

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012489.D
 Acq On : 18 Sep 2019 21:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 9/19/2019 1:06:05 PM

Quant Time: Sep 19 08:01:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	148885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138262	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	102807	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	8.71	98	379646	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	153241	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61754	46.069	ug/l	99
3) Chloromethane	1.32	50	52826	47.792	ug/l	100
4) Vinyl Chloride	1.40	62	60153	50.352	ug/l	98
5) Bromomethane	1.62	94	20908	44.547	ug/l	98
6) Chloroethane	1.70	64	40344	43.155	ug/l	97
7) Trichlorofluoromethane	1.92	101	111149	50.753	ug/l	97
8) Diethyl Ether	2.18	74	47514	48.035	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79682	50.288	ug/l	98
10) Methyl Iodide	2.50	142	59233	44.134	ug/l	98
11) Tert butyl alcohol	3.04	59	179551	245.615	ug/l	99
12) 1,1-Dichloroethene	2.36	96	64142	50.744	ug/l	98
13) Acrolein	2.28	56	55323	218.437	ug/l	100
14) Allyl chloride	2.72	41	144018	48.939	ug/l	99
15) Acrylonitrile	3.13	53	310162	248.397	ug/l	99
16) Acetone	2.44	43	285010	215.369	ug/l	98
17) Carbon Disulfide	2.56	76	80916	45.435	ug/l	98
18) Methyl Acetate	2.76	43	146872	48.915	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	344360	49.966	ug/l	99
20) Methylene Chloride	2.84	84	85902	49.259	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	66342	50.542	ug/l	93
22) Diisopropyl ether	3.84	45	340240	49.379	ug/l	98
23) Vinyl Acetate	3.80	43	1442869	254.559	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167703	50.868	ug/l	99
25) 2-Butanone	4.66	43	460796	230.539	ug/l	99
26) 2,2-Dichloropropane	4.57	77	134239	41.402	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98694	50.333	ug/l	95
28) Bromochloromethane	5.01	49	72941	42.916	ug/l	97
29) Tetrahydrofuran	5.12	42	280817	254.317	ug/l	99
30) Chloroform	5.20	83	183965	48.588	ug/l	97
31) Cyclohexane	5.57	56	102240	51.373	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	157641	49.815	ug/l	99
36) 1,1-Dichloropropene	5.79	75	101806	49.556	ug/l	98
37) Ethyl Acetate	4.82	43	164842	52.274	ug/l	98
38) Carbon Tetrachloride	5.77	117	128715	50.377	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101906	51.027	ug/l	98
40) Benzene	6.13	78	335433	51.346	ug/l	99
41) Methacrylonitrile	5.03	41	96335	47.444	ug/l	97
42) 1,2-Dichloroethane	6.18	62	147154	48.566	ug/l	100
43) Isopropyl Acetate	6.43	43	286450	50.611	ug/l	100
44) Trichloroethene	7.20	130	88072	51.250	ug/l	96
45) 1,2-Dichloropropane	7.51	63	100596	50.122	ug/l	100
46) Dibromomethane	7.65	93	65767	50.637	ug/l	99
47) Bromodichloromethane	7.89	83	146429	50.634	ug/l	97
48) Methyl methacrylate	7.76	41	131995	49.474	ug/l	98
49) 1,4-Dioxane	7.73	88	65315	1005.865	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	927597	249.913	ug/l	99
52) Toluene	8.78	92	217571	51.685	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	154127	51.271	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	161103	51.766	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	108835	50.184	ug/l	98
56) Ethyl methacrylate	9.17	69	175947	51.890	ug/l	98
57) 1,3-Dichloropropane	9.37	76	175670	50.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	473005	269.488	ug/l	100
59) 2-Hexanone	9.49	43	712743	246.137	ug/l	98
60) Dibromochloromethane	9.58	129	118667	53.718	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107214	54.129	ug/l	99
64) Tetrachloroethene	9.33	164	76434	54.959	ug/l	93
65) Chlorobenzene	10.14	112	256215	51.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	110933	53.360	ug/l	99
67) Ethyl Benzene	10.25	91	445384	51.752	ug/l	100
68) m/p-Xylenes	10.35	106	327432	104.566	ug/l	98
69) o-Xylene	10.70	106	170626	52.984	ug/l	99
70) Styrene	10.71	104	304239	53.397	ug/l	98
71) Bromoform	10.85	173	85571	47.931	ug/l #	98
73) Isopropylbenzene	11.01	105	471232	50.444	ug/l	99
74) N-amyl acetate	10.89	43	259527	51.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	183459	50.064	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172932m	50.565	ug/l	
77) Bromobenzene	11.25	156	119449	52.430	ug/l	97
78) n-propylbenzene	11.35	91	529312	50.838	ug/l	99
79) 2-Chlorotoluene	11.42	91	331044	48.874	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405945	50.954	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	54501	44.137	ug/l	97
82) 4-Chlorotoluene	11.51	91	387795	49.885	ug/l	99
83) tert-Butylbenzene	11.77	119	423398	49.596	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	421355	51.509	ug/l	100
85) sec-Butylbenzene	11.94	105	475441	50.541	ug/l	98
86) p-Isopropyltoluene	12.06	119	439459	50.875	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	221075	51.585	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	225765	51.284	ug/l	99
89) n-Butylbenzene	12.39	91	379902	49.292	ug/l	99
90) Hexachloroethane	12.59	117	80534	50.847	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	233175	52.057	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48634	51.192	ug/l	96

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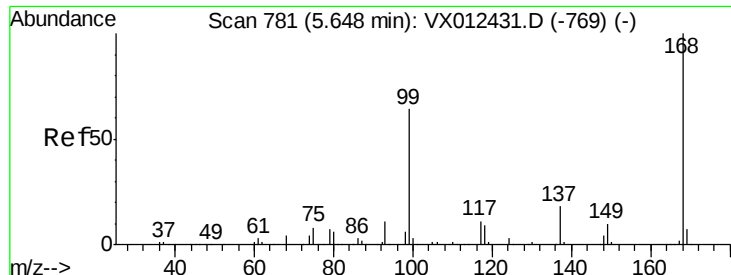
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QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156811	54.351	ug/l	100
94) Hexachlorobutadiene	13.78	225	64648	47.542	ug/l	98
95) Naphthalene	13.83	128	579339	56.433	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	162995	55.440	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 201052

Ion Ratio Lower Upper

168 100

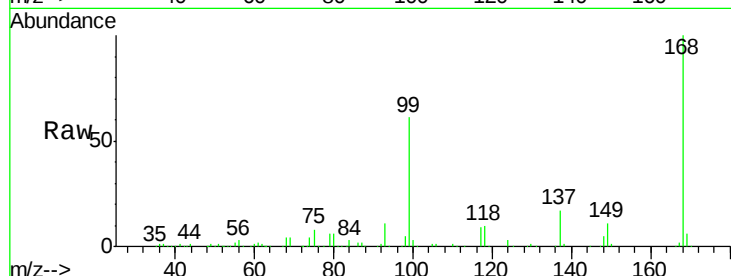
99 60.4 51.4 77.2

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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

80000

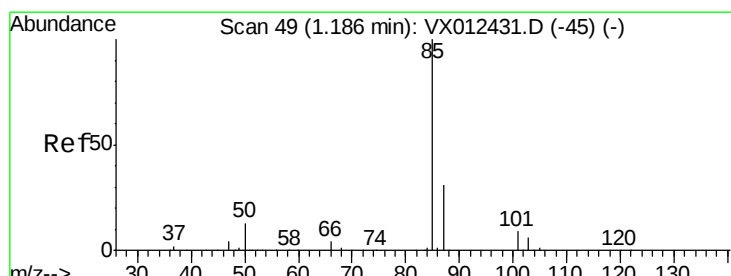
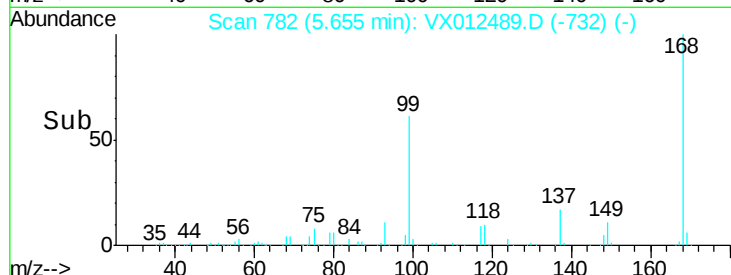
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.069 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012489.D

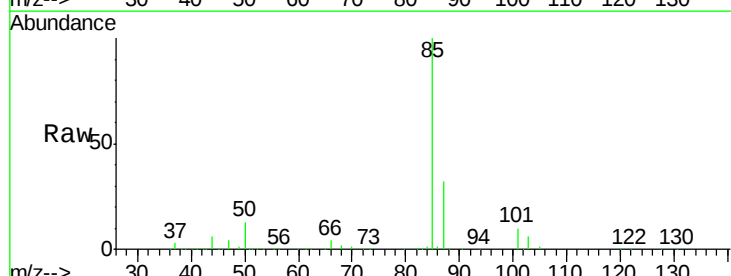
Acq: 18 Sep 2019 21:14

Tgt Ion: 85 Resp: 61754

Ion Ratio Lower Upper

85 100

87 31.6 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

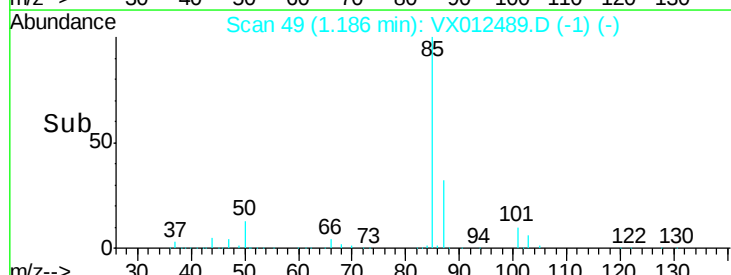
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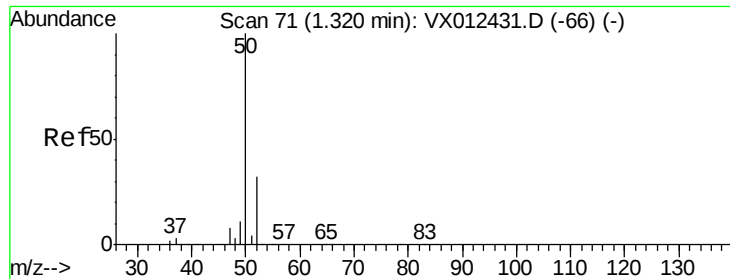
40000

20000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.792 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 52826

Ion Ratio Lower Upper

50 100

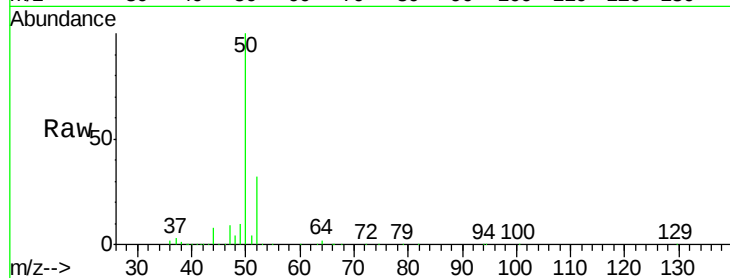
52 31.9 25.7 38.5

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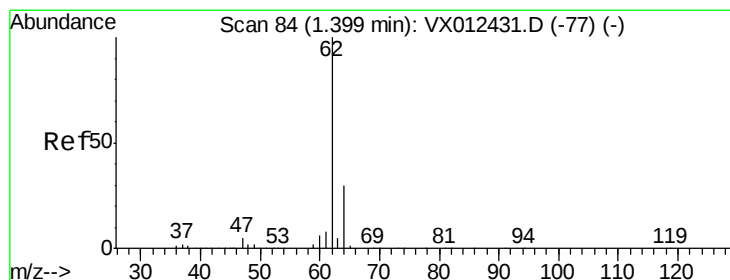
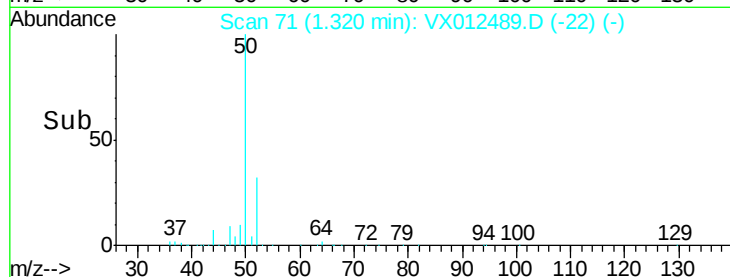
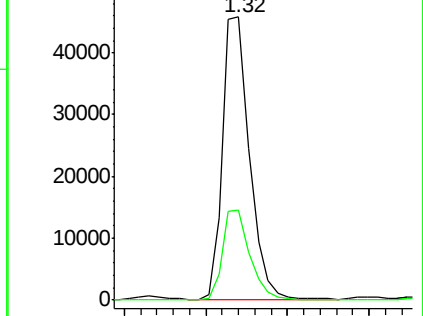
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.352 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012489.D

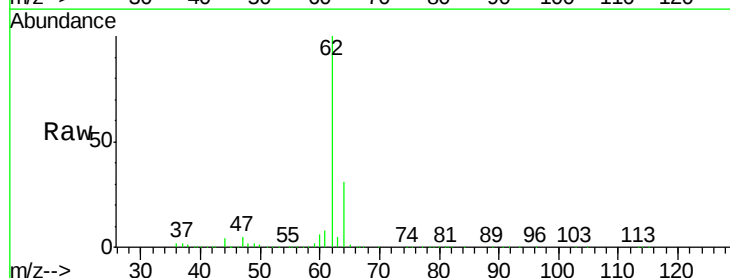
Acq: 18 Sep 2019 21:14

Tgt Ion: 62 Resp: 60153

Ion Ratio Lower Upper

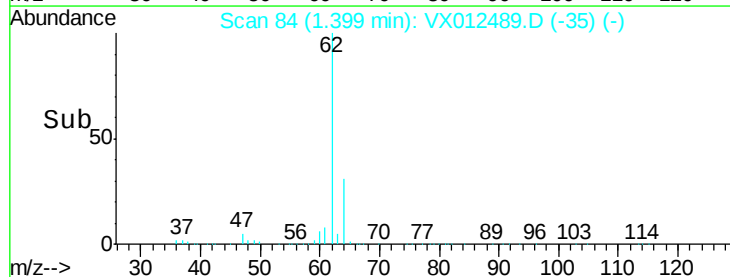
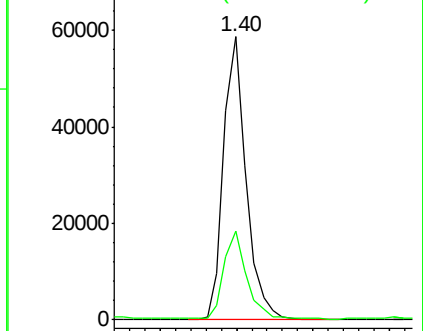
62 100

64 31.0 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: 44.547 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 20908

Ion Ratio Lower Upper

94 100

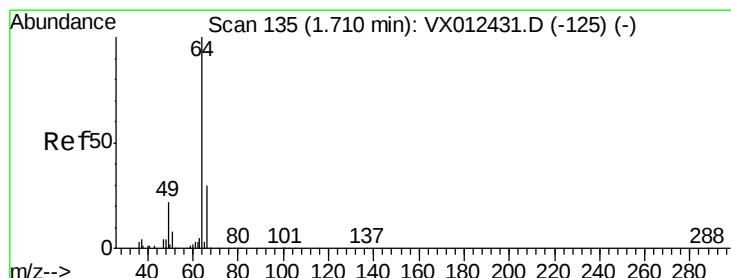
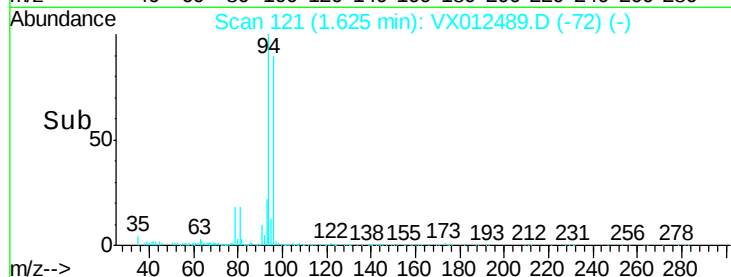
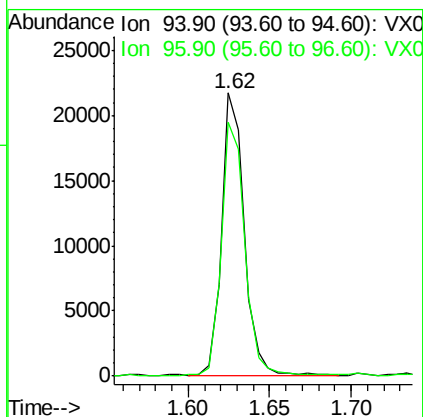
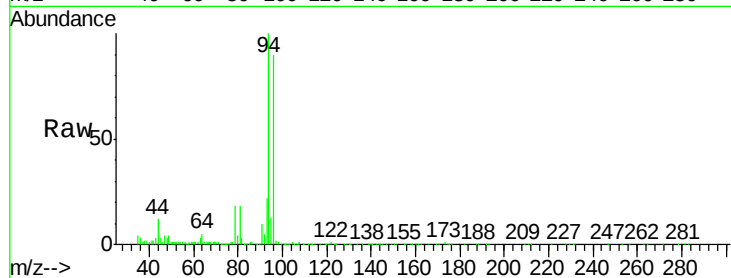
96 89.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 43.155 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012489.D

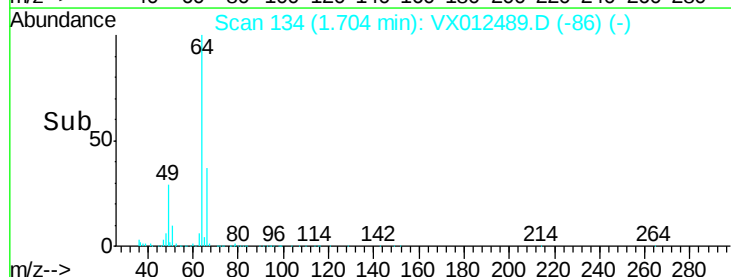
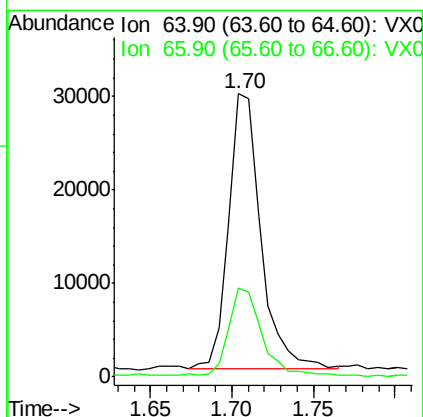
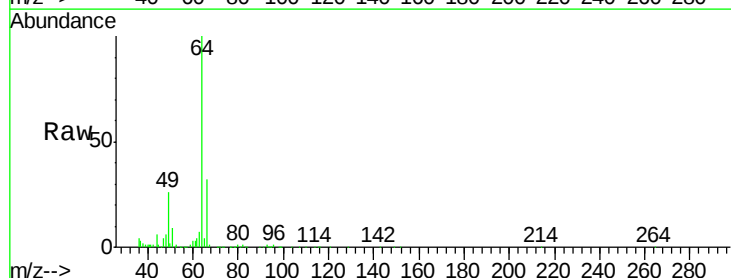
Acq: 18 Sep 2019 21:14

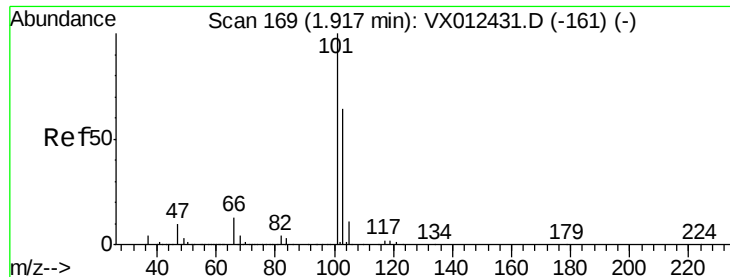
Tgt Ion: 64 Resp: 40344

Ion Ratio Lower Upper

64 100

66 31.8 24.0 36.0





#7

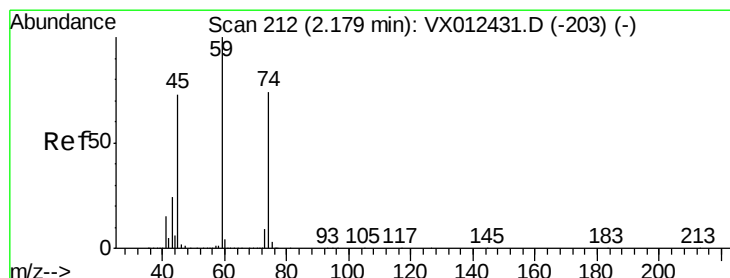
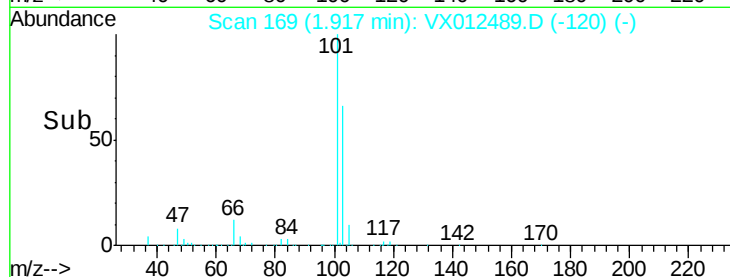
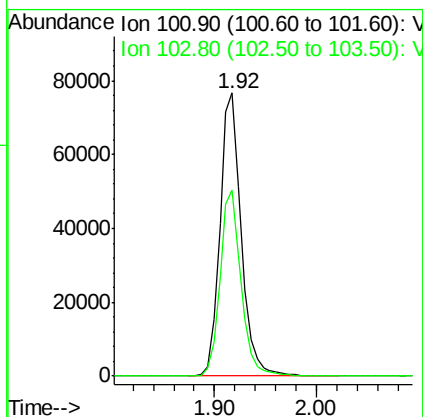
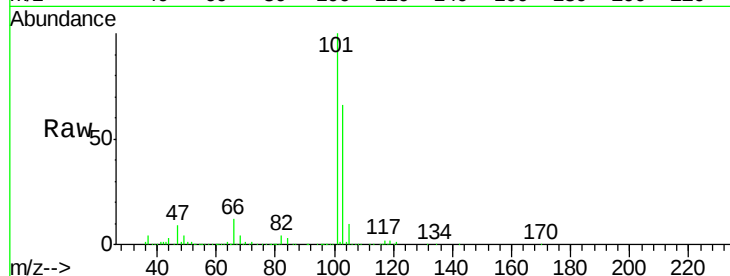
Trichlorofluoromethane
Concen: 50.753 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.0	76.4

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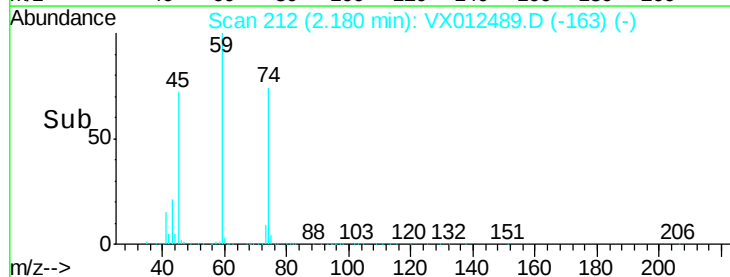
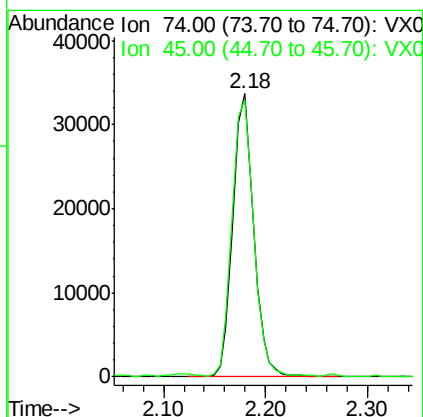
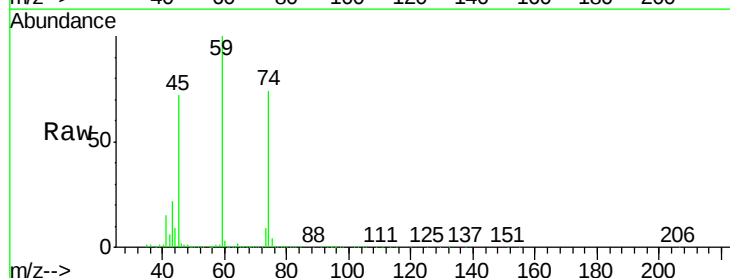
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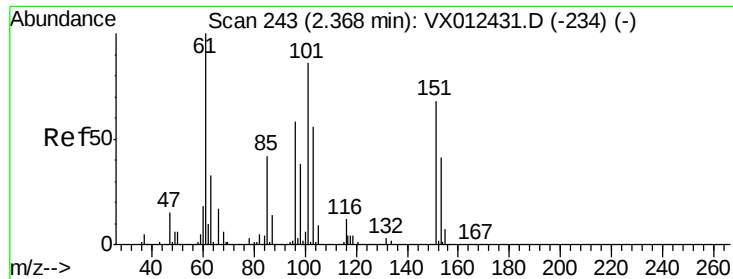


#8

Diethyl Ether
Concen: 48.035 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.288 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

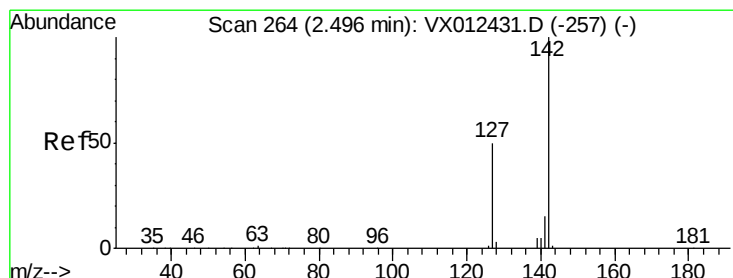
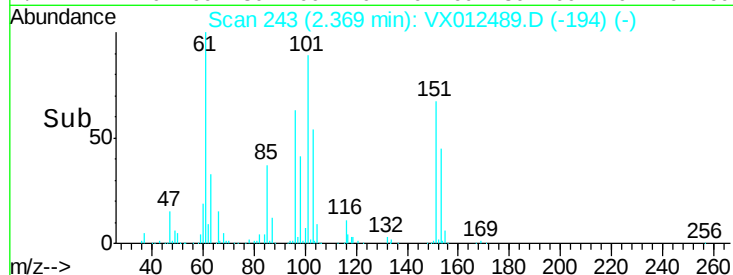
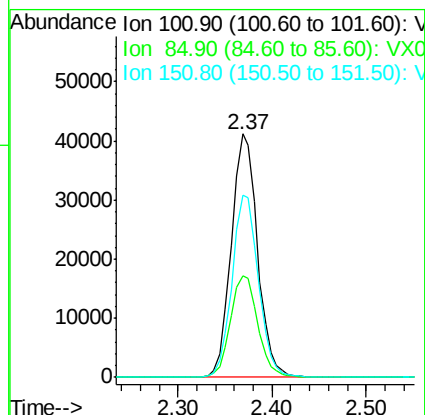
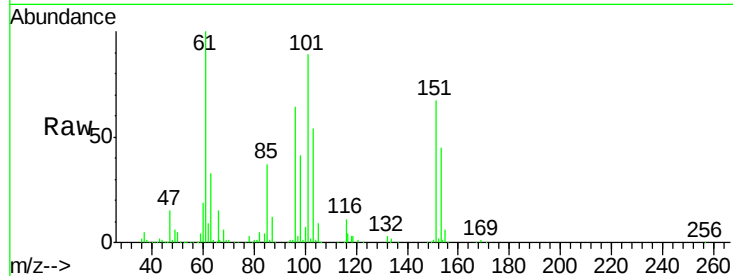
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	79682
Ion Ratio	Lower	Upper	
101	100		
85	43.6	37.3	55.9
151	75.6	61.0	91.4

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#10

Methyl Iodide

Concen: 44.134 ug/l

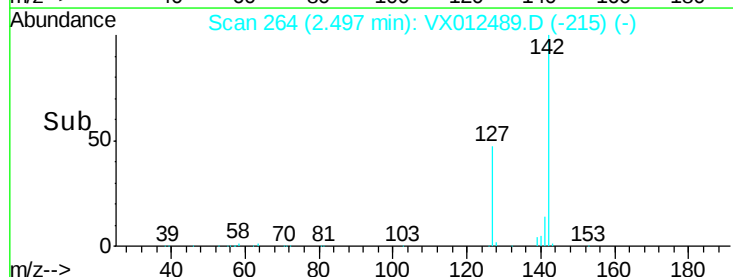
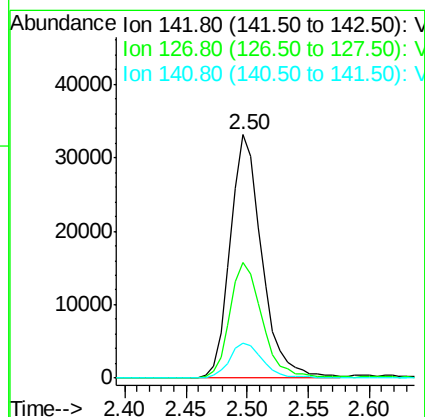
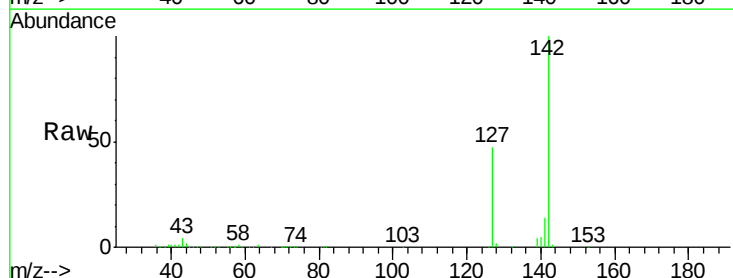
RT: 2.50 min Scan# 264

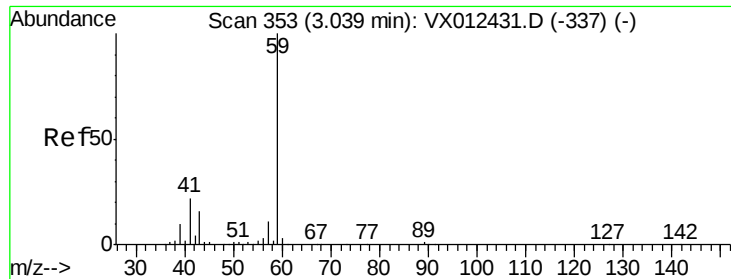
Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion:	142	Resp:	59233
Ion Ratio	Lower	Upper	
142	100		
127	48.9	40.8	61.2
141	15.1	12.1	18.1





