

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092319\
 Data File : VX012600.D
 Acq On : 23 Sep 2019 12:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX092319

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:06:10 AM

Quant Time: Sep 24 01:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	205155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	353147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	149118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	142726	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	5.48	113	106409	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	406267	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.13	95	163361	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110075	47.694	ug/l	98
3) Chloromethane	1.31	50	123003	46.413	ug/l	97
4) Vinyl Chloride	1.40	62	125811	47.761	ug/l	96
5) Bromomethane	1.62	94	54157	52.291	ug/l	99
6) Chloroethane	1.71	64	80116	45.115	ug/l	96
7) Trichlorofluoromethane	1.92	101	179732	48.597	ug/l	99
8) Diethyl Ether	2.17	74	72820	48.046	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	111719	49.595	ug/l	96
10) Methyl Iodide	2.50	142	97595	42.004	ug/l	96
11) Tert butyl alcohol	3.03	59	165138	221.280	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106507	48.286	ug/l	99
13) Acrolein	2.28	56	85068	206.482	ug/l	99
14) Allyl chloride	2.72	41	215254	49.186	ug/l	98
15) Acrylonitrile	3.13	53	349796	231.032	ug/l	98
16) Acetone	2.43	43	381117	240.848	ug/l	98
17) Carbon Disulfide	2.56	76	311108	50.310	ug/l	100
18) Methyl Acetate	2.76	43	166345	44.644	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	403846	48.370	ug/l	98
20) Methylene Chloride	2.84	84	124415	46.486	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	119799	49.024	ug/l	97
22) Diisopropyl ether	3.84	45	405616	47.967	ug/l	96
23) Vinyl Acetate	3.80	43	1818438	245.217	ug/l	97
24) 1,1-Dichloroethane	3.68	63	222981	48.511	ug/l	98
25) 2-Butanone	4.65	43	524734	231.270	ug/l	95
26) 2,2-Dichloropropane	4.57	77	204148	49.937	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	136704	48.212	ug/l	96
28) Bromochloromethane	5.00	49	86456	51.801	ug/l	98
29) Tetrahydrofuran	5.11	42	318808	230.533	ug/l	98
30) Chloroform	5.20	83	225090	47.864	ug/l	97
31) Cyclohexane	5.56	56	209139	50.294	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	200927	48.209	ug/l	100
36) 1,1-Dichloropropene	5.79	75	170094	49.970	ug/l	98
37) Ethyl Acetate	4.81	43	193835	48.708	ug/l	99
38) Carbon Tetrachloride	5.77	117	175042	50.622	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	212895	51.952	ug/l	99
40) Benzene	6.13	78	496040	49.528	ug/l	98
41) Methacrylonitrile	5.02	41	107577	48.180	ug/l	95
42) 1,2-Dichloroethane	6.18	62	188135	49.467	ug/l	99
43) Isopropyl Acetate	6.43	43	321928	48.373	ug/l	98
44) Trichloroethene	7.20	130	127261	49.704	ug/l	93
45) 1,2-Dichloropropane	7.50	63	127868	49.867	ug/l	98
46) Dibromomethane	7.65	93	86326	49.447	ug/l	95
47) Bromodichloromethane	7.89	83	177051	50.742	ug/l	100
48) Methyl methacrylate	7.76	41	154426	48.393	ug/l	94
49) 1,4-Dioxane	7.73	88	68727	949.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	972991	236.848	ug/l	97
52) Toluene	8.78	92	317072	50.371	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	204078	52.862	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	216635	51.395	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	124641	49.804	ug/l	98
56) Ethyl methacrylate	9.17	69	209685	49.873	ug/l	94
57) 1,3-Dichloropropane	9.37	76	214487	48.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	415284	220.048	ug/l	98
59) 2-Hexanone	9.48	43	756969	240.729	ug/l	95
60) Dibromochloromethane	9.57	129	131468	51.894	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131641	50.543	ug/l	99
64) Tetrachloroethene	9.33	164	106717	48.359	ug/l	97
65) Chlorobenzene	10.14	112	327971	49.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	120480	49.890	ug/l	98
67) Ethyl Benzene	10.25	91	610759	50.523	ug/l	99
68) m/p-Xylenes	10.36	106	461611	101.936	ug/l	100
69) o-Xylene	10.70	106	220282	50.272	ug/l	98
70) Styrene	10.71	104	380187	51.756	ug/l	99
71) Bromoform	10.85	173	87933	52.294	ug/l #	97
73) Isopropylbenzene	11.01	105	598129	49.248	ug/l	100
74) N-amyl acetate	10.89	43	284221	49.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	192385	47.830	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	184710m	46.827	ug/l	
77) Bromobenzene	11.25	156	130746	47.565	ug/l	95
78) n-propylbenzene	11.35	91	696896	50.968	ug/l	99
79) 2-Chlorotoluene	11.42	91	409223	47.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	504834	49.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68296	49.618	ug/l	96
82) 4-Chlorotoluene	11.51	91	478096	49.169	ug/l	98
83) tert-Butylbenzene	11.76	119	489059	49.779	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	517614	50.380	ug/l	98
85) sec-Butylbenzene	11.94	105	581704	50.906	ug/l	100
86) p-Isopropyltoluene	12.06	119	540101	52.382	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	249574	50.452	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	251784	50.370	ug/l	99
89) n-Butylbenzene	12.39	91	482687	53.126	ug/l	98
90) Hexachloroethane	12.59	117	94671	51.501	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	243554	49.179	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49348	49.045	ug/l	97

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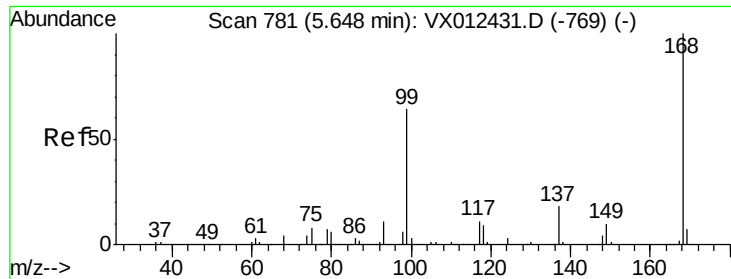
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	160174	53.033	ug/l	99
94) Hexachlorobutadiene	13.78	225	69690	53.636	ug/l	96
95) Naphthalene	13.83	128	577011	52.804	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159326	52.662	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion:168 Resp: 205155

Ion Ratio Lower Upper

168 100

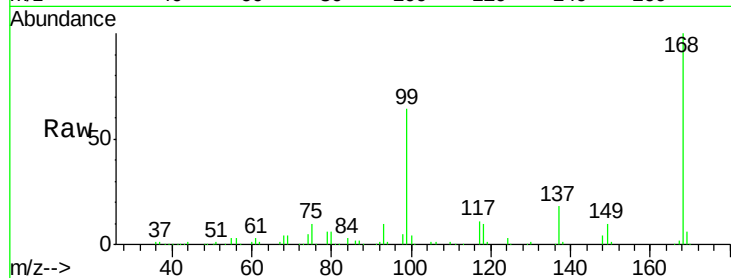
99 64.2 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

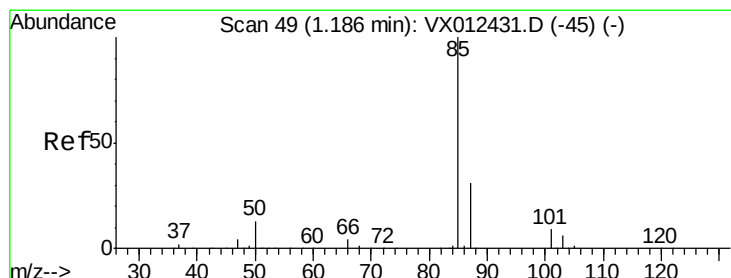
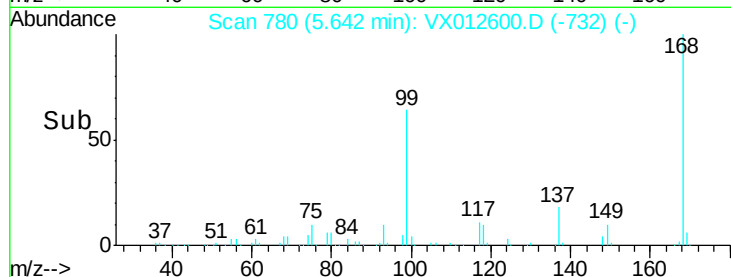
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.694 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012600.D

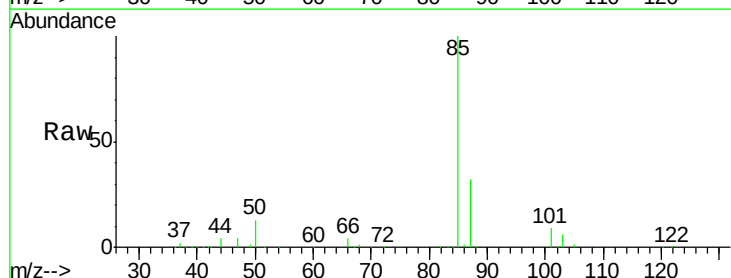
Acq: 23 Sep 2019 12:55

Tgt Ion: 85 Resp: 110075

Ion Ratio Lower Upper

85 100

87 32.3 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

120000

100000

80000

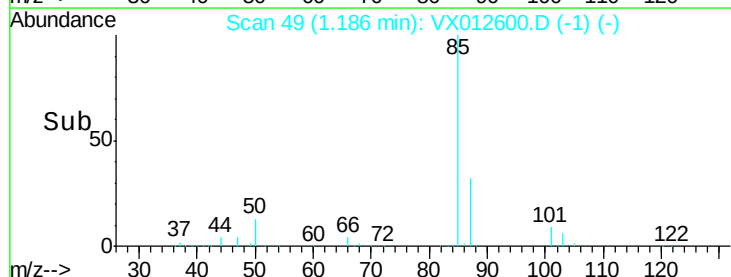
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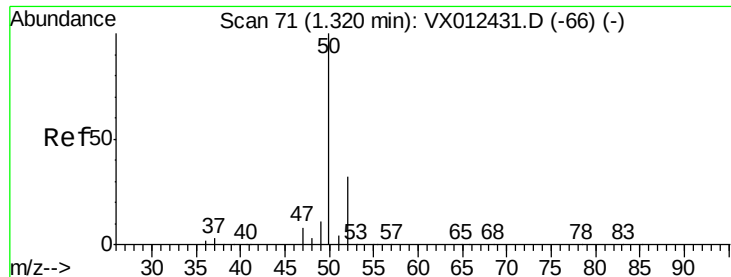
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.413 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 50 Resp: 123003

Ion Ratio Lower Upper

50 100

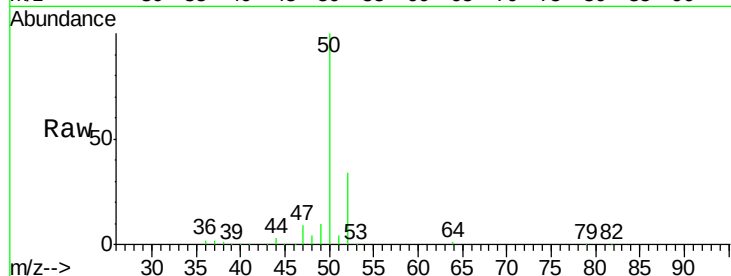
52 33.9 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

