 Concen: 45.639 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion: 75 Resp: 178798
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 48.2 45.5 68.3





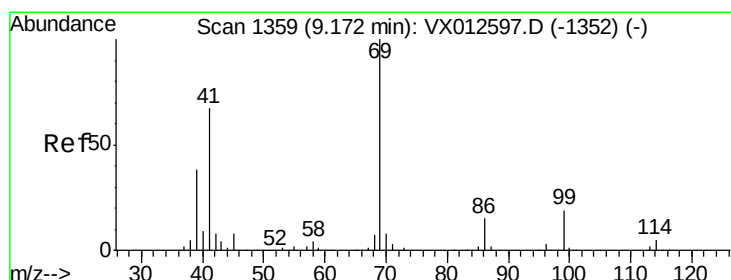
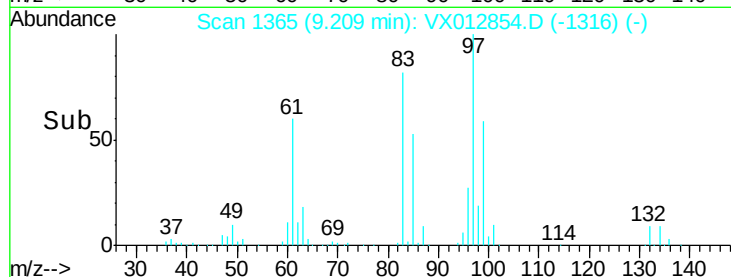
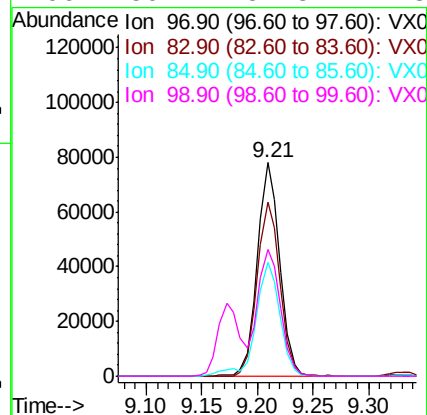
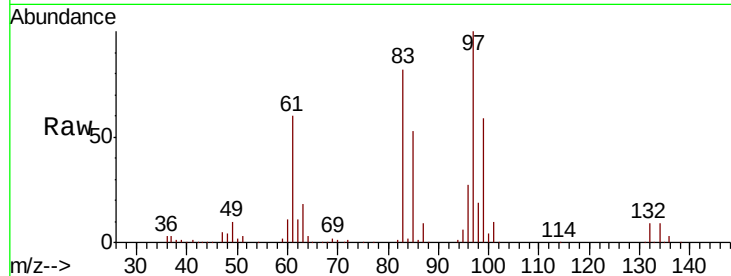
#55
 1,1,2-Trichloroethane
 Concen: 47.060 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109461		
83	81.6	67.4	101.2		
85	53.3	43.5	65.3		
99	59.1	51.8	77.8		

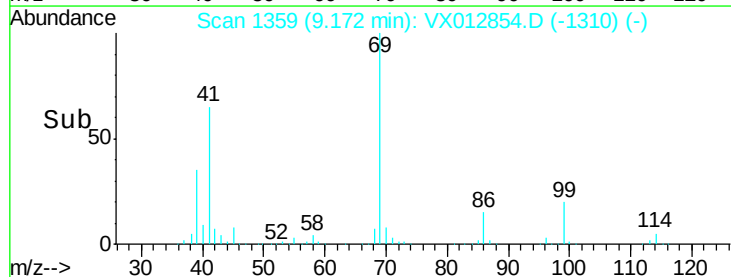
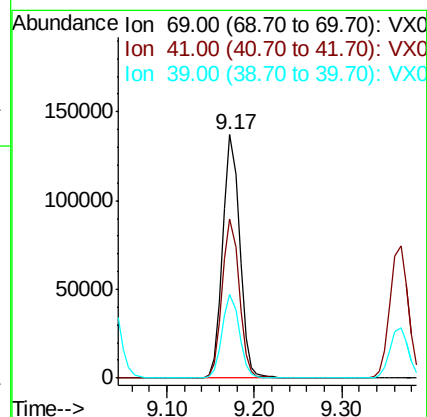
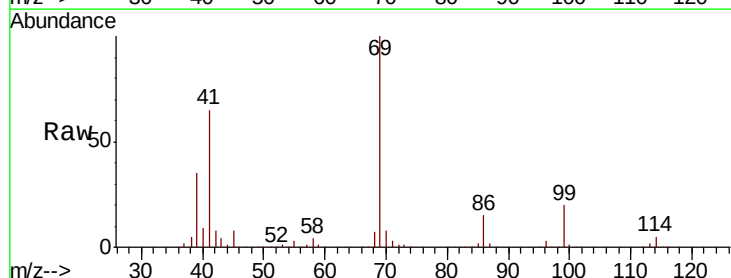
Manual Integrations
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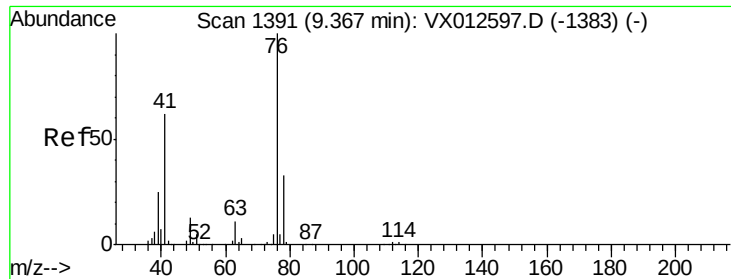
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#56
 Ethyl methacrylate
 Concen: 47.318 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		184904		
41	65.2	58.4	87.6		
39	34.4	33.4	50.0		





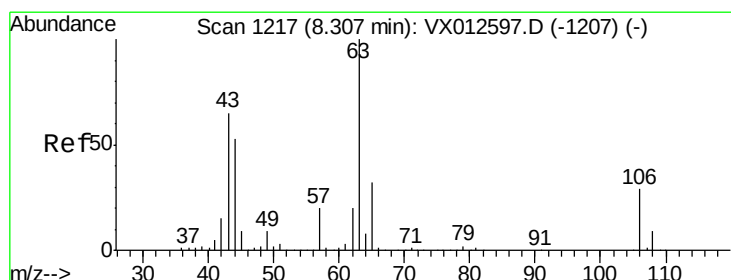
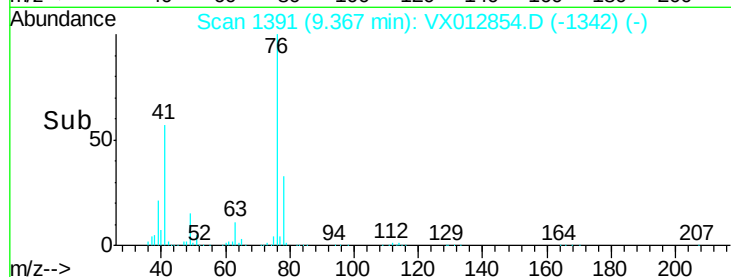
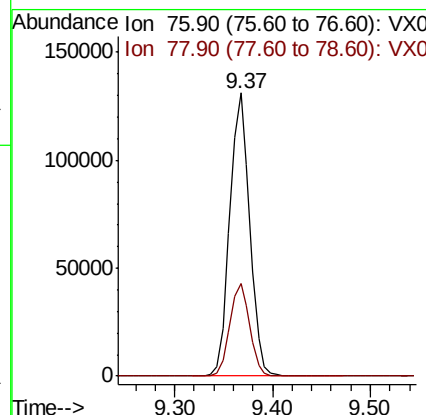
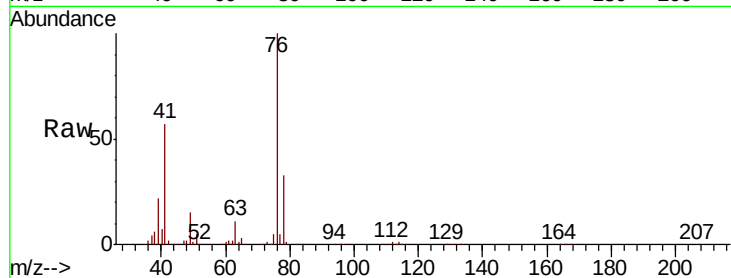
#57
 1,3-Dichloropropane
 Concen: 45.623 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2

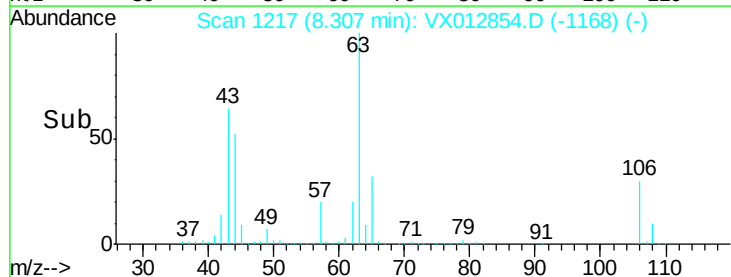
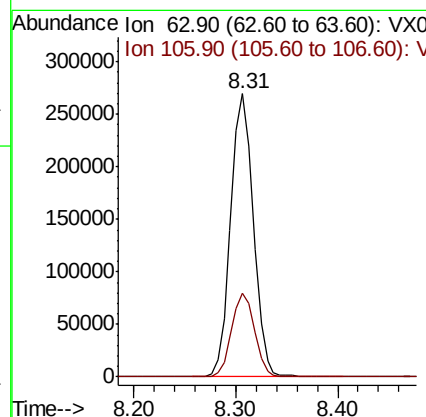
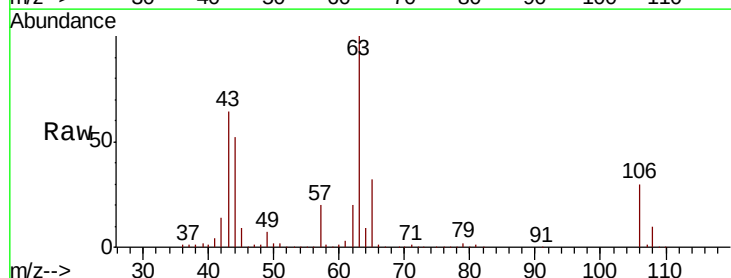
Manual Integrations
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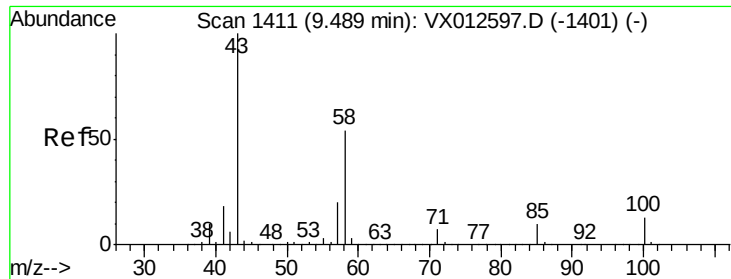
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#58
 2-Chloroethyl Vinyl ether
 Concen: 237.276 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.6





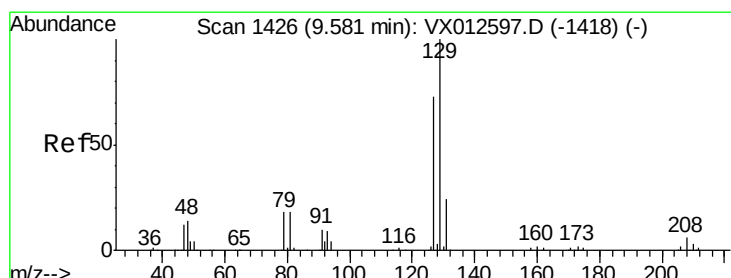
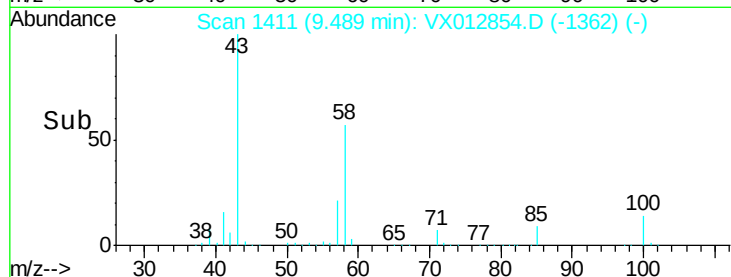
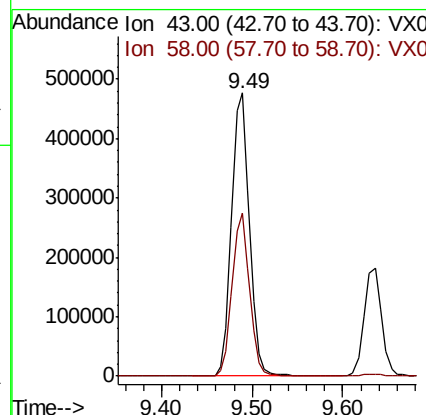
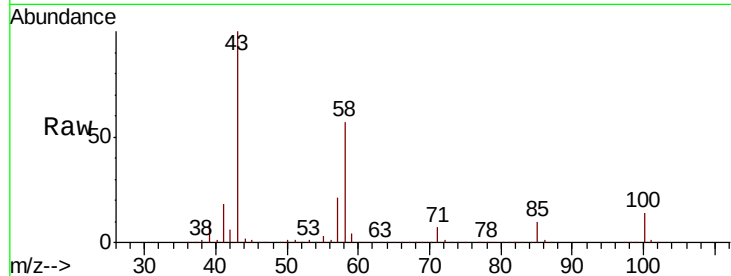
#59
2-Hexanone
Concen: 223.260 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 652495
Ion Ratio Lower Upper
43 100
58 56.3 25.7 77.1