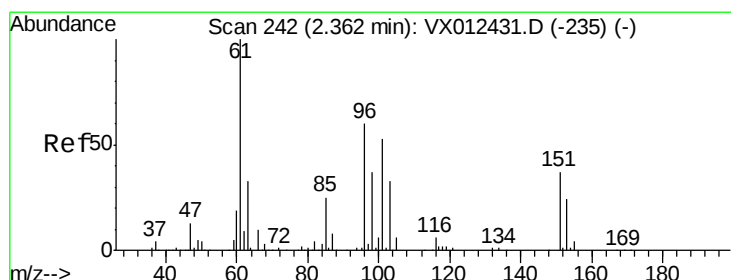
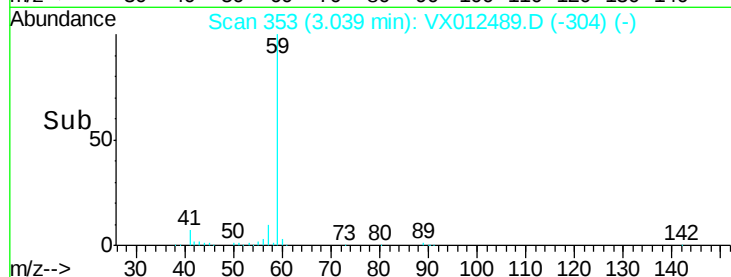
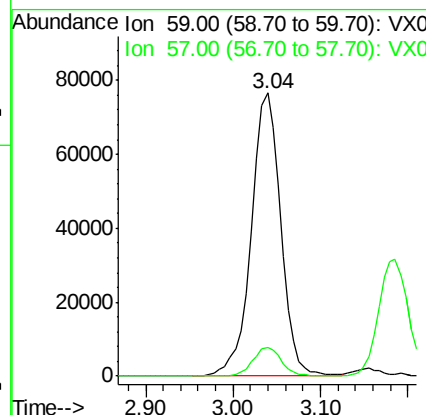
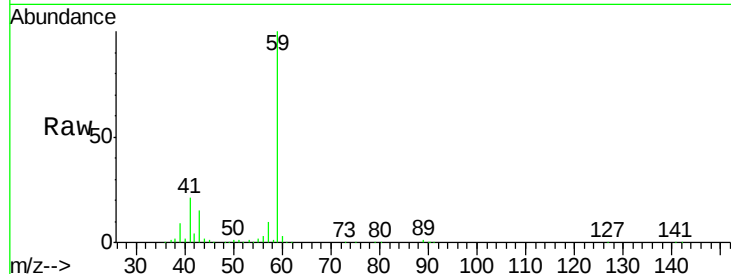
#11
Tert butyl alcohol
Concen: 245.615 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

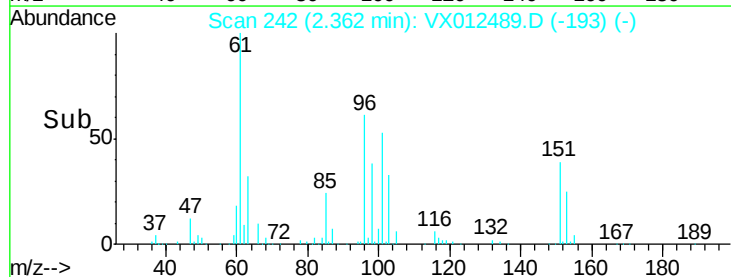
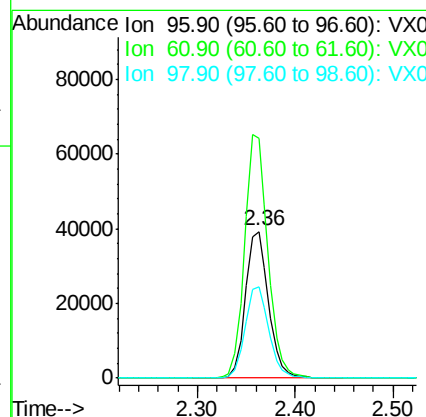
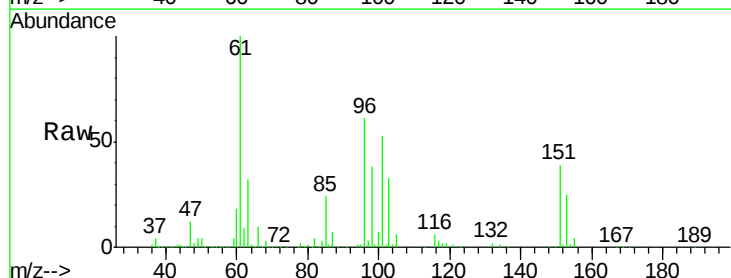
Manual Integrations
APPROVED

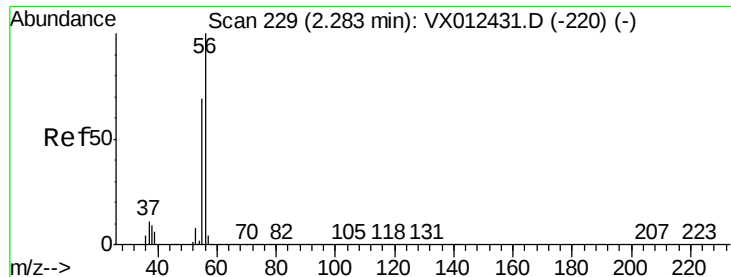
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.744 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	133.8	200.6
98	62.3	49.9	74.9





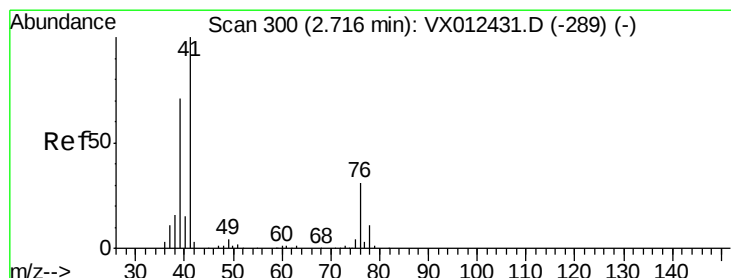
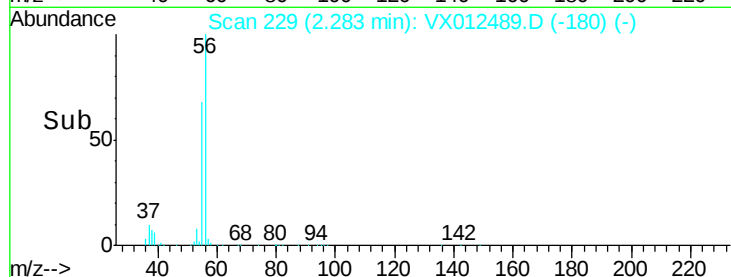
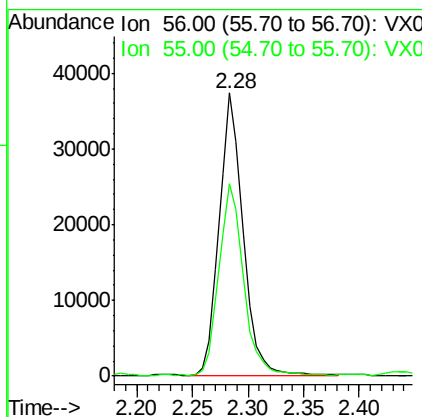
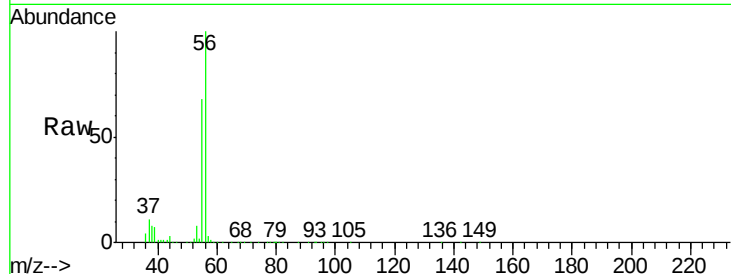
#13
Acrolein
Concen: 218.437 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	55.8	83.8

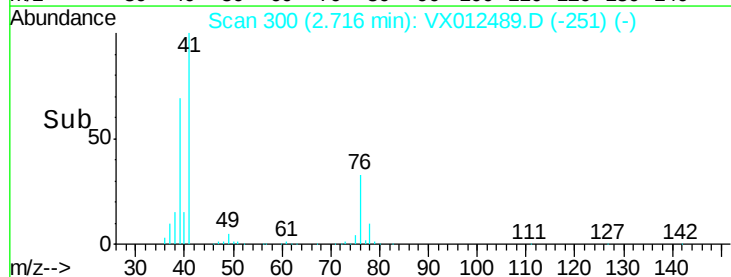
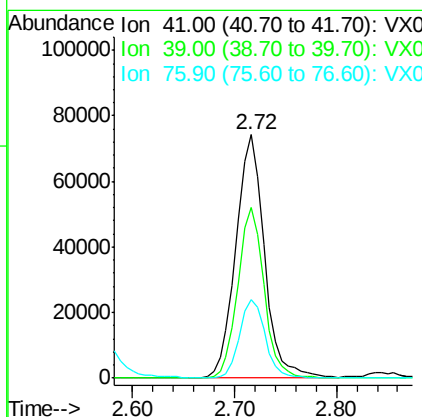
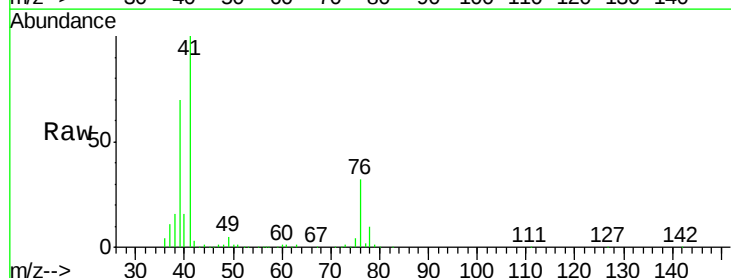
Manual Integrations
APPROVED

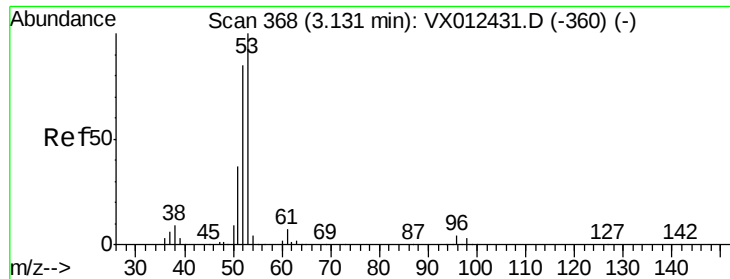
MMDadoda
9/19/2019 1:06:05 PM



#14
Allyl chloride
Concen: 48.939 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.0	51.3	76.9
76	29.4	22.6	33.8





#15

Acrylonitrile

Concen: 248.397 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

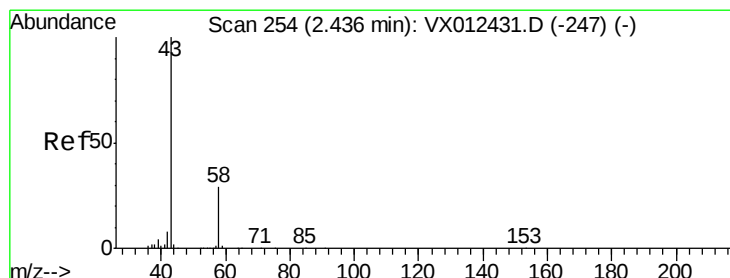
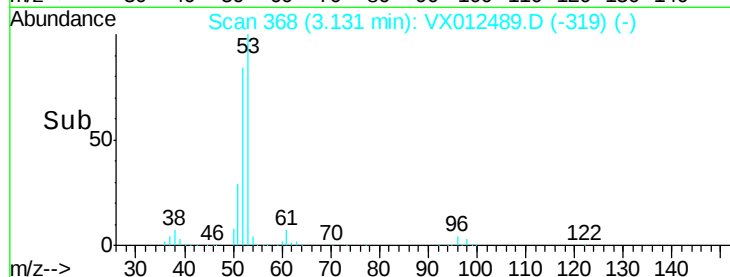
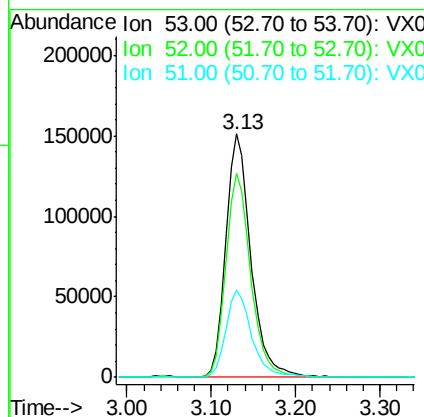
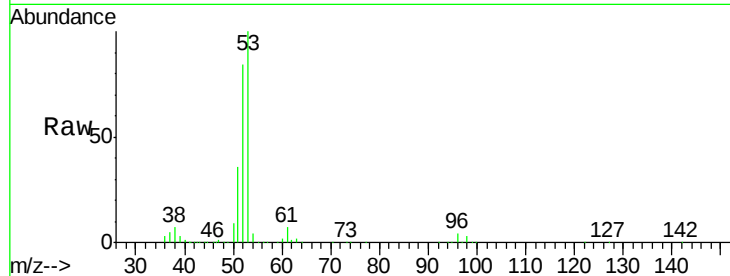
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	310162
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.0	100.4
51	36.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 215.369 ug/l

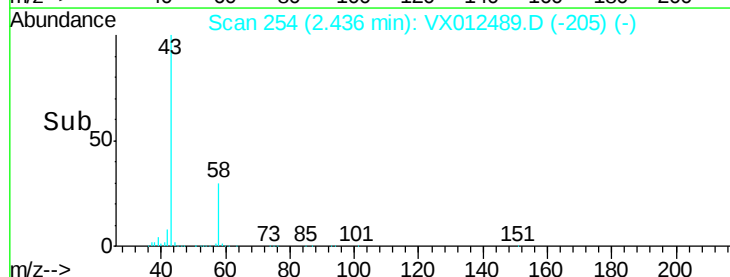
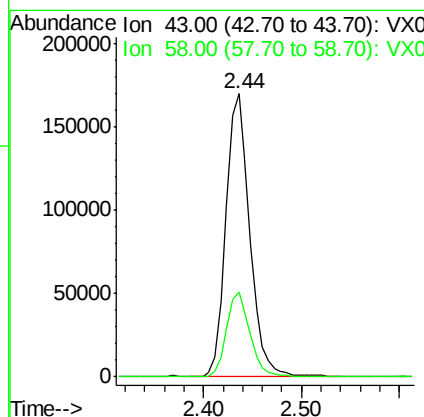
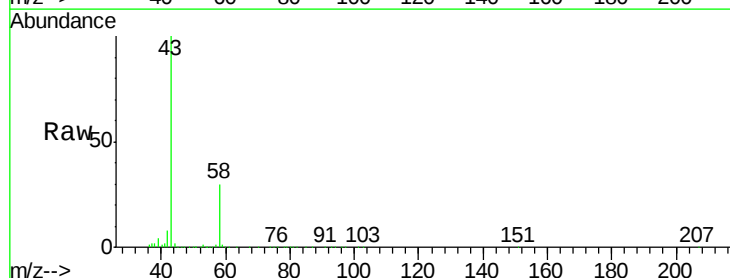
RT: 2.44 min Scan# 254

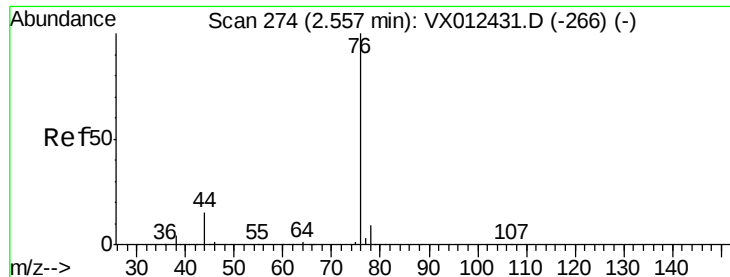
Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion:	43	Resp:	285010
Ion Ratio	Lower	Upper	
43	100		
58	30.0	23.3	34.9





#17

Carbon Disulfide

Concen: 45.435 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 80916

Ion Ratio Lower Upper

76 100

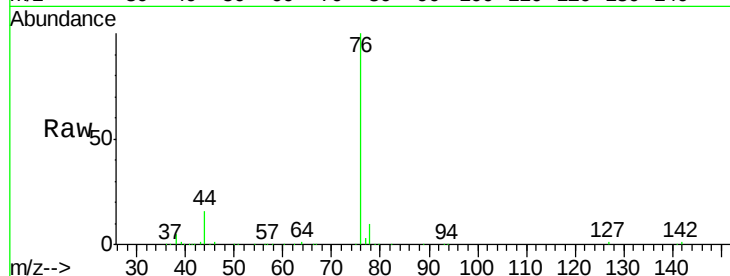
78 9.7 7.3 10.9

Manual Integrations

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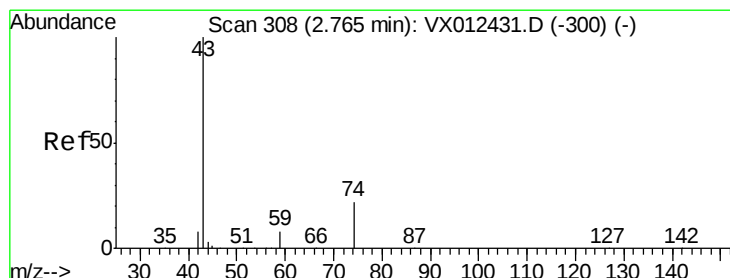
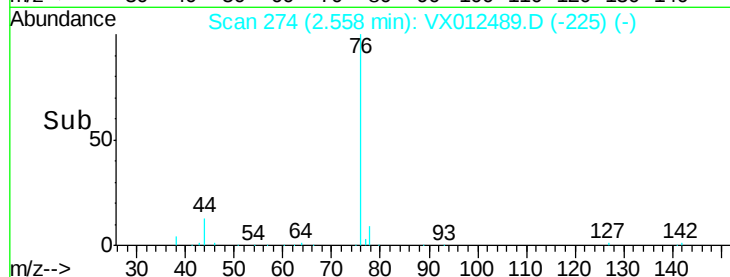
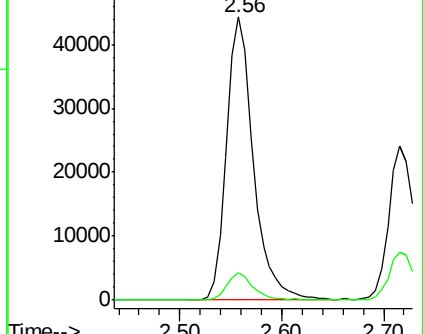
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.915 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012489.D

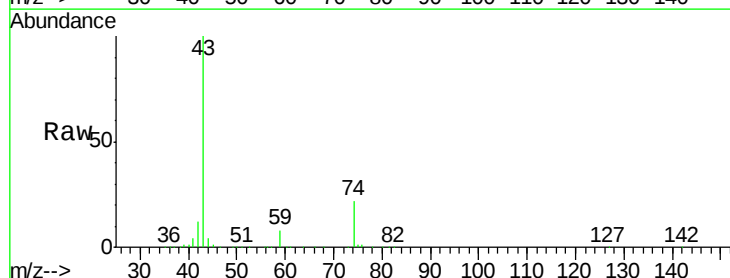
Acq: 18 Sep 2019 21:14

Tgt Ion: 43 Resp: 146872

Ion Ratio Lower Upper

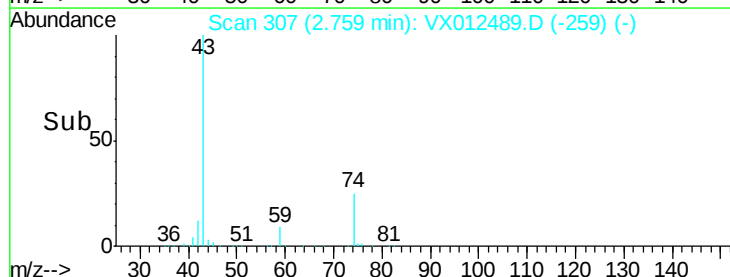
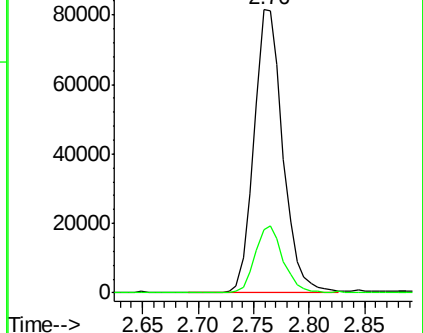
43 100

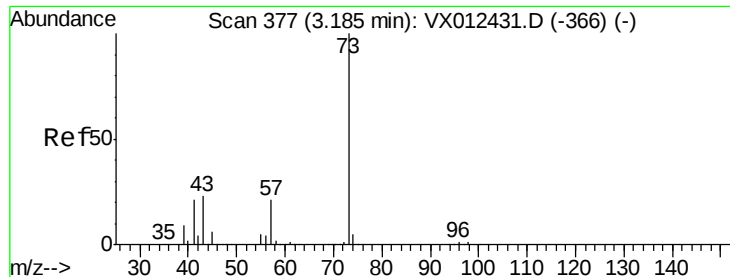
74 23.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





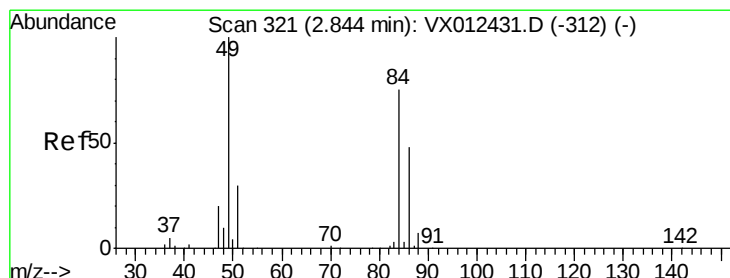
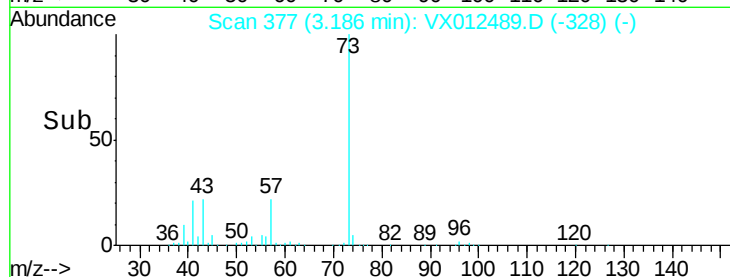
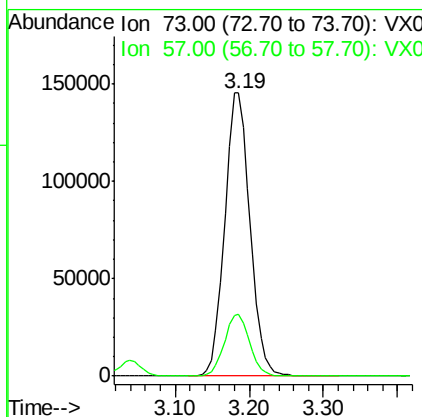
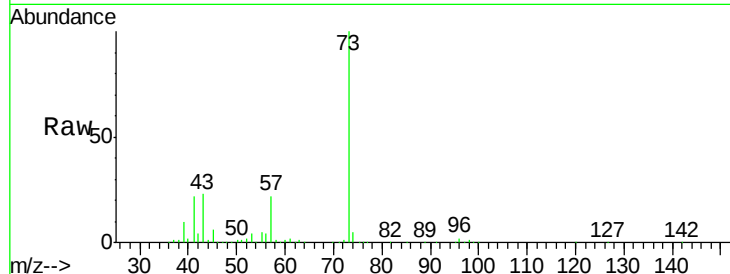
#19
Methyl tert-butyl Ether
Concen: 49.966 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 344360
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

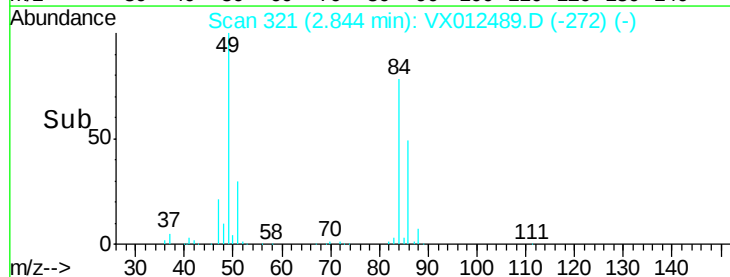
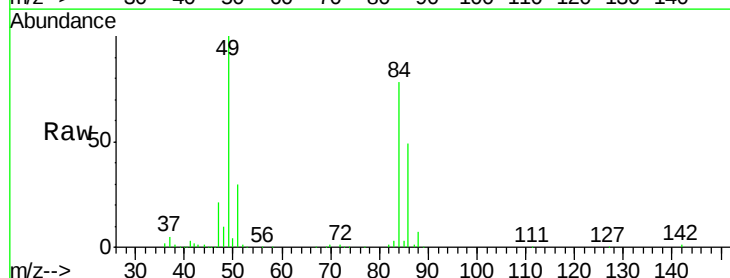
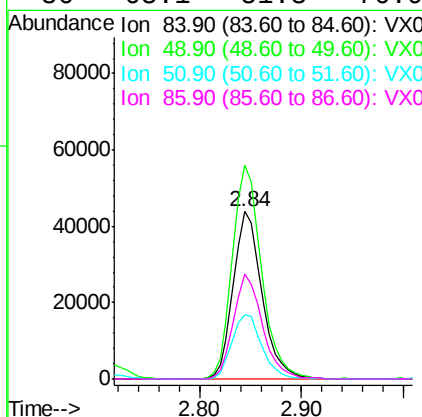
Manual Integrations
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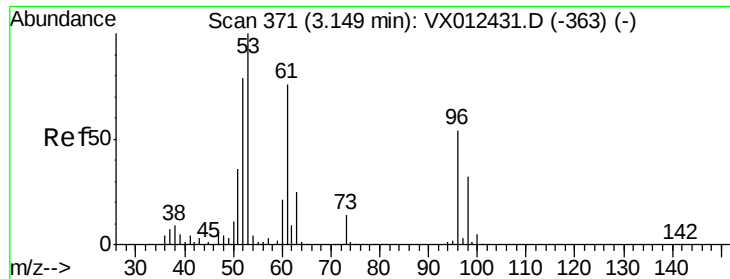
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#20
Methylene Chloride
Concen: 49.259 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion: 84 Resp: 85902
Ion Ratio Lower Upper
84 100
49 127.4 106.8 160.2
51 38.6 32.3 48.5
86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.542 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 66342

Ion Ratio Lower Upper

96 100

61 148.7 112.0 168.0

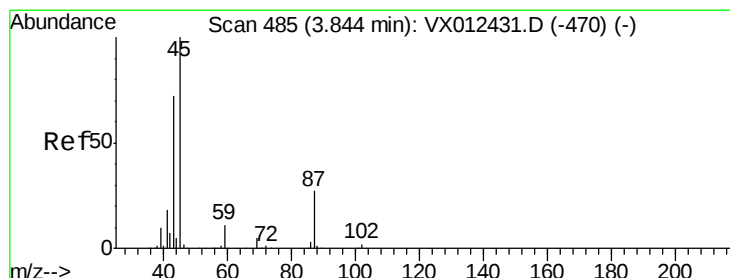
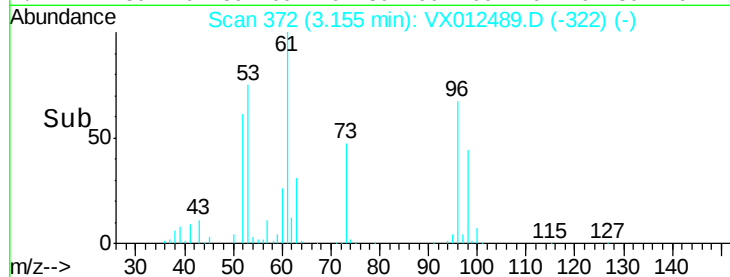
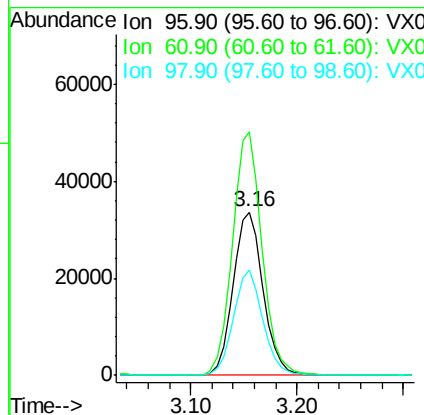
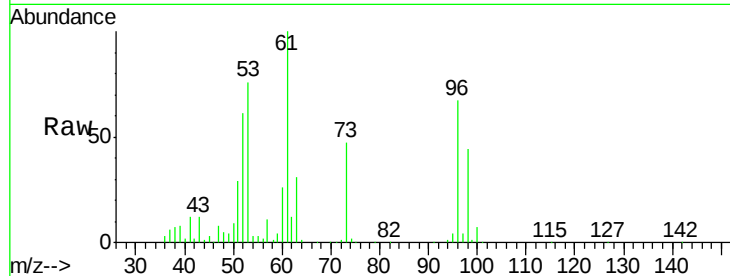
98 64.8 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.379 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion: 45 Resp: 340240

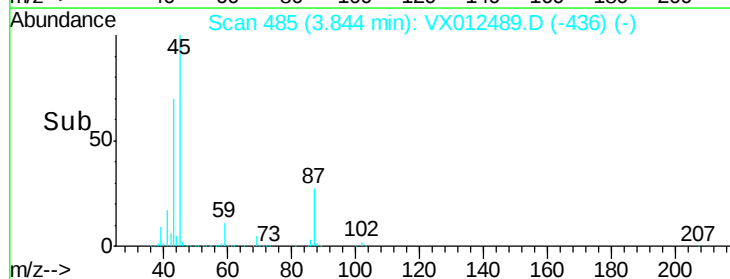
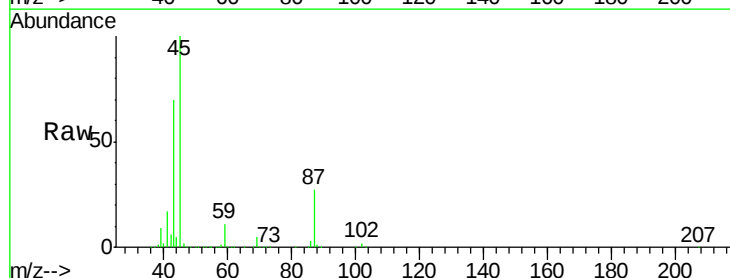
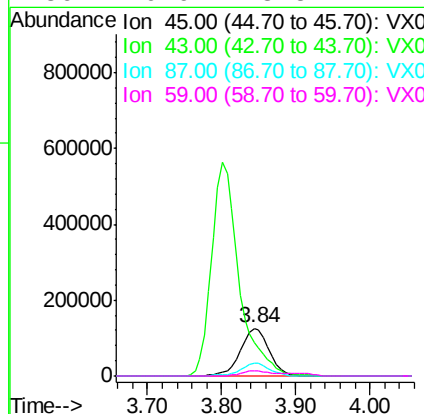
Ion Ratio Lower Upper

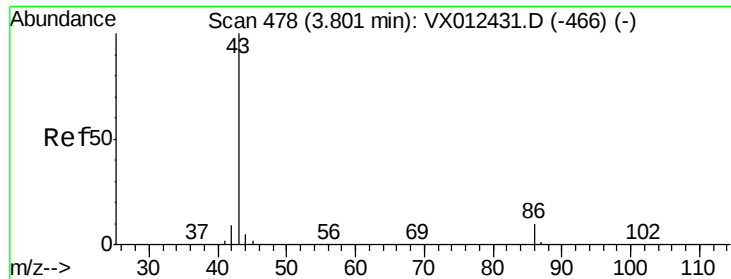
45 100

43 69.9 57.8 86.8

87 26.6 21.3 31.9

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 254.559 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1442869