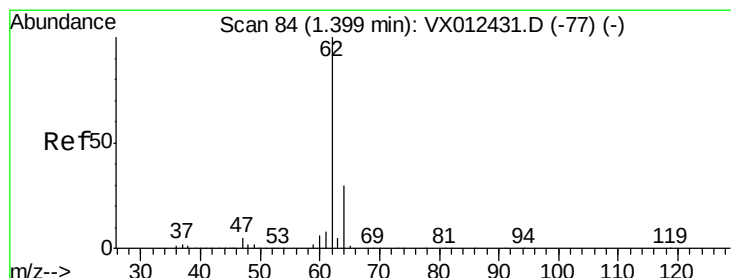
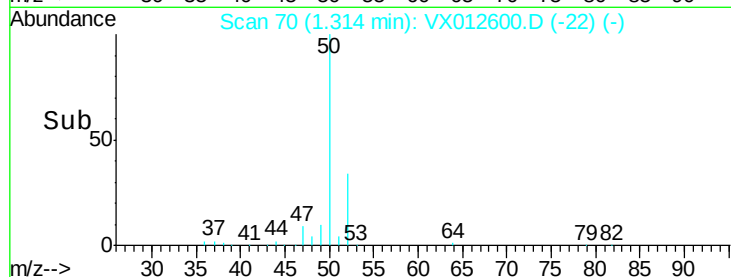
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.761 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012600.D

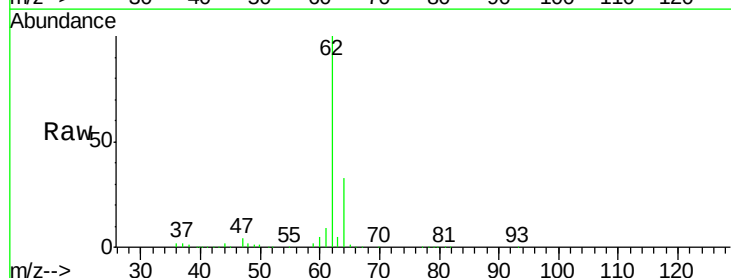
Acq: 23 Sep 2019 12:55

Tgt Ion: 62 Resp: 125811

Ion Ratio Lower Upper

62 100

64 32.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

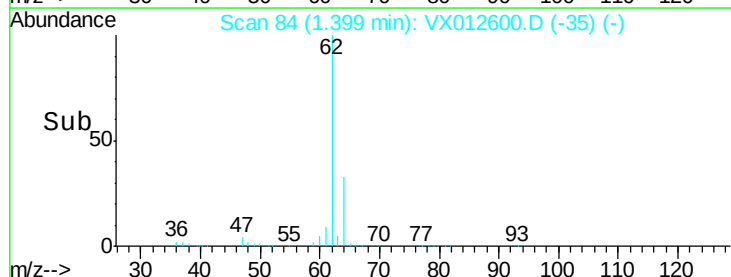
1.40

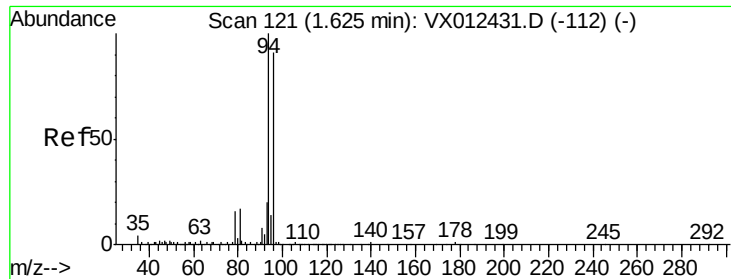
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 52.291 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 94 Resp: 54157

Ion Ratio Lower Upper

94 100

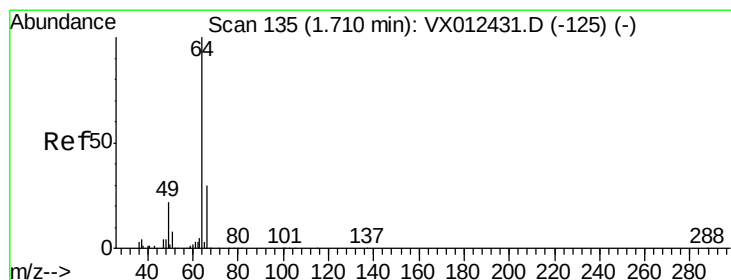
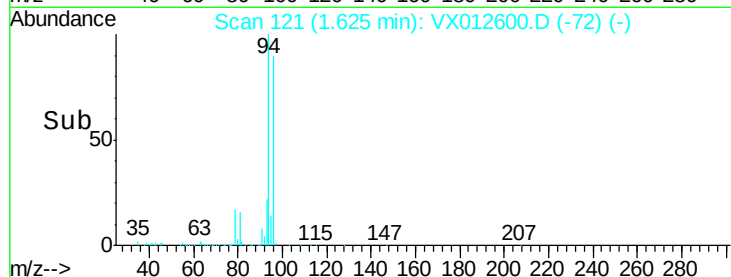
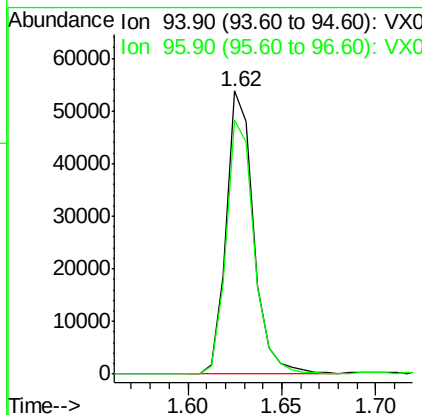
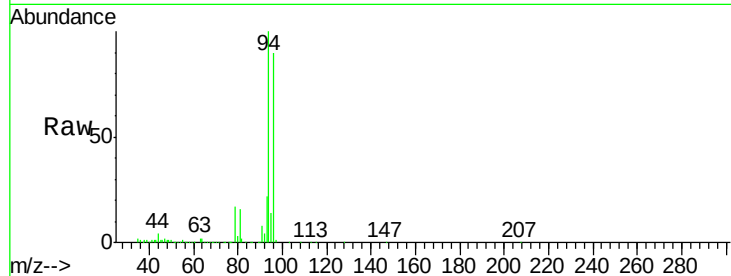
96 90.0 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 45.115 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012600.D

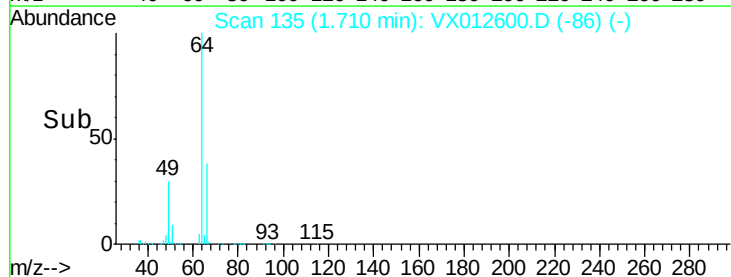
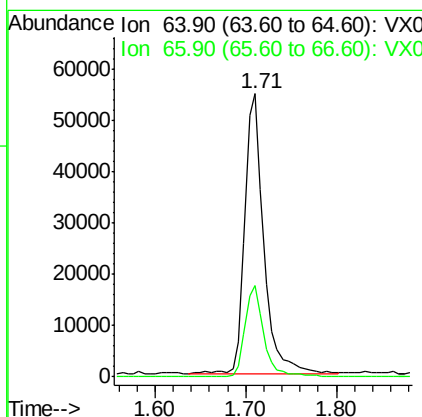
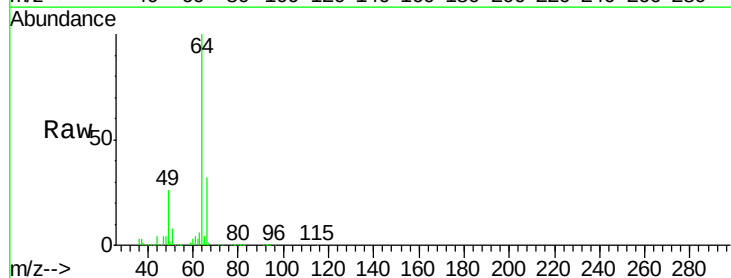
Acq: 23 Sep 2019 12:55

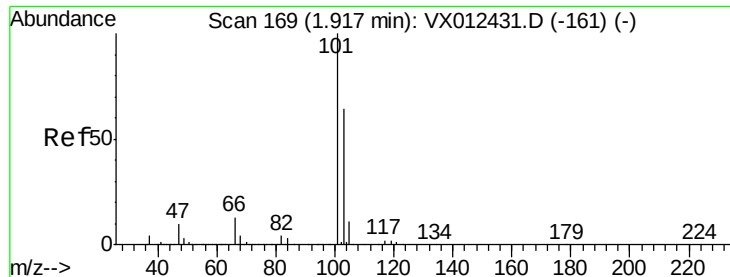
Tgt Ion: 64 Resp: 80116

Ion Ratio Lower Upper

64 100

66 32.3 24.0 36.0





#7

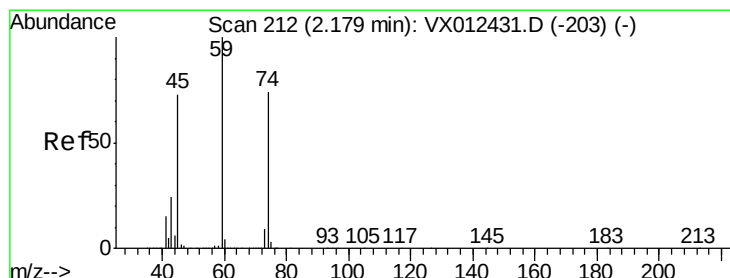
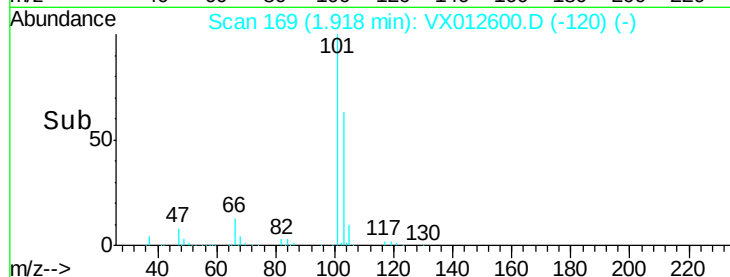
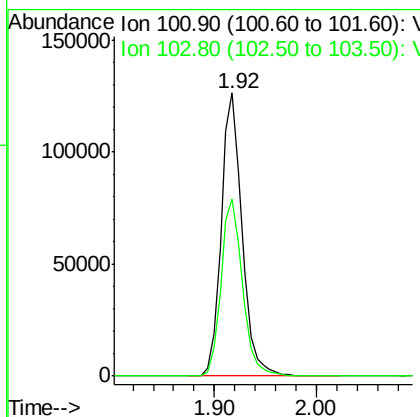
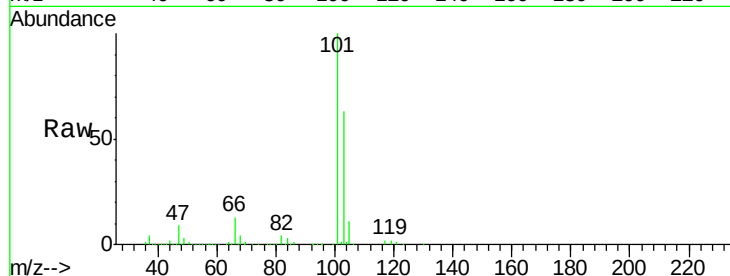
Trichlorofluoromethane
 Concen: 48.597 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
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 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
101	100	179732		
103	62.8	51.0	76.4	