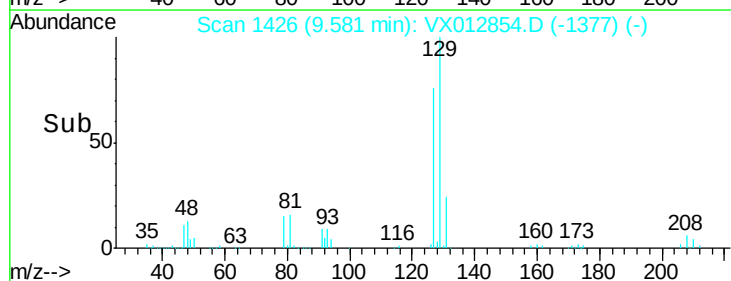
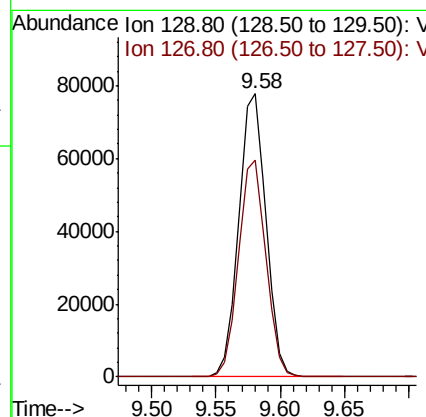
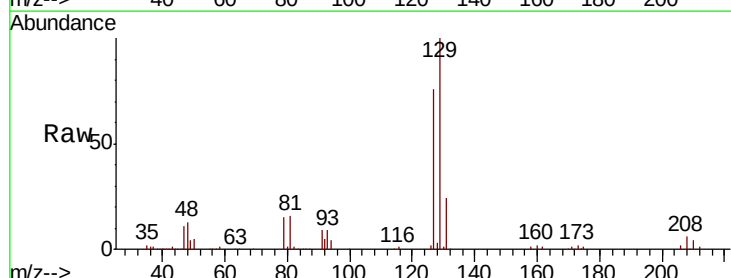
Manual Integrations
APPROVED

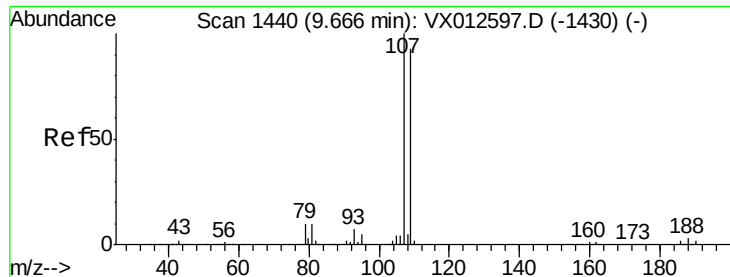
MMDadoda
10/8/2019 2:07:06 PM



#60
Dibromochloromethane
Concen: 48.606 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 129 Resp: 114448
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 46.948 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 113649

Ion Ratio Lower Upper

107 100

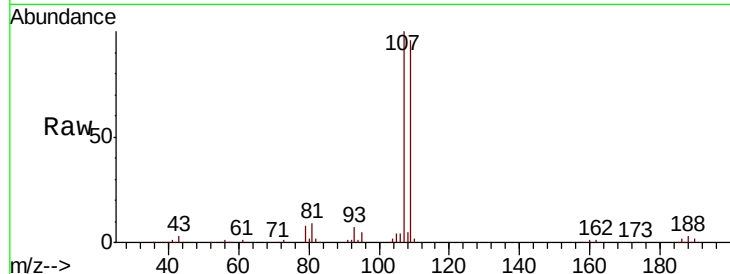
109 95.5 74.7 112.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

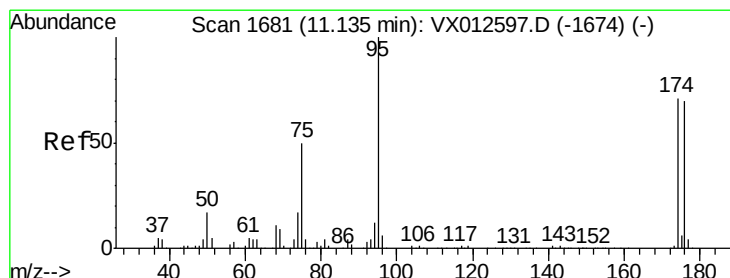
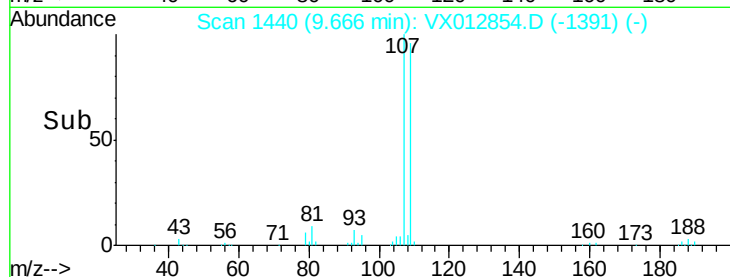
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 45.766 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

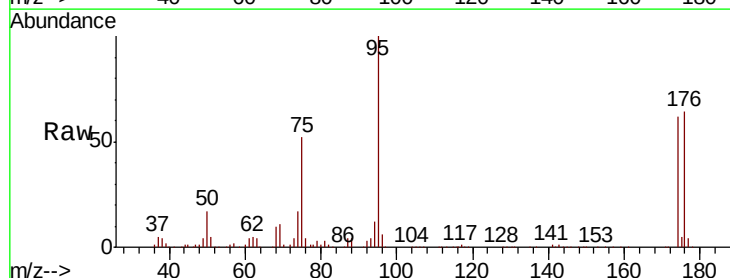
Tgt Ion: 95 Resp: 135466

Ion Ratio Lower Upper

95 100

174 72.3 0.0 140.0

176 69.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

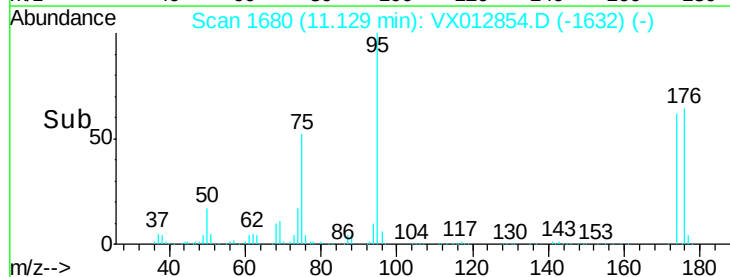
100000

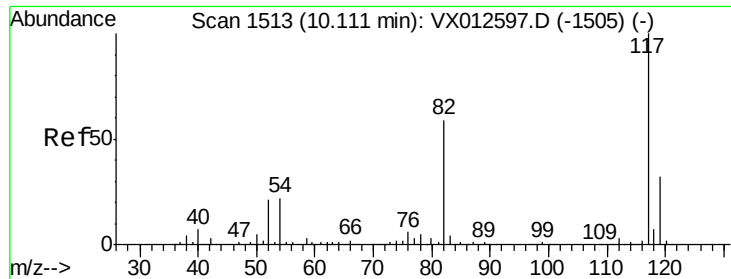
50000

0

Time-->

11.05 11.10 11.15 11.20





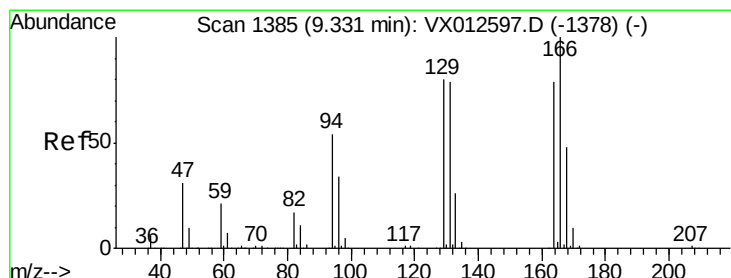
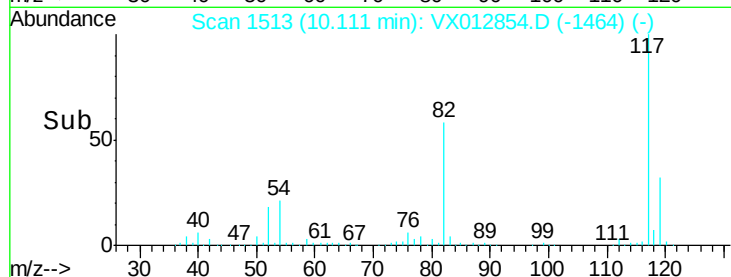
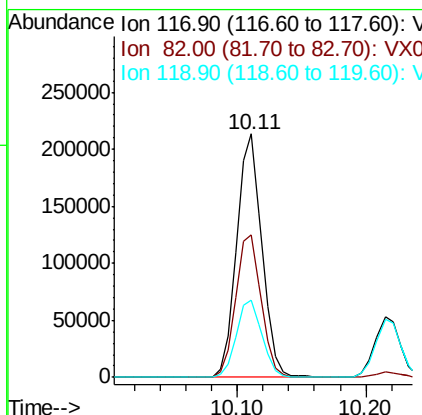
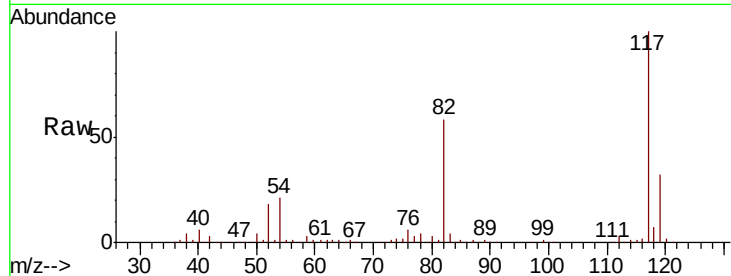
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	31.9	25.3	37.9

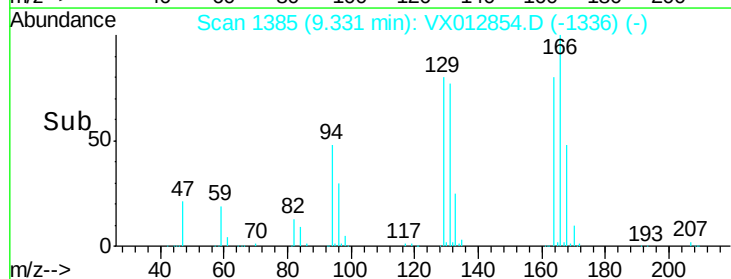
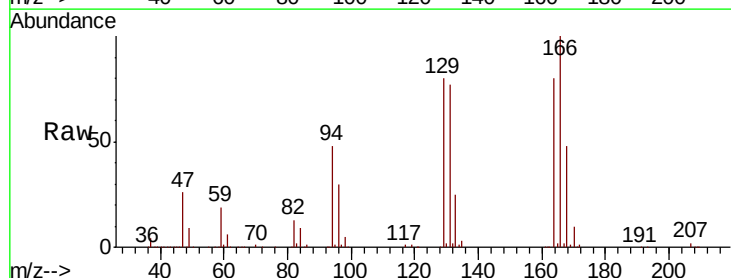
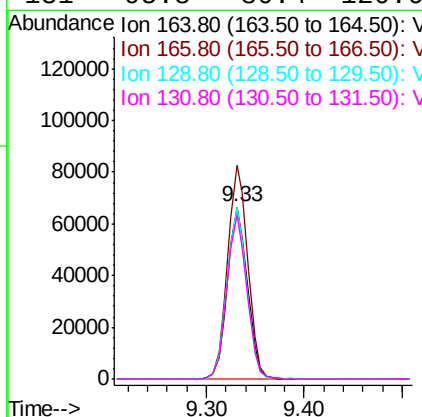
Manual Integrations
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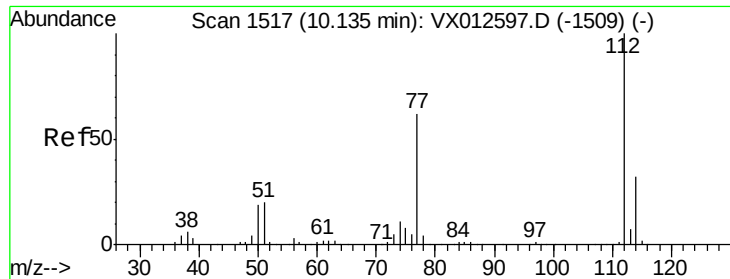
MMDadoda
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#64
Tetrachloroethene
Concen: 47.134 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	107.8	161.6
129	100.0	86.2	129.2
131	95.8	80.4	120.6