Ion Ratio Lower Upper

43 100

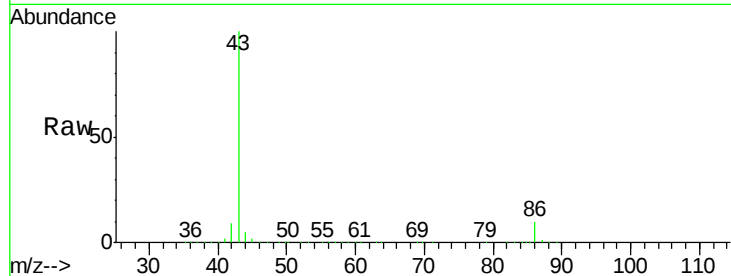
86 10.2 7.8 11.8

Manual Integrations

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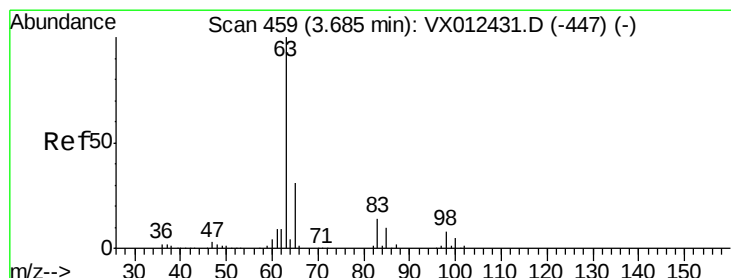
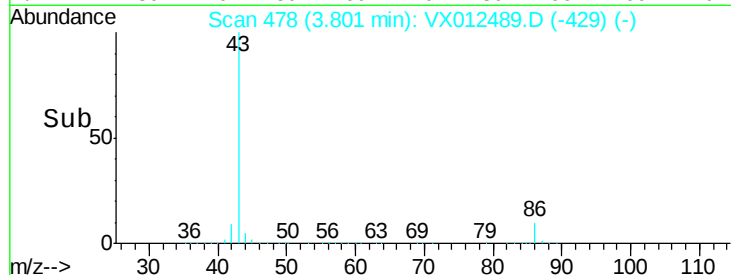
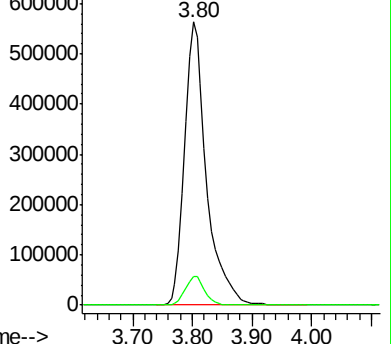
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.868 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

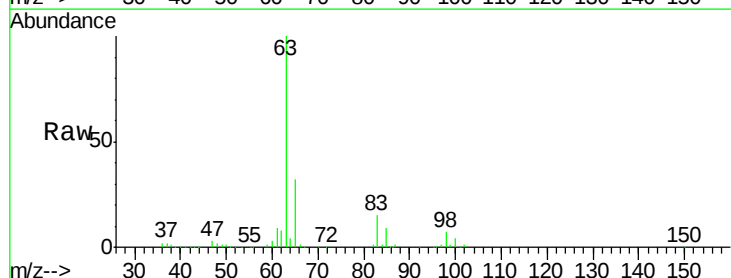
Tgt Ion: 63 Resp: 167703

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

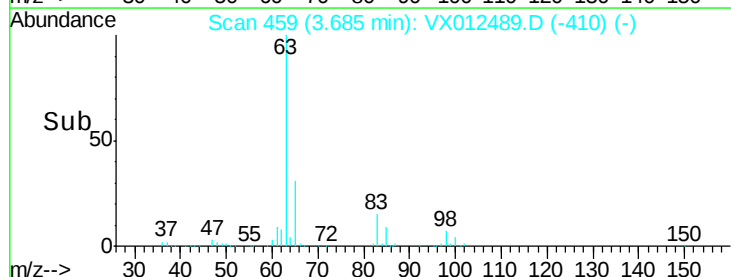
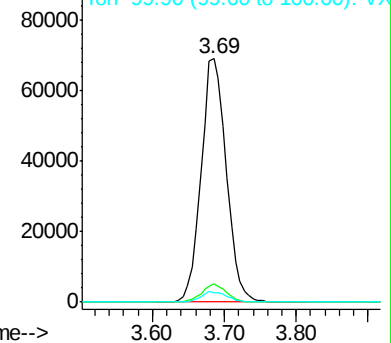
100 4.0 2.3 6.9

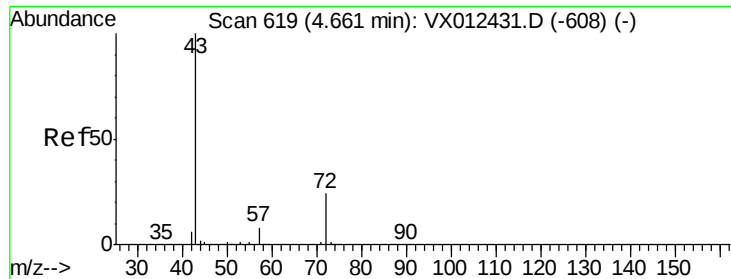


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.539 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 460796

Ion Ratio Lower Upper

43 100

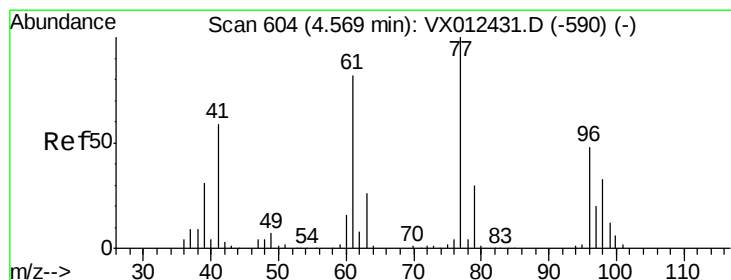
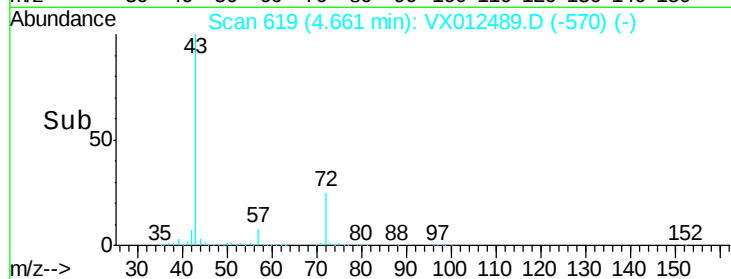
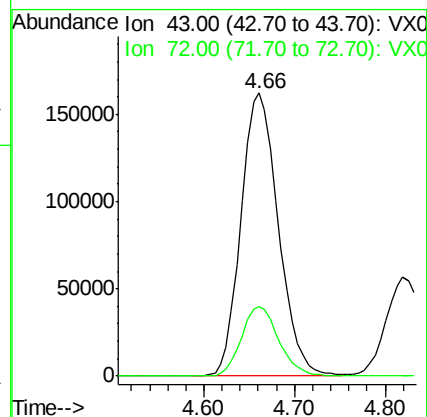
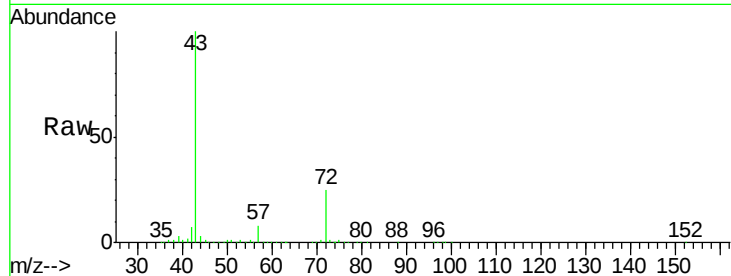
72 24.4 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.402 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012489.D

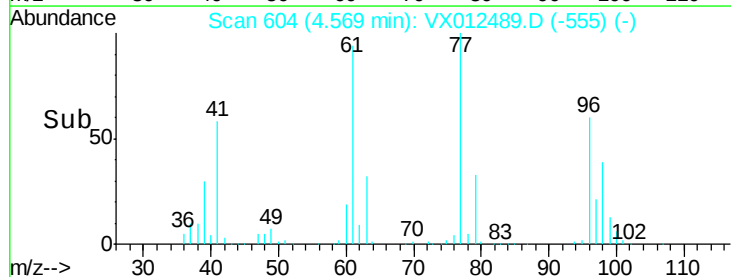
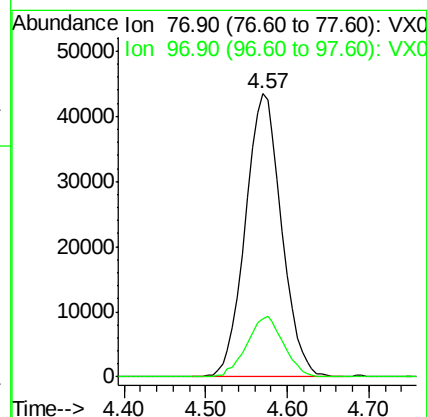
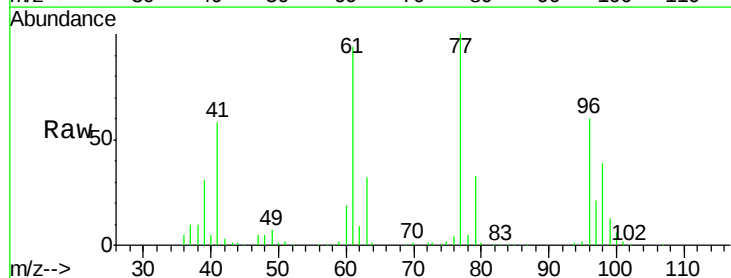
Acq: 18 Sep 2019 21:14

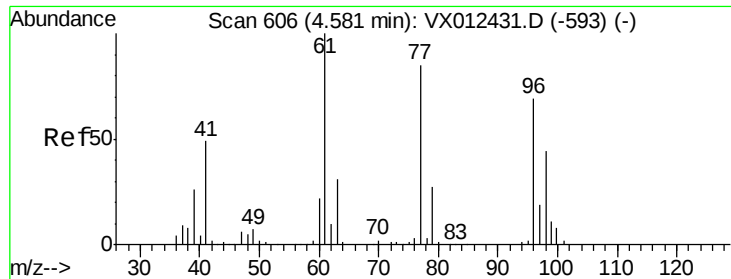
Tgt Ion: 77 Resp: 134239

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6





#27

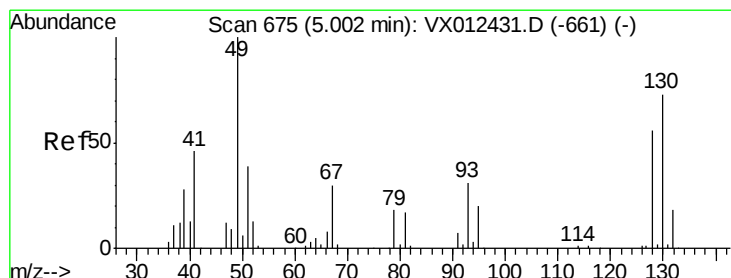
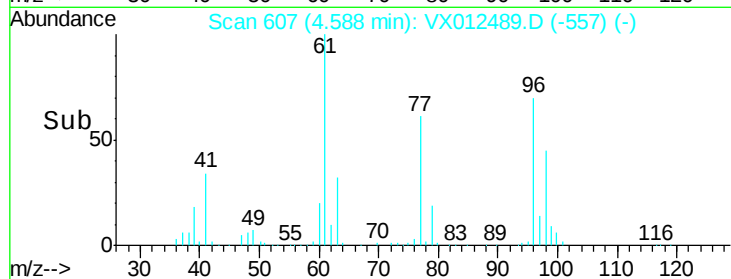
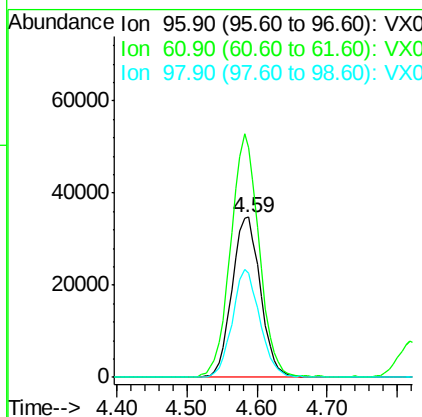
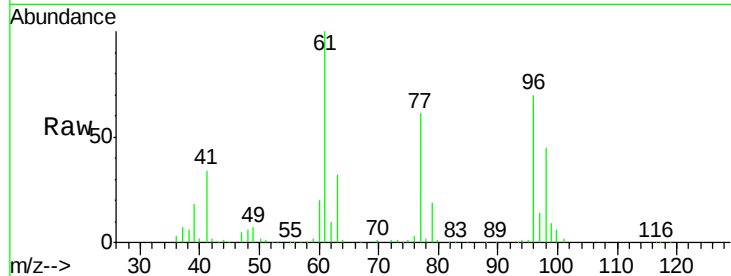
cis-1,2-Dichloroethene
Concen: 50.333 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	319.4
98	64.8	0.0	130.6

Manual Integrations
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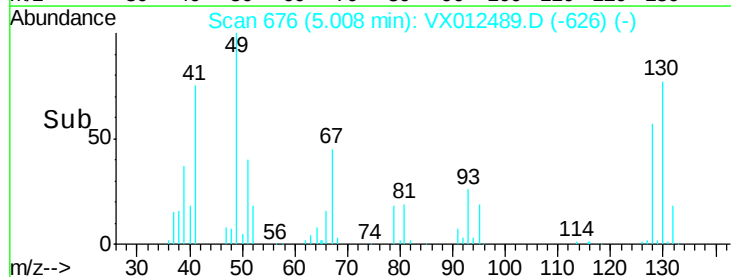
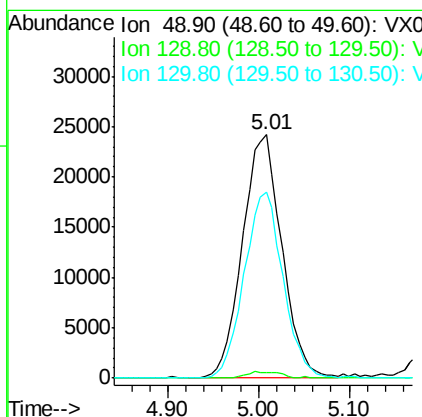
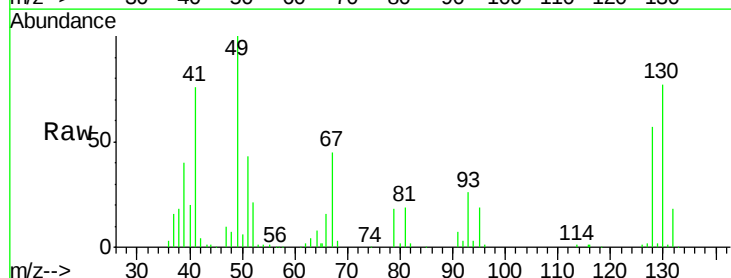
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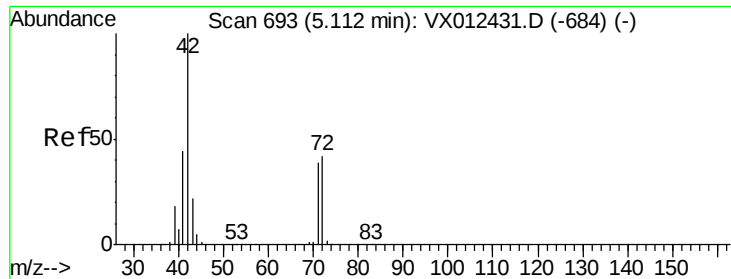


#28

Bromochloromethane
Concen: 42.916 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	75.2	58.2	87.4





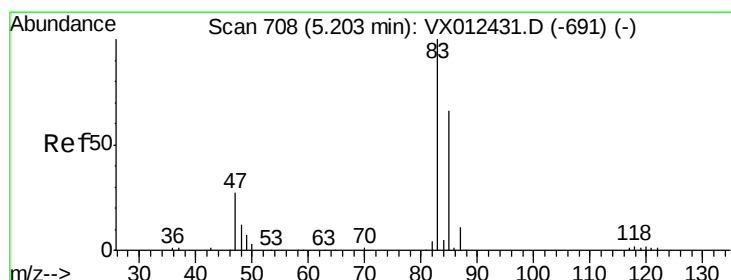
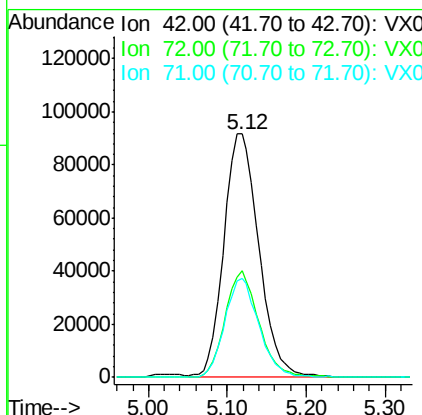
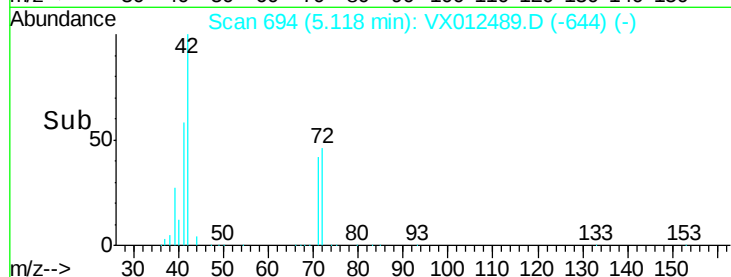
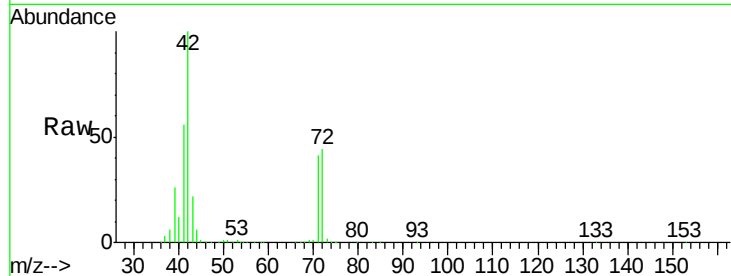
#29
Tetrahydrofuran
Concen: 254.317 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.0	51.0
71	39.9	31.5	47.3

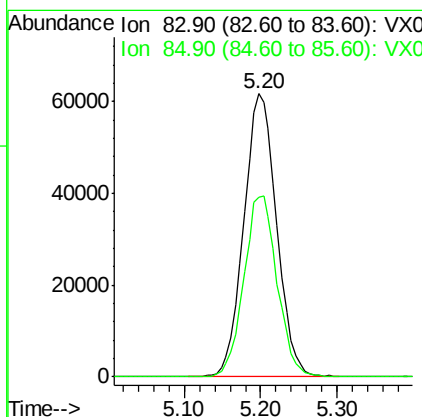
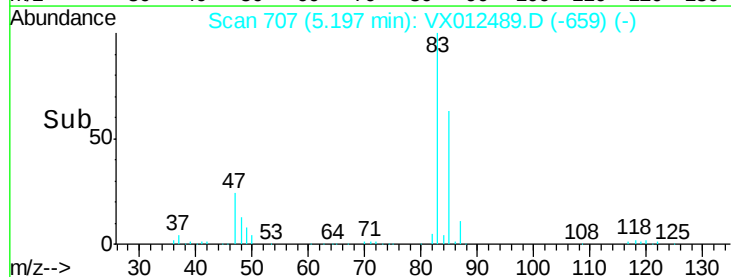
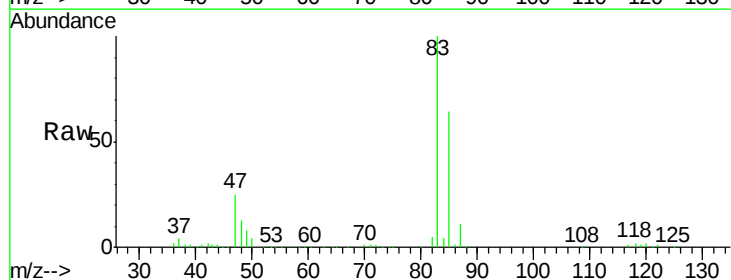
Manual Integrations
APPROVED

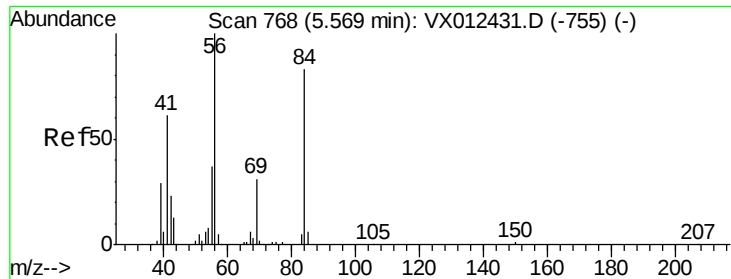
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#30
Chloroform
Concen: 48.588 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.0	79.4





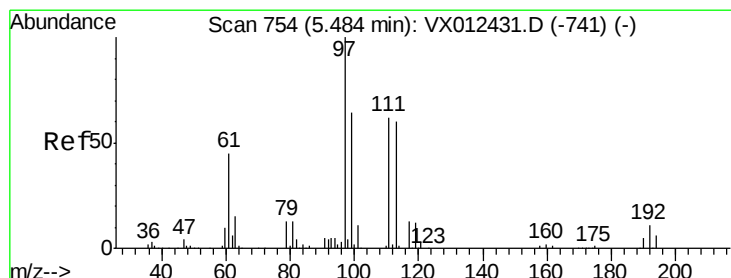
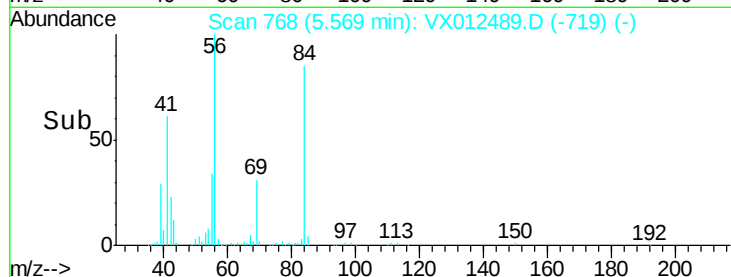
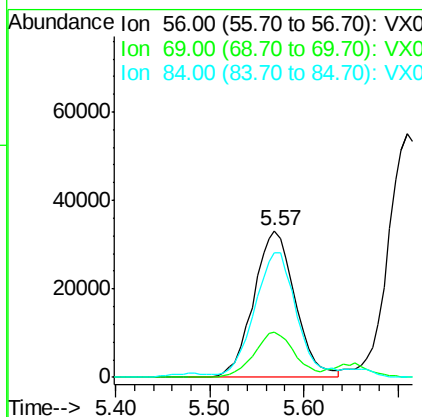
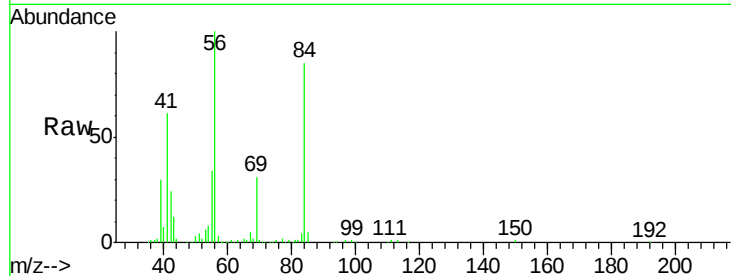
#31
Cyclohexane
Concen: 51.373 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	82.3	66.4	99.6

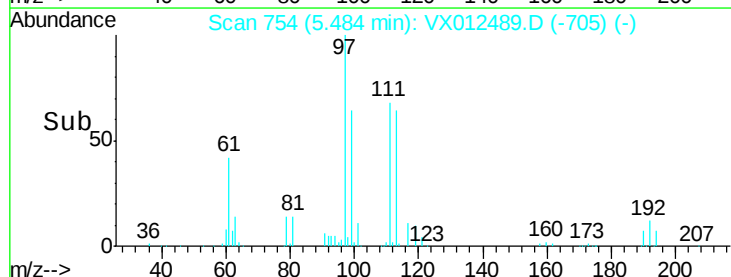
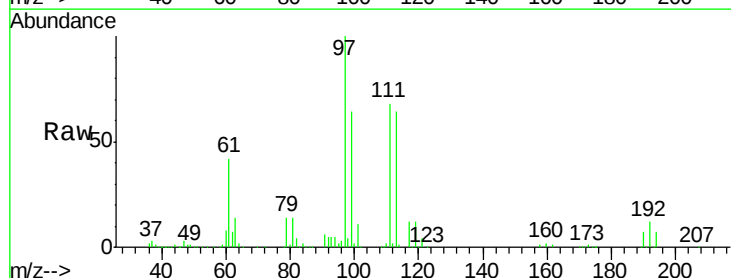
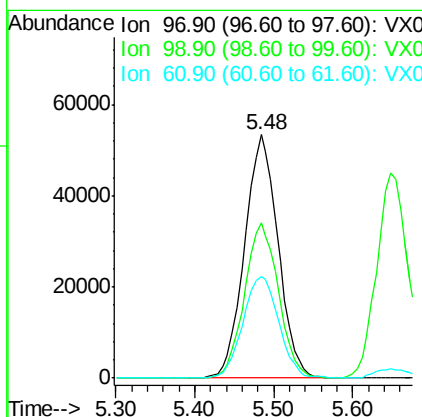
Manual Integrations
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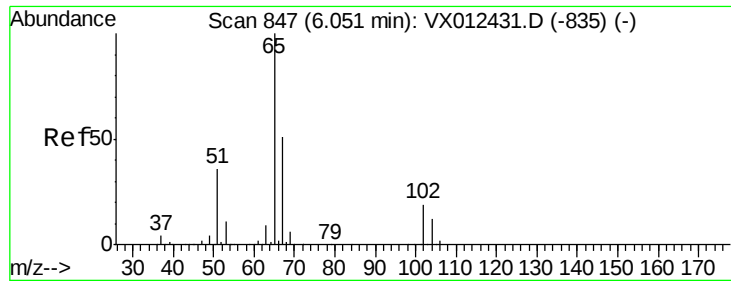
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#32
1,1,1-Trichloroethane
Concen: 49.815 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	44.9	36.1	54.1





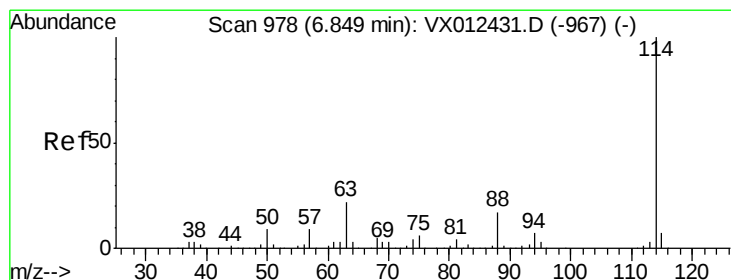
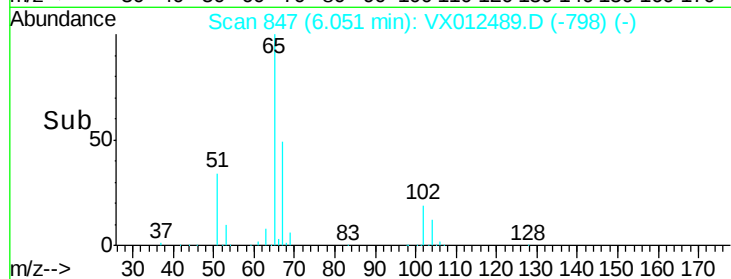
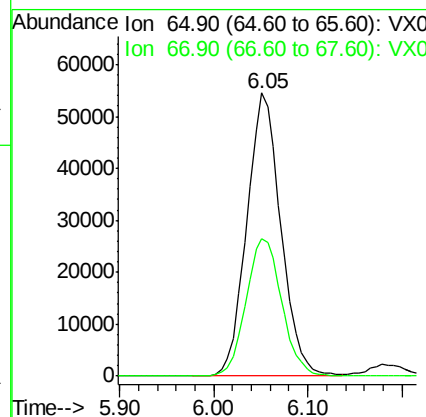
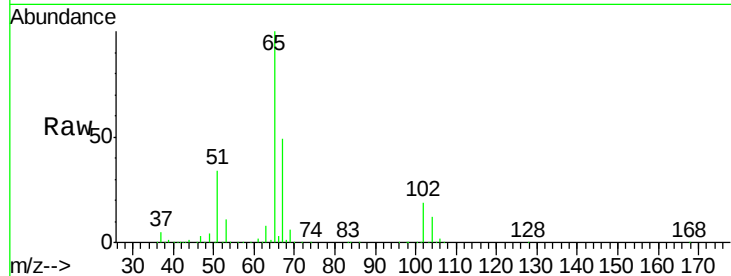
#33
 1,2-Dichloroethane-d4
 Concen: 47.983 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2

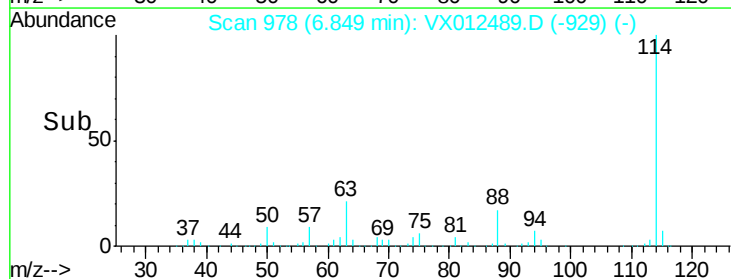
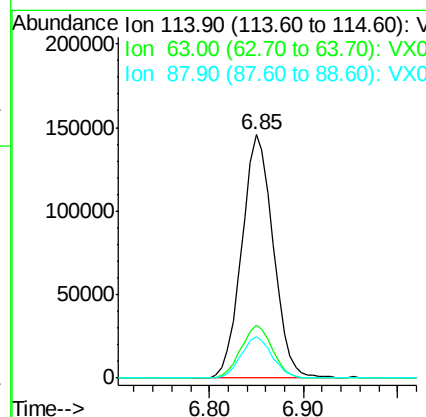
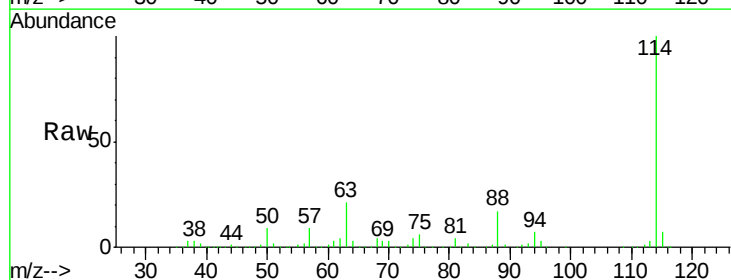
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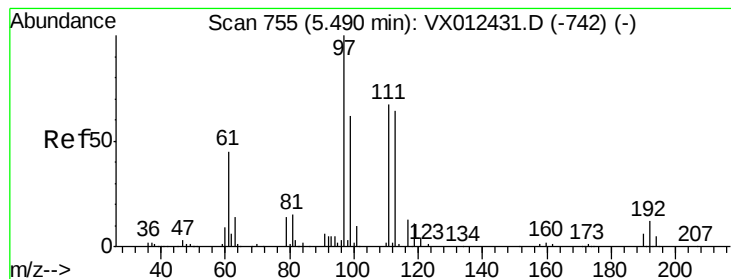
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	16.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 50.250 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