Manual Integrations
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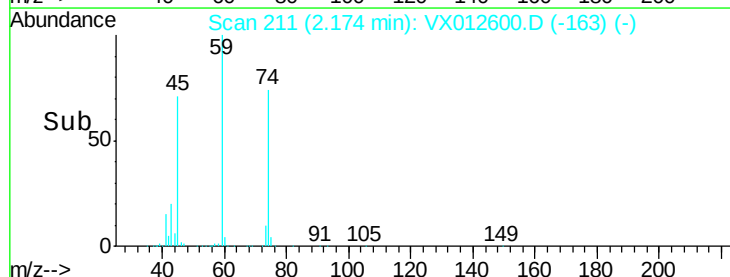
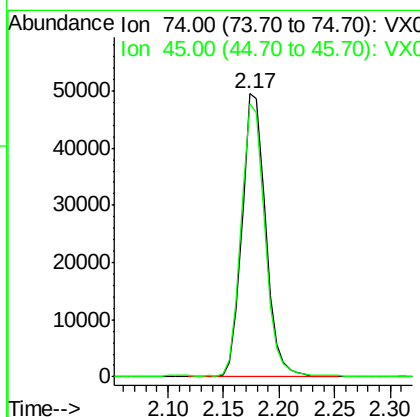
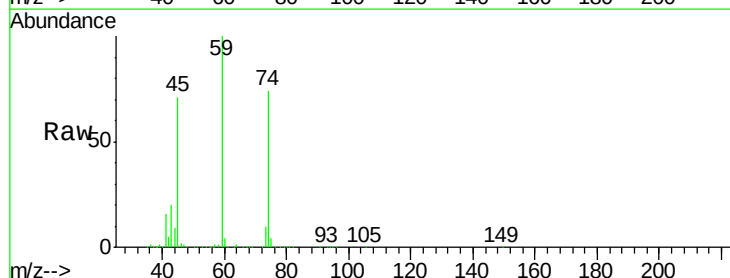
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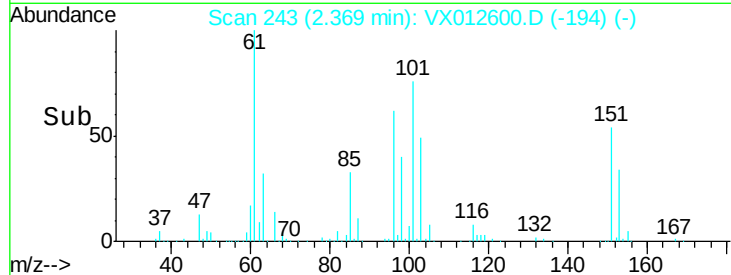
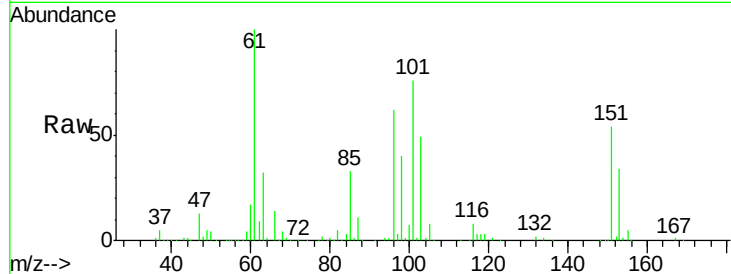
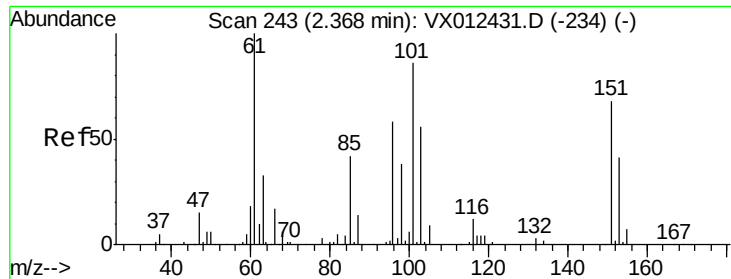


#8

Diethyl Ether
 Concen: 48.046 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72820		
45	96.9	49.9	149.7	





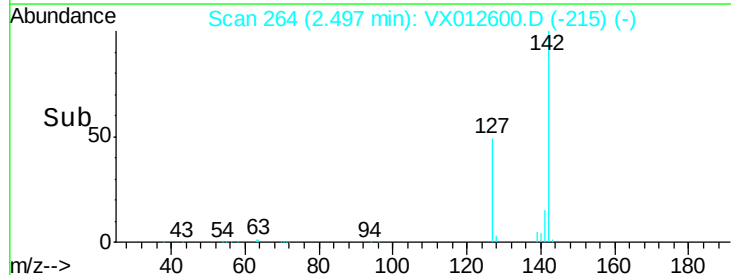
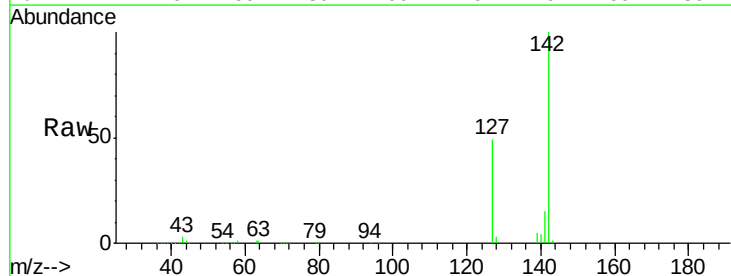
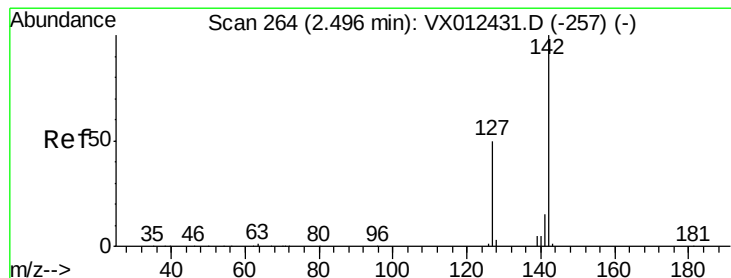
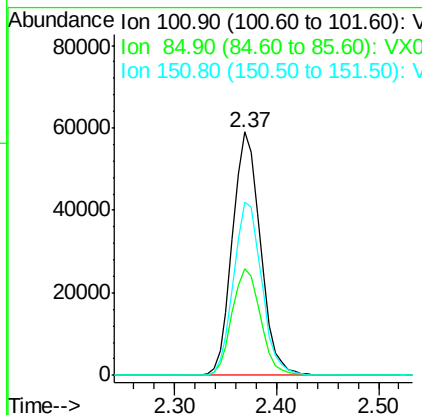
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.595 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
101	100	111719		
85	44.8	37.3	55.9	
151	71.6	61.0	91.4	

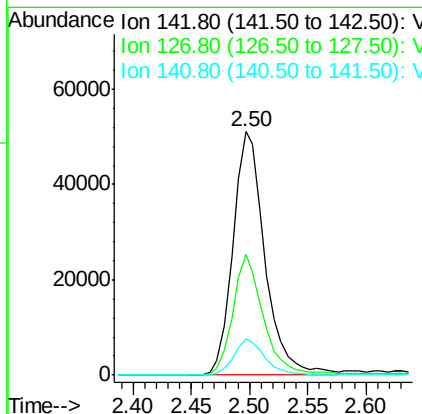
Manual Integrations
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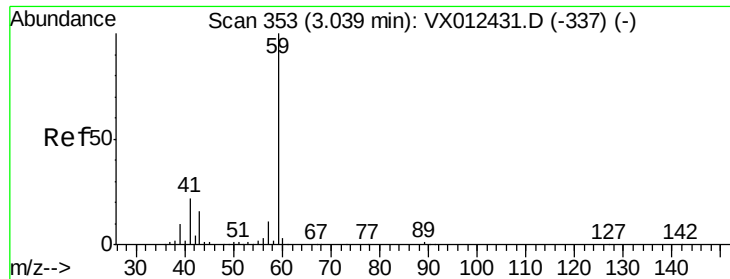
MMDadoda
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#10
Methyl Iodide
Concen: 42.004 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	97595		
127	47.9	40.8	61.2	
141	14.5	12.1	18.1	





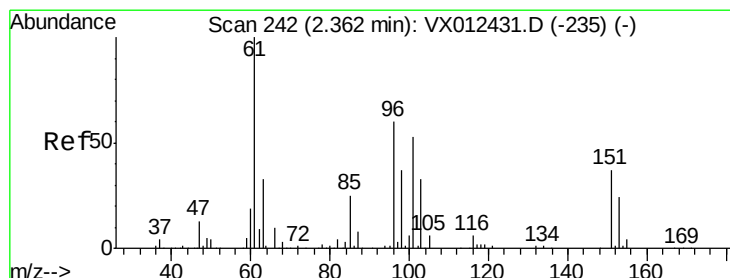
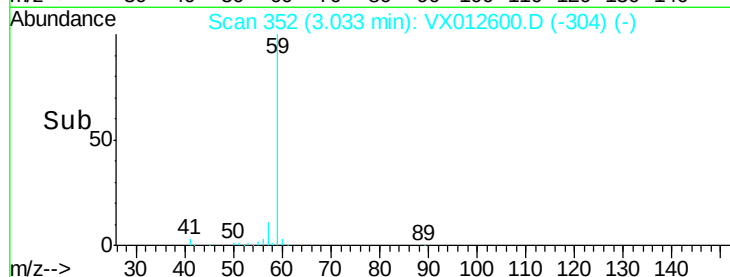
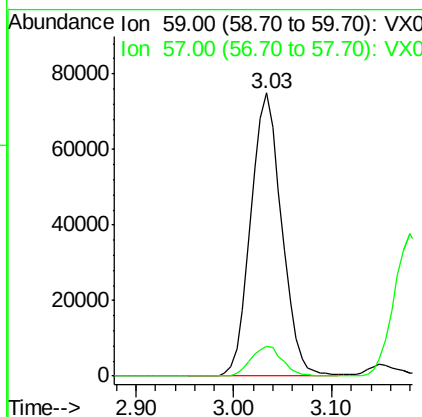
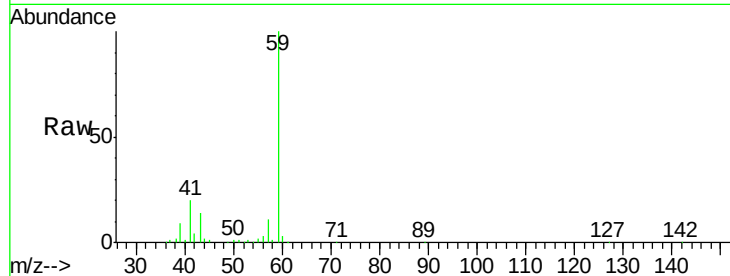
#11
Tert butyl alcohol
Concen: 221.280 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