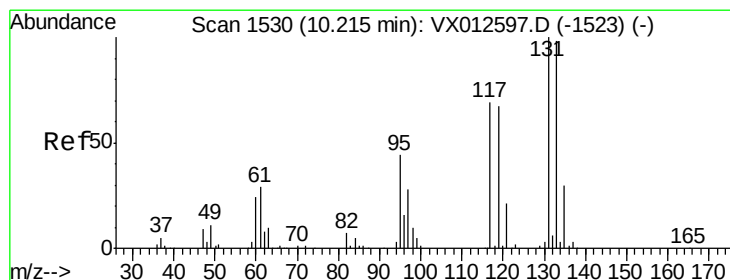
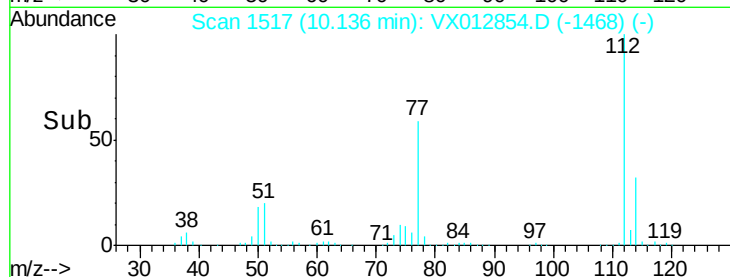
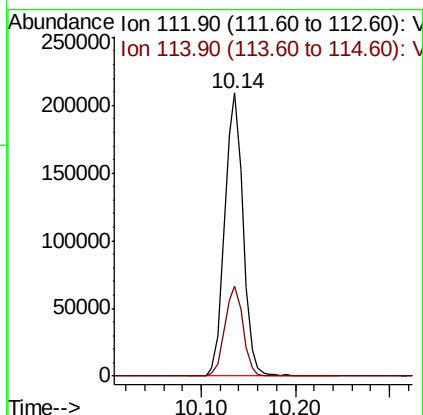
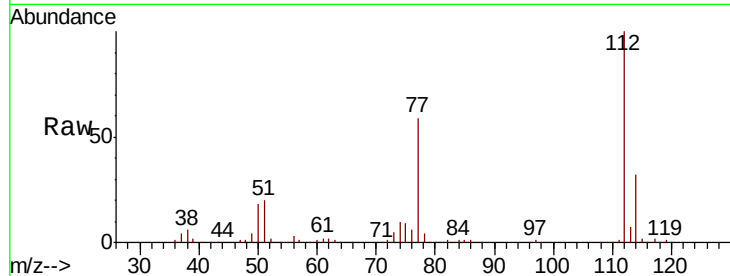
#65
Chlorobenzene
Concen: 46.185 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 281700
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

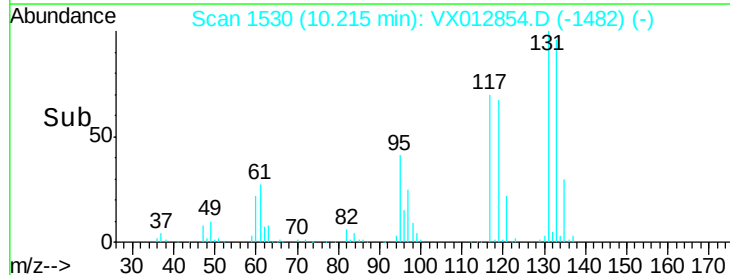
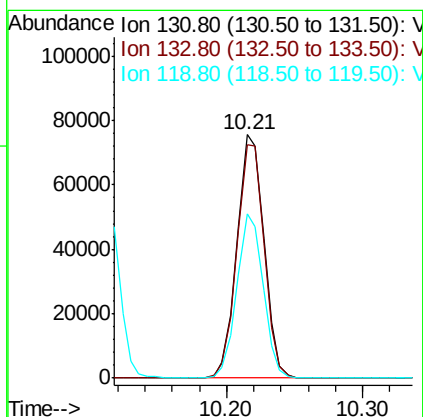
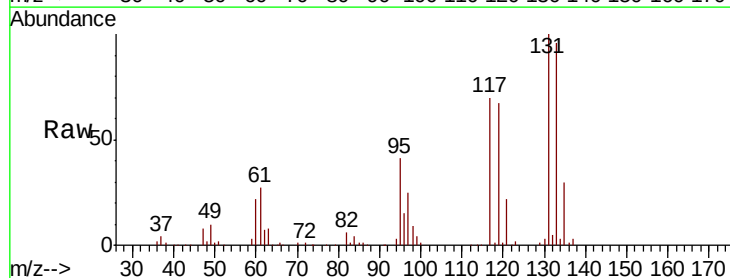
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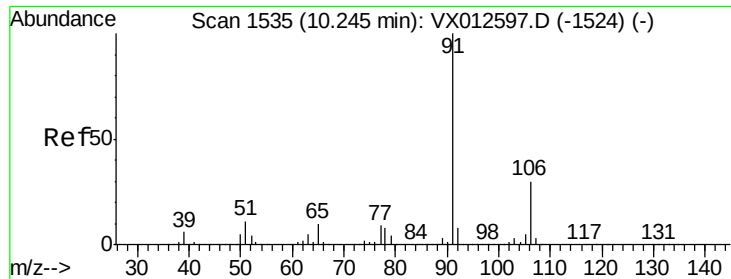
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.183 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion:131 Resp: 104272
Ion Ratio Lower Upper
131 100
133 97.1 47.6 142.9
119 65.9 31.3 93.8





#67

Ethyl Benzene

Concen: 46.716 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 516802

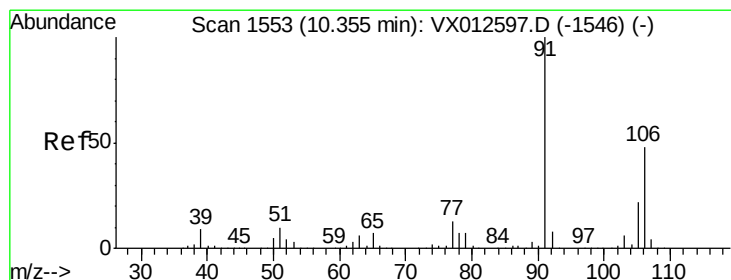
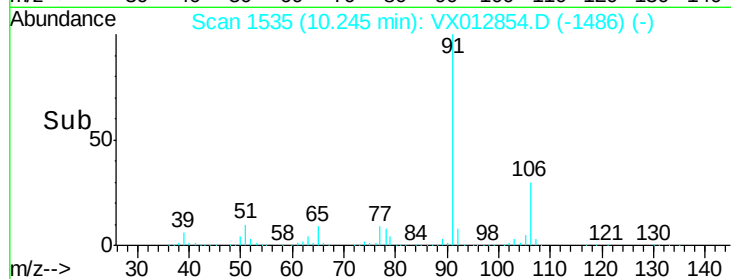
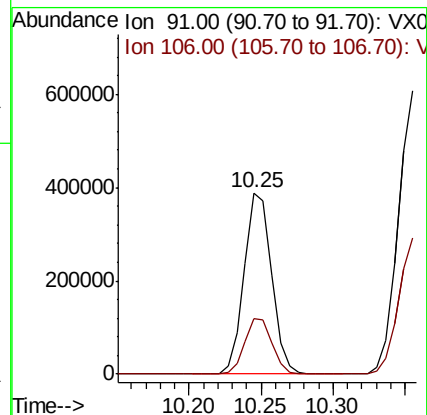
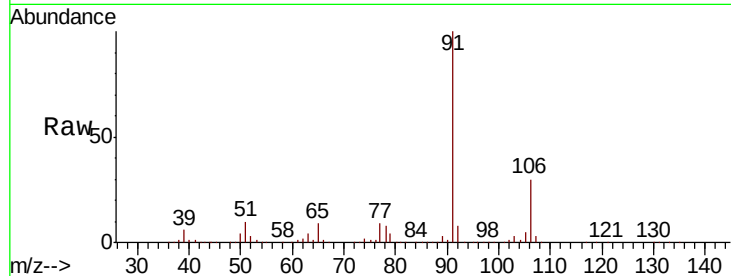
Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 91.781 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012854.D

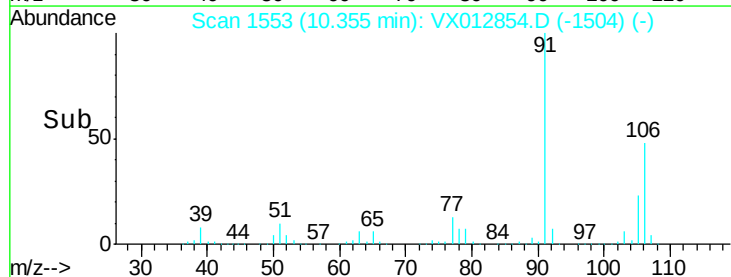
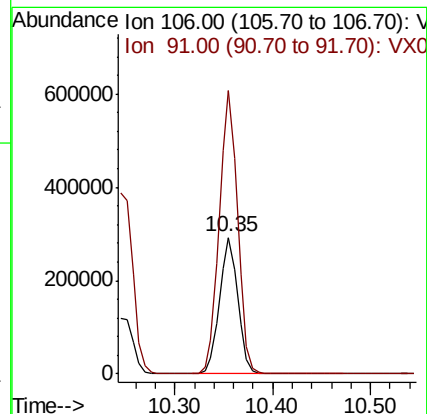
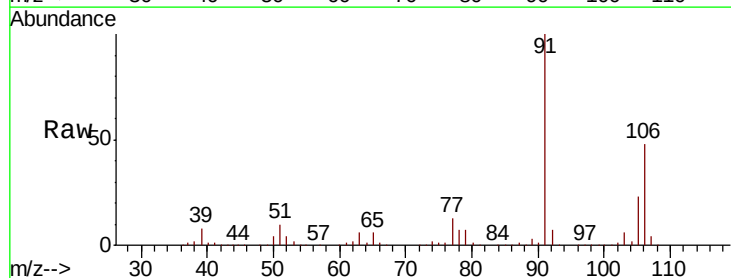
Acq: 07 Oct 2019 21:27

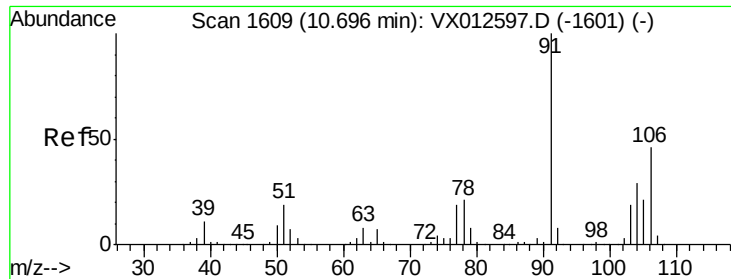
Tgt Ion: 106 Resp: 380349

Ion Ratio Lower Upper

106 100

91 208.5 166.6 250.0





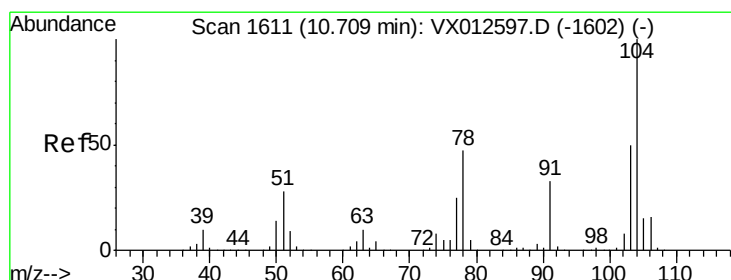
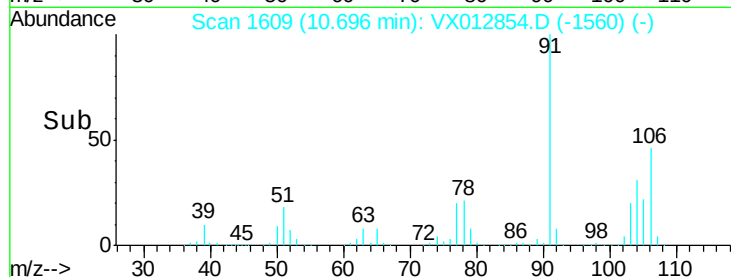
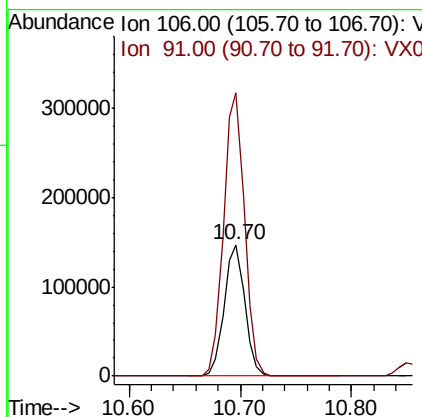
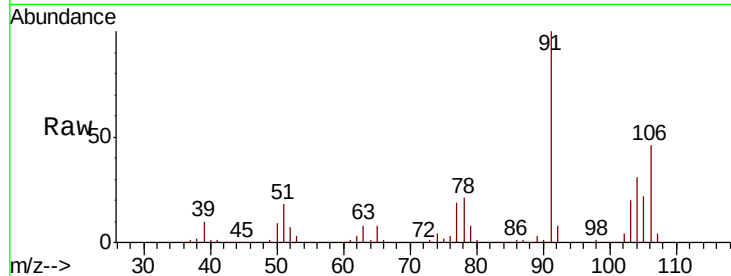
#69
o-Xylene
Concen: 46.919 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		188141		
91	218.9	109.4	328.2		