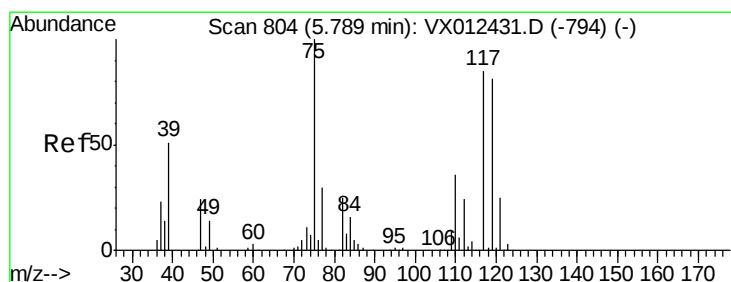
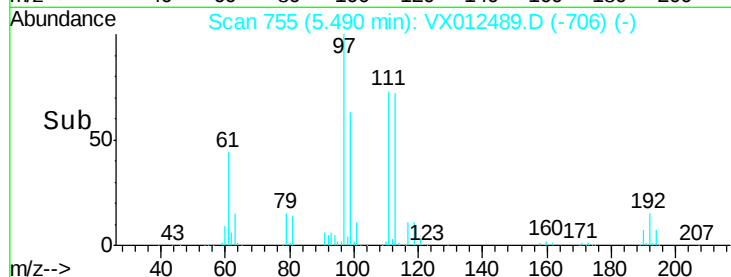
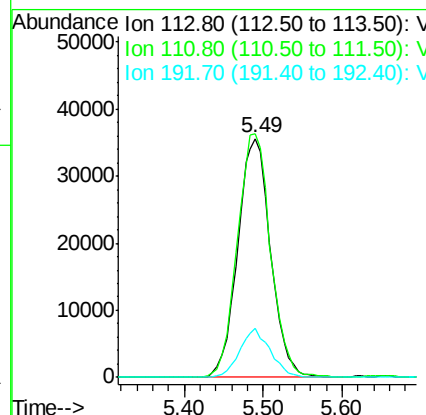
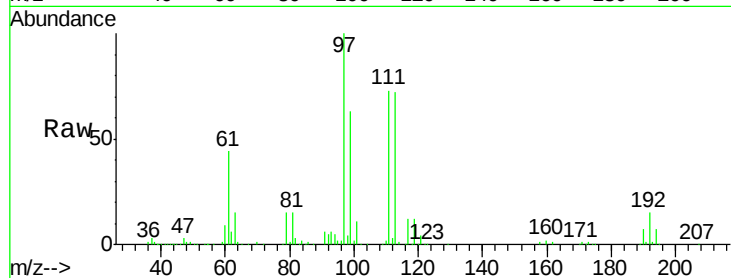
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	102807
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.4	125.2
192	19.1	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.556 ug/l

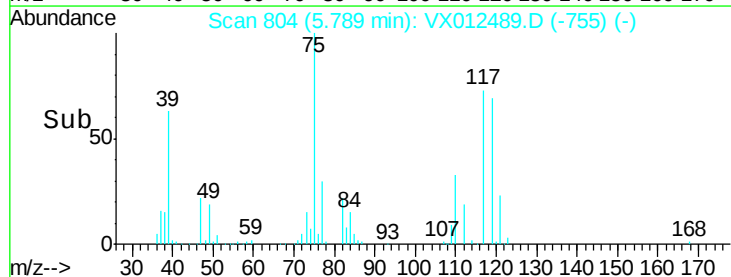
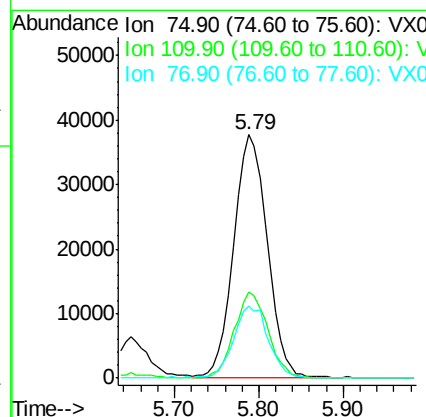
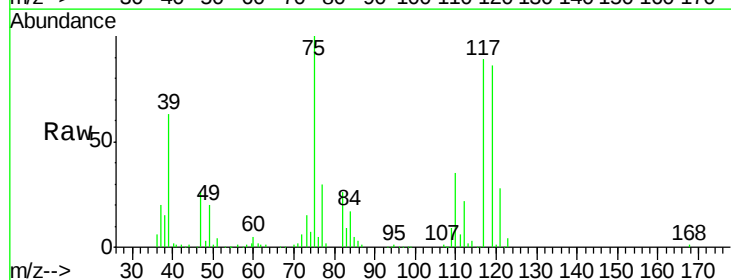
RT: 5.79 min Scan# 804

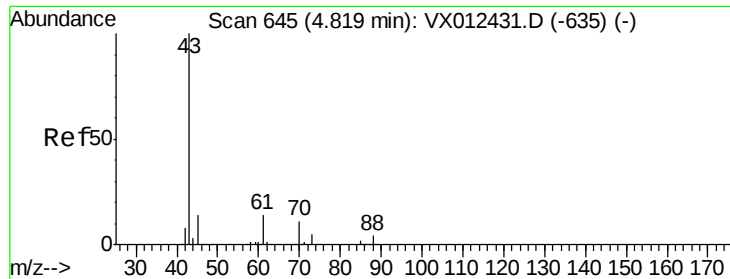
Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion:	75	Resp:	101806
Ion Ratio	Lower	Upper	
75	100		
110	35.5	16.7	50.0
77	30.2	24.2	36.2





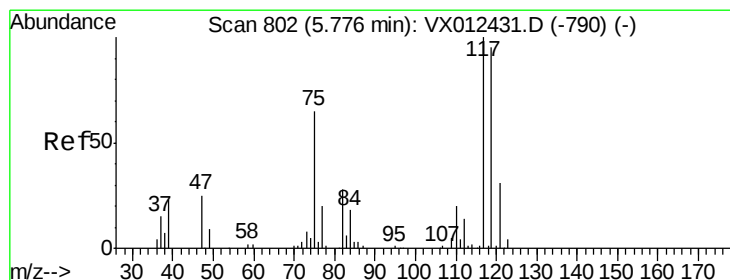
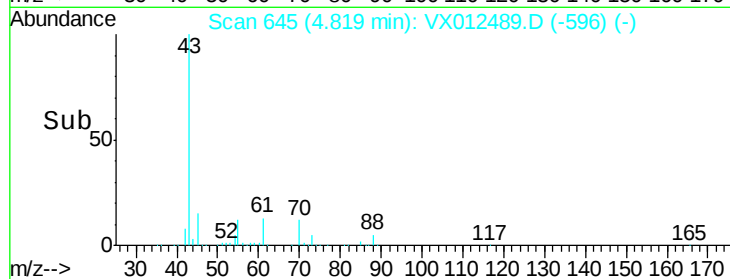
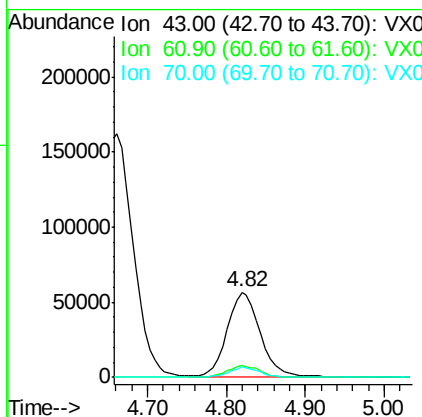
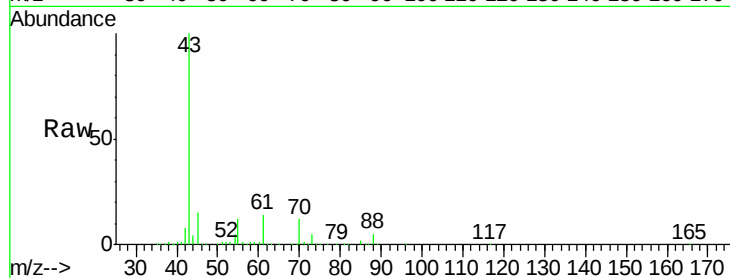
#37
Ethyl Acetate
Concen: 52.274 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.2	15.4
70	11.4	8.7	13.1

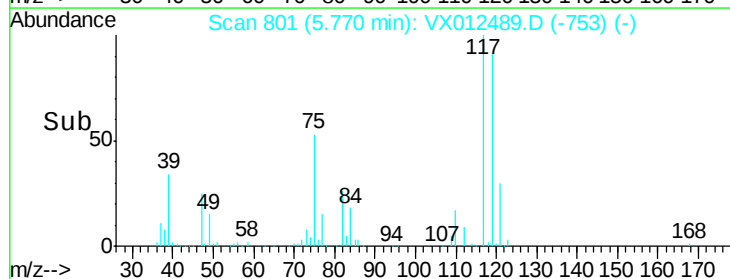
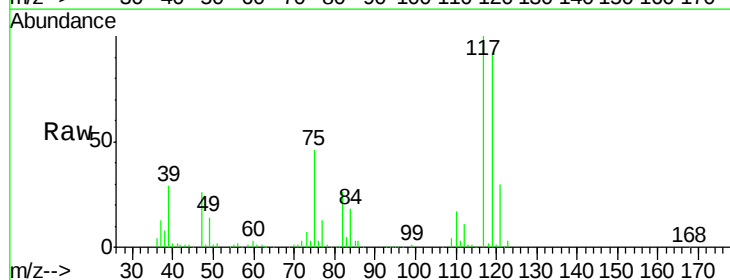
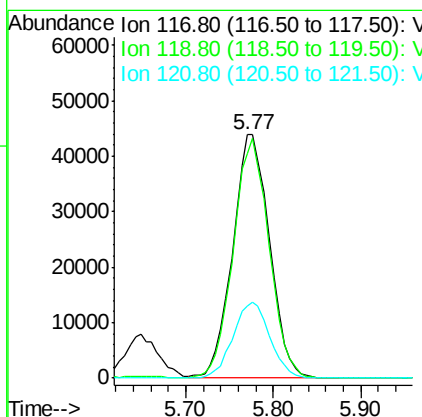
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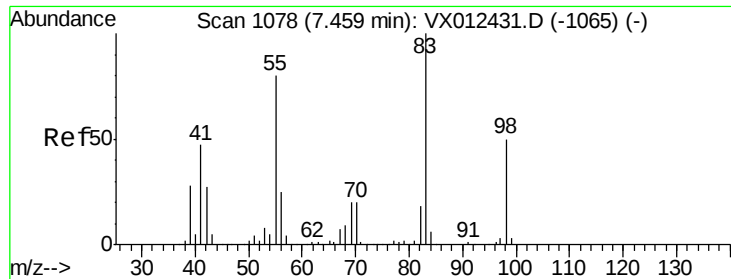
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#38
Carbon Tetrachloride
Concen: 50.377 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.7	113.5
121	29.6	24.2	36.4





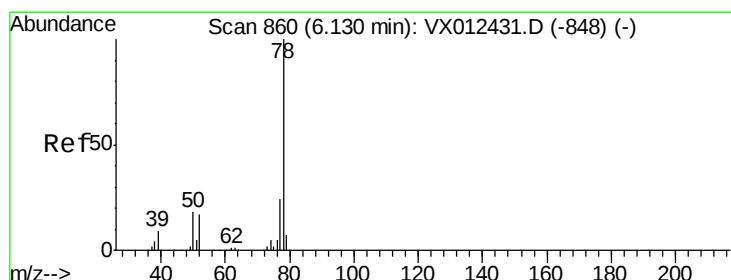
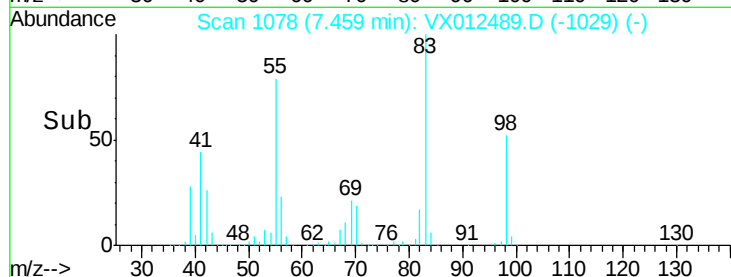
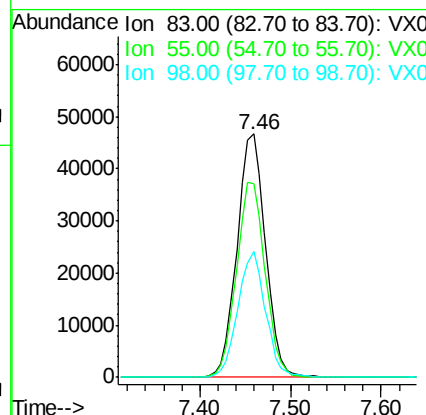
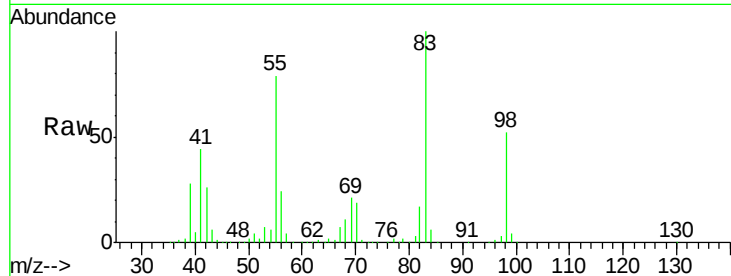
#39
Methvlcvclohexane
Concen: 51.027 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	101906		
55	79.1	64.4	96.6	
98	51.8	40.1	60.1	

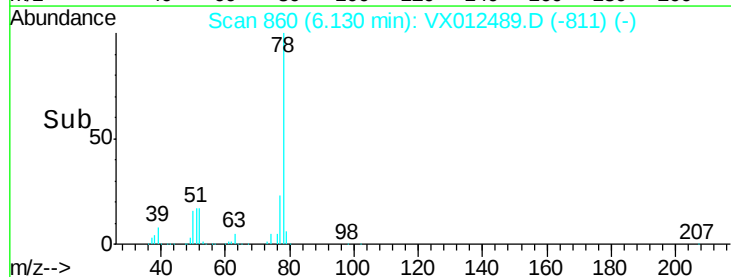
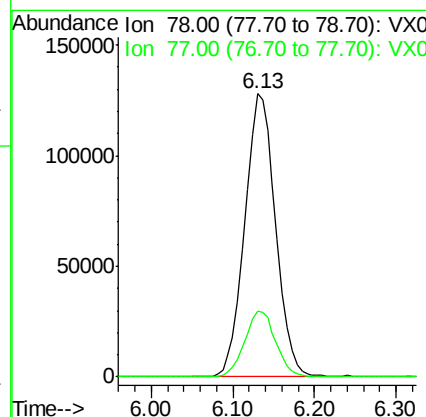
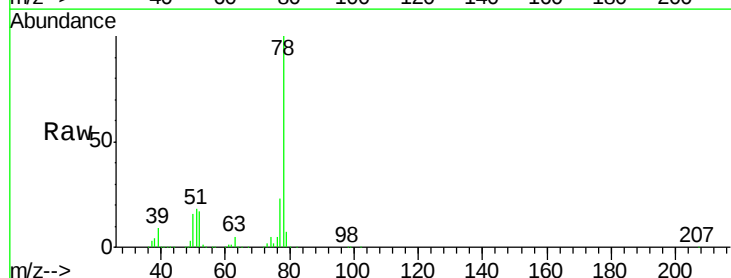
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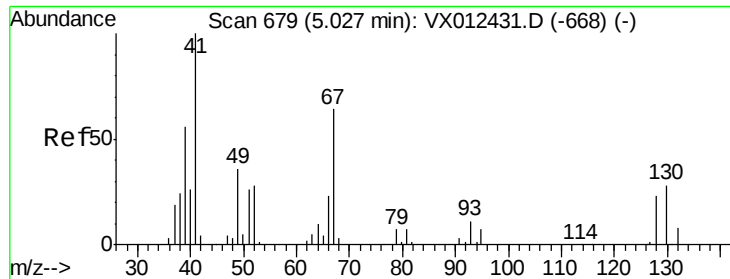
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#40
Benzene
Concen: 51.346 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	335433		
77	23.4	19.2	28.8	





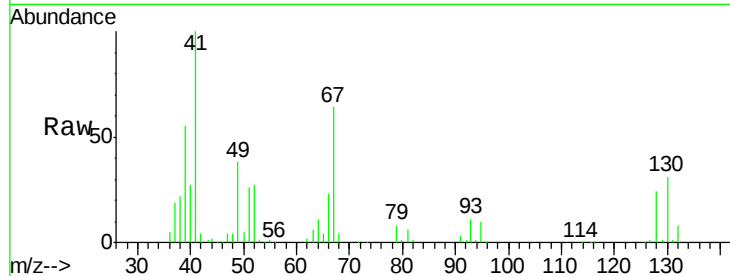
#41
Methacrylonitrile
Concen: 47.444 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

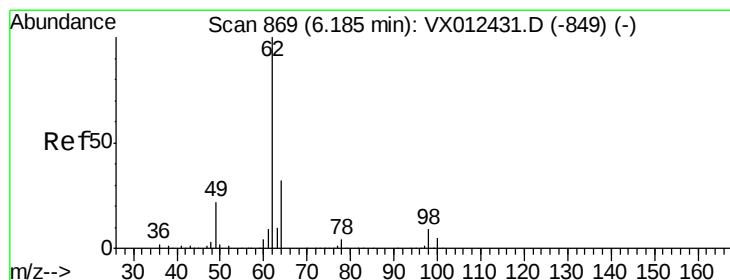
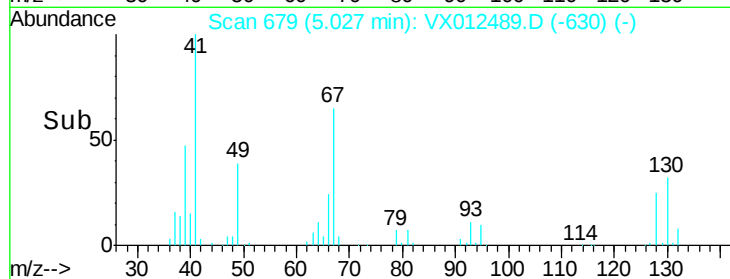
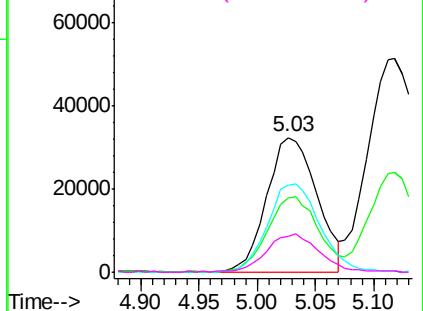
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	46.0	69.0	
67	69.2	52.2	78.2	
52	29.7	22.7	34.1	

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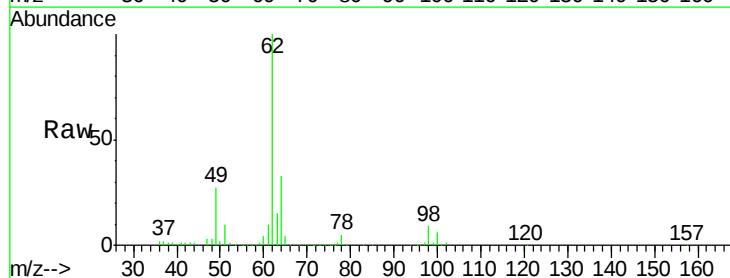


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

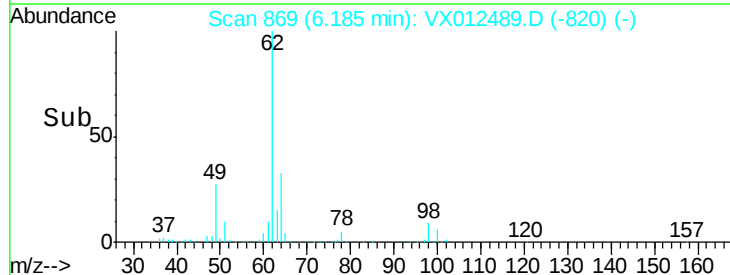
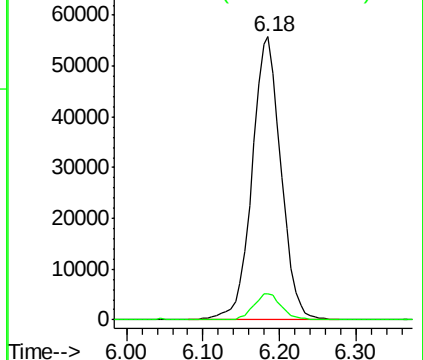


#42
1,2-Dichloroethane
Concen: 48.566 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

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



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

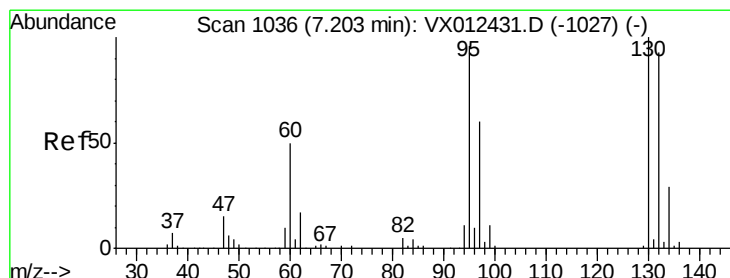
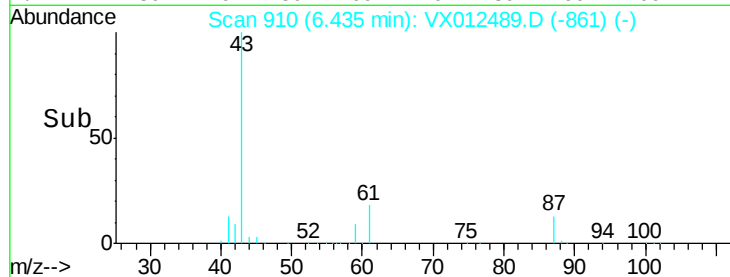
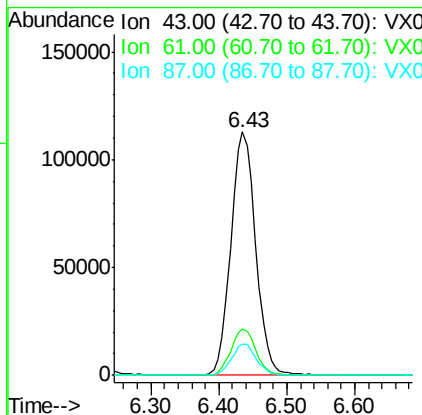
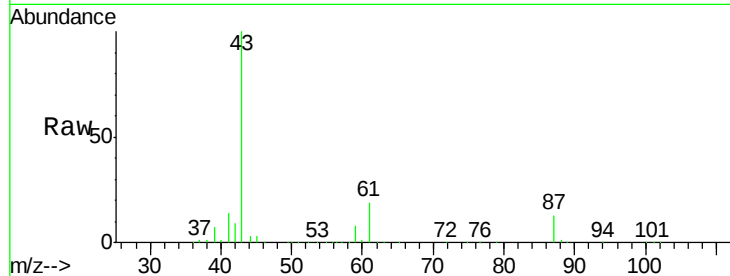
Isopropyl Acetate
 Concen: 50.611 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	12.7	9.8	14.8

Manual Integrations
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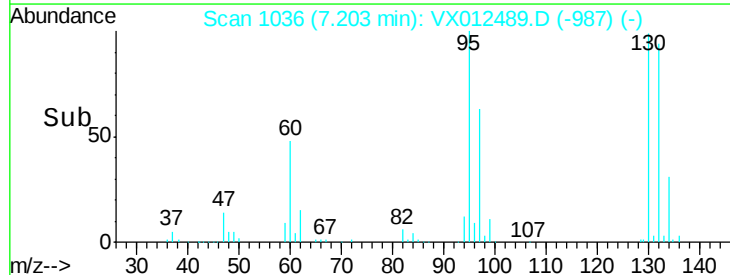
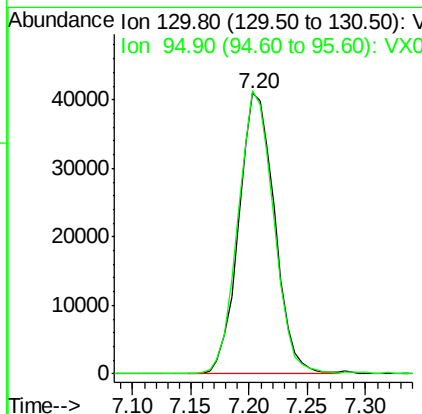
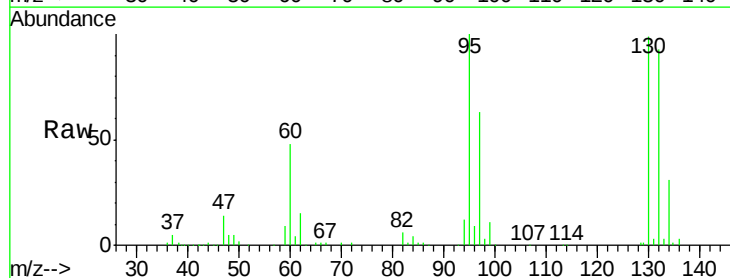
MMDadoda
 9/19/2019 1:06:05 PM

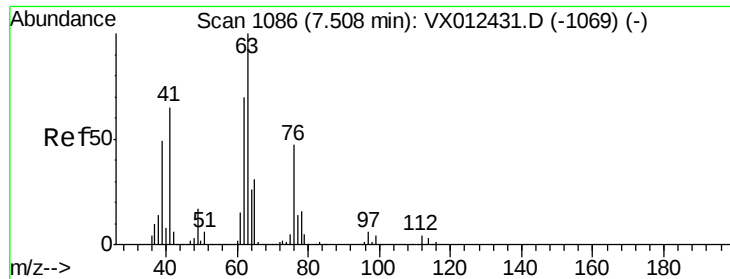


#44

Trichloroethene
 Concen: 51.250 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.122 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 100596

Ion Ratio Lower Upper

63 100

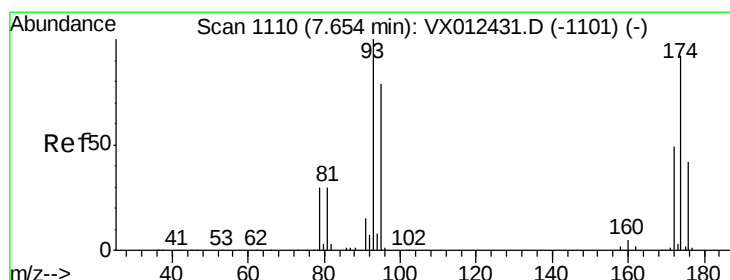
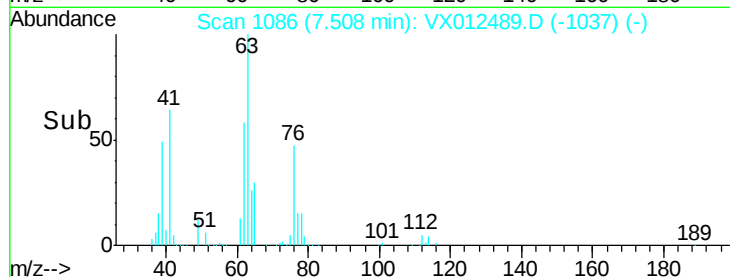
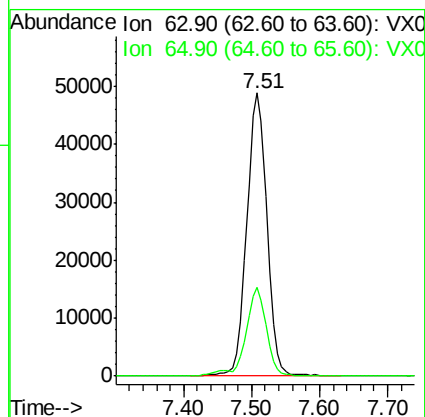
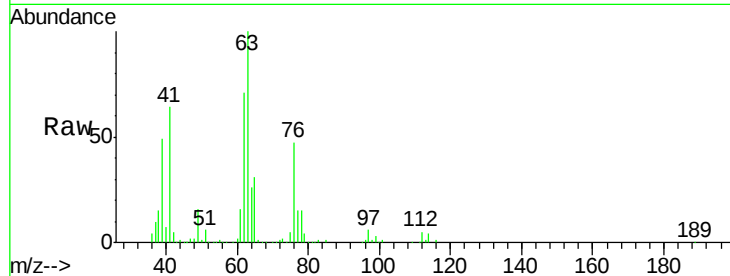
65 31.3 25.0 37.6

Manual Integrations

APPROVED

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#46

Dibromomethane

Concen: 50.637 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

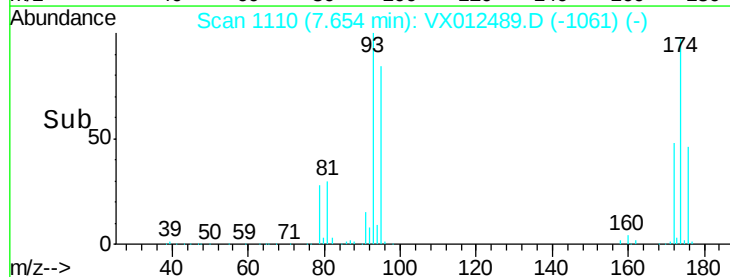
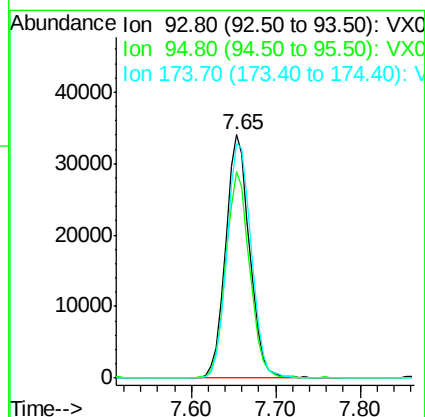
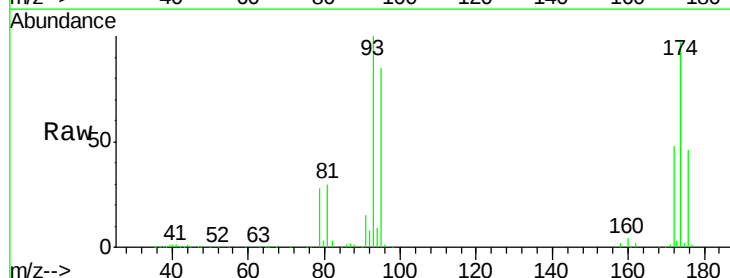
Tgt Ion: 93 Resp: 65767