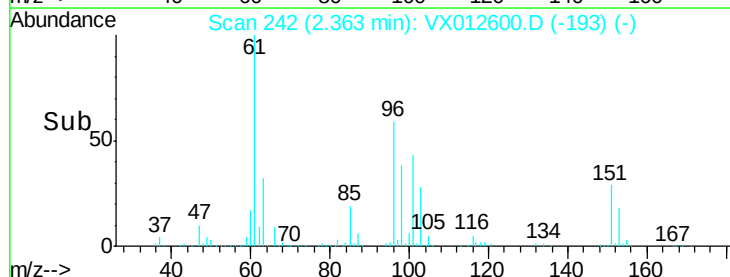
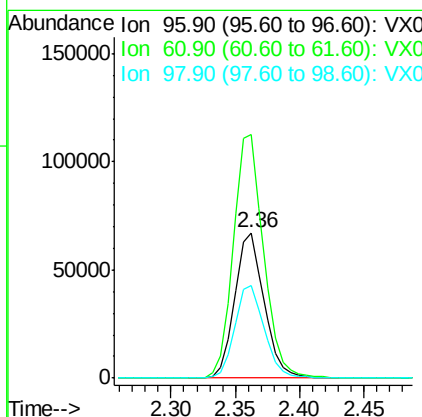
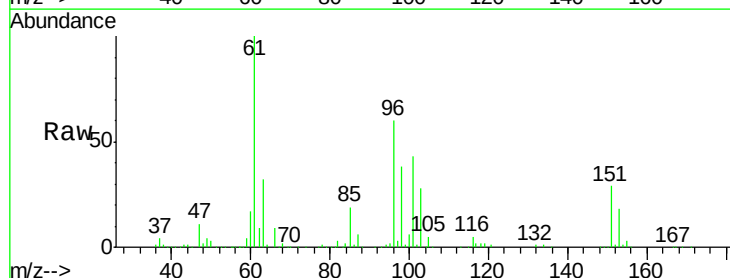
Manual Integrations
APPROVED

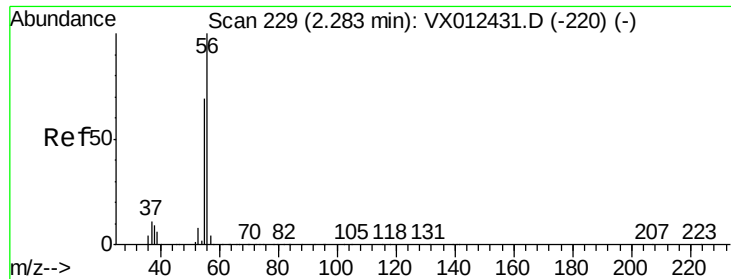
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.286 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.9	133.8	200.6
98	63.7	49.9	74.9





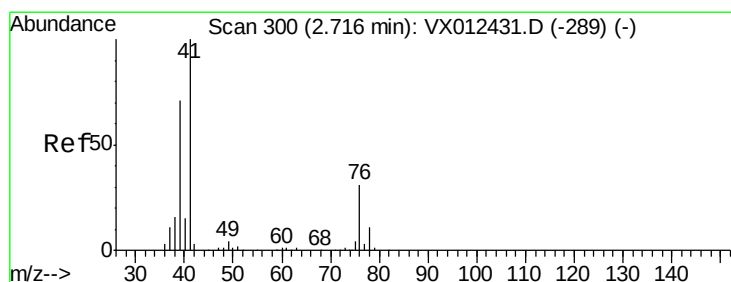
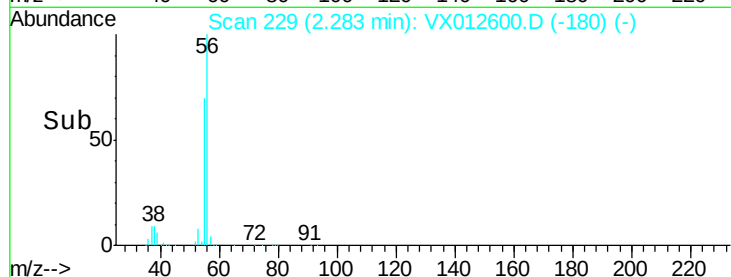
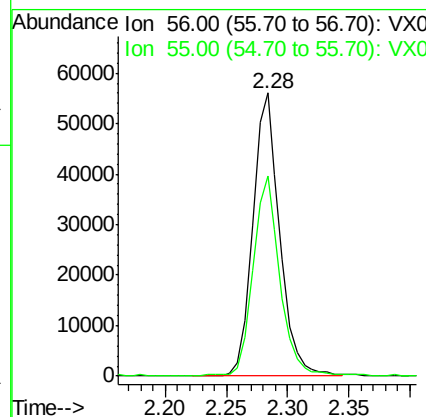
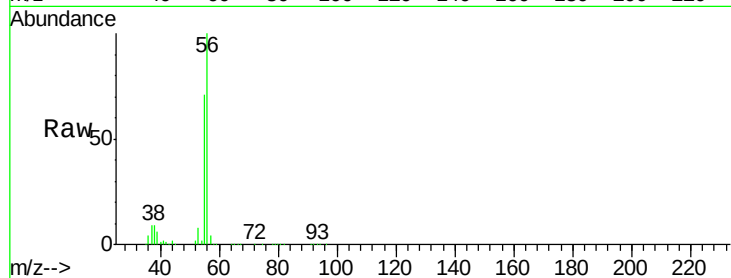
#13
Acrolein
Concen: 206.482 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	55.8	83.8

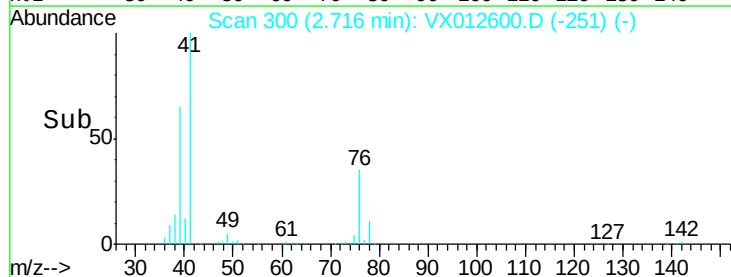
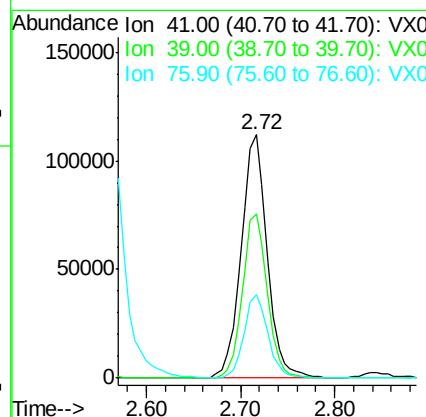
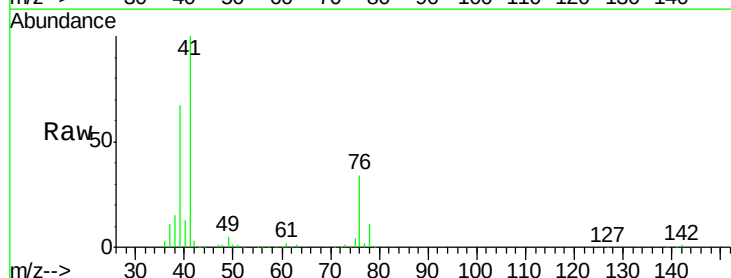
Manual Integrations
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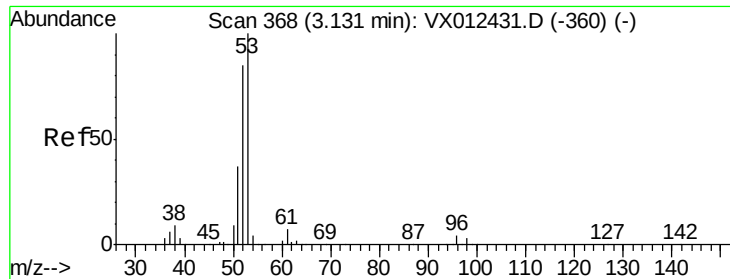
MMDadoda
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#14
Allyl chloride
Concen: 49.186 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.3	51.3	76.9
76	31.3	22.6	33.8





#15

Acrylonitrile

Concen: 231.032 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

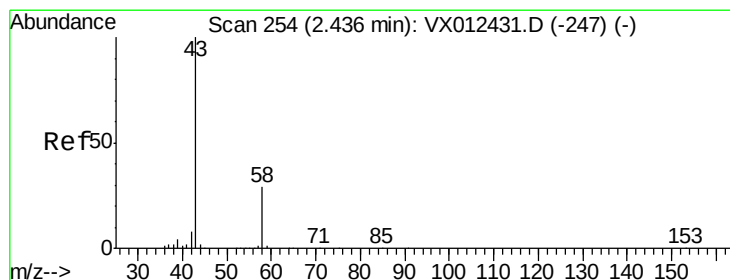
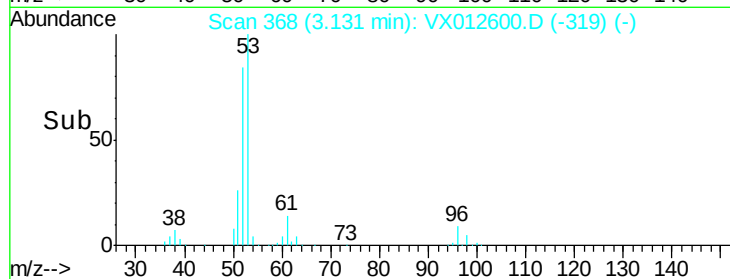
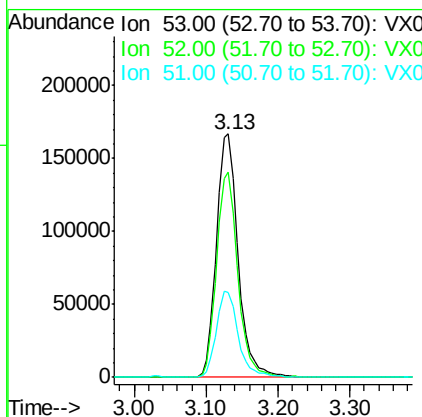
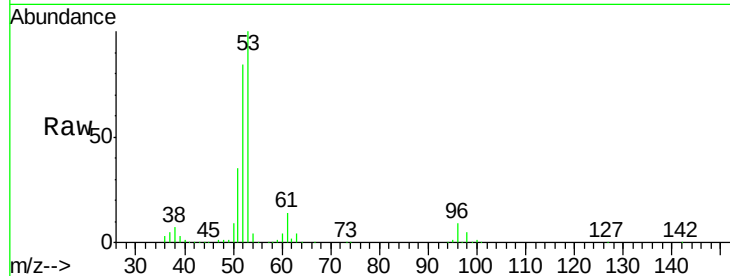
ClientSampleId :

ICVVX092319

Tot Ion:	53	Resp:	349796
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.0	100.4
51	35.9	29.6	44.4