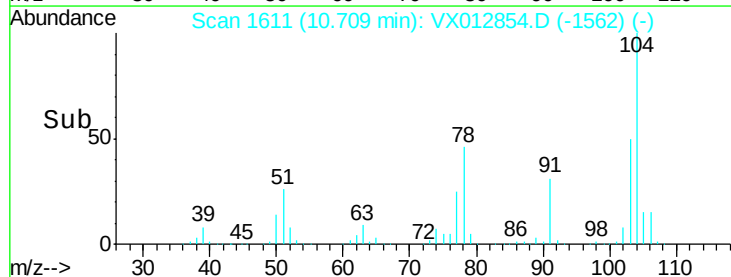
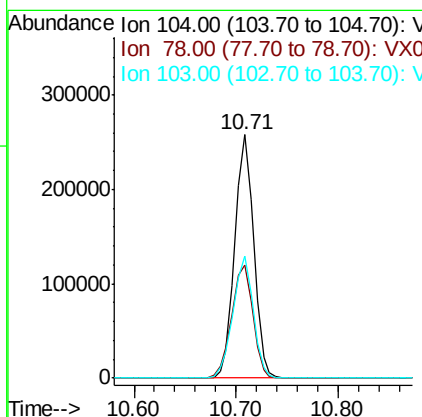
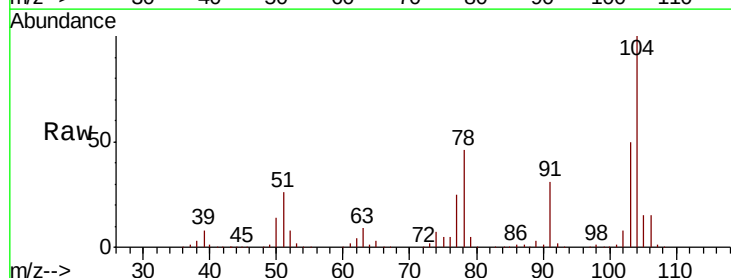
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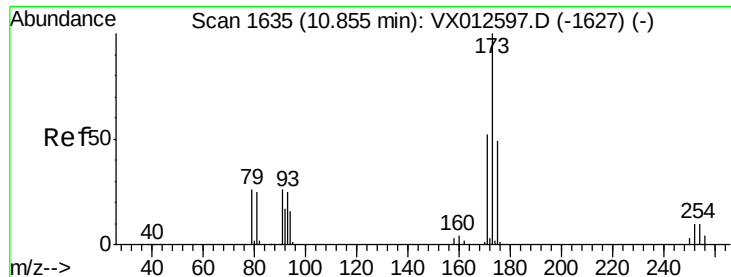
MMDadoda
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#70
Styrene
Concen: 49.050 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		329727		
78	52.5	43.4	65.2		
103	53.4	43.3	64.9		





#71

Bromoform

Concen: 52.125 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 80210

Ion Ratio Lower Upper

173 100

175 47.6 23.7 71.1

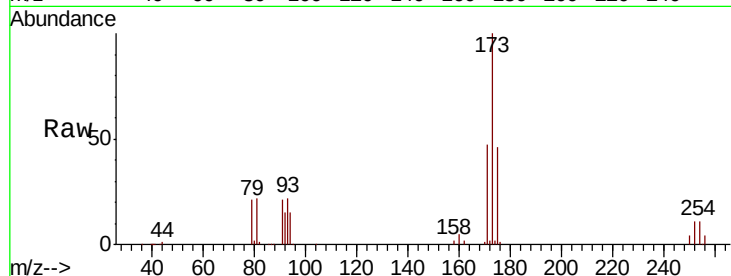
254 0.1 0.1 0.1

Manual Integrations

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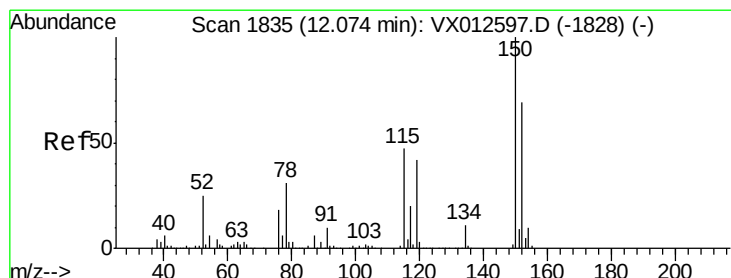
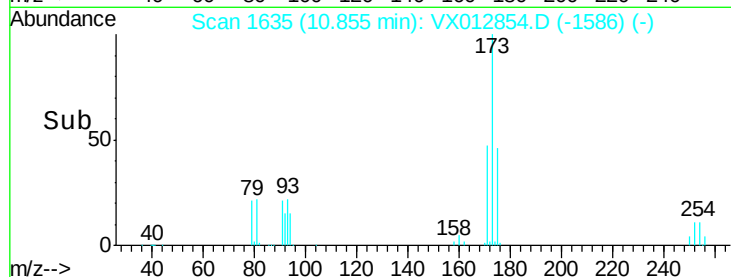
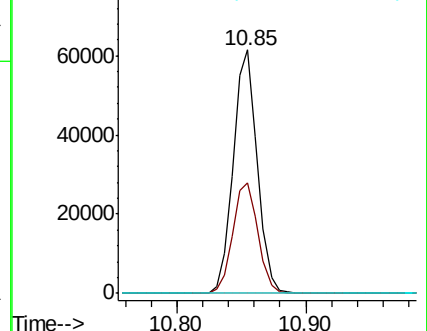
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

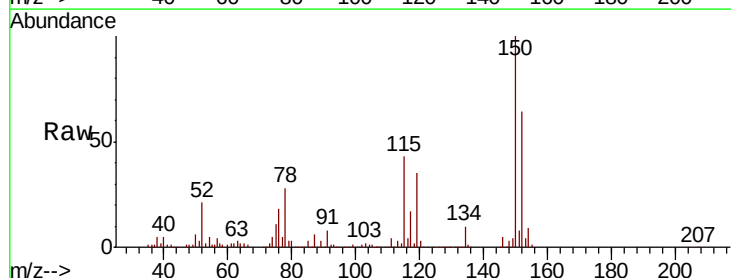
Tgt Ion:152 Resp: 138954

Ion Ratio Lower Upper

152 100

115 86.8 44.1 132.3

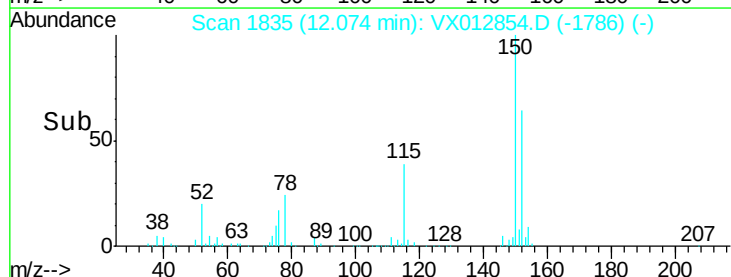
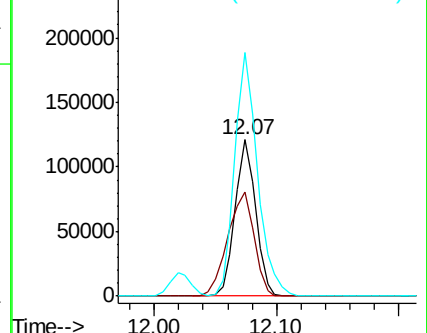
150 174.5 0.0 343.8

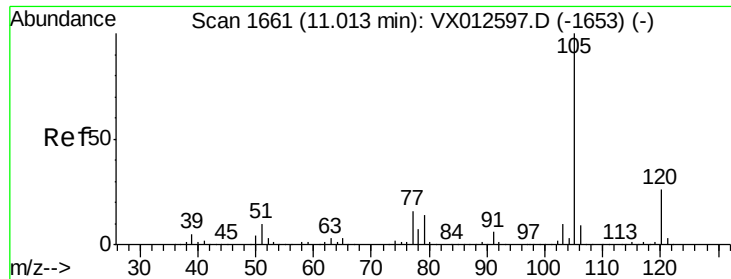


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.903 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 508180

Ion Ratio Lower Upper

105 100

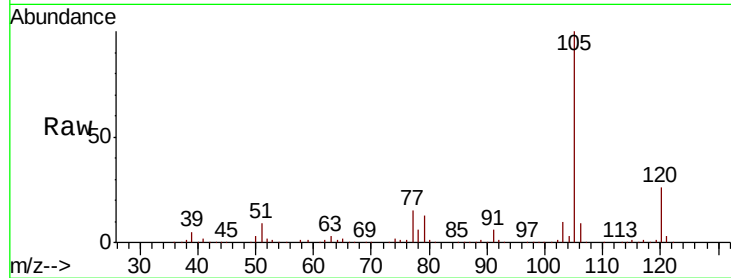
120 25.6 12.9 38.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

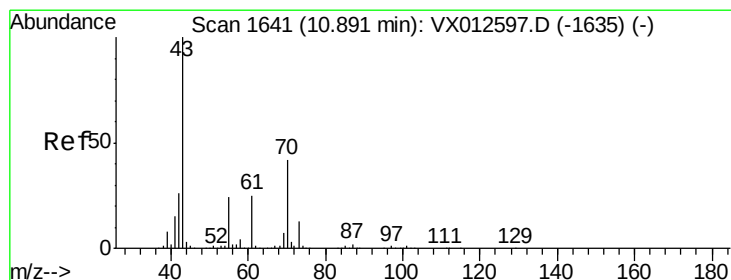
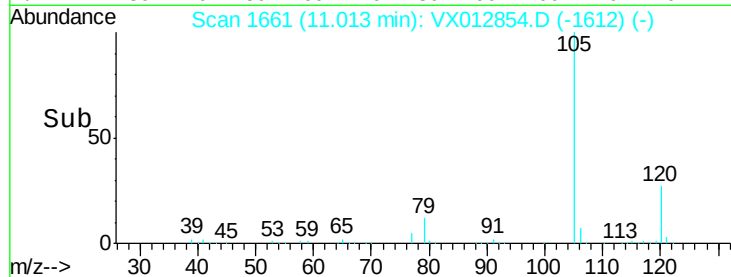
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 44.811 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion: 43 Resp: 241940

Ion Ratio Lower Upper

43 100

70 45.4 32.4 48.6

55 24.2 18.2 27.4

61 25.7 18.5 27.7

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

300000

250000

200000

150000

100000

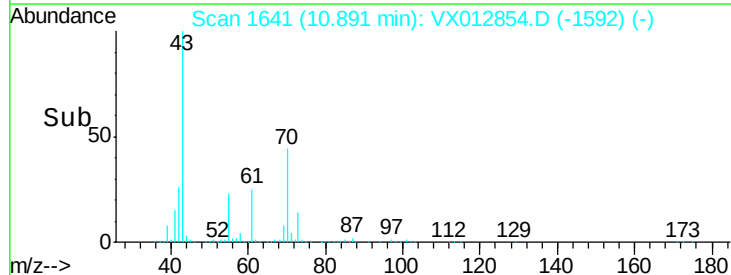
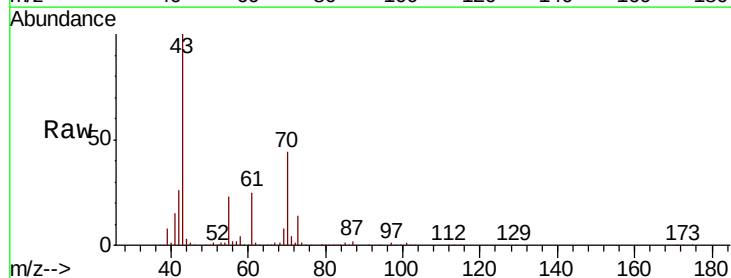
50000

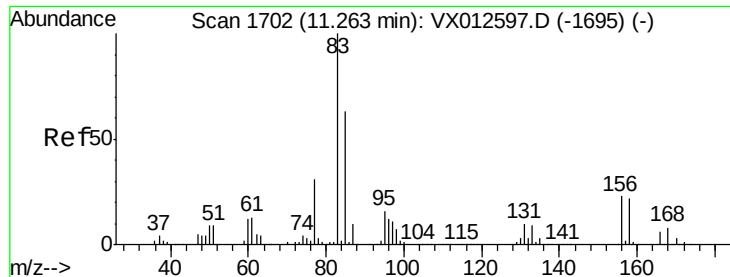
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.893 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

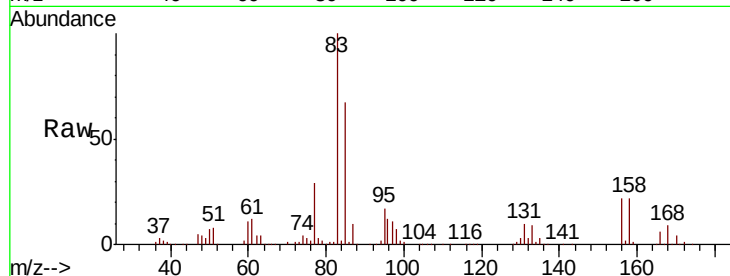
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	175761
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.6	32.0	96.0

Manual Integrations
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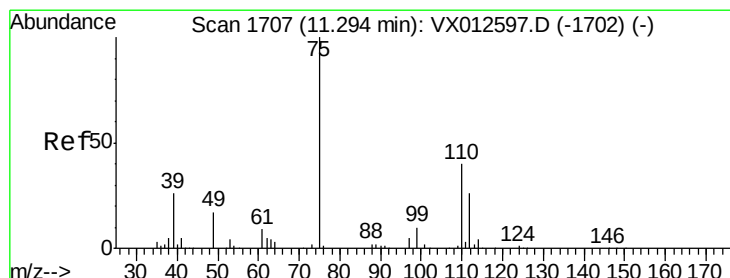
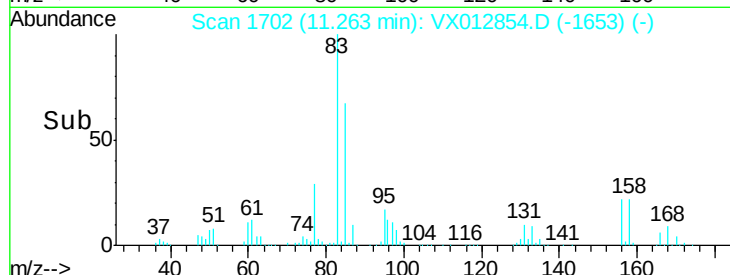
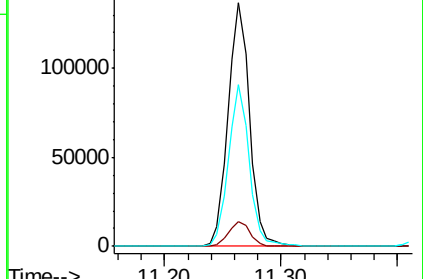
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 44.689 ug/l m