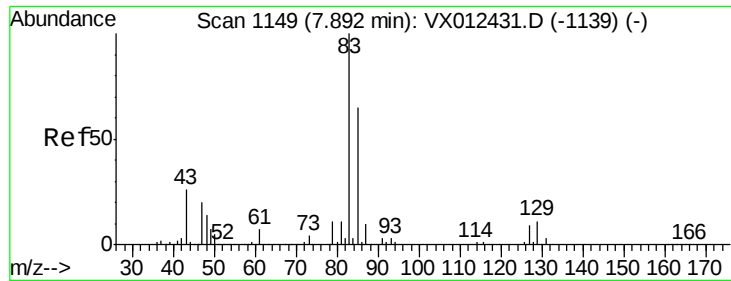
Ion Ratio Lower Upper

93 100

95 84.4 66.6 100.0

174 97.8 77.4 116.0





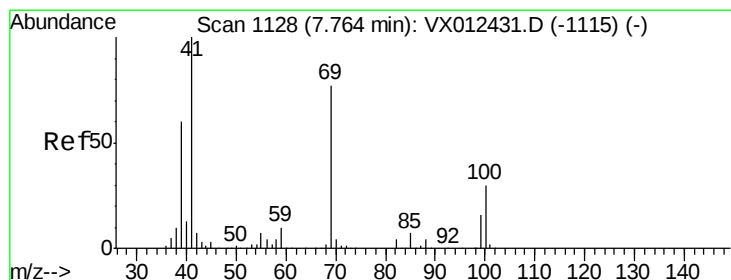
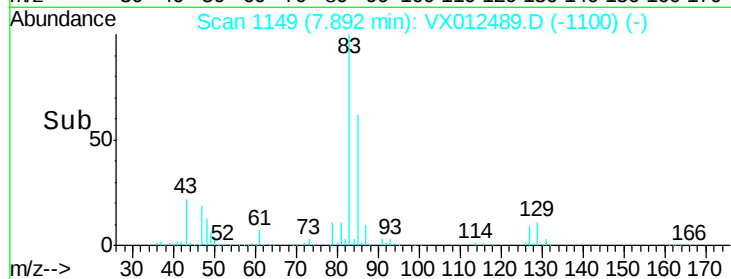
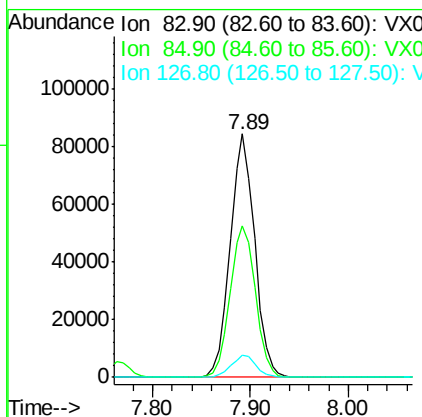
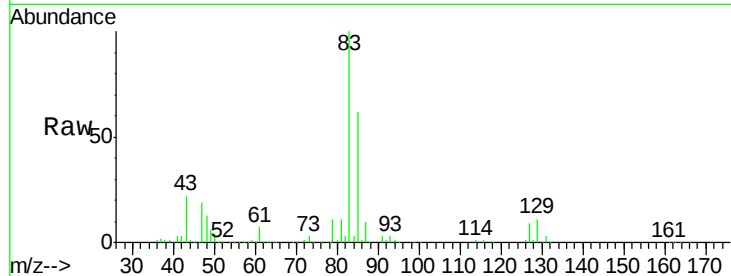
#47
 Bromodichloromethane
 Concen: 50.634 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	146429
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.8	77.6
127	8.9	7.3	10.9

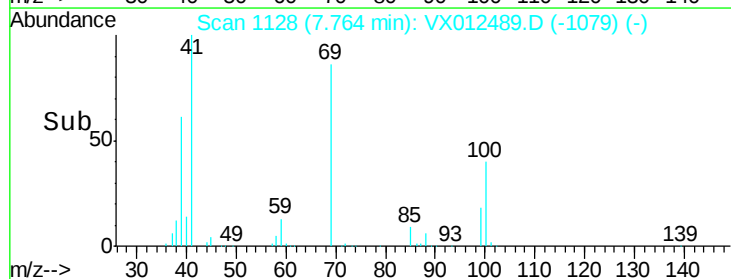
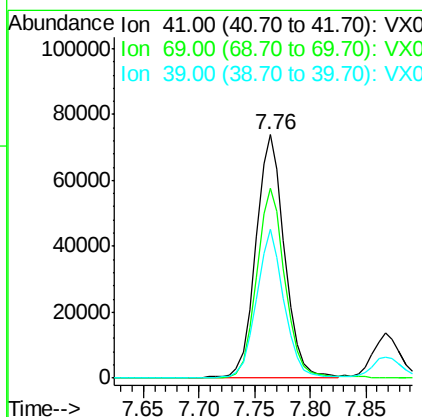
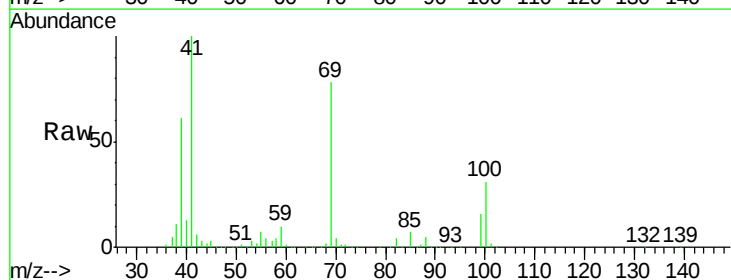
Manual Integrations
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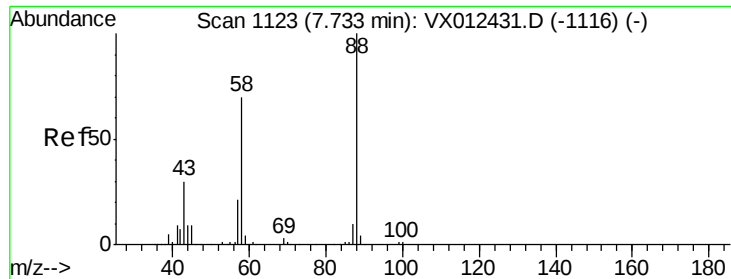
MMDadoda
 9/19/2019 1:06:05 PM



#48
 Methyl methacrylate
 Concen: 49.474 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	41	Resp	131995
Ion Ratio	Lower	Upper	
41	100		
69	77.8	59.9	89.9
39	58.9	47.8	71.6





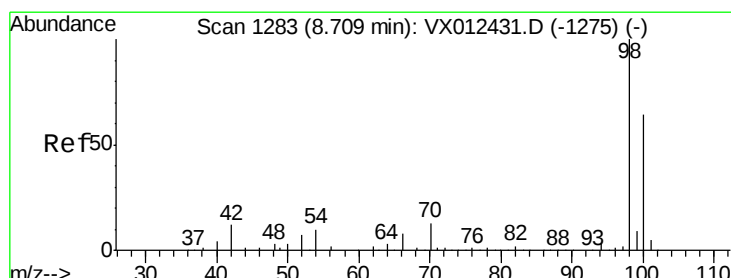
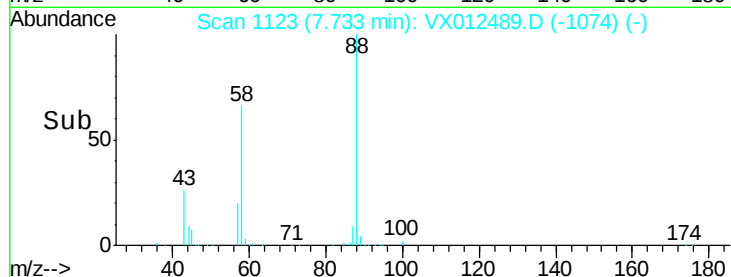
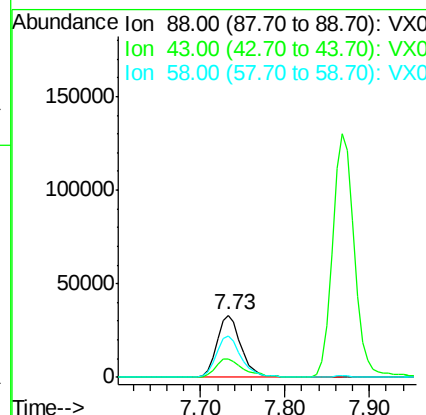
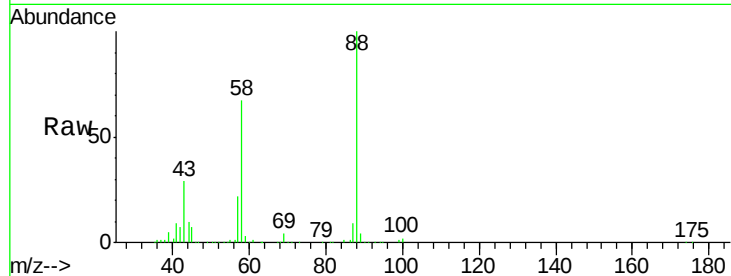
#49
 1,4-Dioxane
 Concen: 1005.865 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	29.4	44.0
58	70.0	57.5	86.3

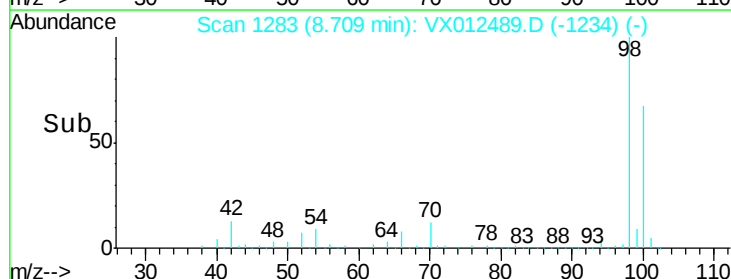
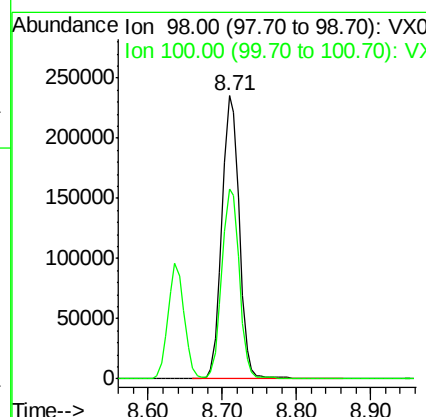
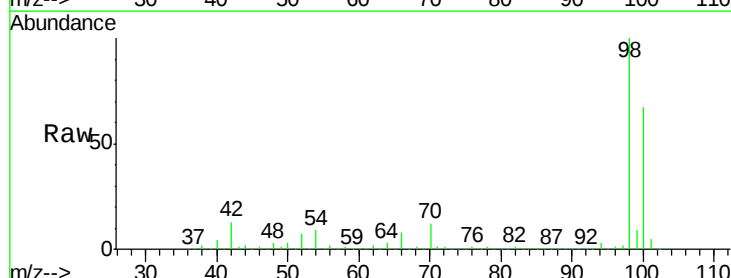
Manual Integrations
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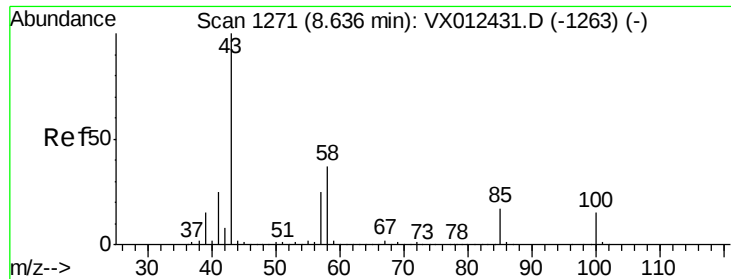
MMDadoda
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#50
 Toluene-d8
 Concen: 50.132 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2





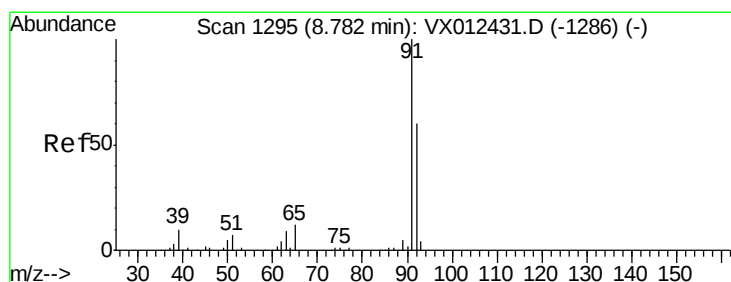
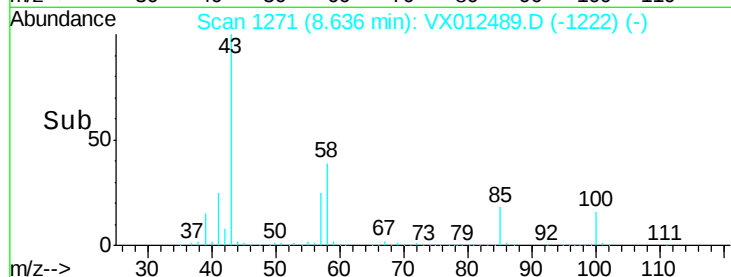
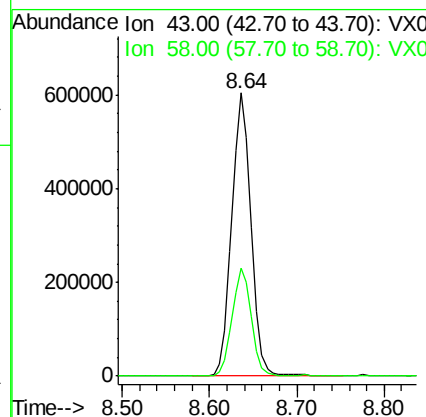
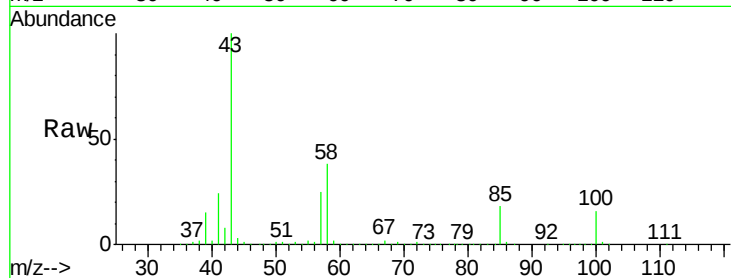
#51
4-Methyl-2-Pentanone
Concen: 249.913 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.8	44.6

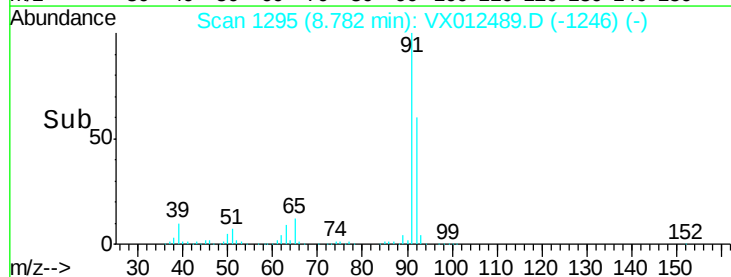
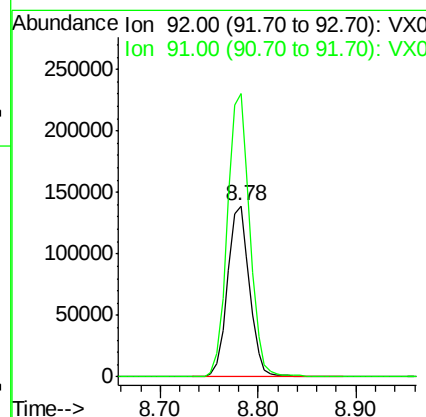
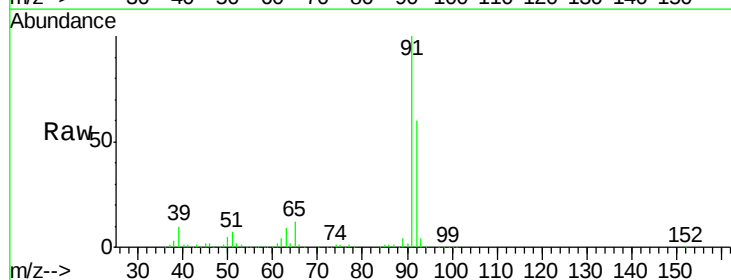
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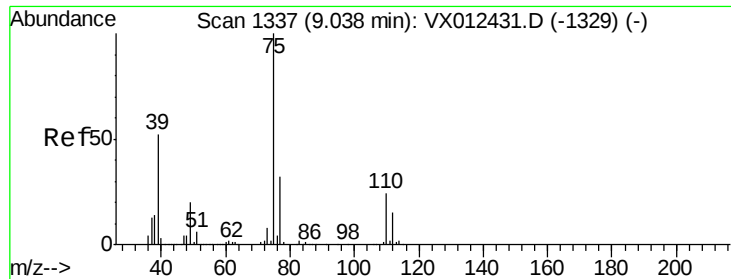
MMDadoda
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#52
Toluene
Concen: 51.685 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.2	135.4	203.0





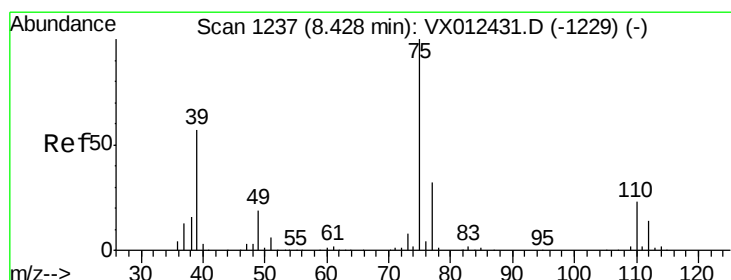
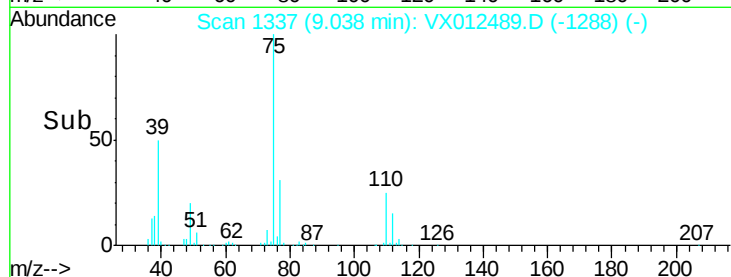
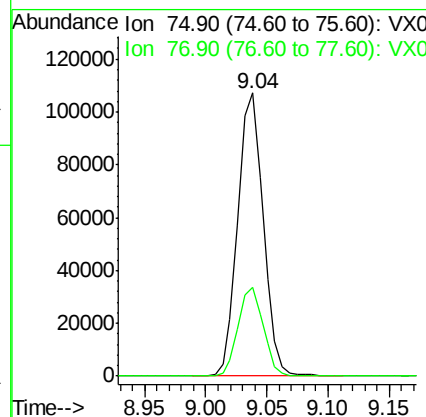
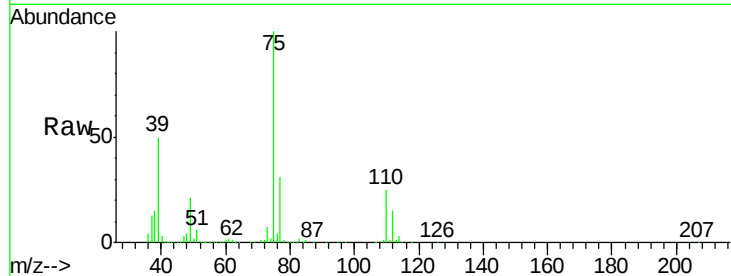
#53
t-1,3-Dichloropropene
Concen: 51.271 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 154127
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

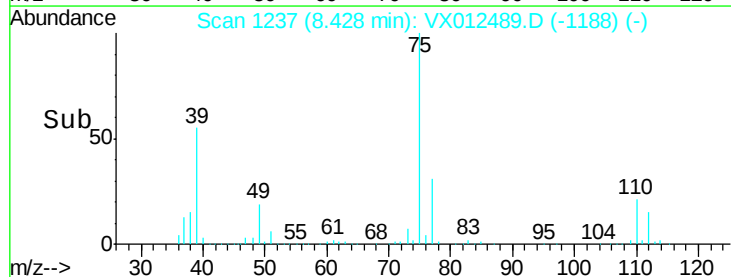
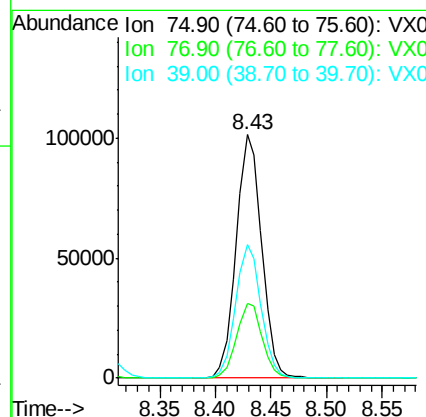
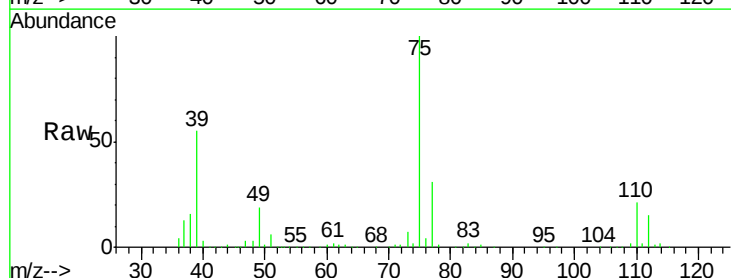
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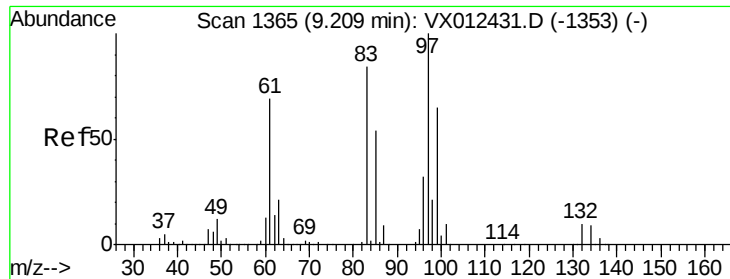
MMDadoda
9/19/2019 1:06:05 PM



#54
cis-1,3-Dichloropropene
Concen: 51.766 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion: 75 Resp: 161103
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.8
39 54.9 45.5 68.3





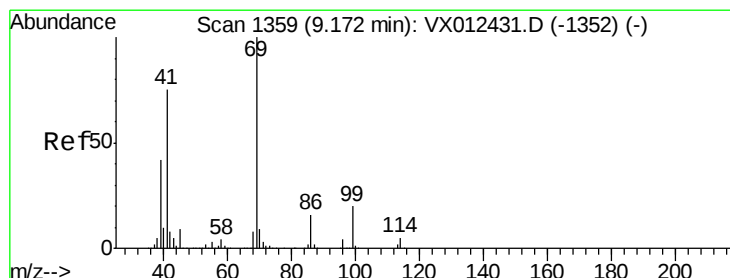
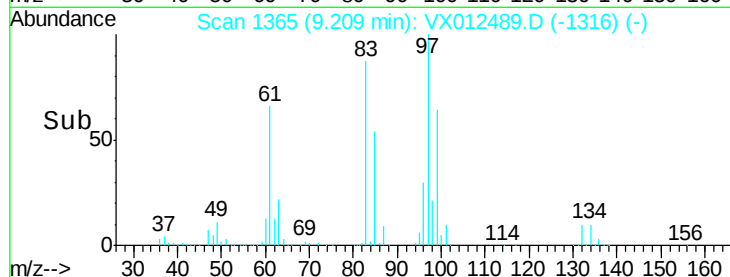
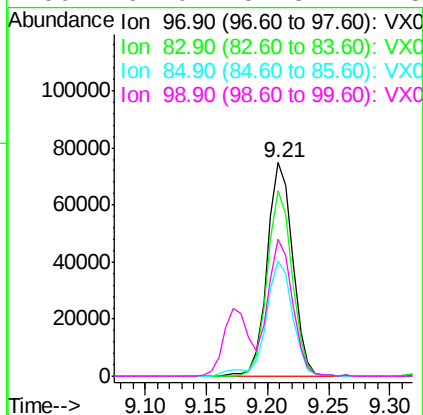
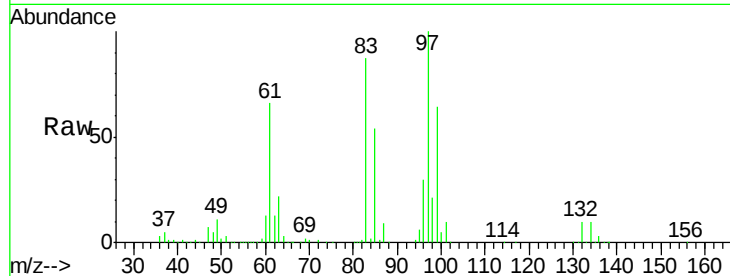
#55
 1,1,2-Trichloroethane
 Concen: 50.184 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	108835
Ion Ratio	Lower	Upper	
97	100		
83	86.7	67.4	101.2
85	53.9	43.5	65.3
99	64.0	51.8	77.8

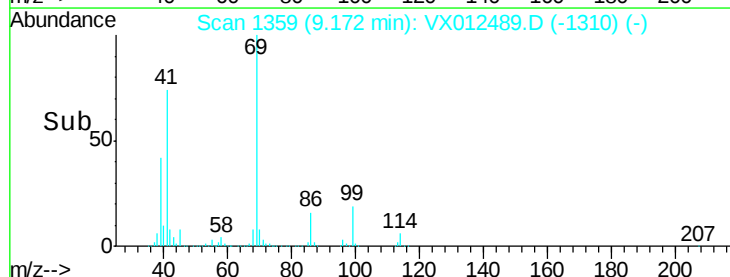
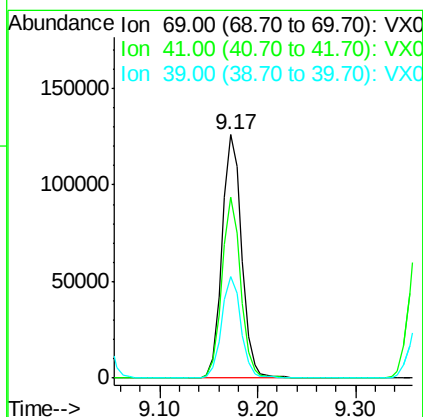
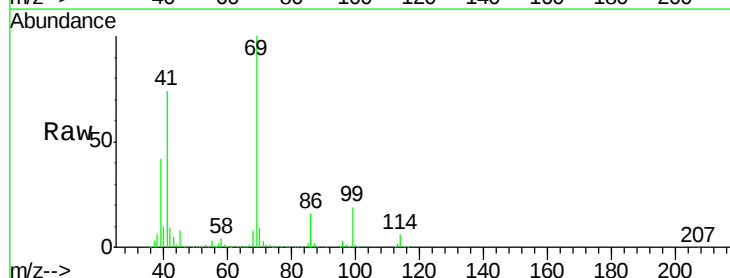
Manual Integrations
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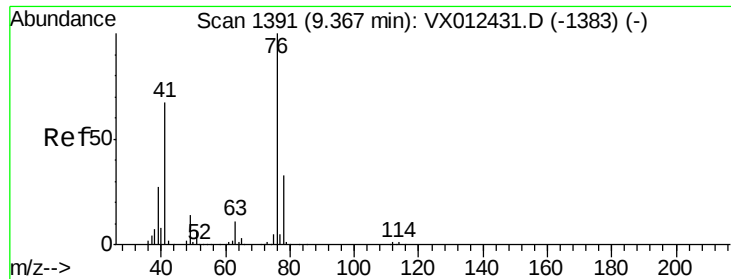
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 9/19/2019 1:06:05 PM



#56
 Ethyl methacrylate
 Concen: 51.890 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion:	69	Resp:	175947
Ion Ratio	Lower	Upper	
69	100		
41	71.1	58.4	87.6
39	40.9	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.768 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 175670

Ion Ratio Lower Upper

76 100

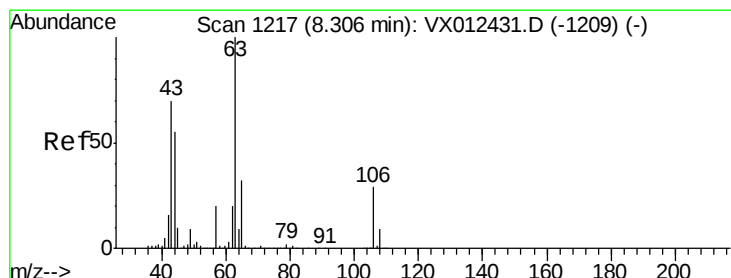
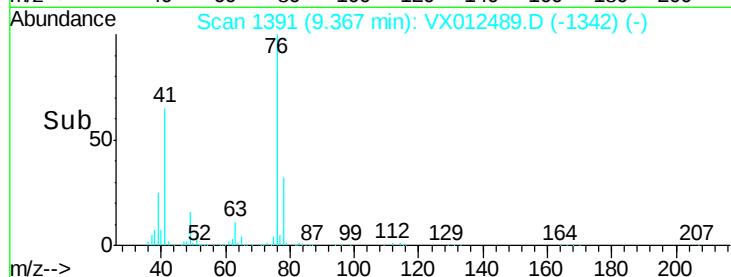
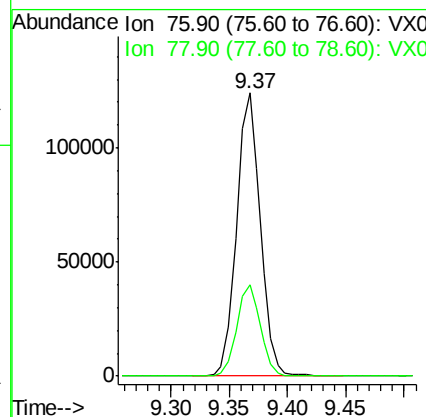
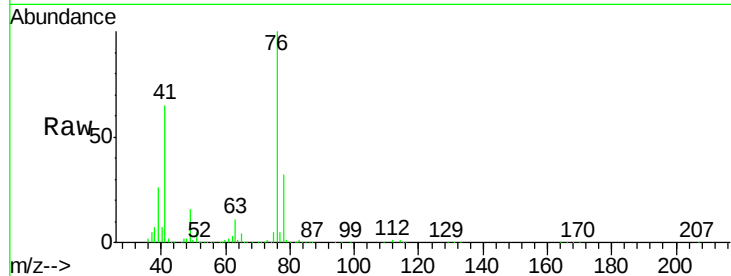
78 32.3 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 269.488 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012489.D

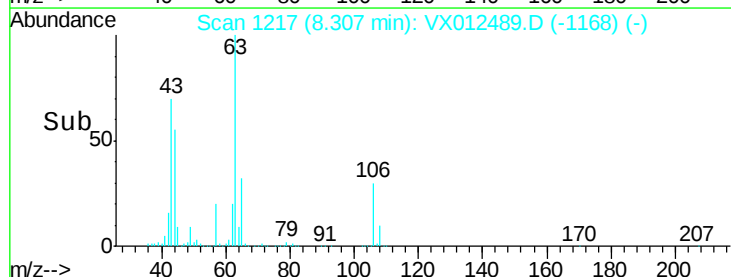
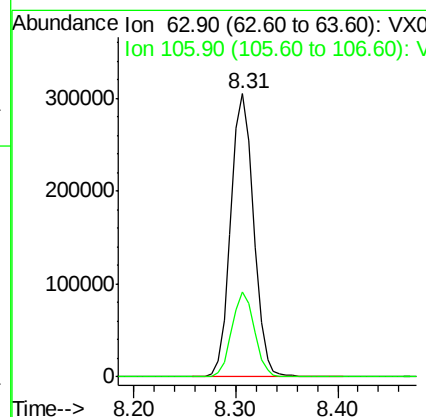
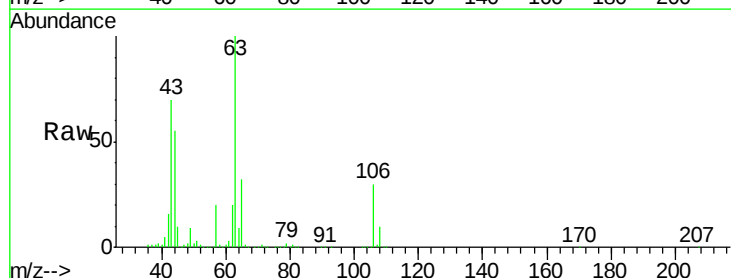
Acq: 18 Sep 2019 21:14