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#16

Acetone

Concen: 240.848 ug/l

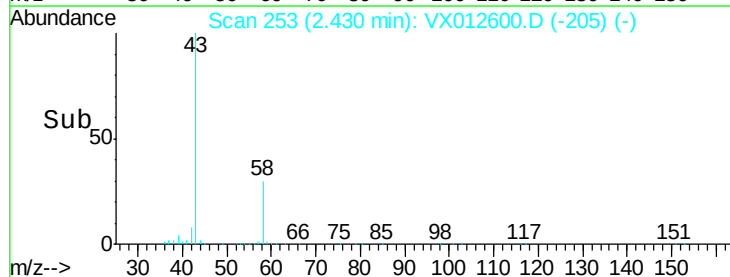
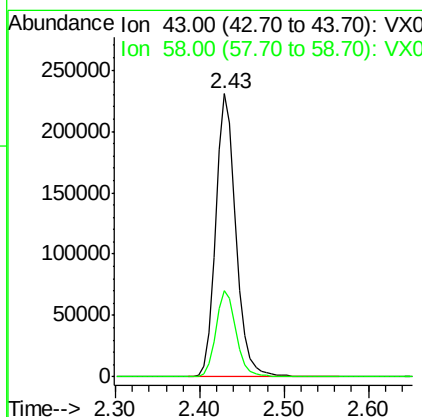
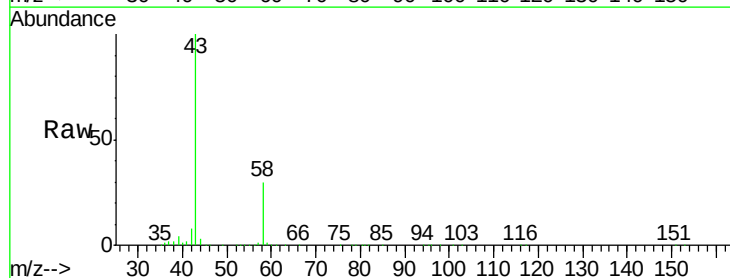
RT: 2.43 min Scan# 253

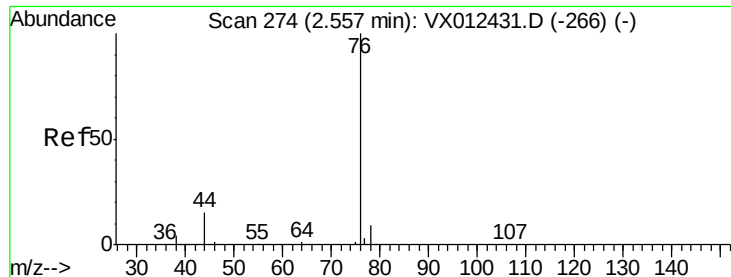
Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion:	43	Resp:	381117
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.3	34.9





#17

Carbon Disulfide

Concen: 50.310 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 76 Resp: 311108

Ion Ratio Lower Upper

76 100

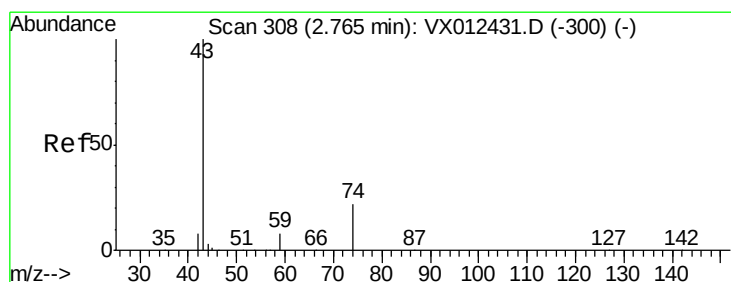
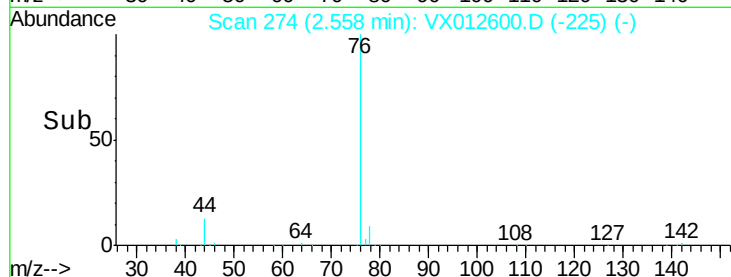
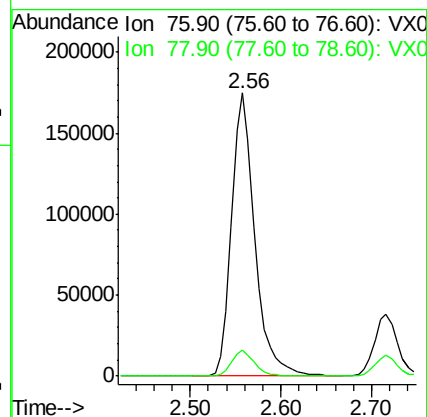
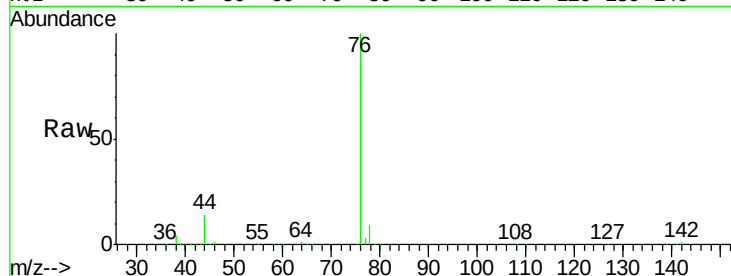
78 9.0 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 44.644 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012600.D

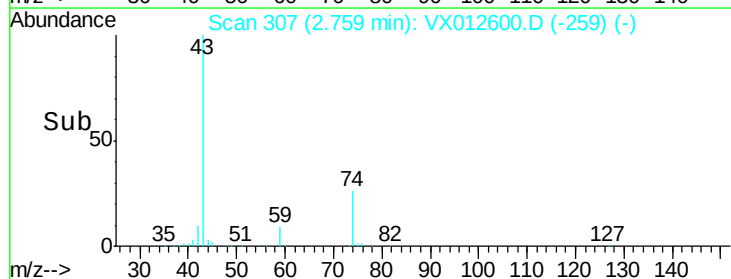
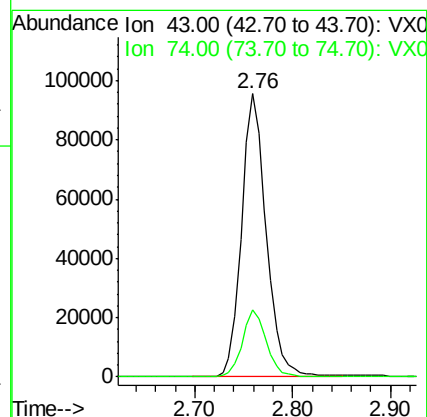
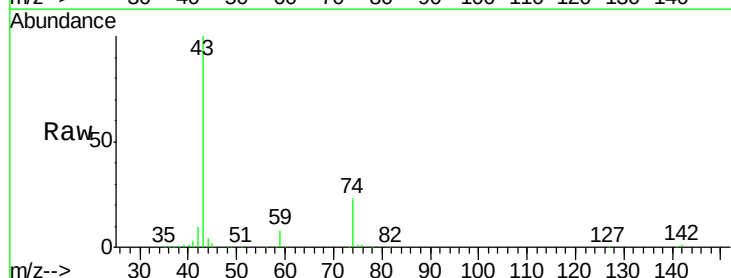
Acq: 23 Sep 2019 12:55

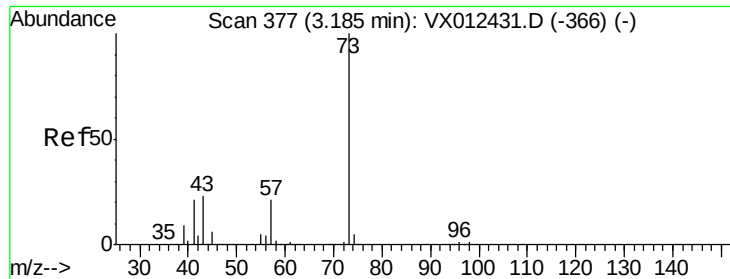
Tgt Ion: 43 Resp: 166345

Ion Ratio Lower Upper

43 100

74 23.5 17.7 26.5





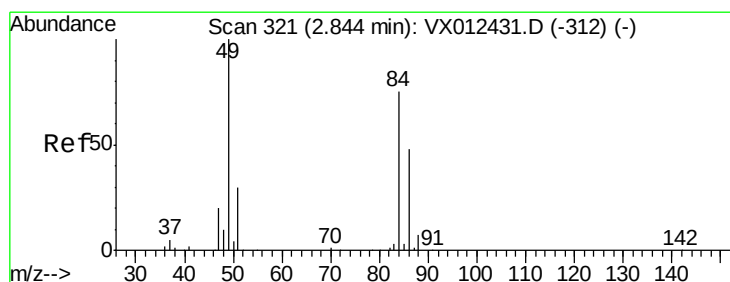
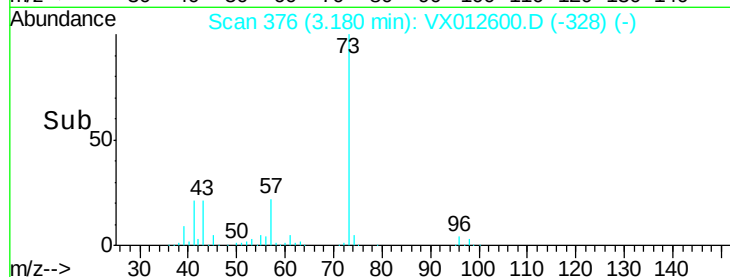
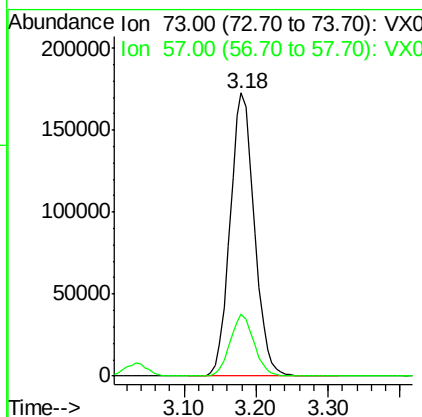
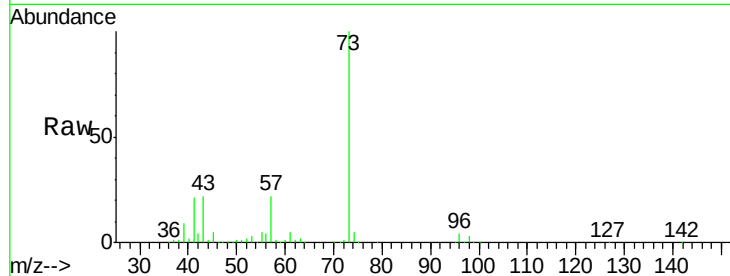
#19
Methyl tert-butyl Ether
Concen: 48.370 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion: 73 Resp: 403846
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