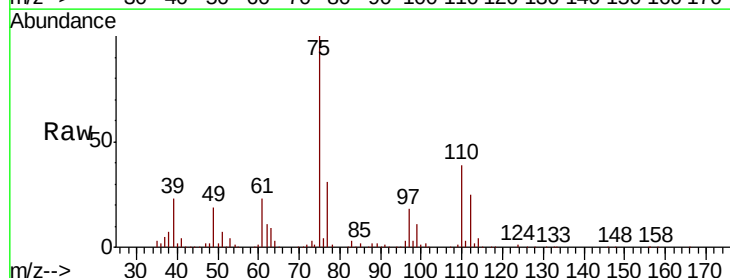
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012854.D

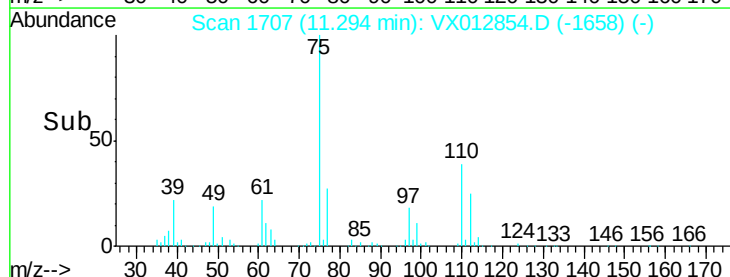
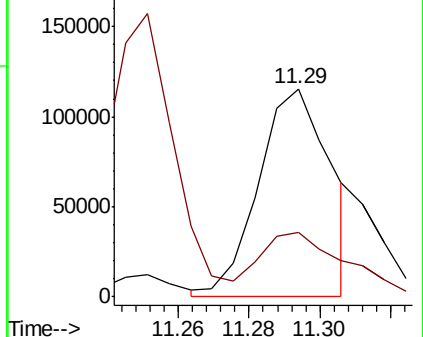
Acq: 07 Oct 2019 21:27

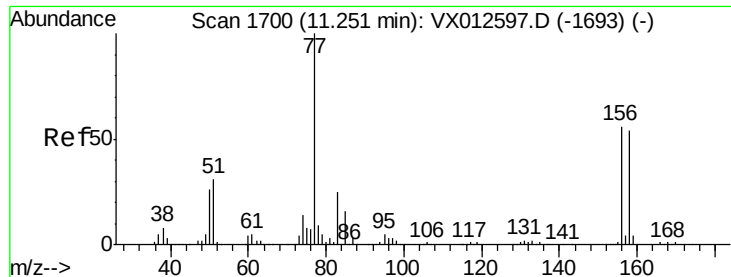
Tgt Ion:	75	Resp:	164262
Ion Ratio	Lower	Upper	
75	100		
77	37.2	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.266 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

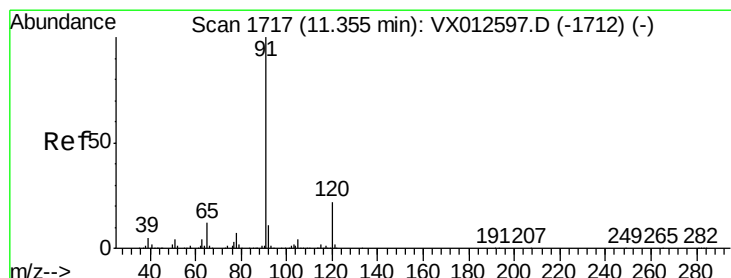
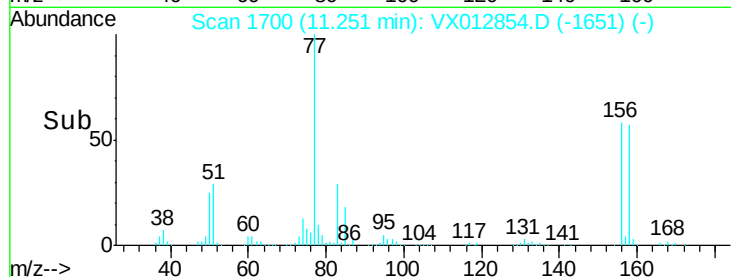
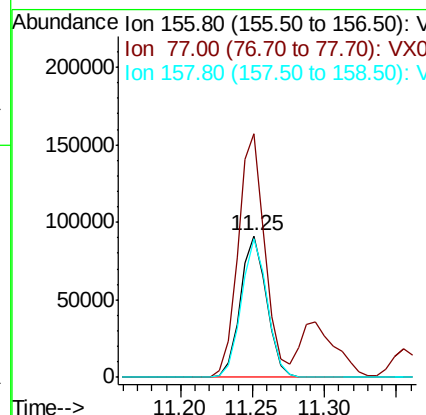
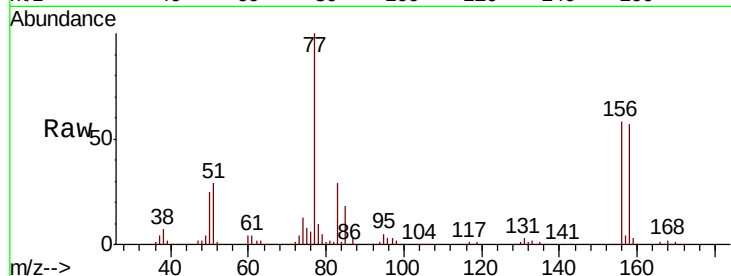
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	115945
Ion Ratio	Lower	Upper	
156	100		
77	176.1	87.3	261.8
158	96.5	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 44.045 ug/l

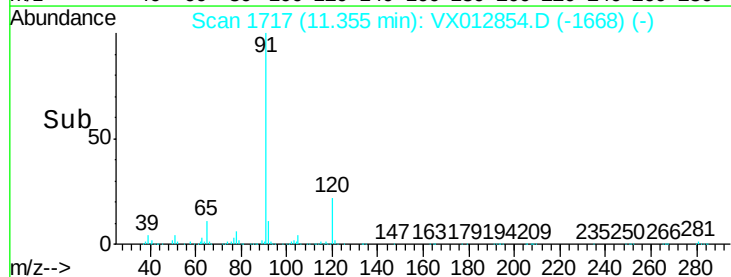
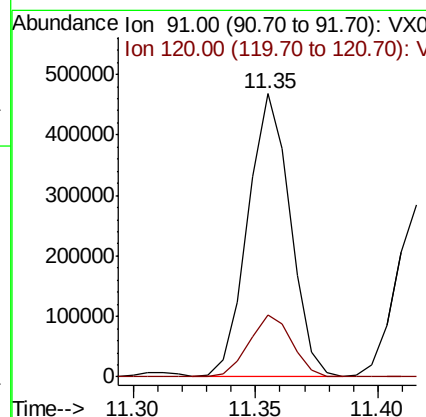
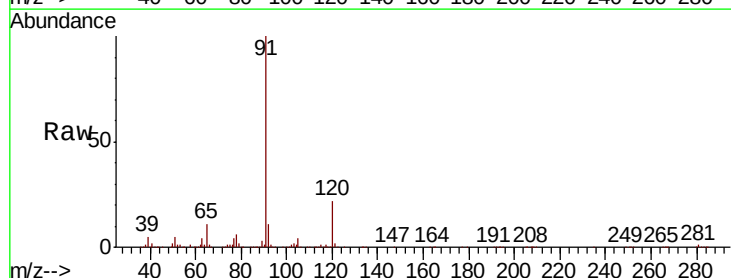
RT: 11.35 min Scan# 1717

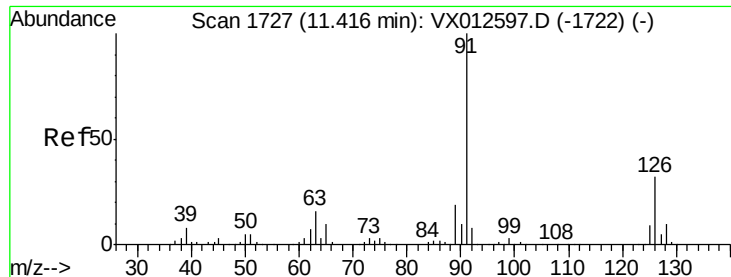
Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion:	91	Resp:	561197
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 43.814 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 348245

Ion Ratio Lower Upper

91 100

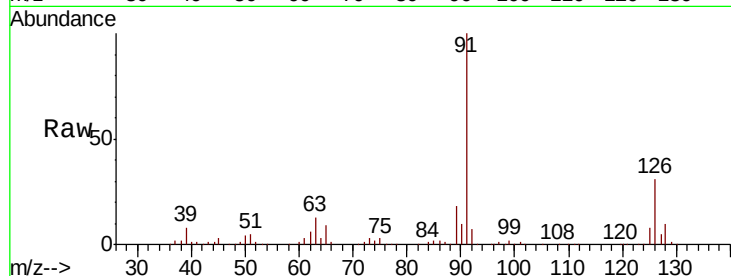
126 32.1 16.4 49.4

Manual Integrations

APPROVED

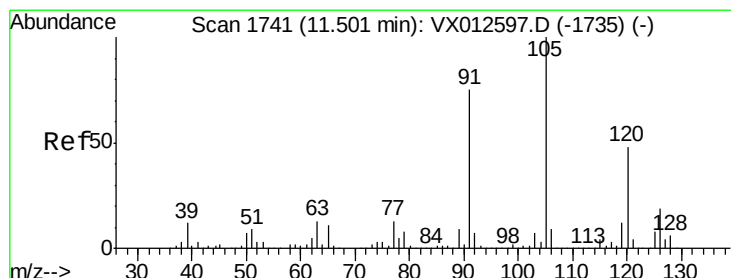
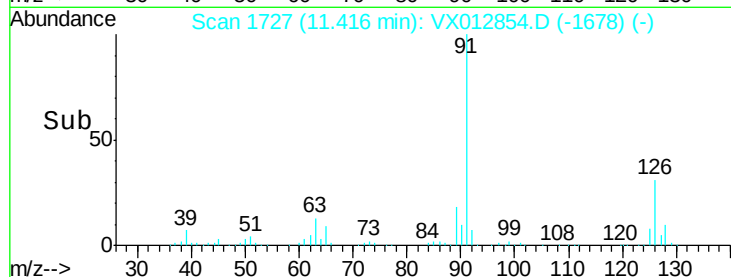
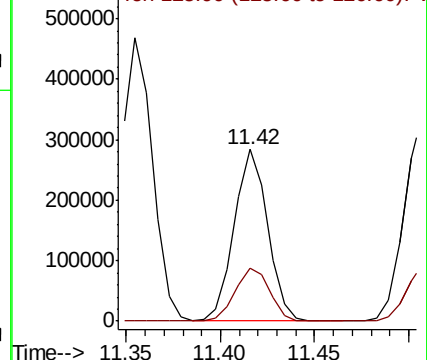
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 45.580 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012854.D

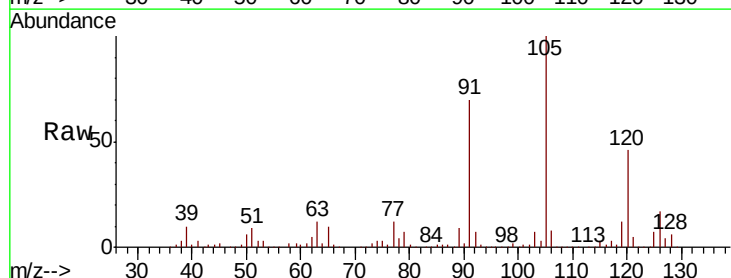
Acq: 07 Oct 2019 21:27

Tgt Ion: 105 Resp: 432581

Ion Ratio Lower Upper

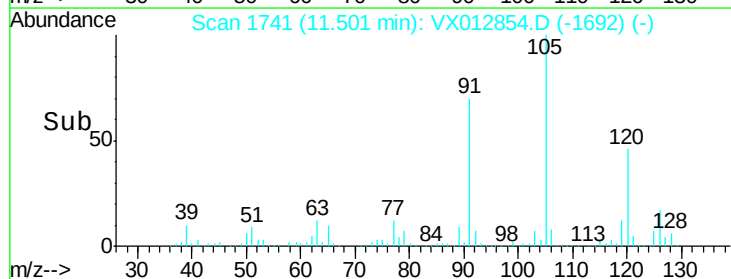
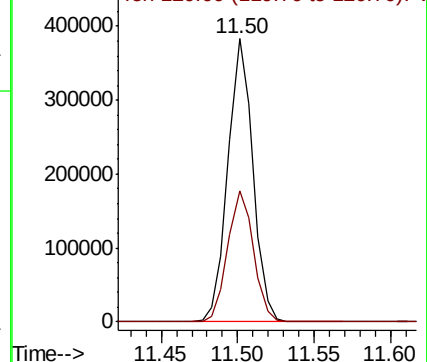
105 100

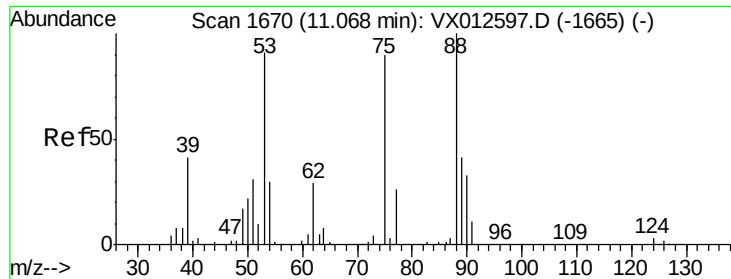
120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