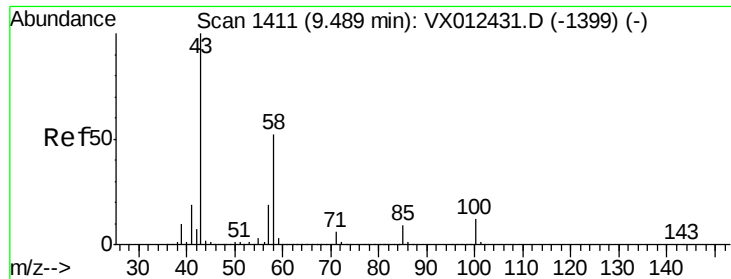
Tgt Ion: 63 Resp: 473005

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.6





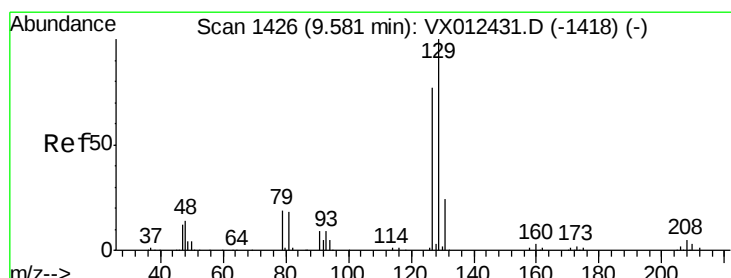
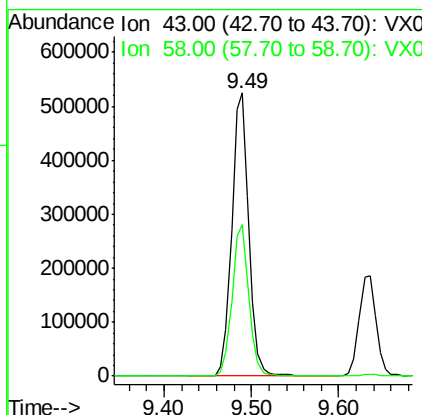
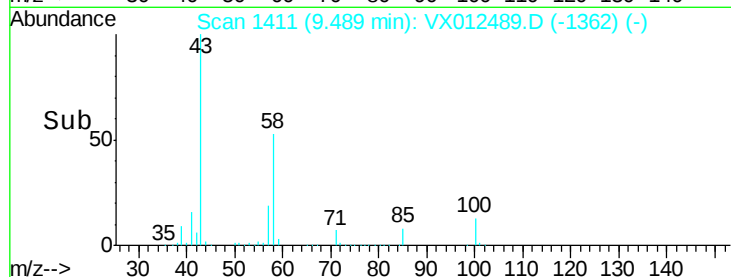
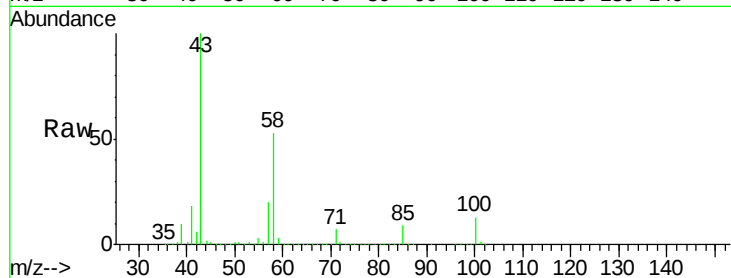
#59
2-Hexanone
Concen: 246.137 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 712743
Ion Ratio Lower Upper
43 100
58 52.9 25.7 77.1

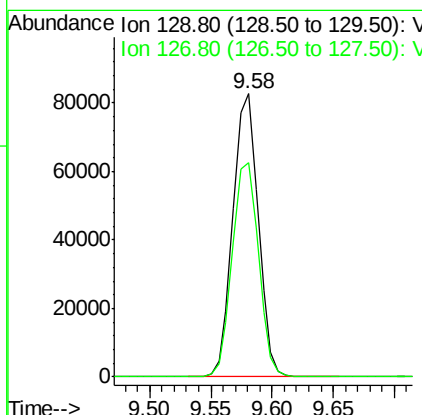
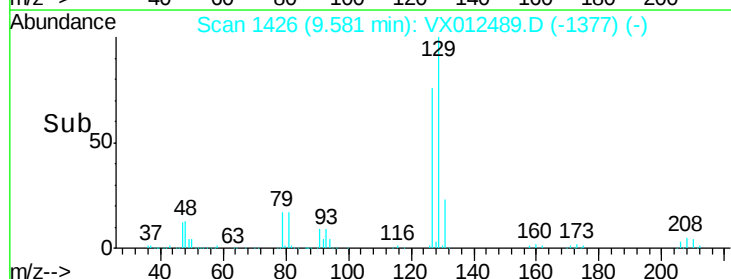
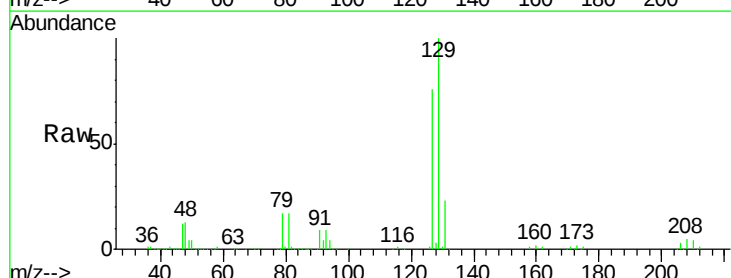
Manual Integrations
APPROVED

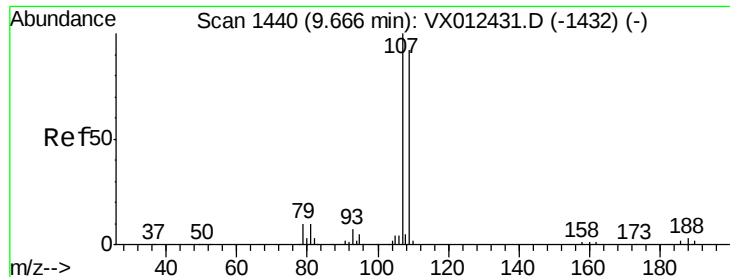
MMDadoda
9/19/2019 1:06:05 PM



#60
Dibromochloromethane
Concen: 53.718 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion: 129 Resp: 118667
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.129 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 107214

Ion Ratio Lower Upper

107 100

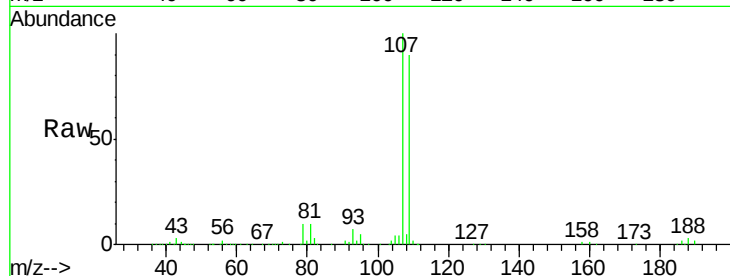
109 92.8 74.7 112.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

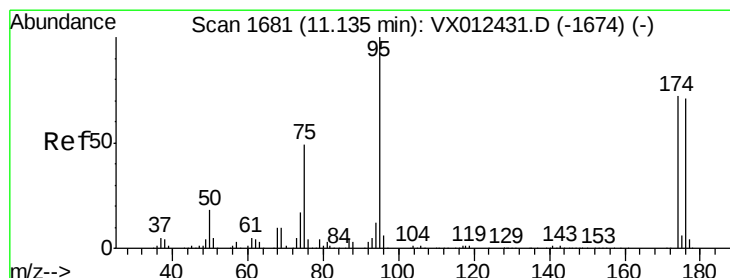
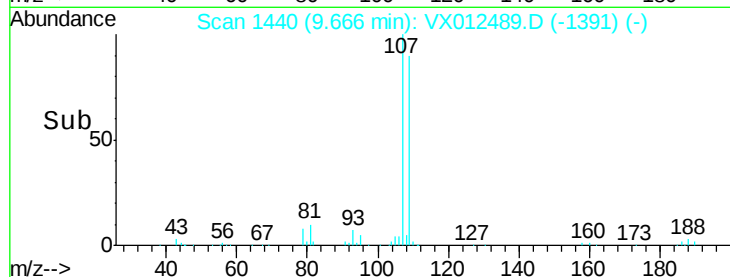
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 48.736 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

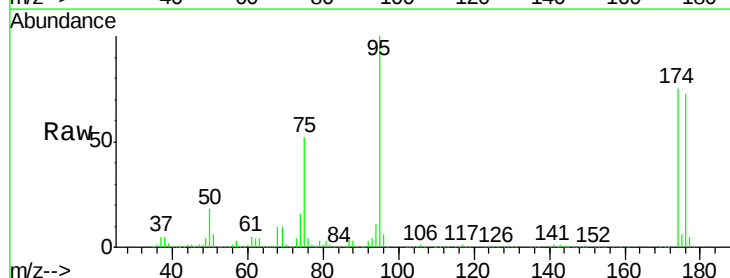
Tgt Ion: 95 Resp: 153241

Ion Ratio Lower Upper

95 100

174 73.2 0.0 140.0

176 71.1 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

11.14

150000

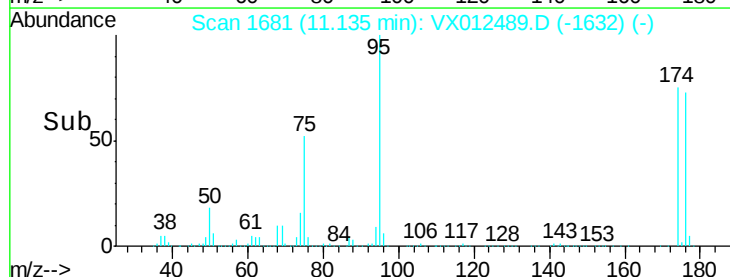
100000

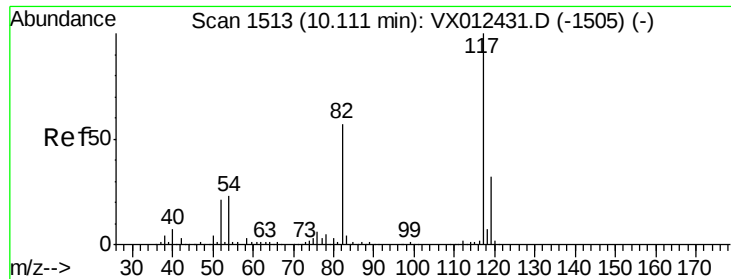
50000

0

Time-->

11.05 11.10 11.15 11.20





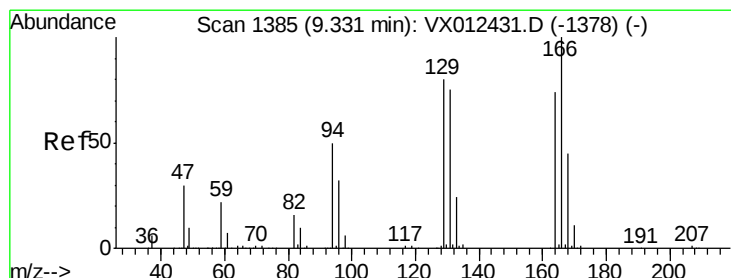
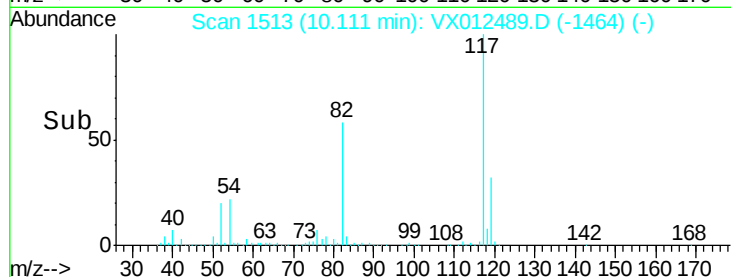
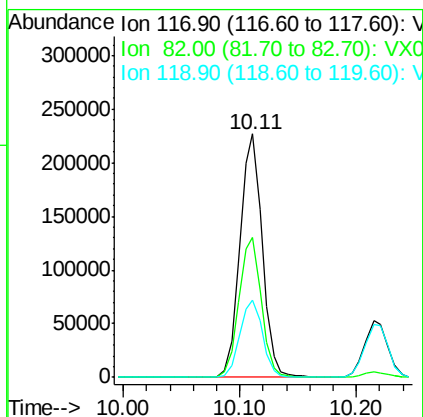
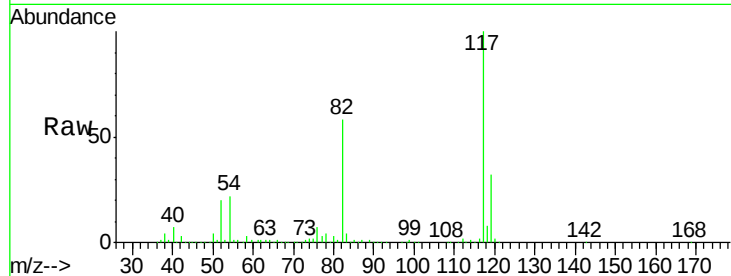
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	303499		
82	57.5	45.9	68.9	
119	32.0	25.3	37.9	

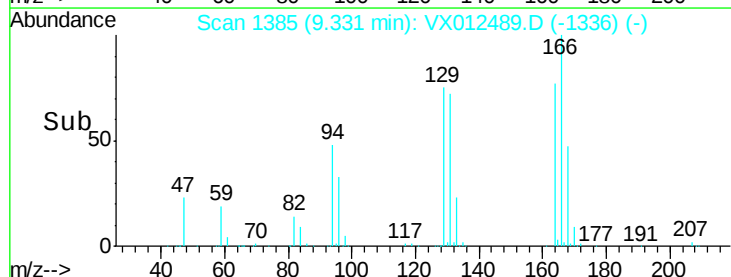
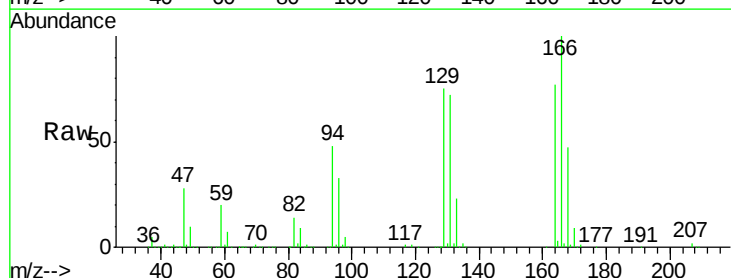
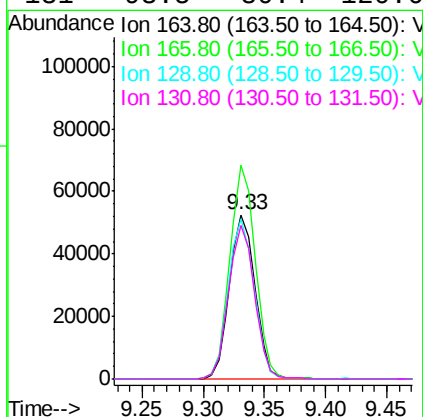
Manual Integrations
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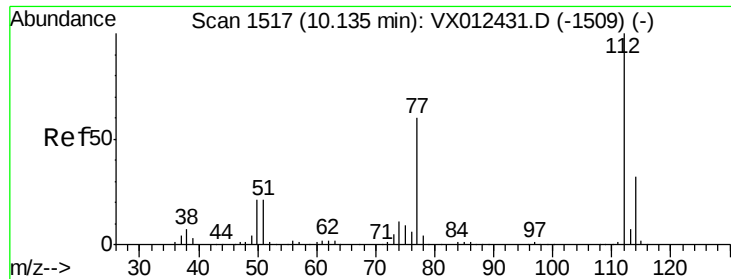
MMDadoda
9/19/2019 1:06:05 PM



#64
Tetrachloroethene
Concen: 54.959 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76434		
166	129.9	107.8	161.6	
129	97.0	86.2	129.2	
131	93.5	80.4	120.6	





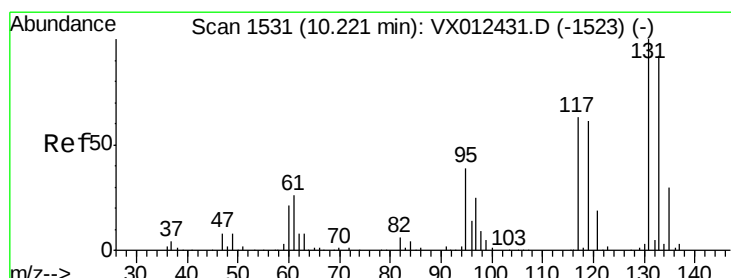
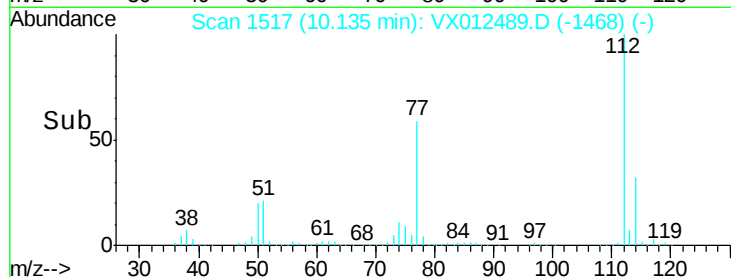
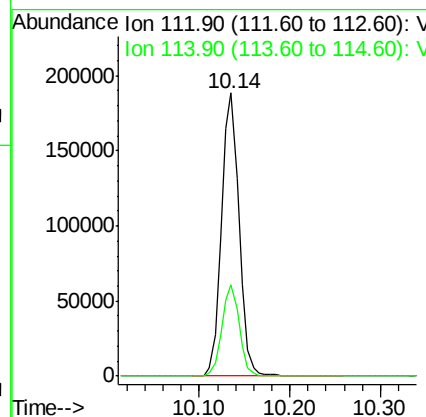
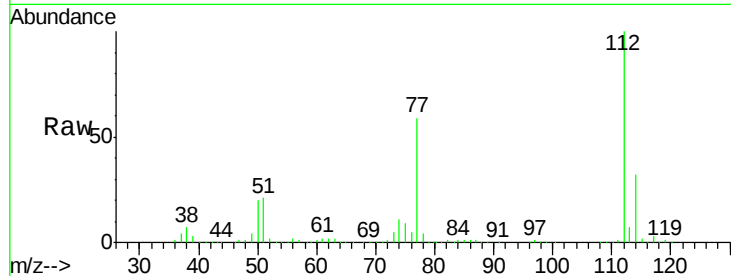
#65
Chlorobenzene
Concen: 51.149 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 256215
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

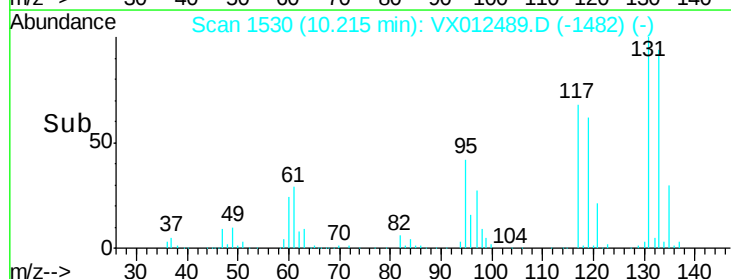
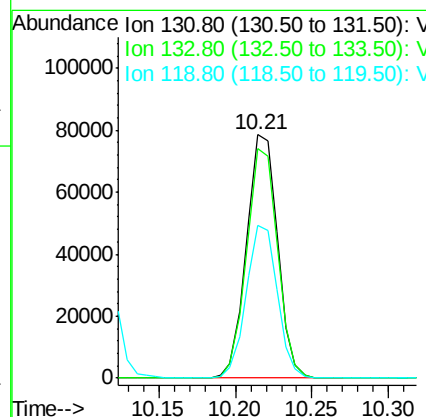
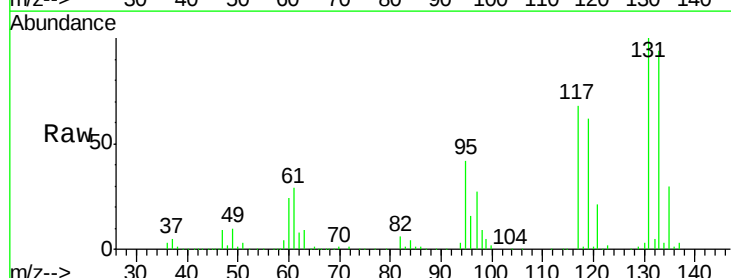
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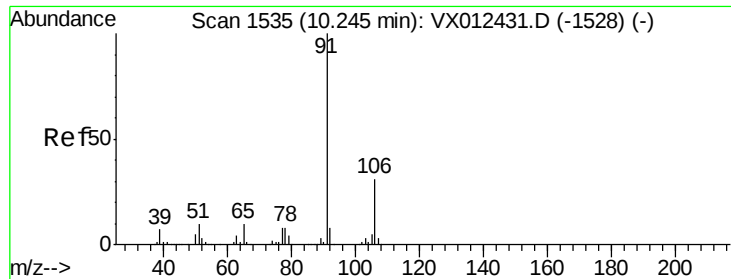
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.360 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion:131 Resp: 110933
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.9
119 62.8 31.3 93.8





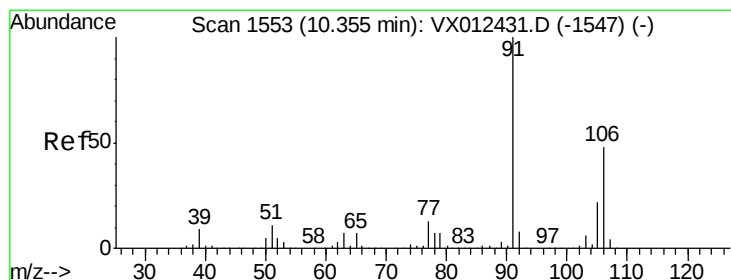
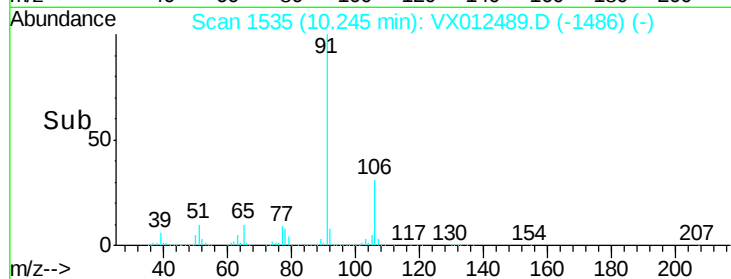
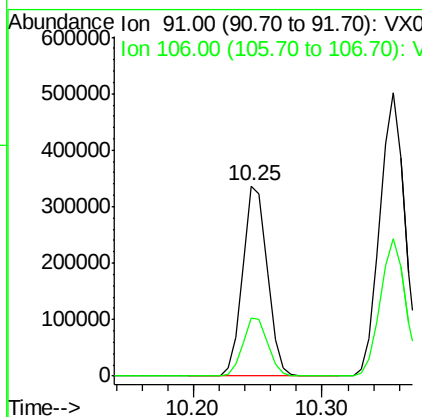
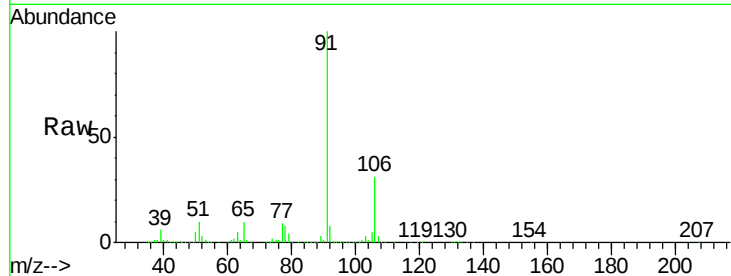
#67
Ethyl Benzene
Concen: 51.752 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 445384
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

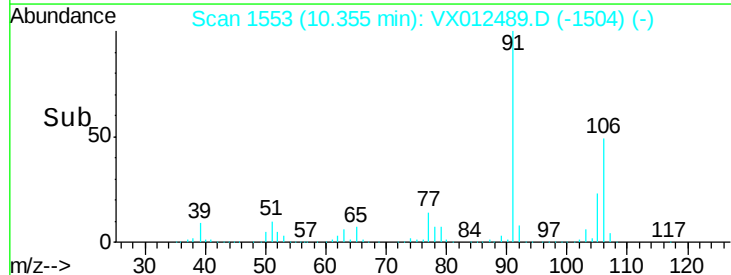
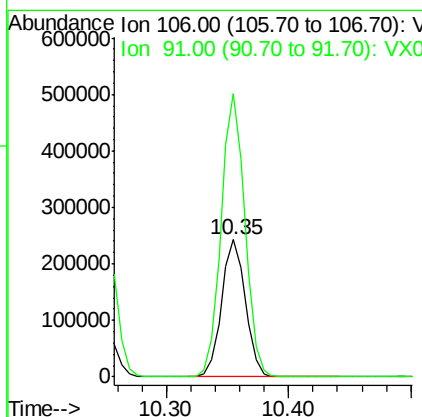
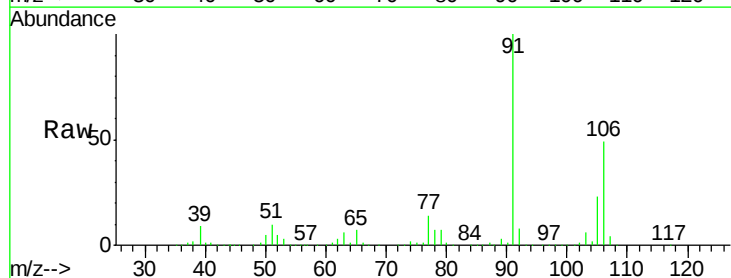
Manual Integrations
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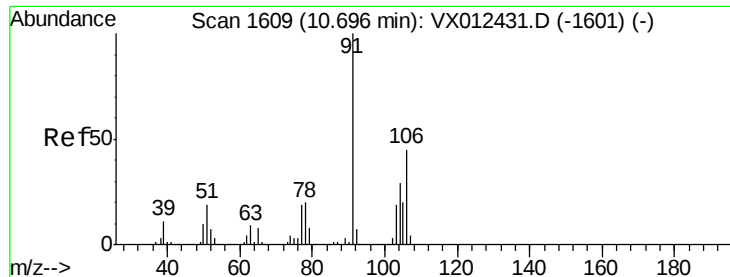
MMDadoda
9/19/2019 1:06:05 PM



#68
m/p-Xylenes
Concen: 104.566 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion: 106 Resp: 327432
Ion Ratio Lower Upper
106 100
91 205.8 166.6 250.0





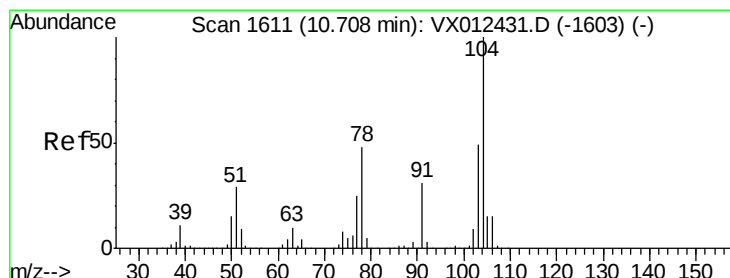
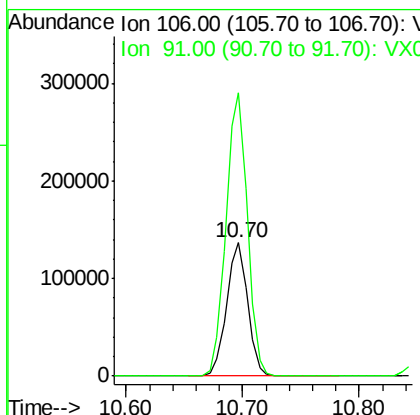
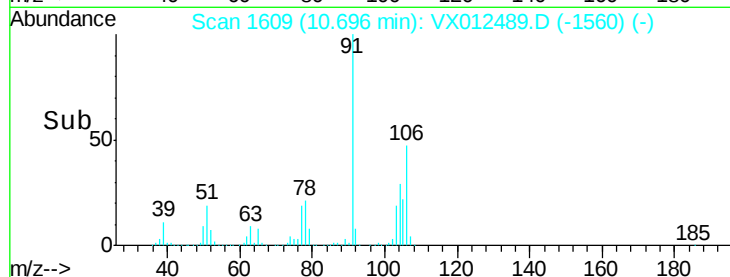
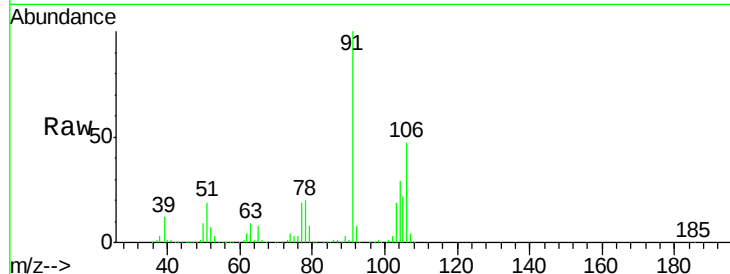
#69
o-Xylene
Concen: 52.984 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.5	109.4	328.2		

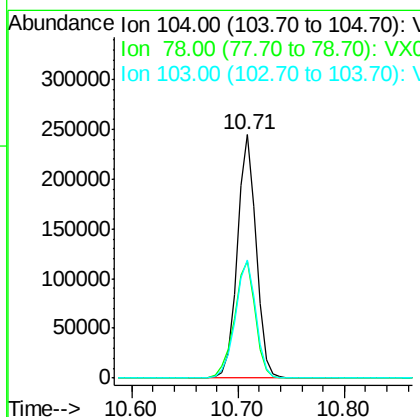
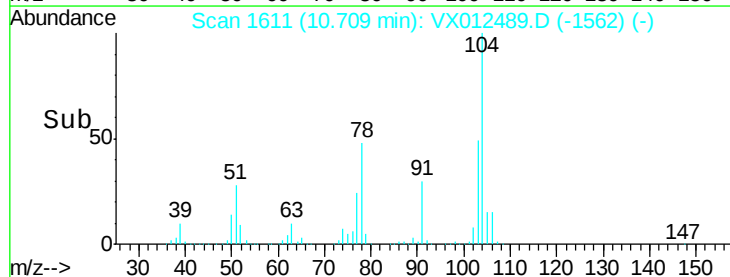
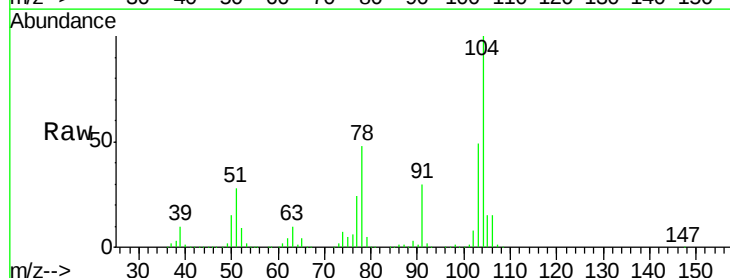
Manual Integrations
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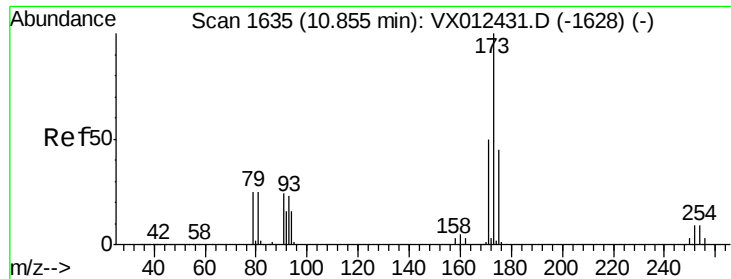
MMDadoda
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#70
Styrene
Concen: 53.397 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	53.2	43.4	65.2		
103	53.0	43.3	64.9		