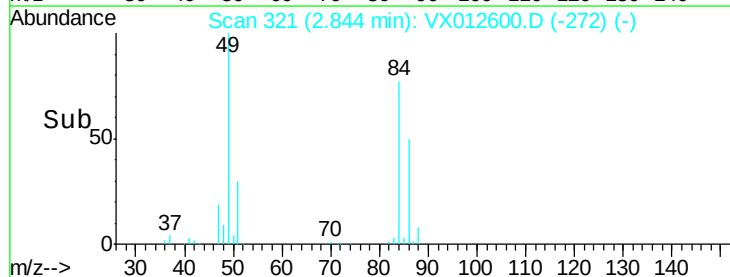
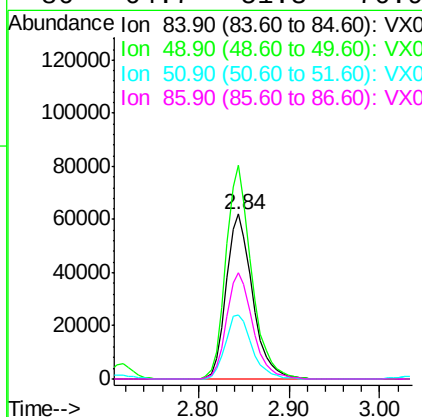
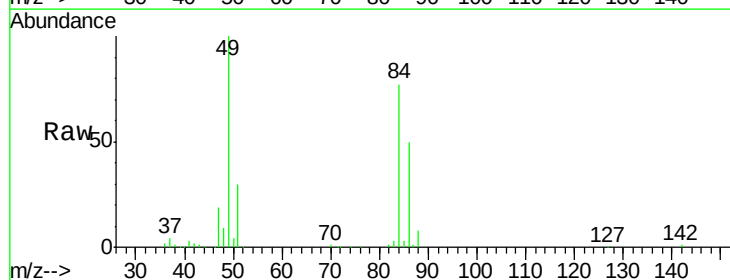
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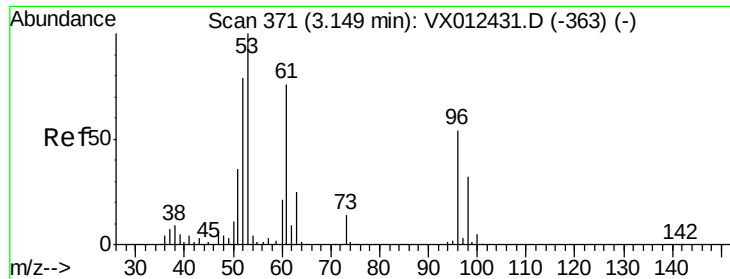
MMDadoda
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#20
Methylene Chloride
Concen: 46.486 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 84 Resp: 124415
Ion Ratio Lower Upper
84 100
49 129.6 106.8 160.2
51 38.6 32.3 48.5
86 64.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.024 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 96 Resp: 119799

Ion Ratio Lower Upper

96 100

61 145.0 112.0 168.0

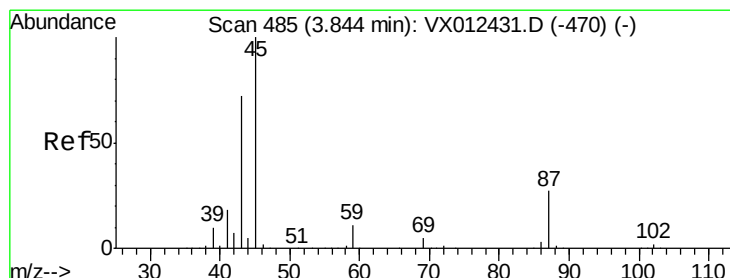
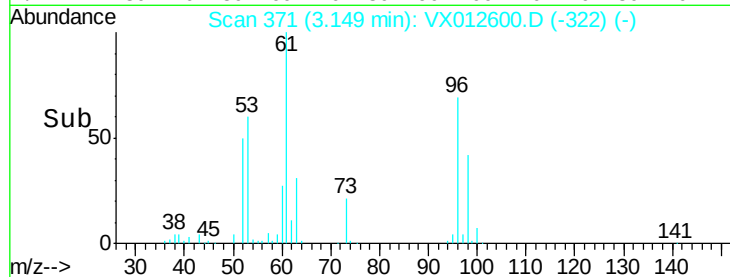
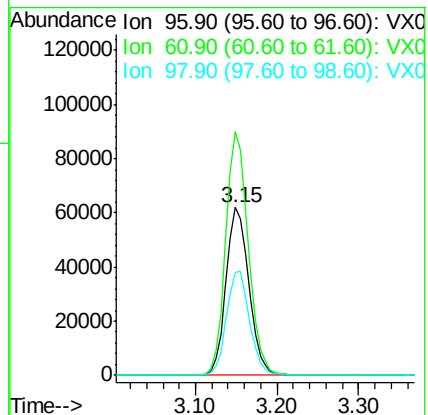
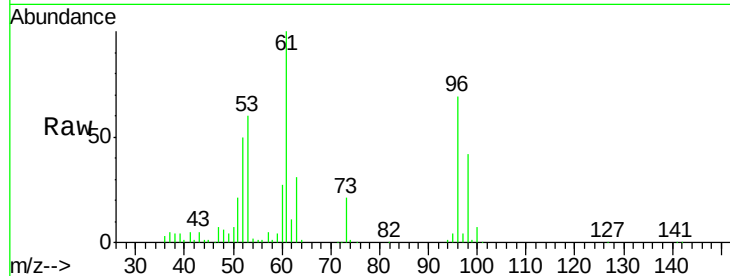
98 61.2 47.8 71.8

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#22

Diisopropyl ether

Concen: 47.967 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion: 45 Resp: 405616

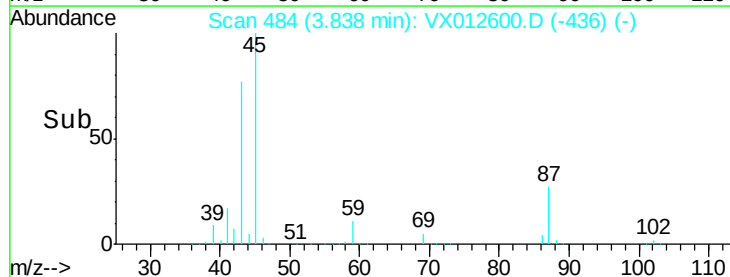
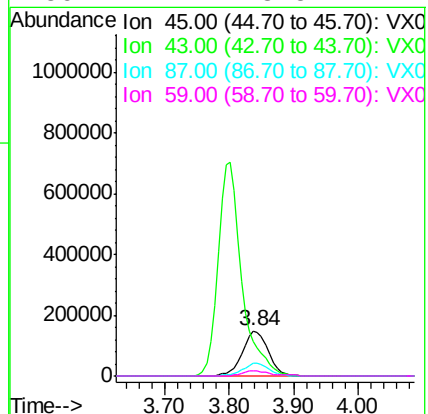
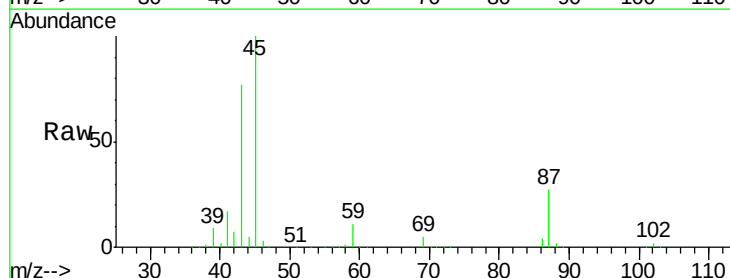
Ion Ratio Lower Upper

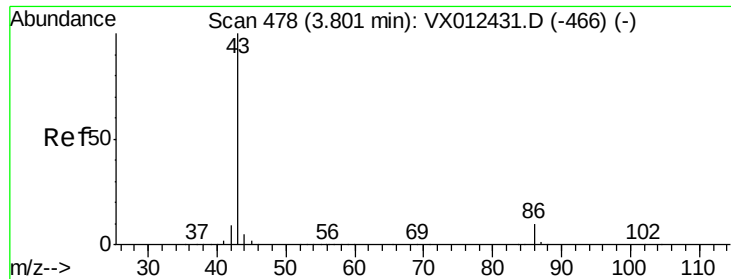
45 100

43 77.0 57.8 86.8

87 27.5 21.3 31.9

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 245.217 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 43 Resp: 1818438

Ion Ratio Lower Upper

43 100

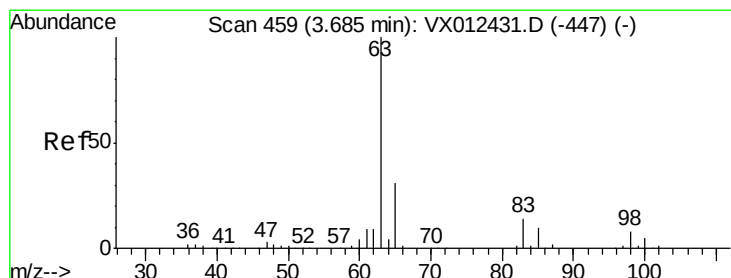
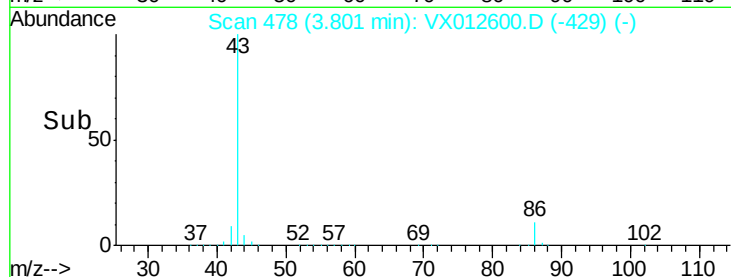
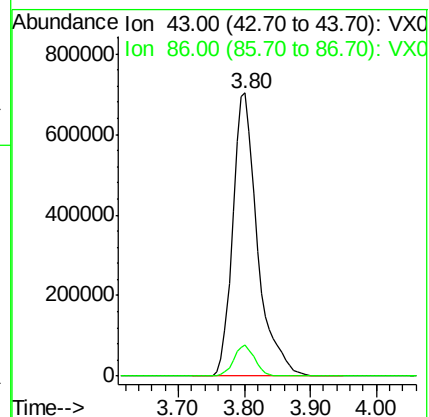
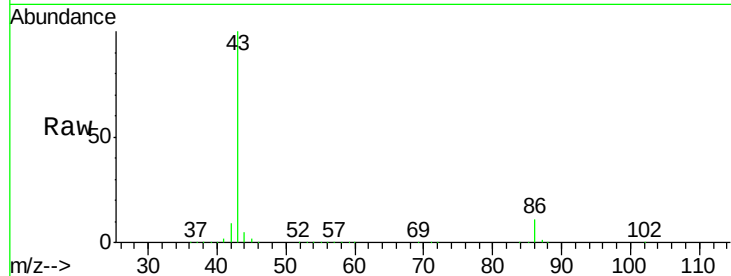
86 11.0 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 48.511 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

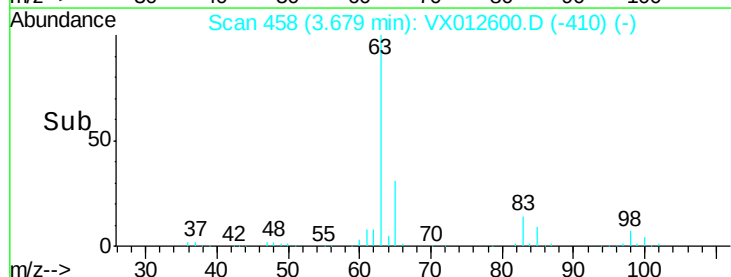
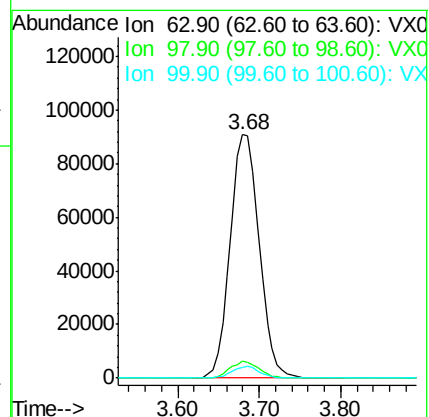
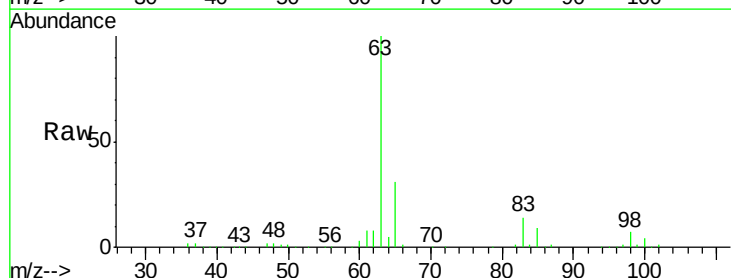
Tgt Ion: 63 Resp: 222981