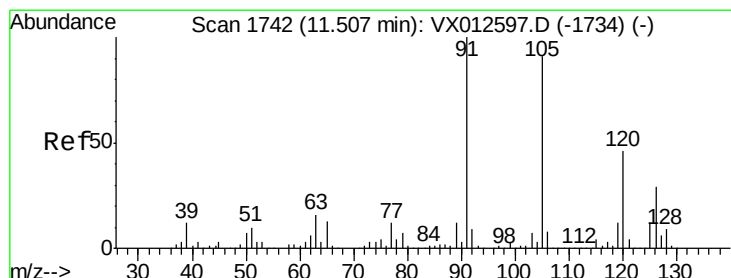
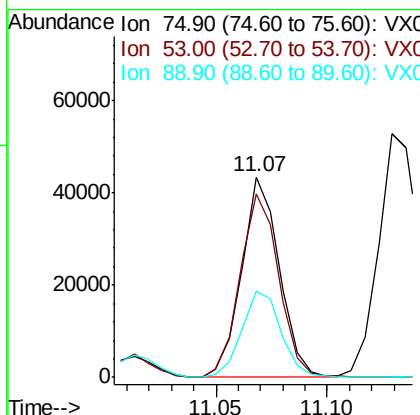
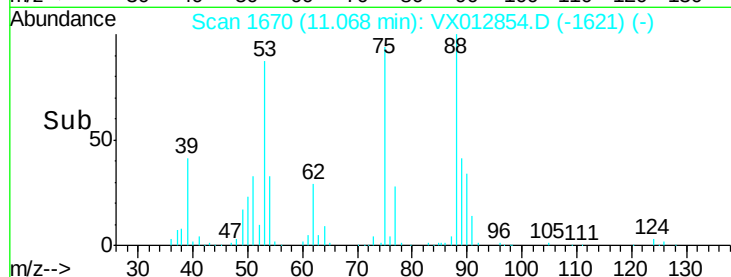
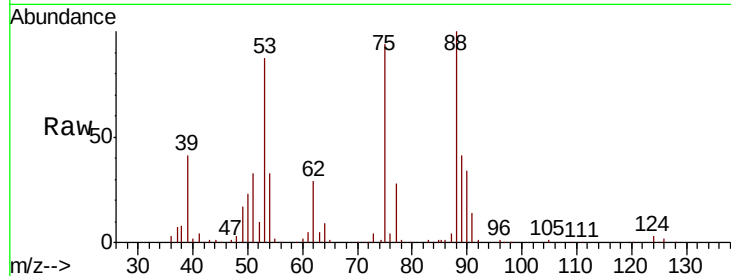
#81
trans-1,4-Dichloro-2-butene
Concen: 40.154 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	83.6	125.4
89	44.8	36.3	54.5

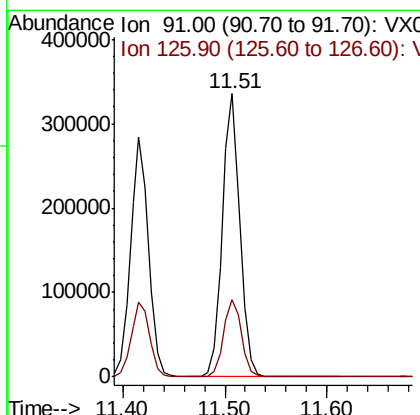
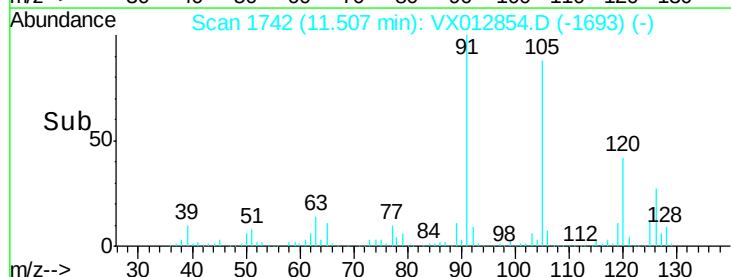
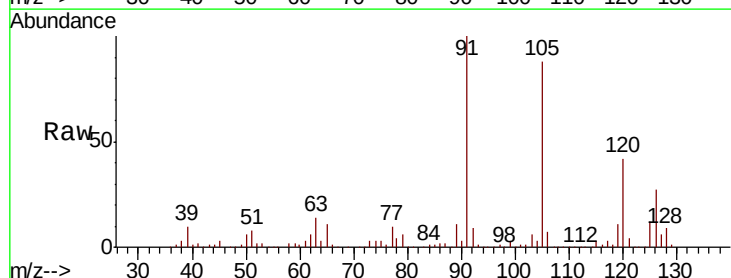
Manual Integrations
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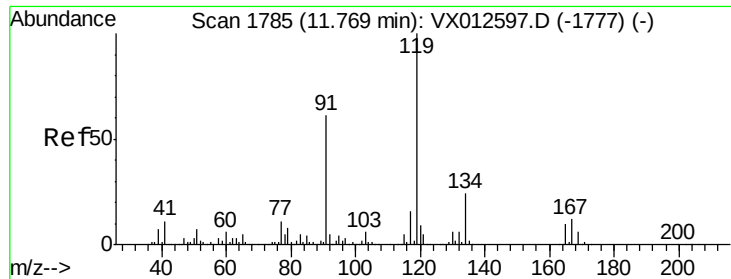
MMDadoda
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#82
4-Chlorotoluene
Concen: 44.318 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.4	43.0





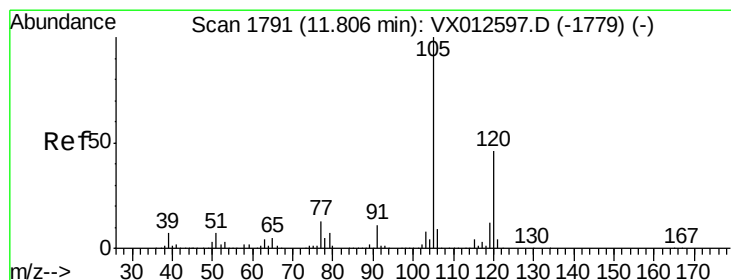
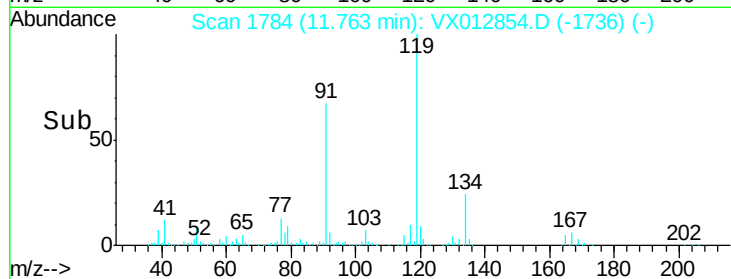
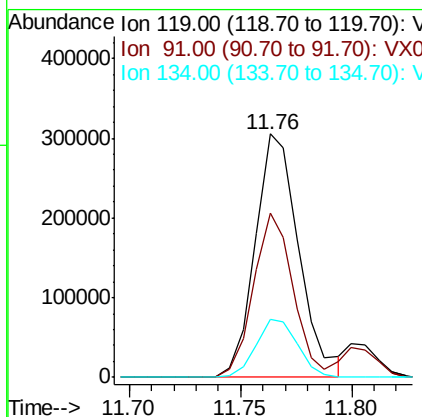
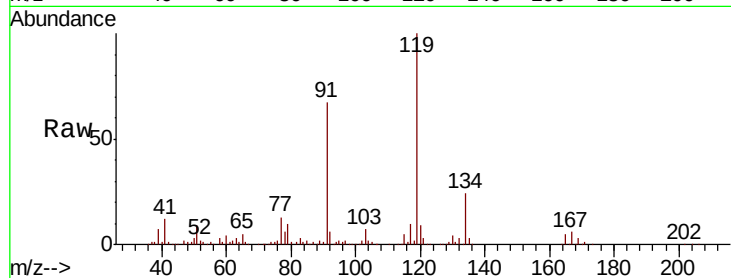
#83
 tert-Butylbenzene
 Concen: 45.556 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.0	90.0
134	22.8	11.3	33.9

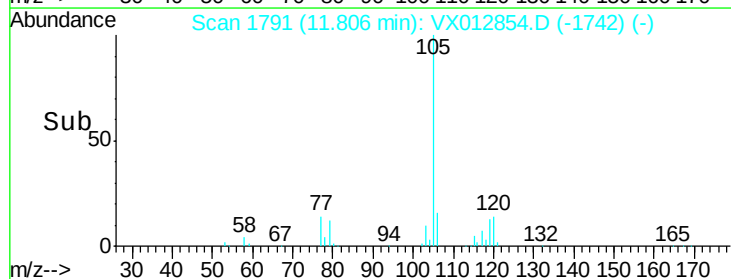
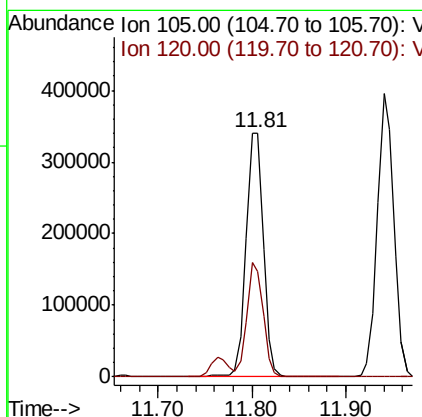
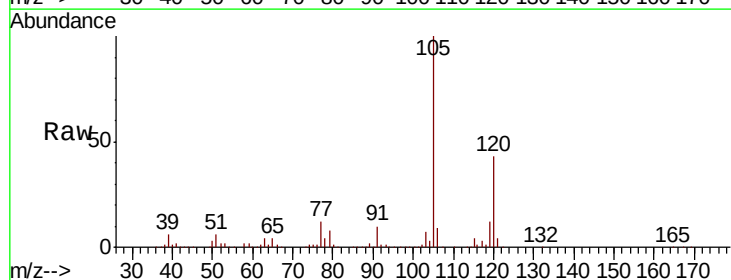
Manual Integrations
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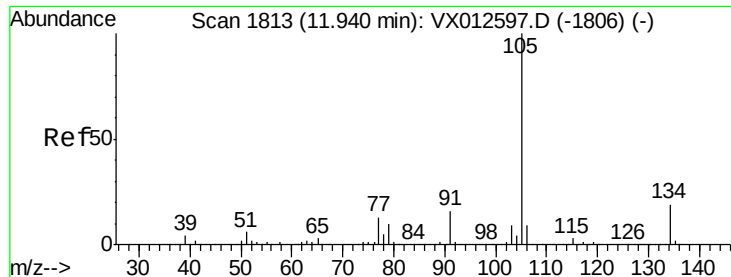
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.606 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6





#85

sec-Butylbenzene

Concen: 45.374 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 483153

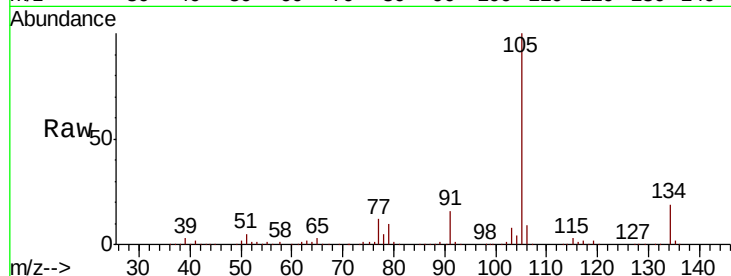
Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4

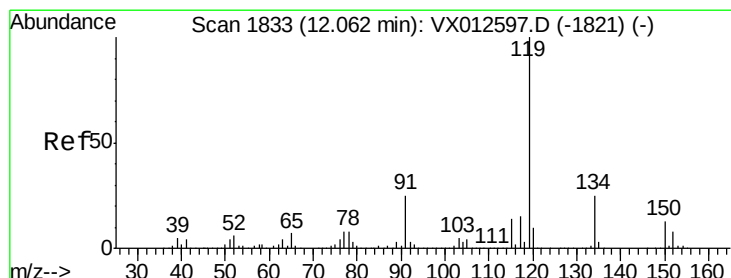
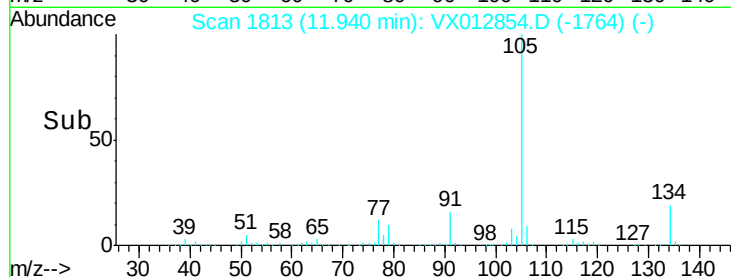
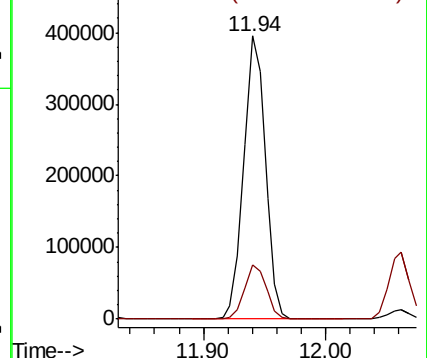
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.386 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