#71

Bromoform

Concen: 47.931 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 85571

Ion Ratio Lower Upper

173 100

175 48.6 23.7 71.1

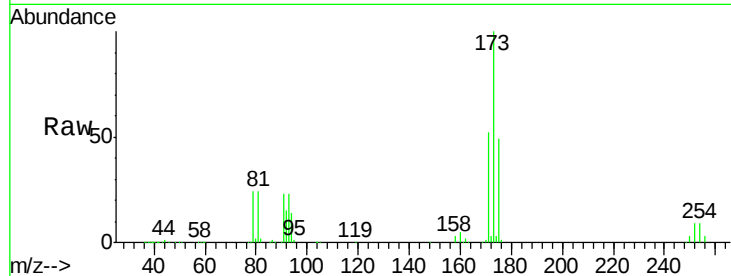
254 0.1 0.1 0.1#

Manual Integrations

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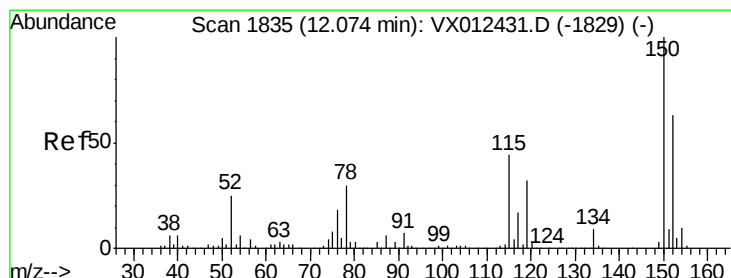
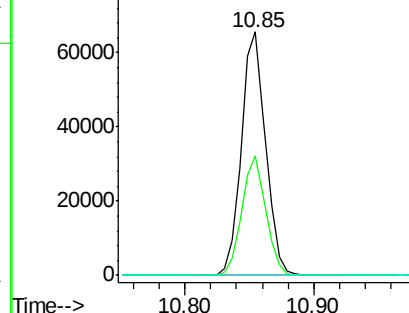
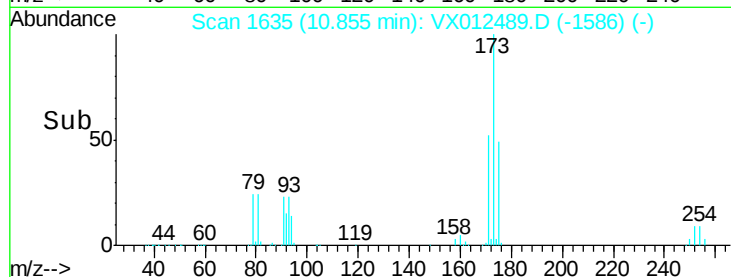
9/19/2019 1:06:05 PM



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: VX012489.D

Acq: 18 Sep 2019 21:14

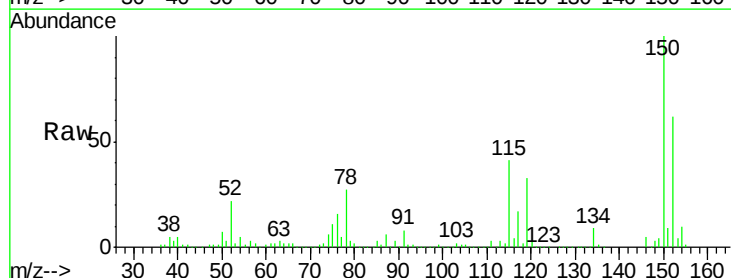
Tgt Ion:152 Resp: 148885

Ion Ratio Lower Upper

152 100

115 84.5 44.1 132.3

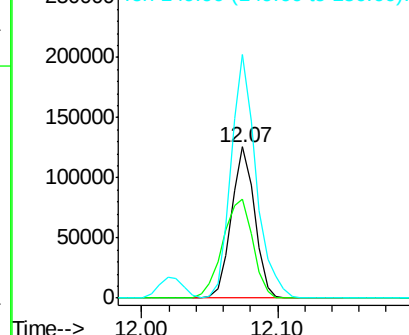
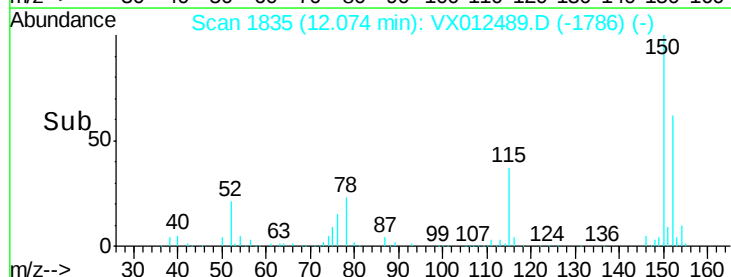
150 174.0 0.0 343.8

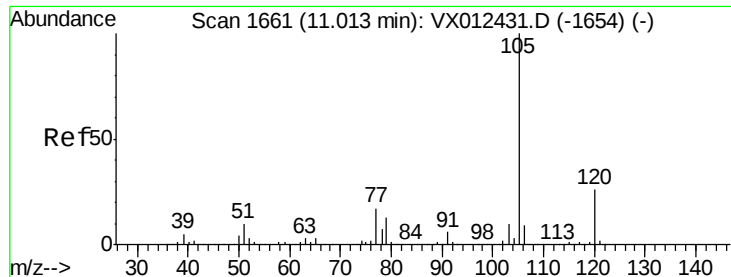


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.444 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 471232

Ion Ratio Lower Upper

105 100

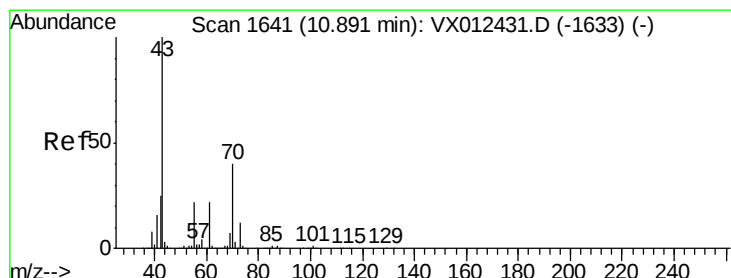
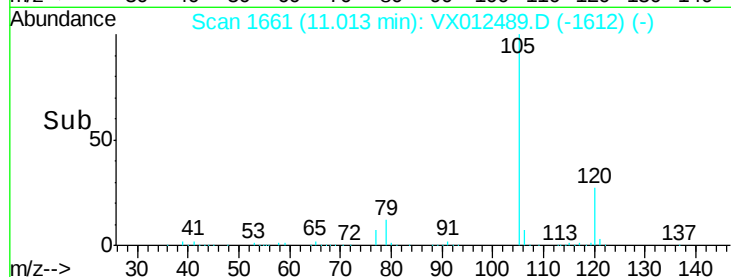
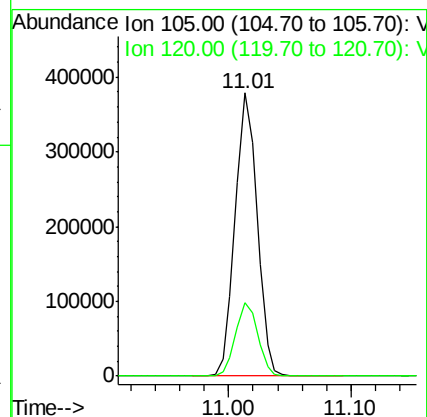
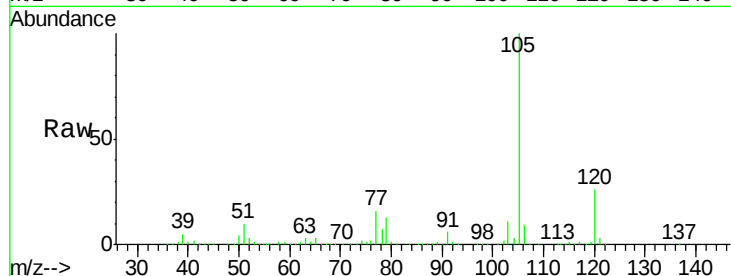
120 26.3 12.9 38.7

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#74

N-ethyl acetate

Concen: 51.602 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion: 43 Resp: 259527

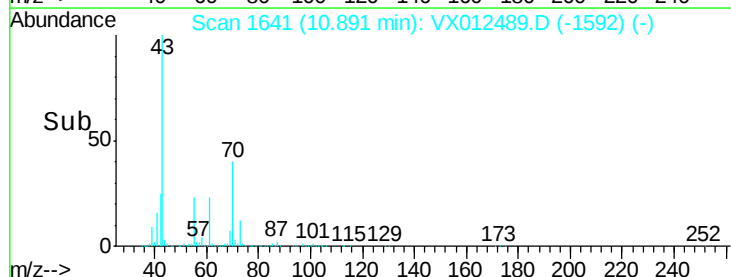
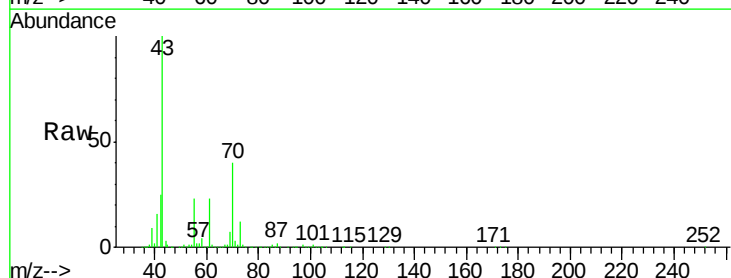
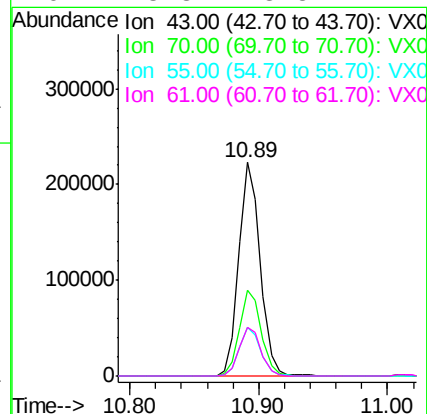
Ion Ratio Lower Upper

43 100

70 41.0 32.4 48.6

55 23.2 18.2 27.4

61 23.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.064 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

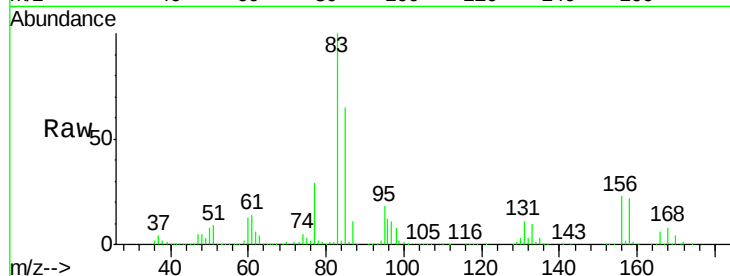
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	183459
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.3	32.0	96.0

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

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.26

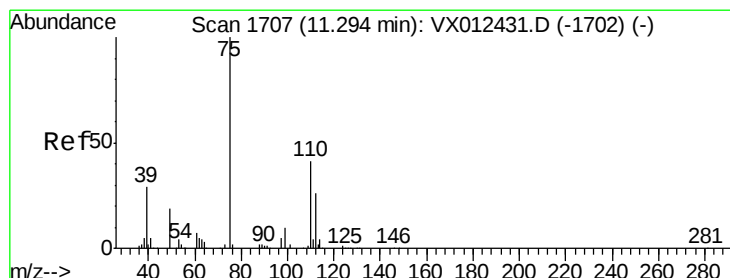
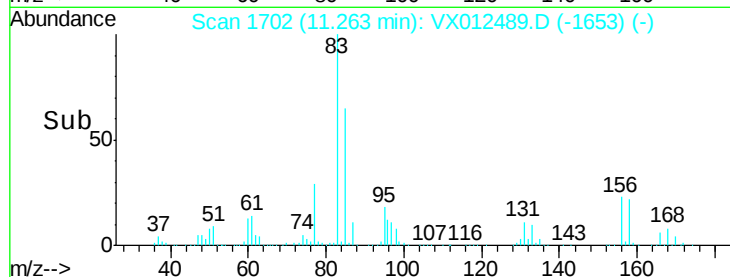
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 50.565 ug/l m

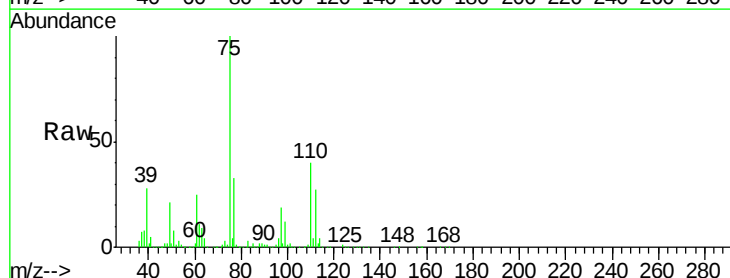
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion:	75	Resp:	172932
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.29

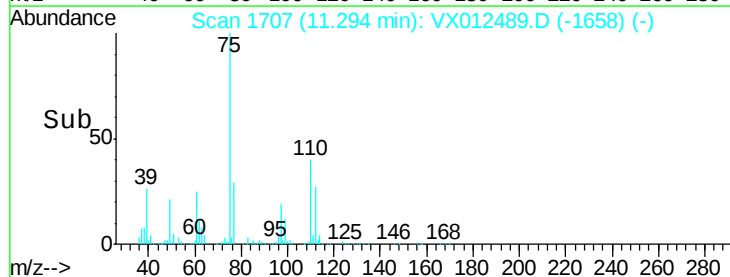
150000

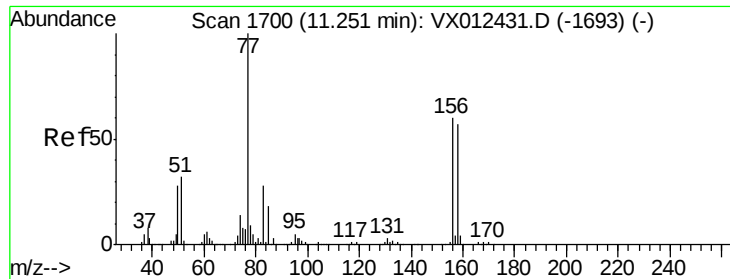
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 52.430 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

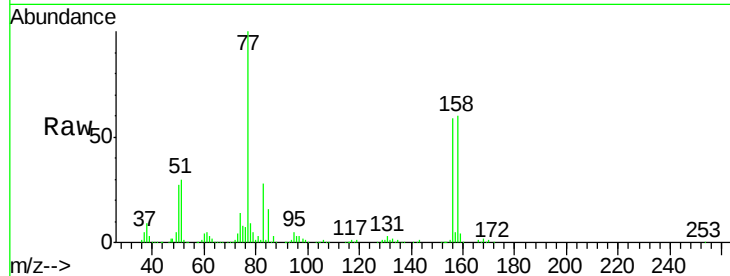
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		119449		
77	167.6	87.3	261.8		
158	97.4	48.5	145.6		

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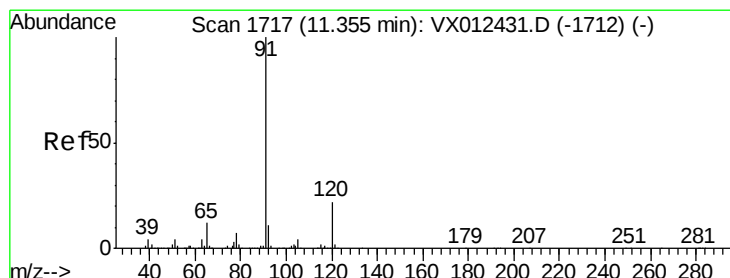
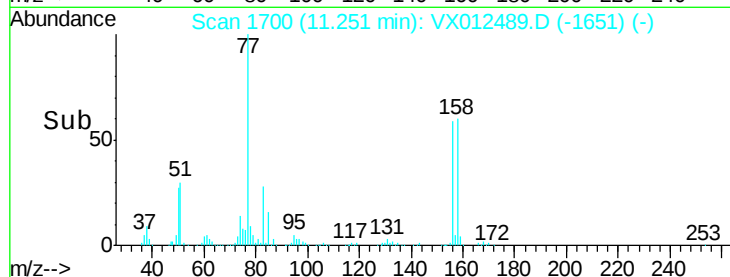
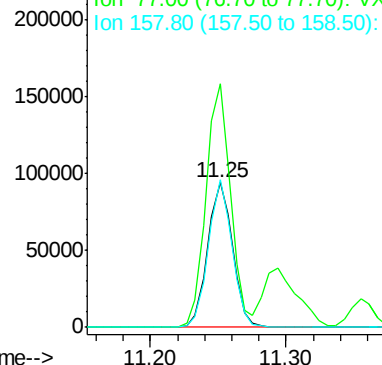


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.838 ug/l

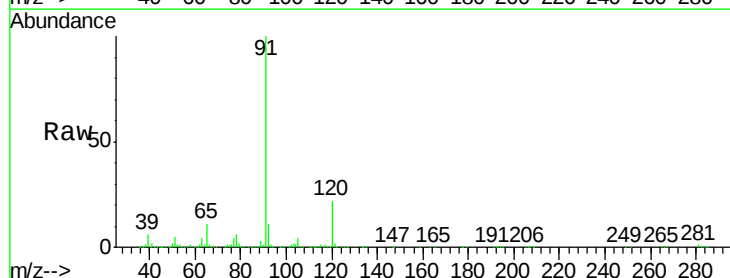
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

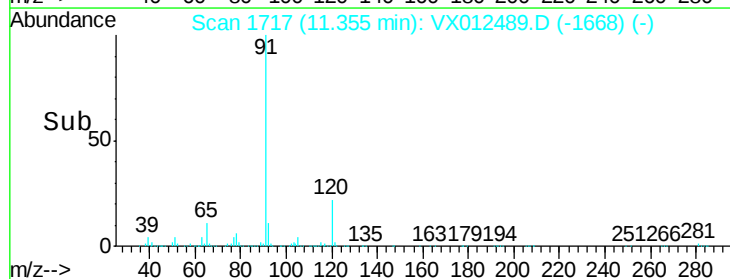
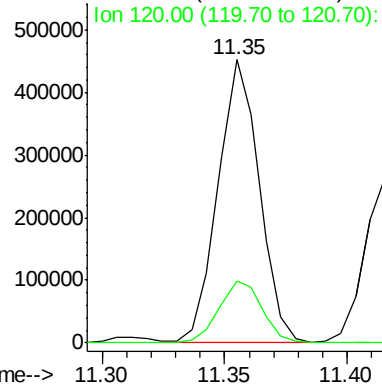
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		529312		
120	23.0	11.3	33.8		

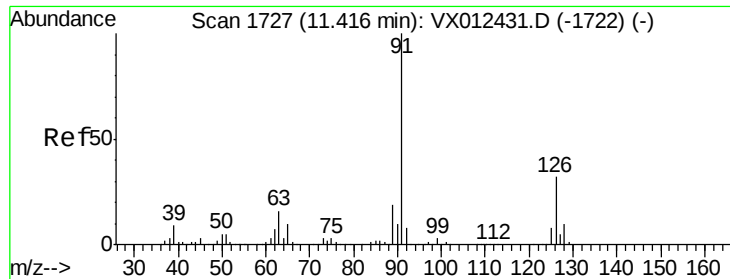


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





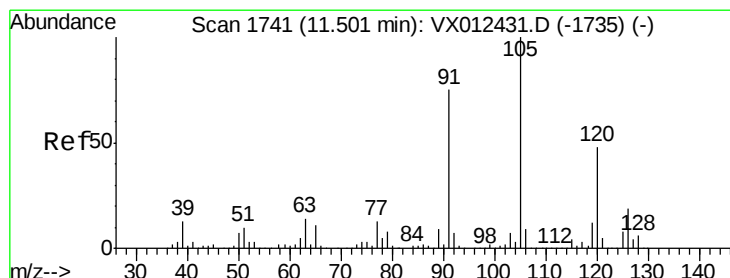
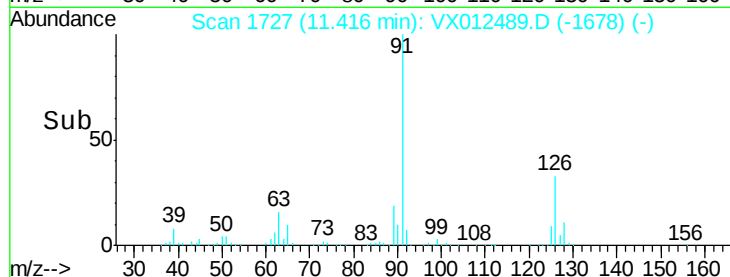
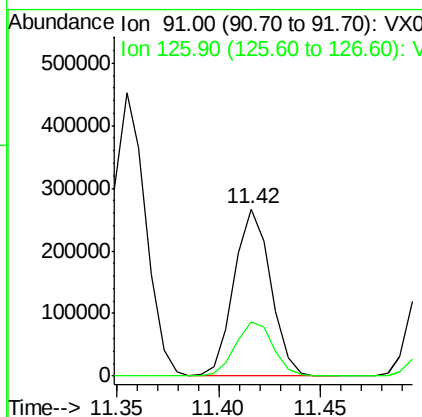
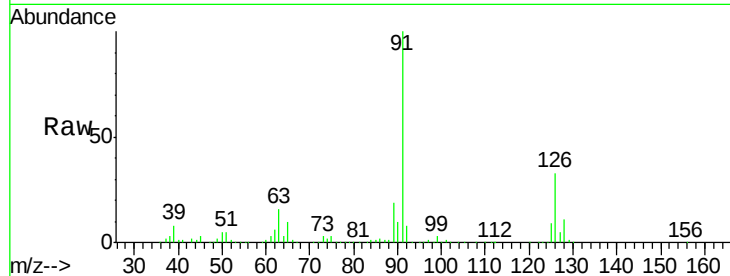
#79
2-Chlorotoluene
Concen: 48.874 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 331044
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

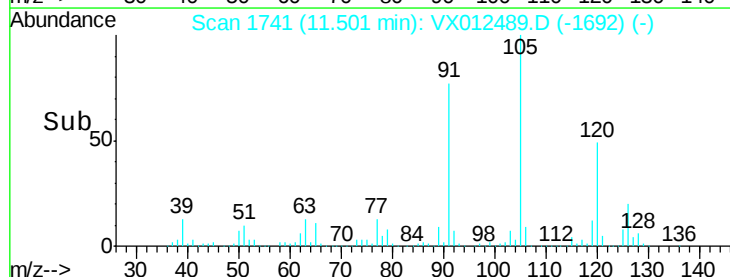
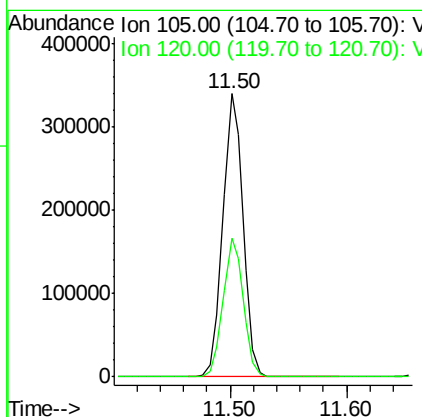
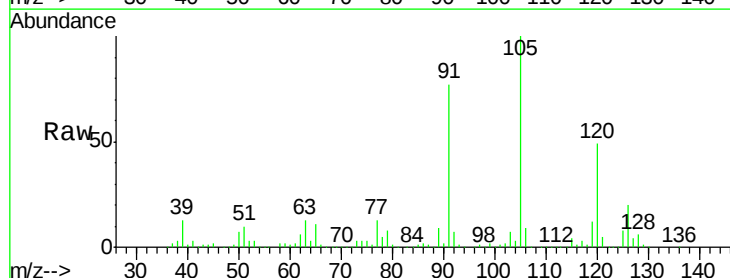
Manual Integrations
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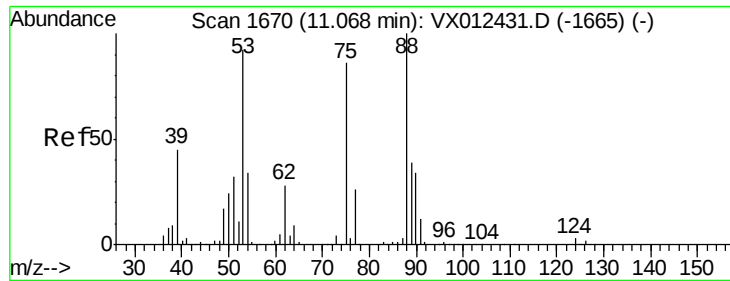
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.954 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion: 105 Resp: 405945
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





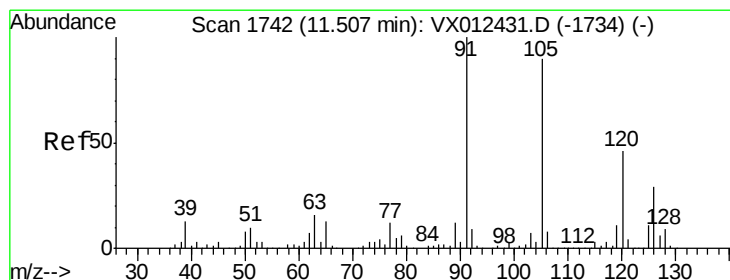
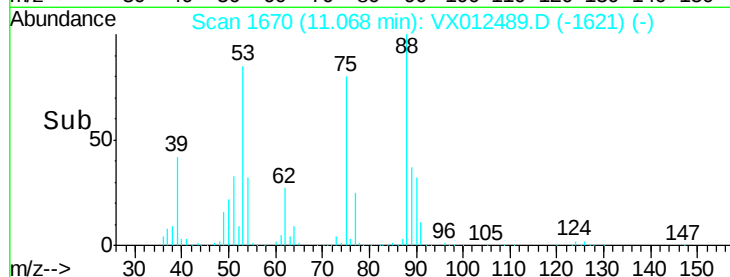
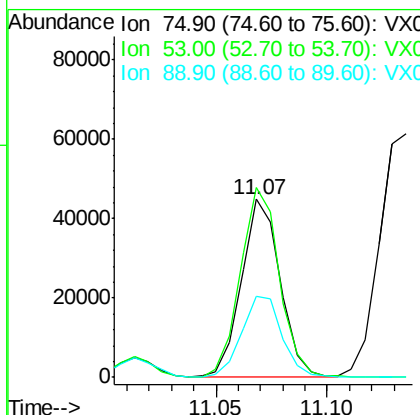
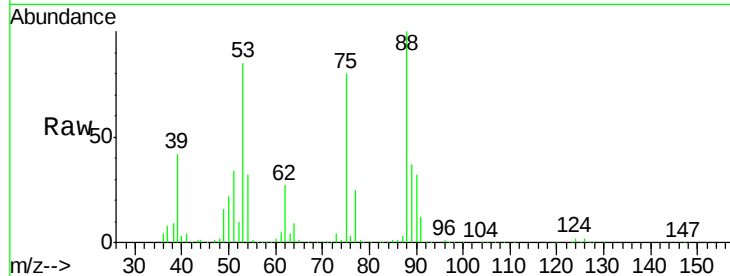
#81
trans-1,4-Dichloro-2-butene
Concen: 44.137 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	83.6	125.4
89	47.6	36.3	54.5

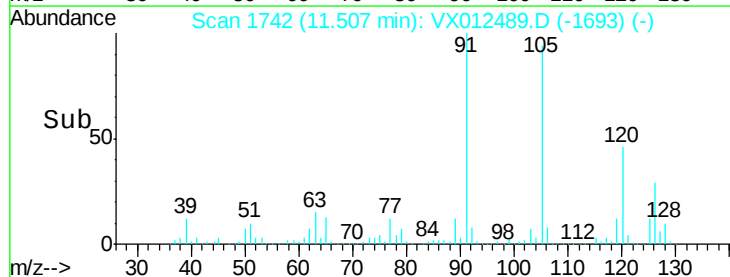
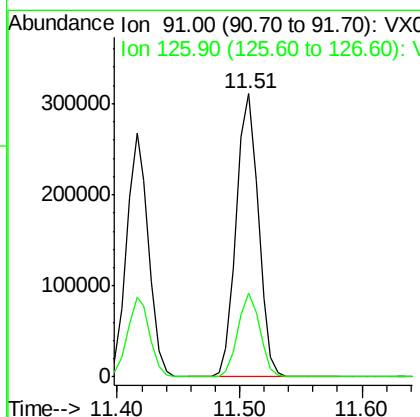
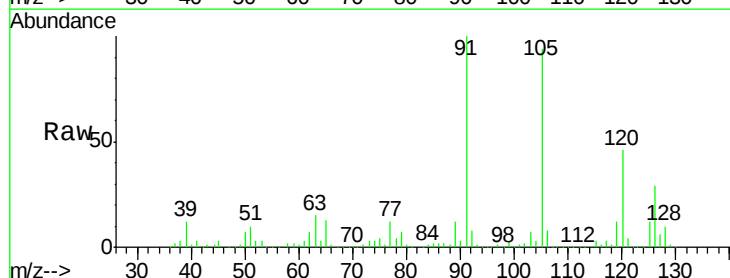
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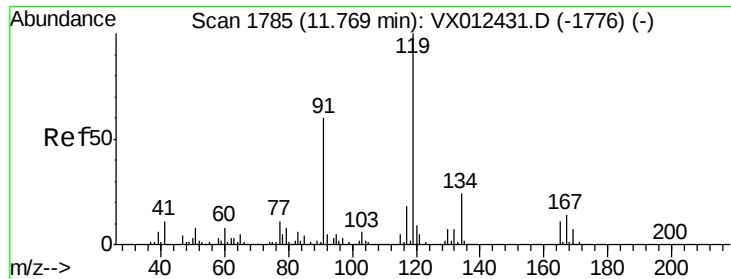
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#82
4-Chlorotoluene
Concen: 49.885 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.4	43.0





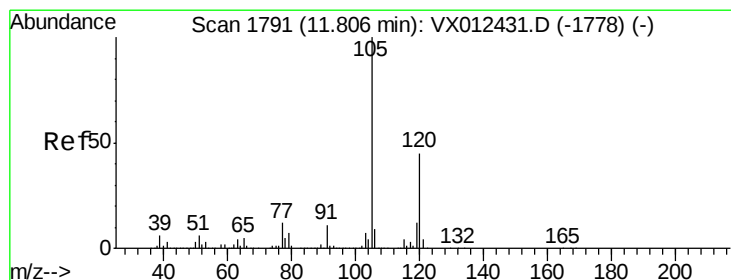
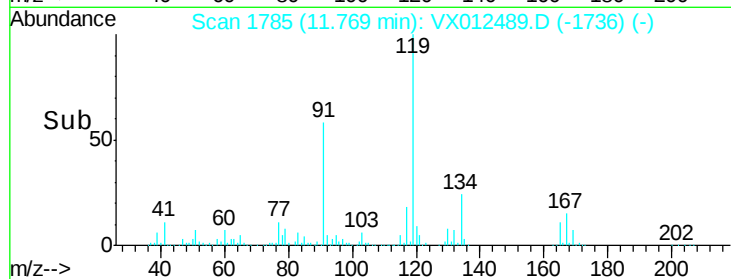
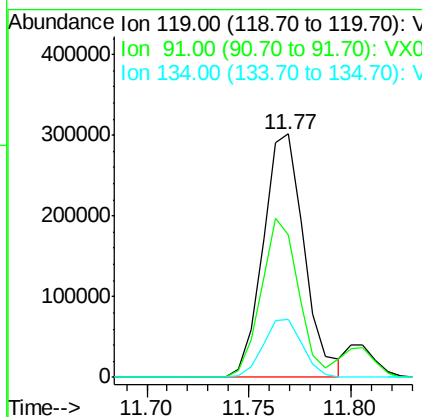
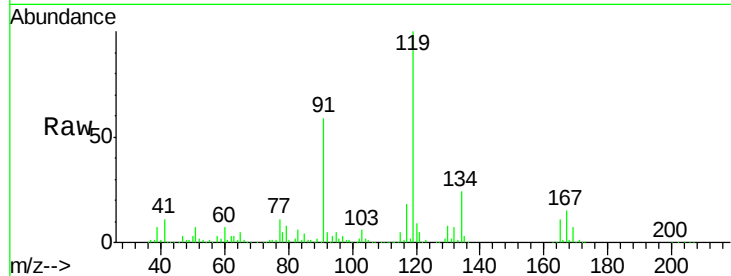
#83
 tert-Butylbenzene
 Concen: 49.596 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	423398		
91	59.3		30.0	90.0
134	23.0		11.3	33.9