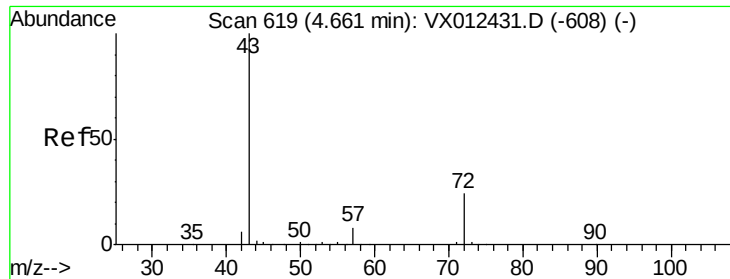
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 231.270 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 43 Resp: 524734

Ion Ratio Lower Upper

43 100

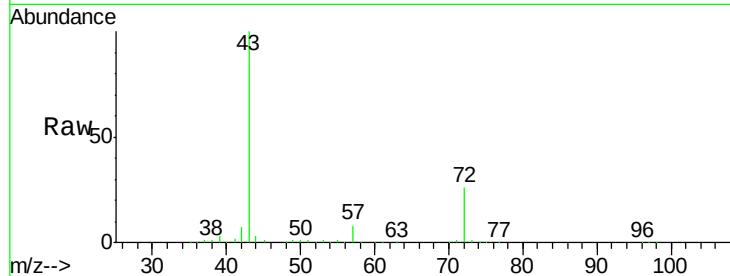
72 26.3 19.2 28.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

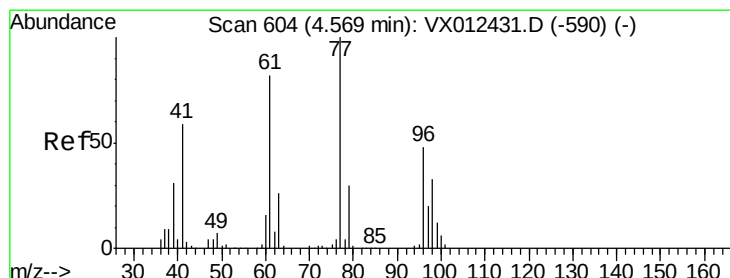
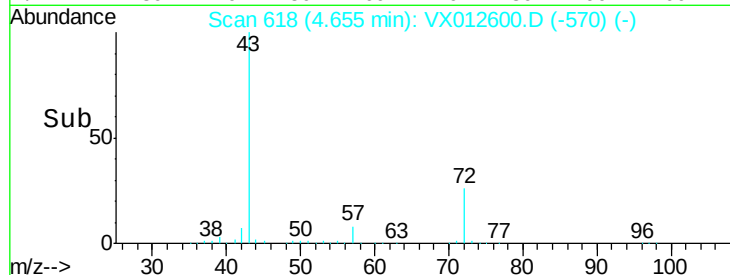
150000

100000

50000

0

Time--> 4.50 4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 49.937 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012600.D

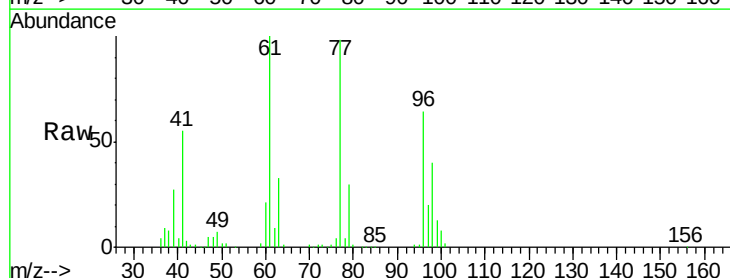
Acq: 23 Sep 2019 12:55

Tgt Ion: 77 Resp: 204148

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

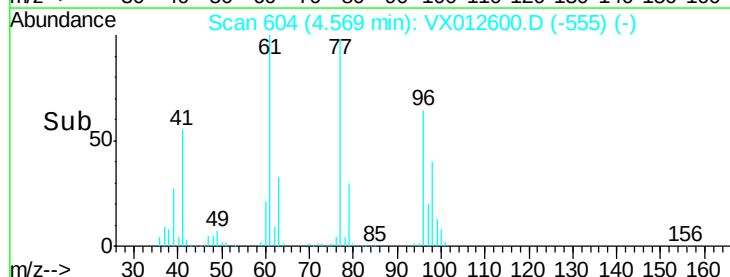
60000

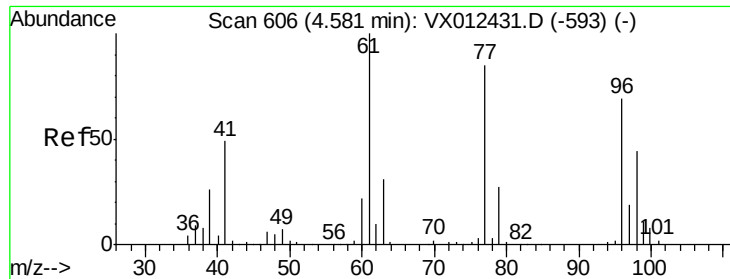
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#27

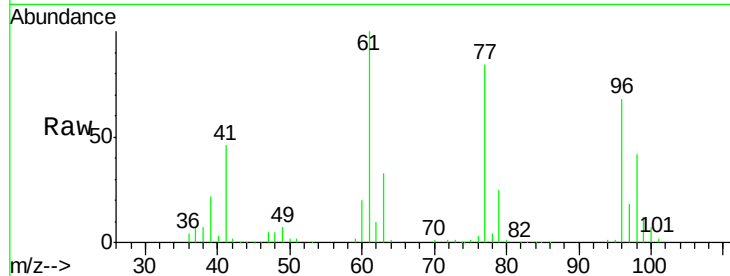
cis-1,2-Dichloroethene
Concen: 48.212 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
96	100	136704		
61	152.7	0.0	319.4	
98	64.3	0.0	130.6	

Manual Integrations
APPROVED

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9/24/2019 10:06:10 AM

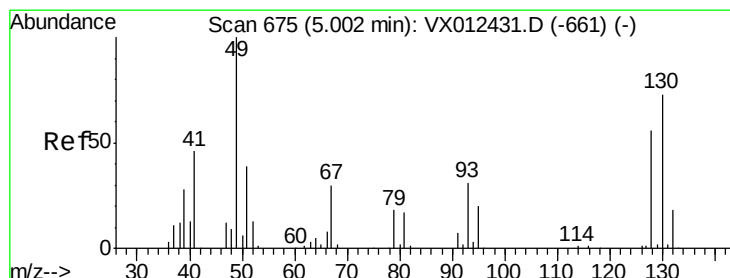
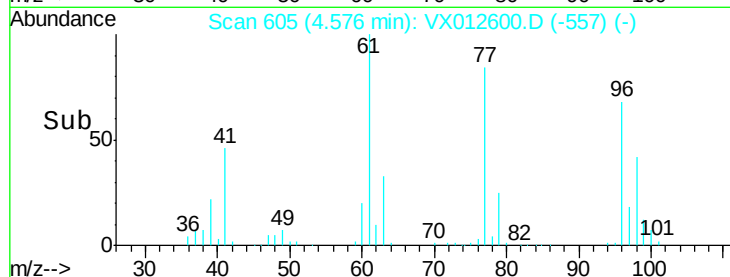
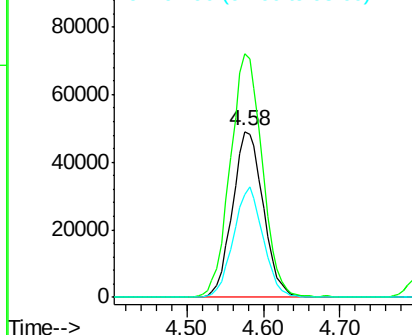


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

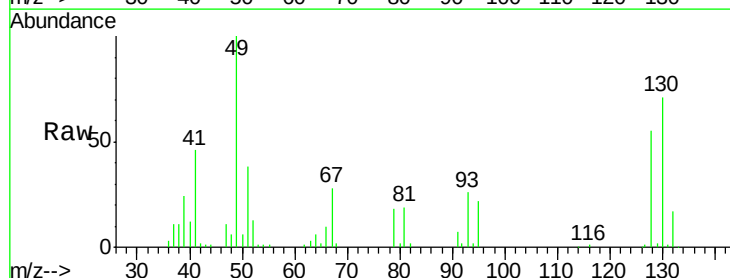
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.801 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86456		
129	1.8	0.0	3.8	
130	74.4	58.2	87.4	

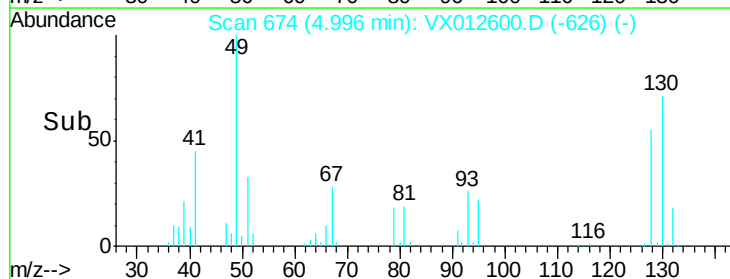
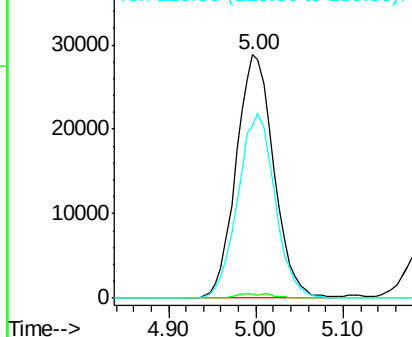


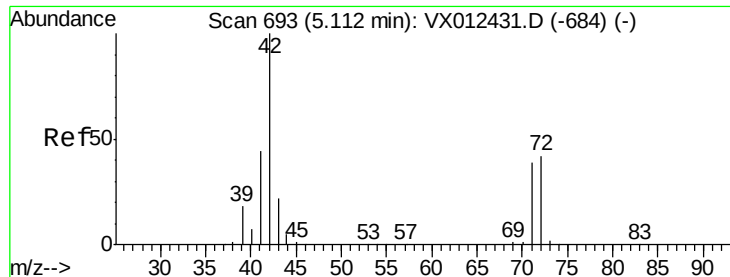
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 230.533 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