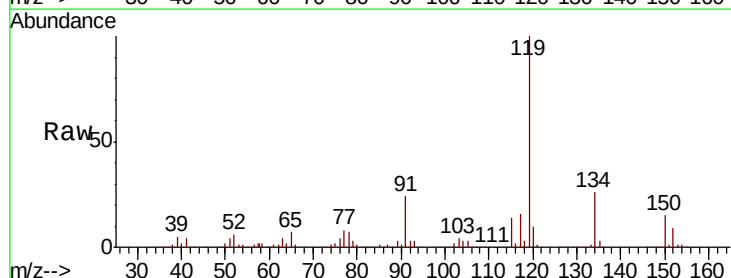
Tgt Ion:119 Resp: 445672

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

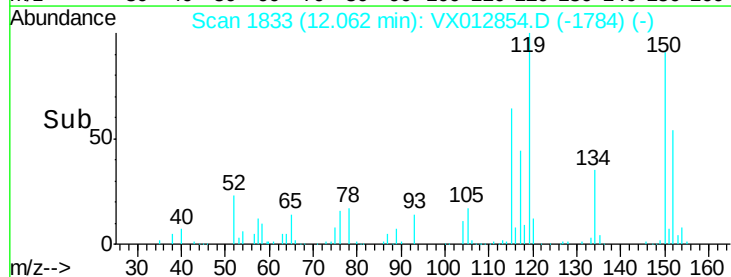
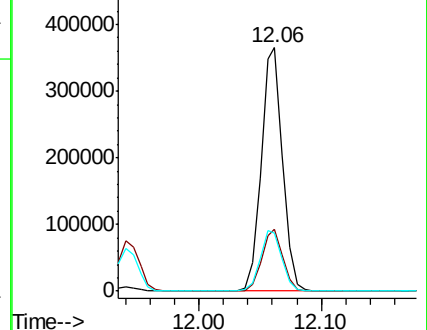
91 25.3 12.8 38.4

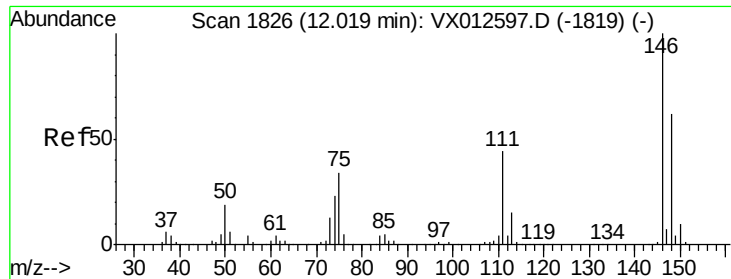


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





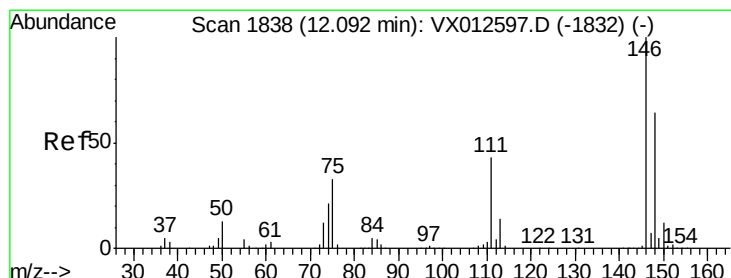
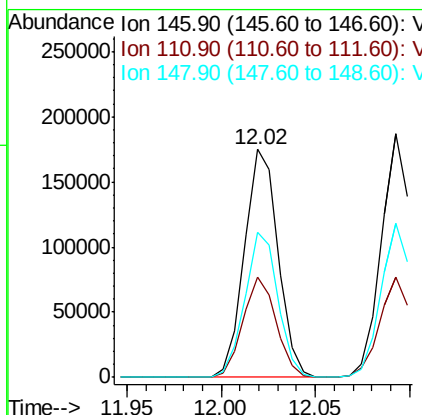
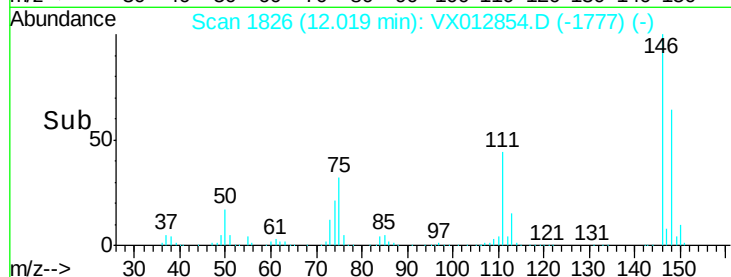
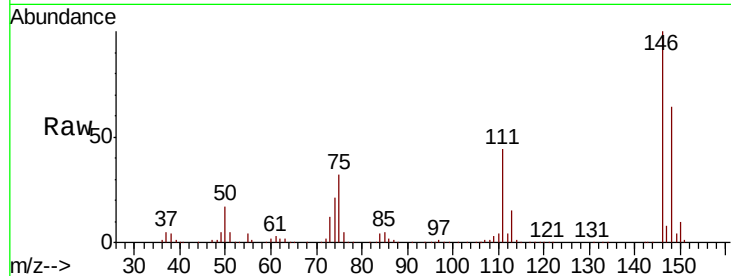
#87
 1,3-Dichlorobenzene
 Concen: 47.054 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	64.0
148	62.9	32.4	97.2

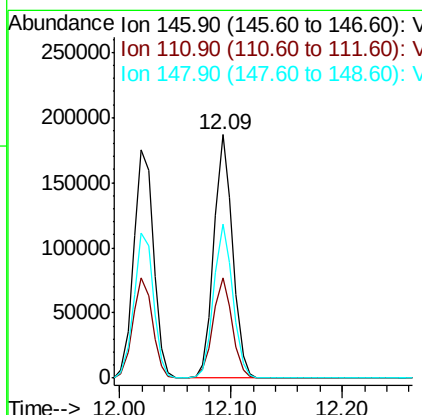
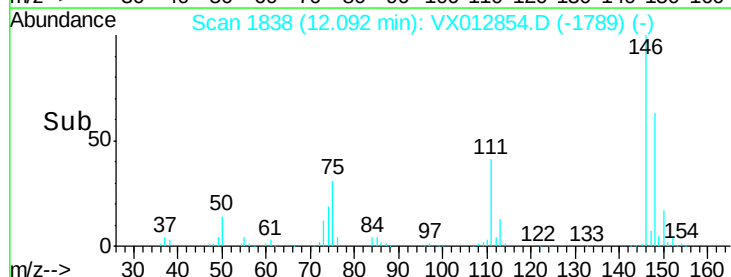
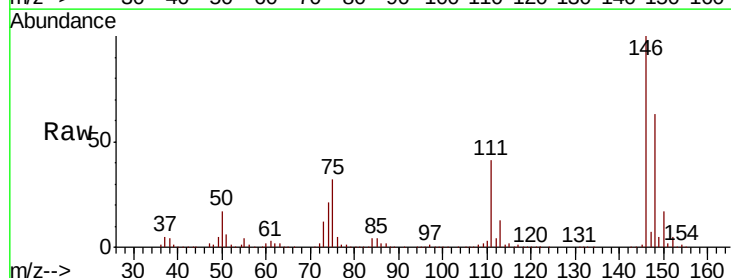
Manual Integrations
 APPROVED

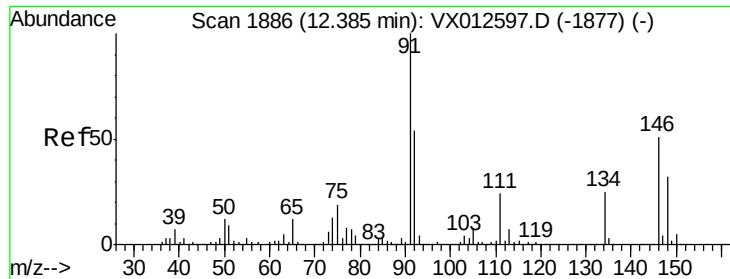
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#88
 1,4-Dichlorobenzene
 Concen: 46.634 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.3
148	64.5	32.1	96.5





#89

n-Butylbenzene

Concen: 44.978 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_X

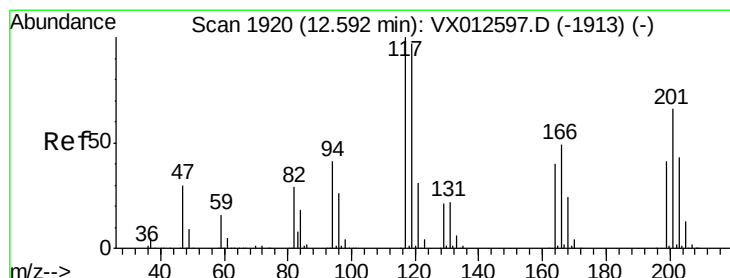
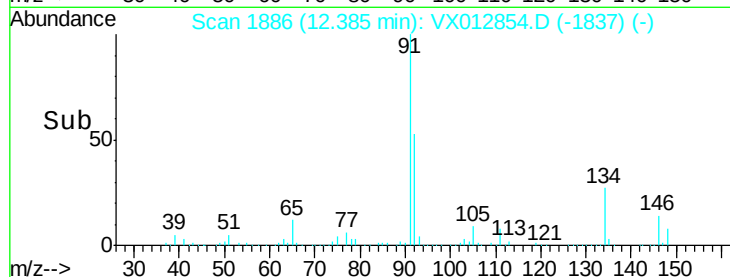
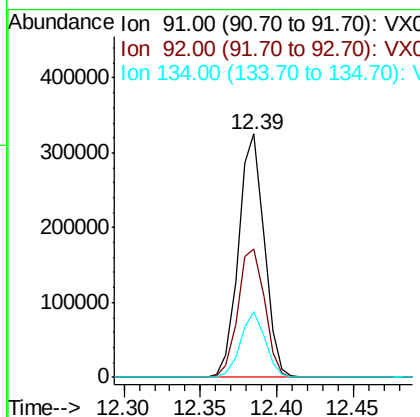
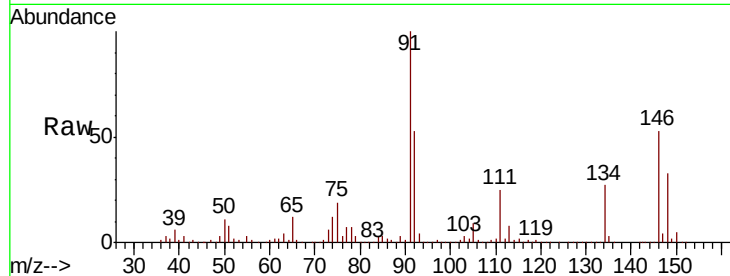
ClientSampled :

VSTDCCC050EC

Tot Ion:	91	Resp:	380807
Ion Ratio	Lower	Upper	
91	100		
92	54.7	27.7	83.0
134	25.7	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 44.138 ug/l

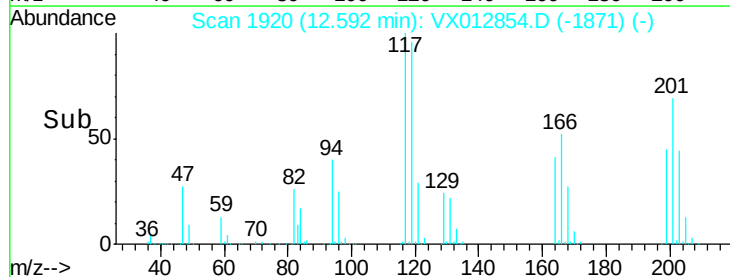
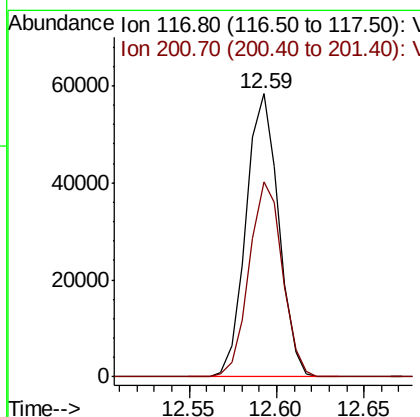
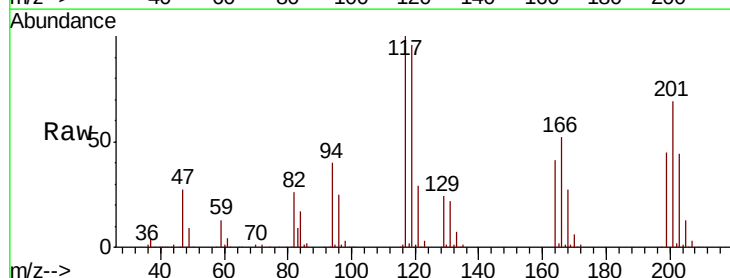
RT: 12.59 min Scan# 1920