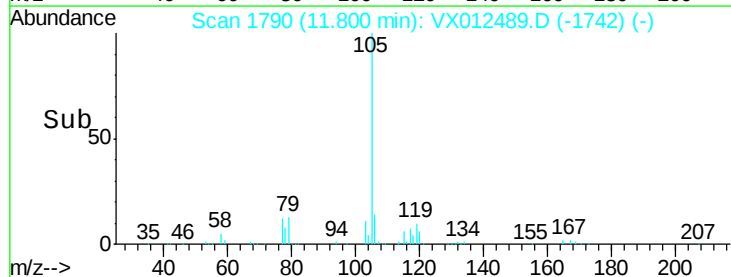
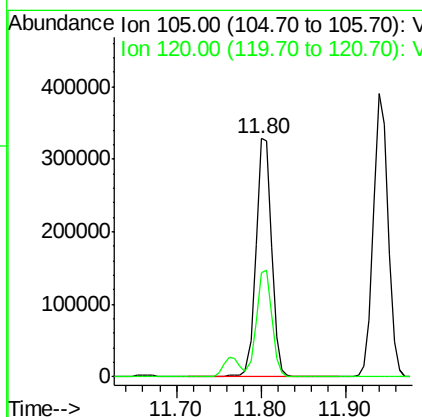
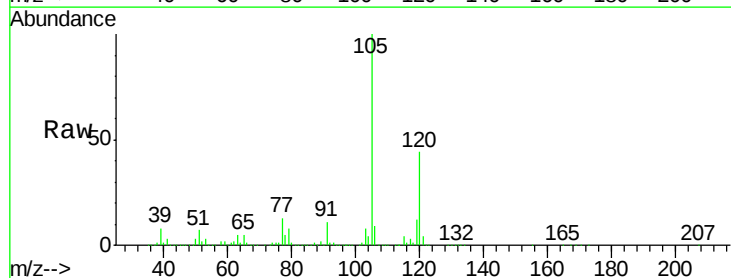
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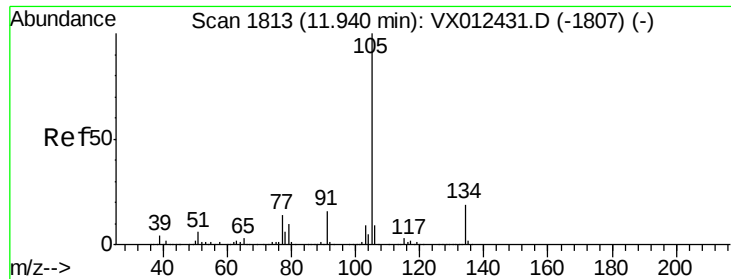
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.509 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	421355		
120	44.1		22.2	66.6





#85

sec-Butylbenzene

Concen: 50.541 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 475441

Ion Ratio Lower Upper

105 100

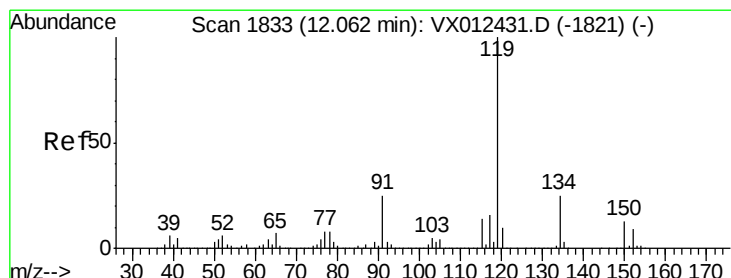
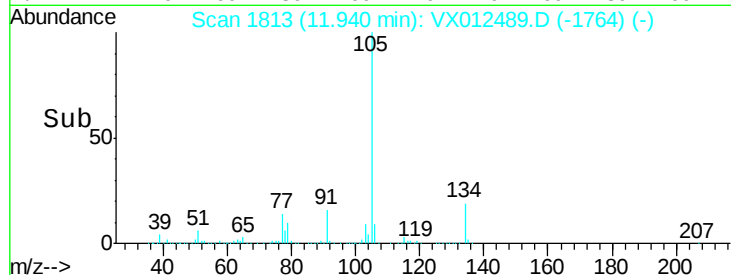
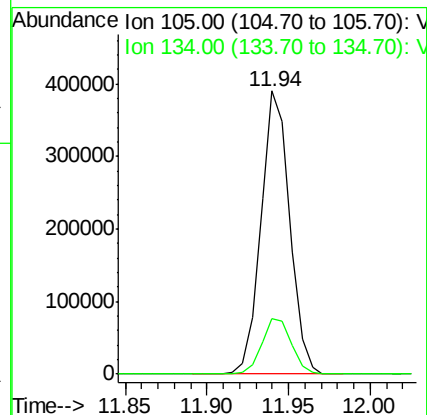
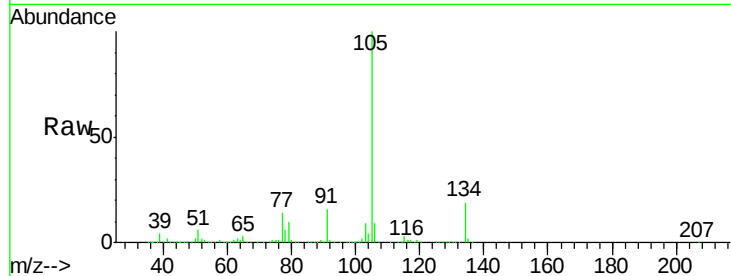
134 20.3 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.875 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

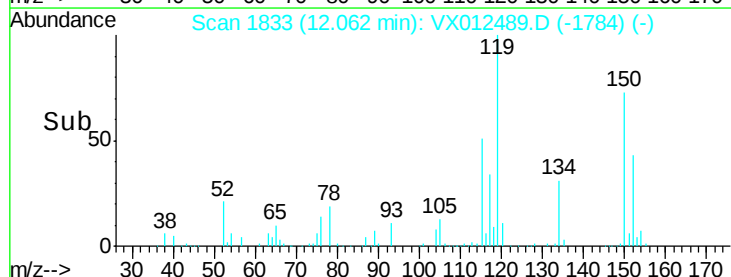
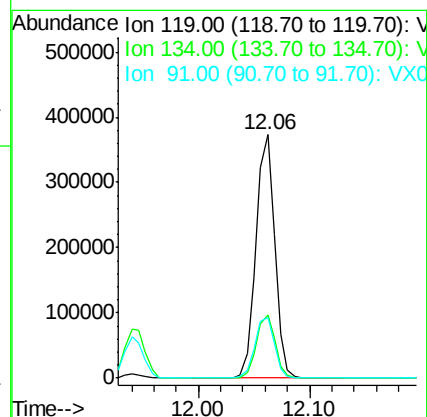
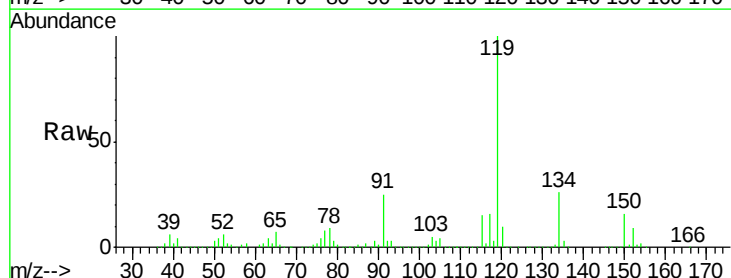
Tgt Ion:119 Resp: 439459

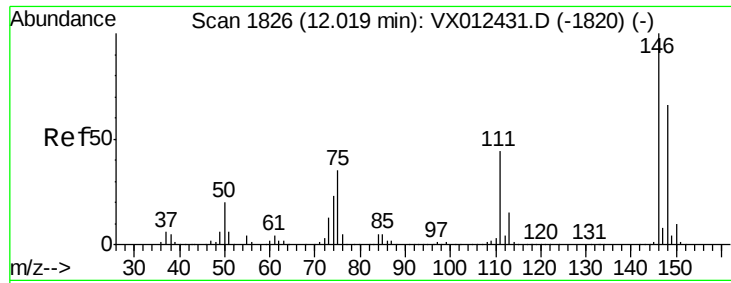
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 25.7 12.8 38.4





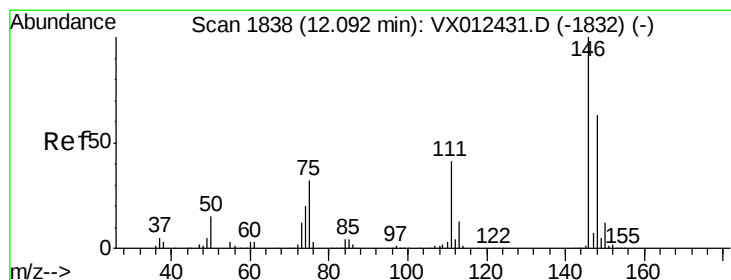
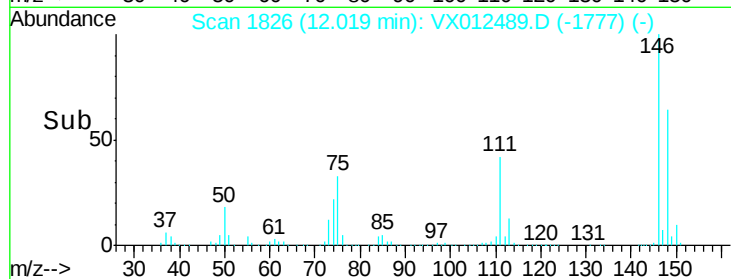
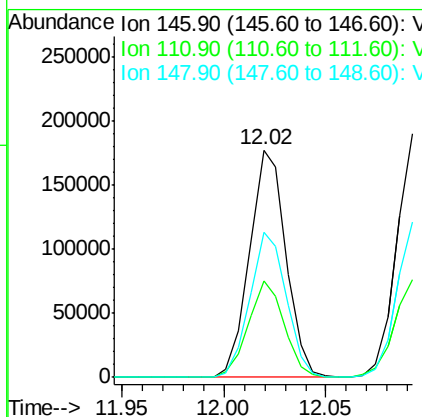
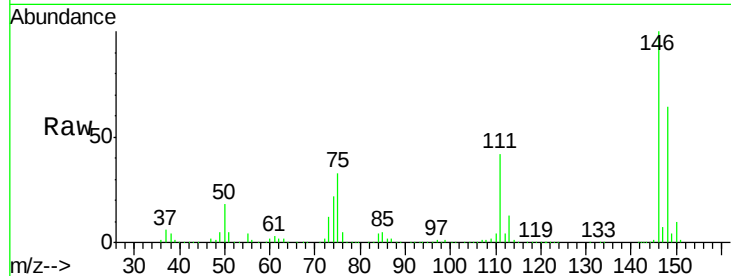
#87
 1,3-Dichlorobenzene
 Concen: 51.585 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	64.0
148	63.8	32.4	97.2

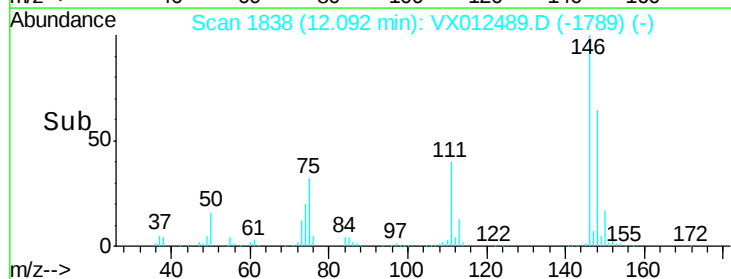
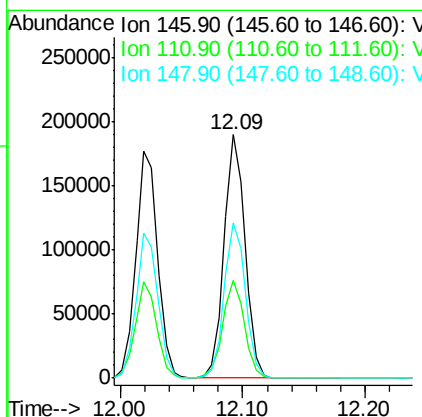
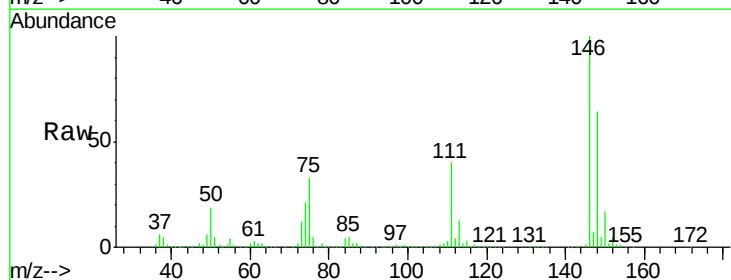
Manual Integrations
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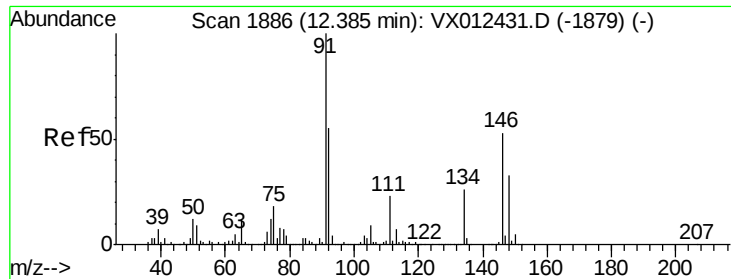
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#88
 1,4-Dichlorobenzene
 Concen: 51.284 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.3
148	64.7	32.1	96.5





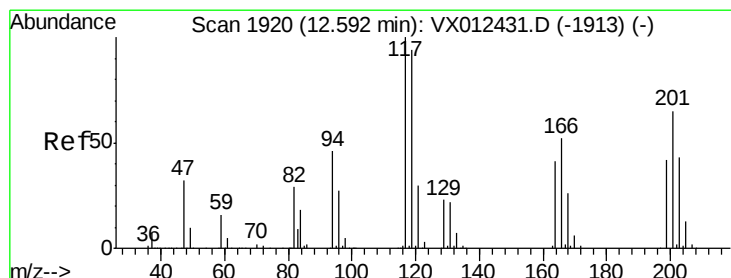
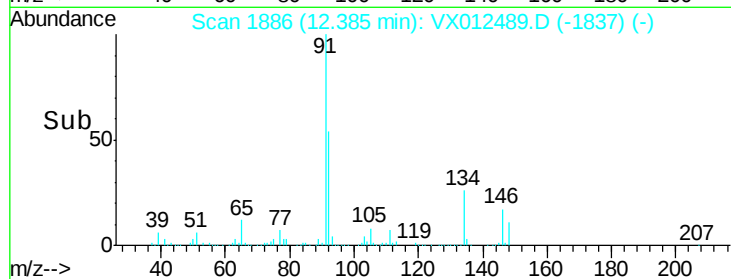
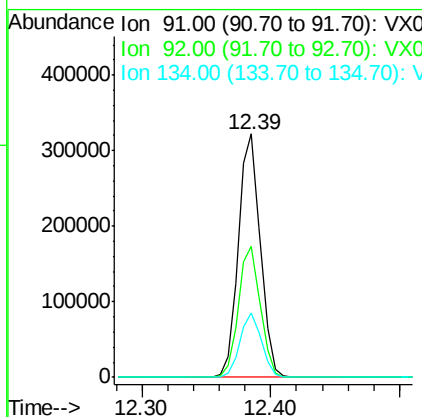
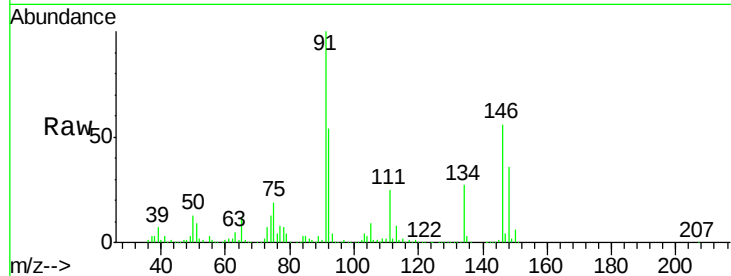
#89
n-Butylbenzene
Concen: 49.292 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.7	83.0
134	26.1	12.9	38.6

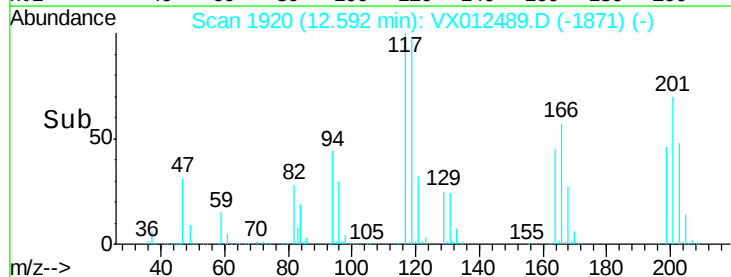
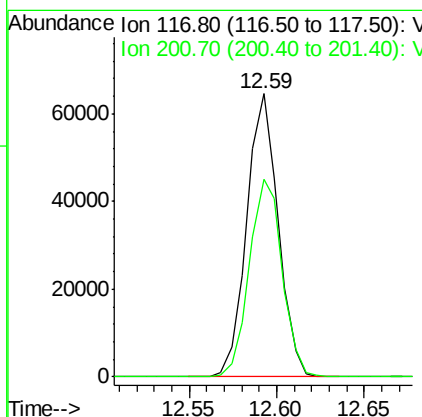
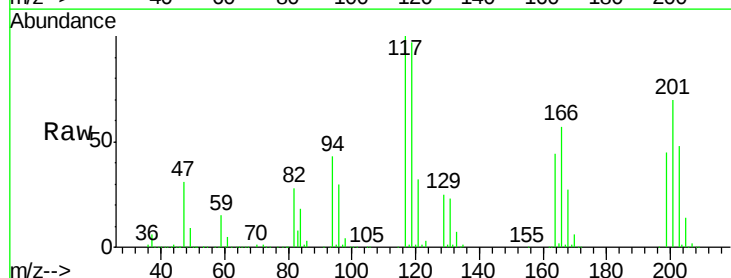
Manual Integrations
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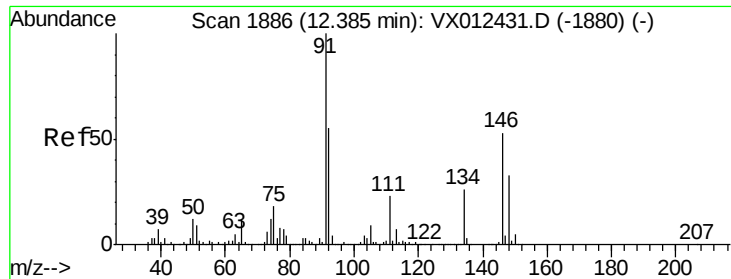
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#90
Hexachloroethane
Concen: 50.847 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012489.D
Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.1	33.3	99.8





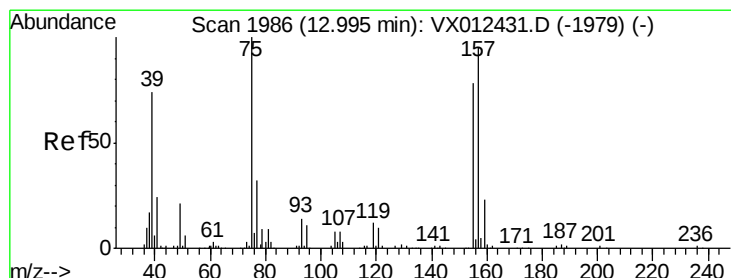
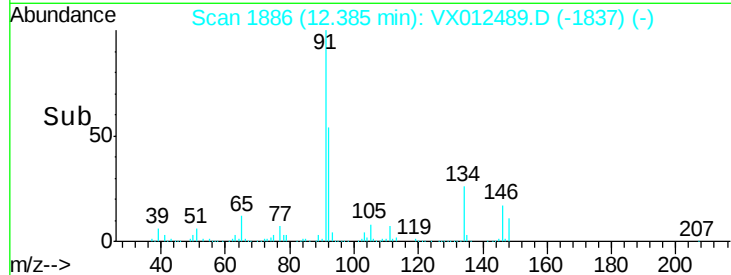
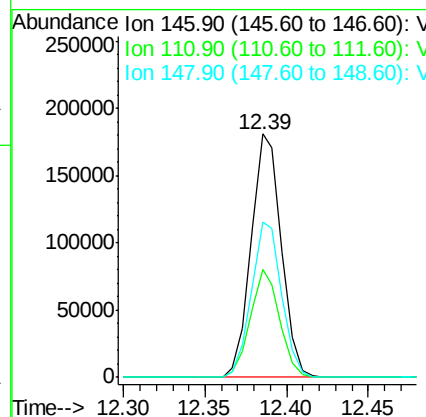
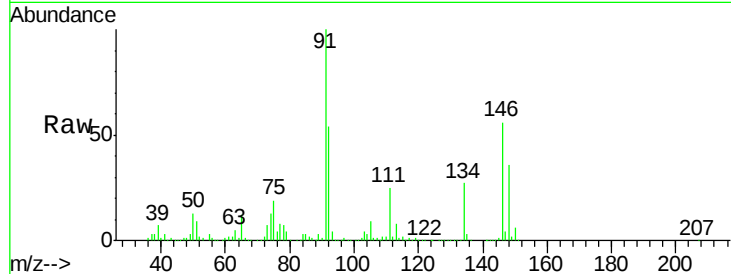
#91
 1,2-Dichlorobenzene
 Concen: 52.057 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	233175		
111	43.0	22.1	66.1	
148	64.3	31.3	93.9	

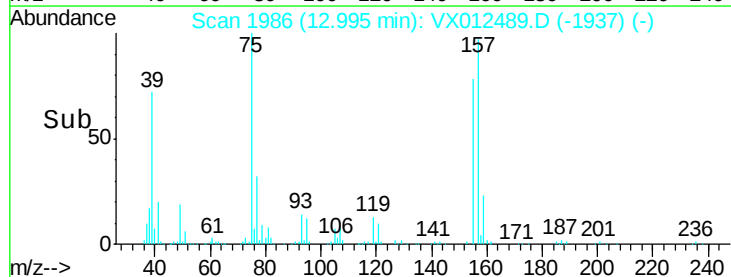
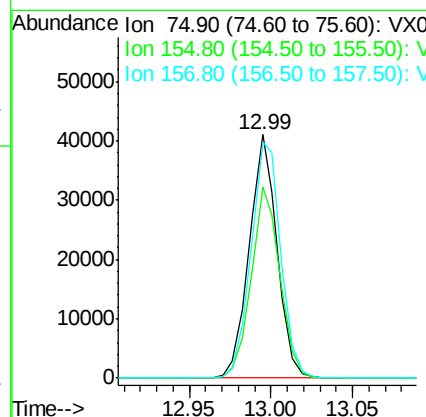
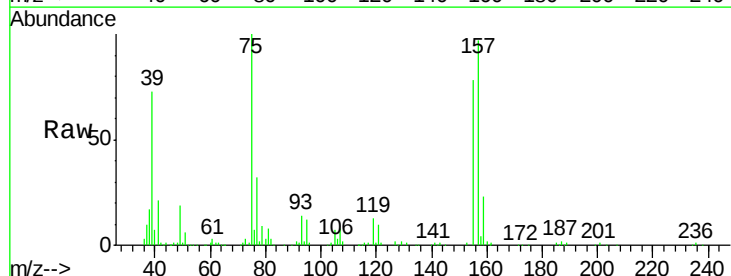
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.192 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48634		
155	81.0	38.6	115.8	
157	104.4	50.6	151.9	





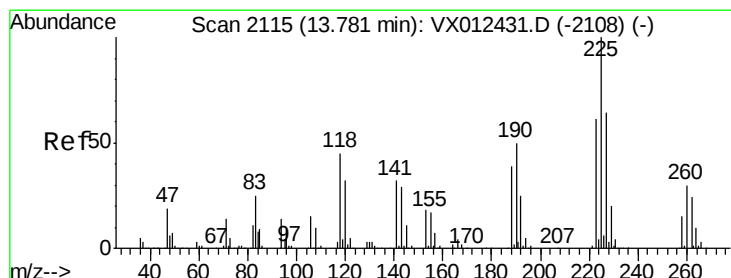
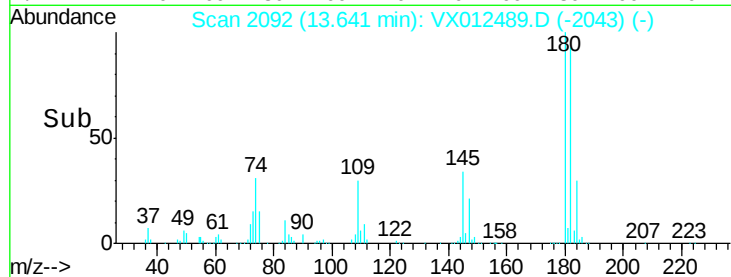
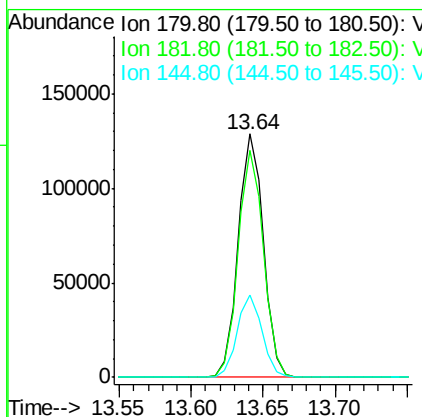
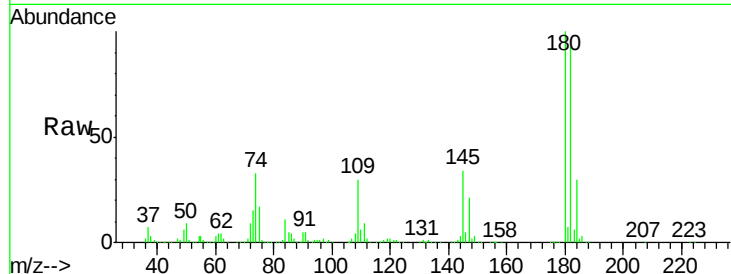
#93
 1,2,4-Trichlorobenzene
 Concen: 54.351 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	156811		
182	93.7	47.0	141.0	
145	33.6	16.8	50.4	

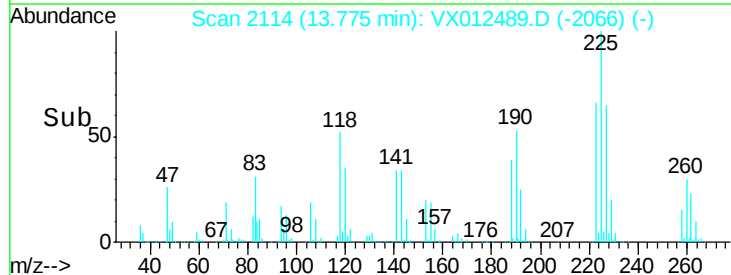
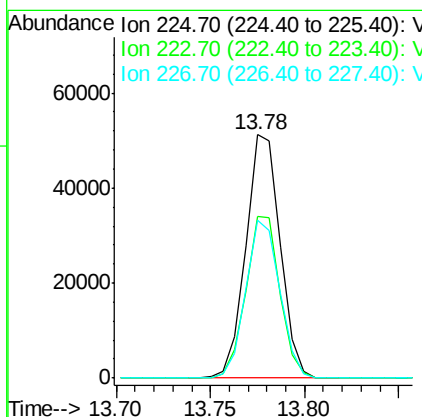
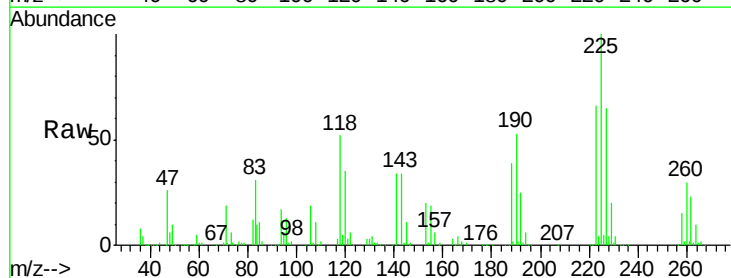
Manual Integrations
 APPROVED

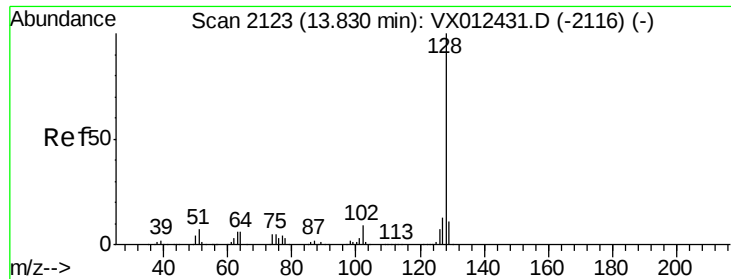
MMDadoda
 9/19/2019 1:06:05 PM



#94
 Hexachlorobutadiene
 Concen: 47.542 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012489.D
 Acq: 18 Sep 2019 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64648		
223	66.1	32.0	96.2	
227	64.4	31.9	95.5	





#95

Naphthalene

Concen: 56.433 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Instrument :

MSVOA_X

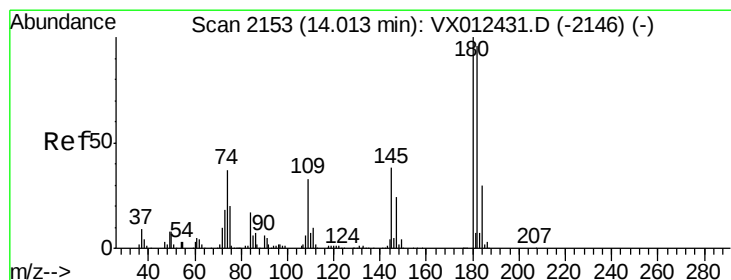
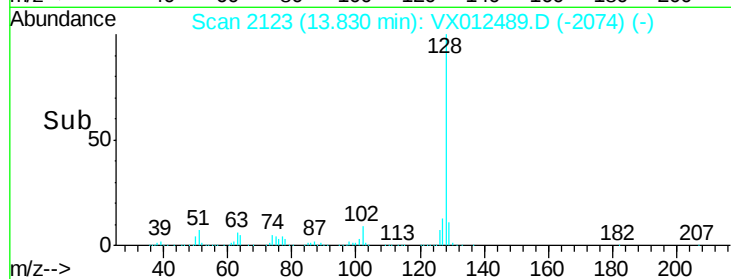
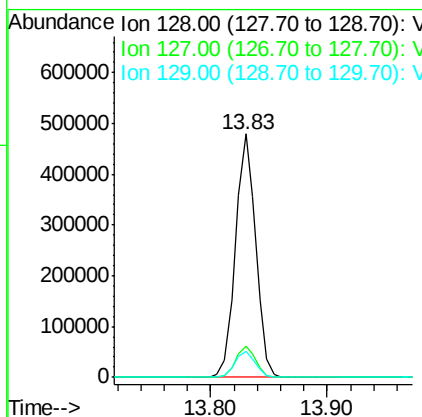
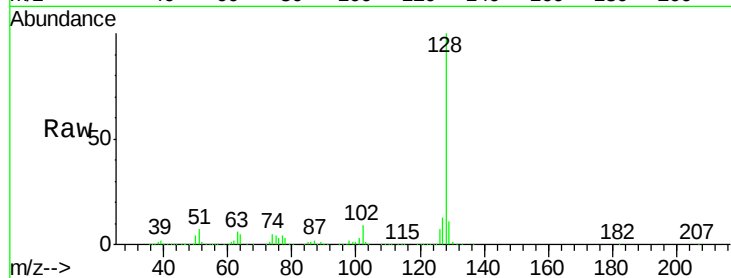
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	579339
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:06:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 55.440 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012489.D

Acq: 18 Sep 2019 21:14

Tgt Ion:	180	Resp:	162995
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.1	141.3
145	34.0	18.0	54.0