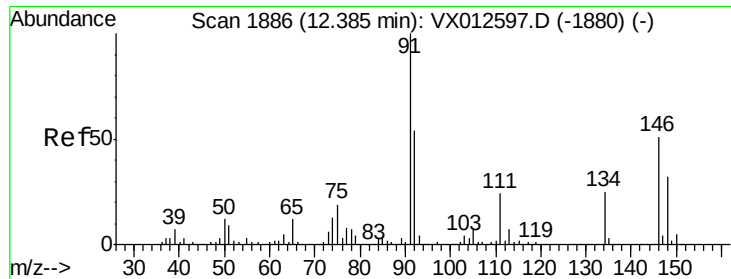
Delta R.T. 0.00 min

Lab File: VX012854.D

Acq: 07 Oct 2019 21:27

Tgt Ion:	117	Resp:	75605
Ion Ratio	Lower	Upper	
117	100		
201	70.4	33.3	99.8





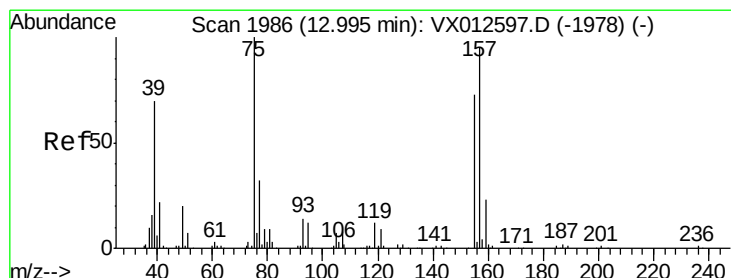
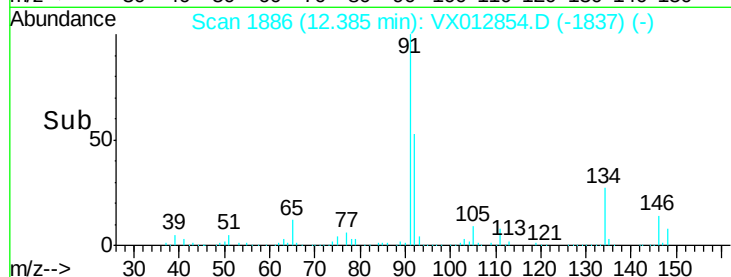
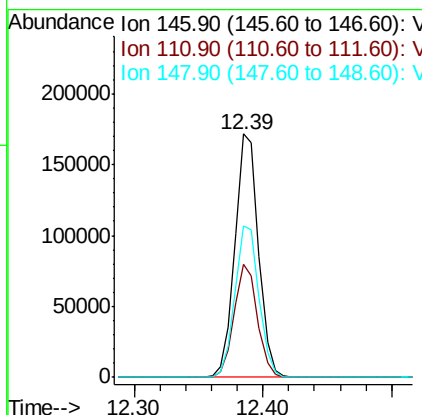
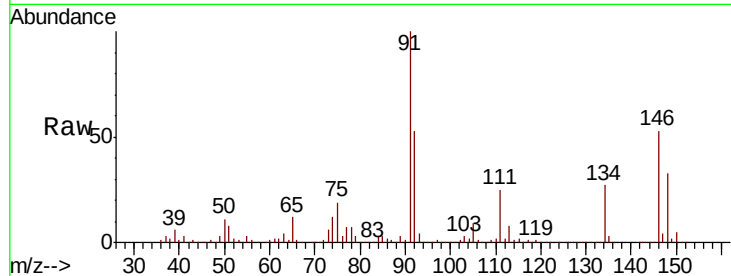
#91
 1,2-Dichlorobenzene
 Concen: 47.443 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.1	66.1
148	63.6	31.3	93.9

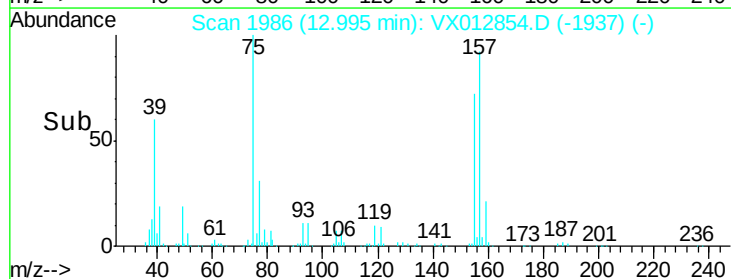
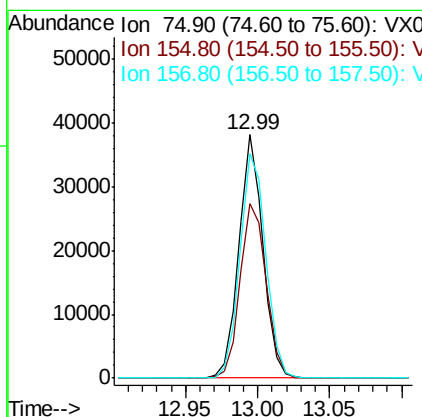
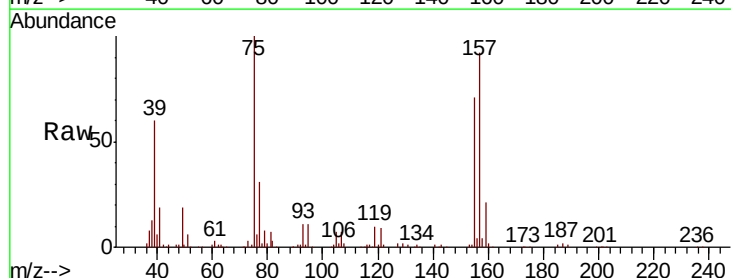
Manual Integrations
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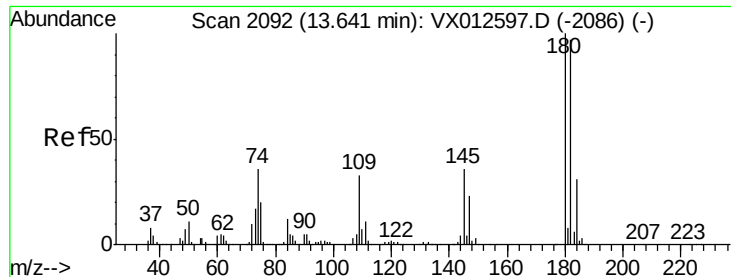
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 10/8/2019 2:07:06 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.133 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	38.6	115.8
157	99.4	50.6	151.9





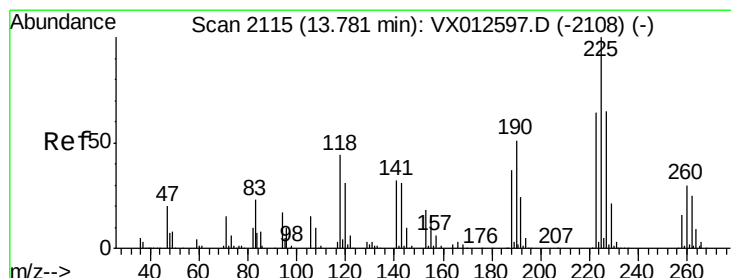
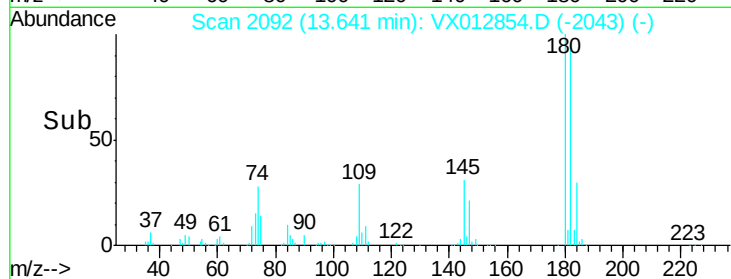
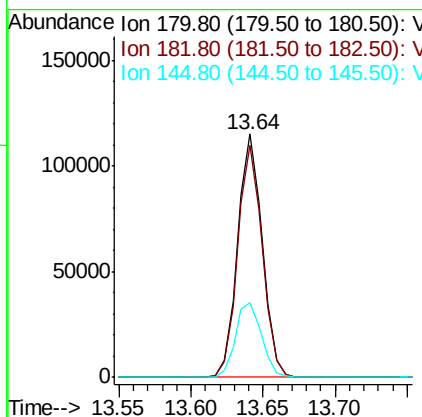
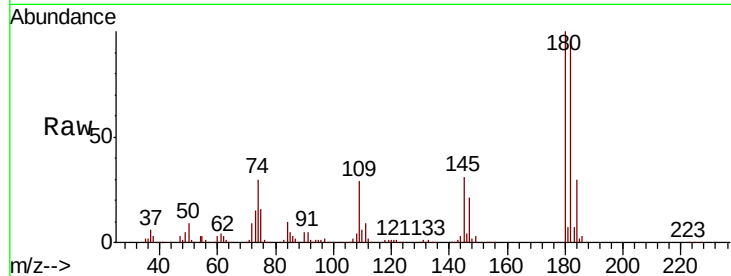
#93
 1,2,4-Trichlorobenzene
 Concen: 48.742 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	137178		
182	95.3	47.0	141.0	
145	32.7	16.8	50.4	

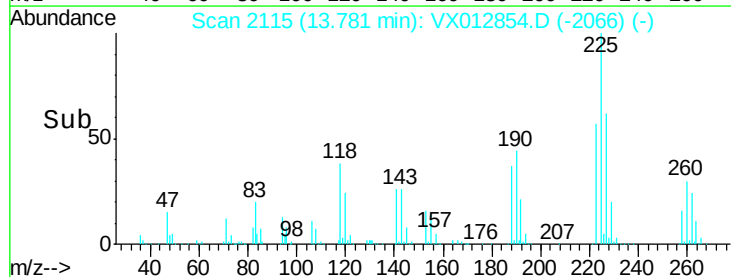
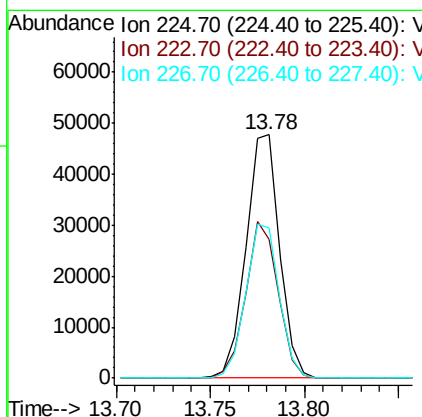
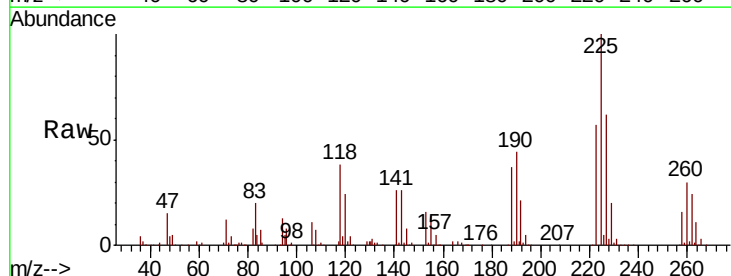
Manual Integrations
 APPROVED

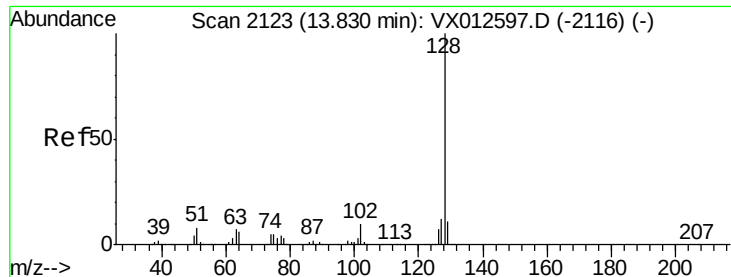
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 48.710 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012854.D
 Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58976		
223	62.2	32.0	96.2	
227	63.2	31.9	95.5	





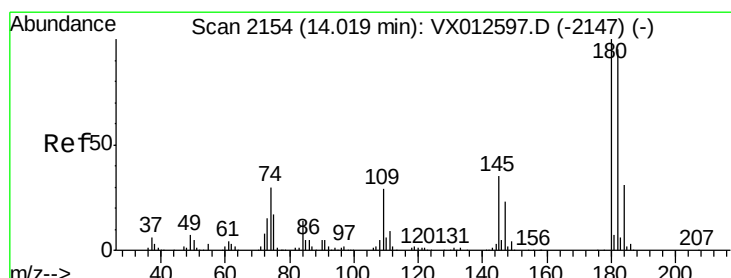
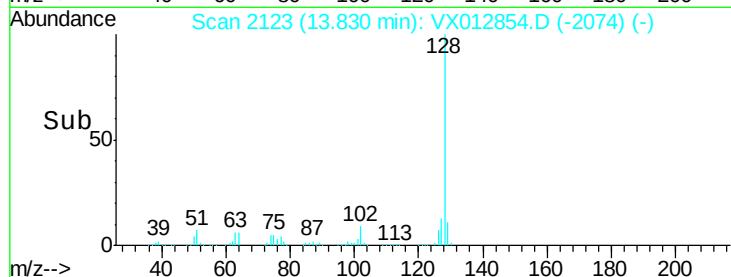
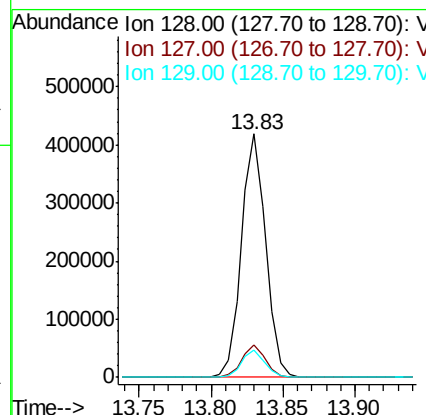
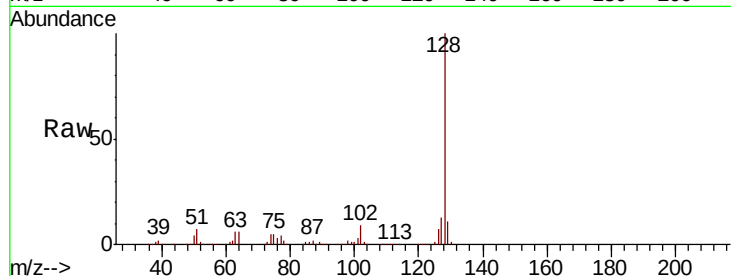
#95
Naphthalene
Concen: 48.427 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	493110		
127	12.9		10.2	15.4
129	10.8		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/8/2019 2:07:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.846 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012854.D
Acq: 07 Oct 2019 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140528		
182	94.0		47.1	141.3
145	34.5		18.0	54.0