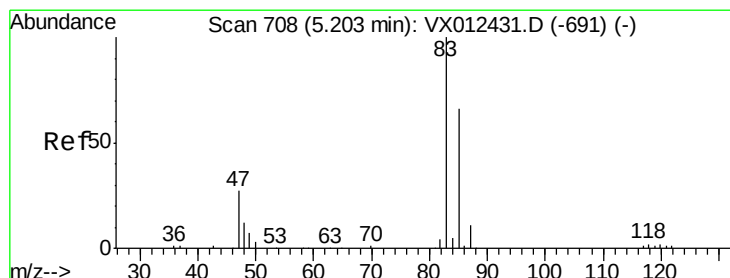
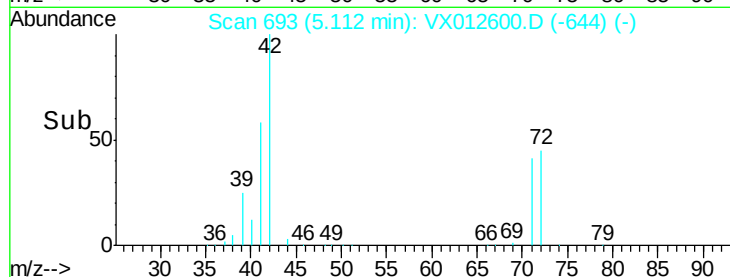
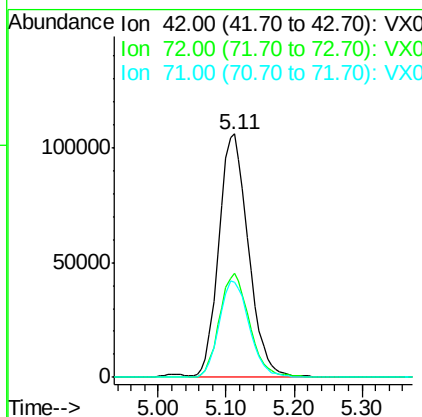
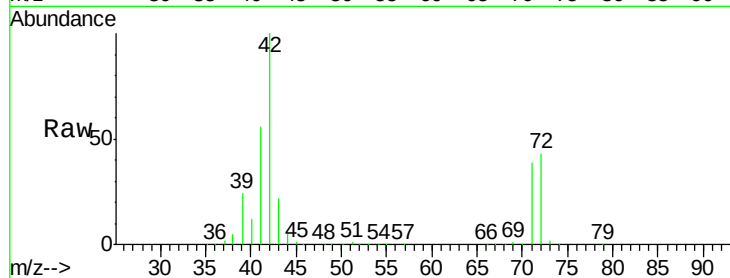
ClientSampleId :

ICVVX092319

Tot Ion:	42	Resp:	318808
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.0	51.0
71	40.4	31.5	47.3

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#30

Chloroform

Concen: 47.864 ug/l

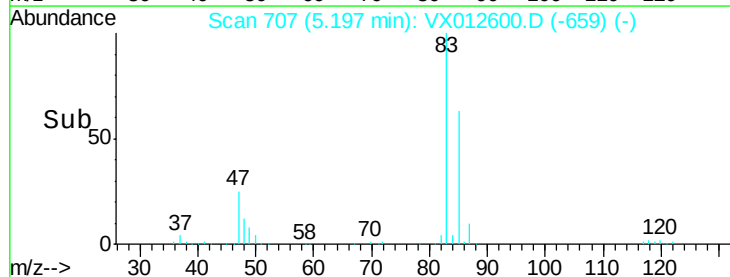
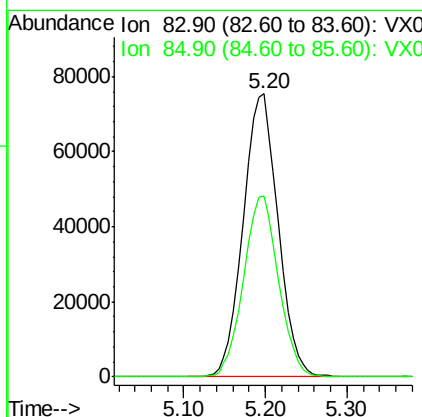
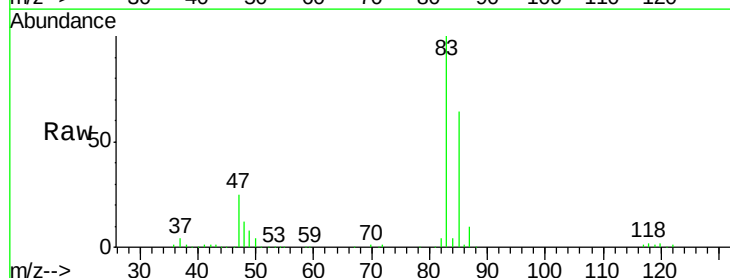
RT: 5.20 min Scan# 707

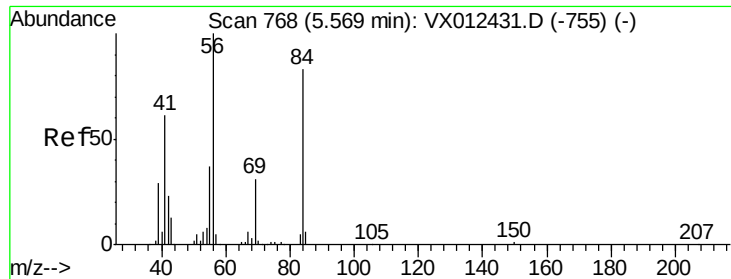
Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion:	83	Resp:	225090
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.0	79.4





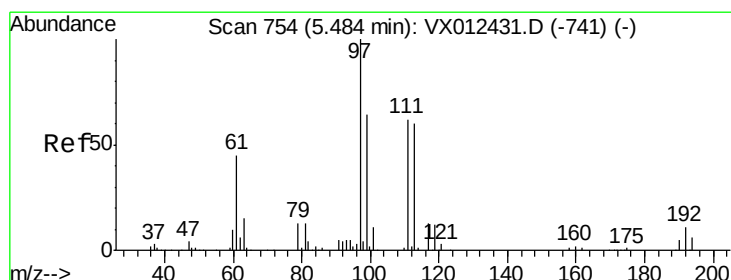
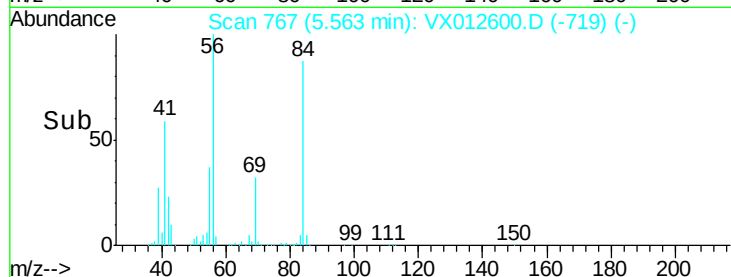
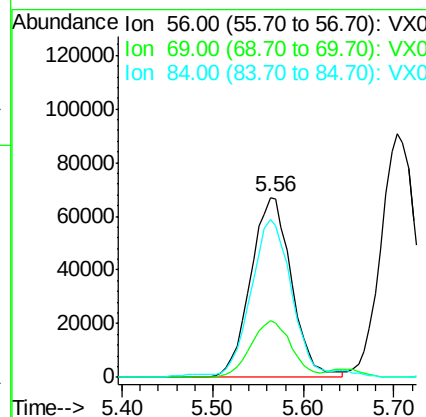
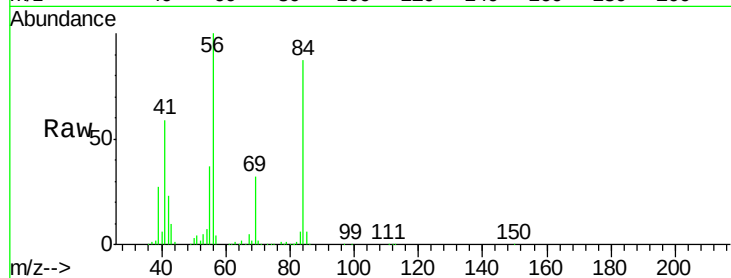
#31
Cyclohexane
Concen: 50.294 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.0	37.6
84	86.0	66.4	99.6

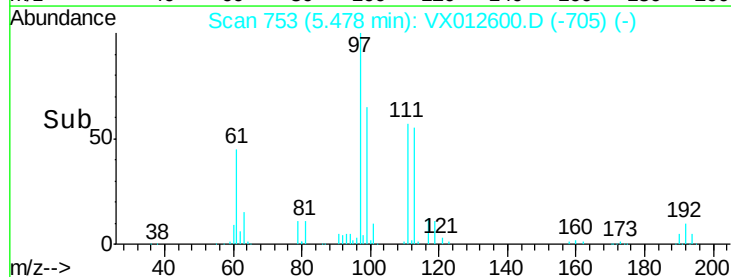
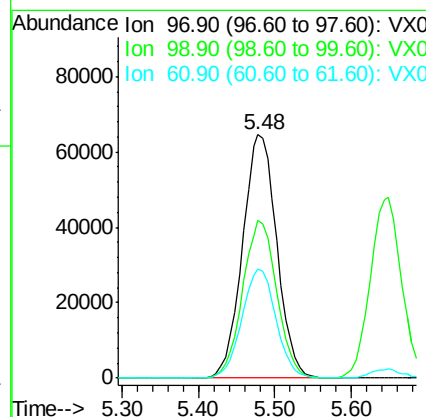
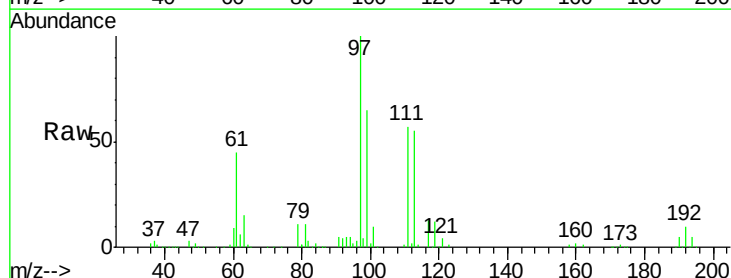
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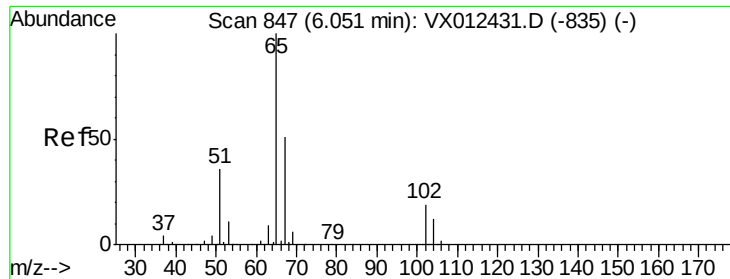
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#32
1,1,1-Trichloroethane
Concen: 48.209 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	44.6	36.1	54.1





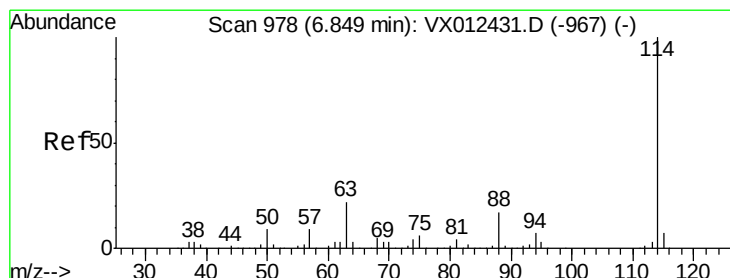
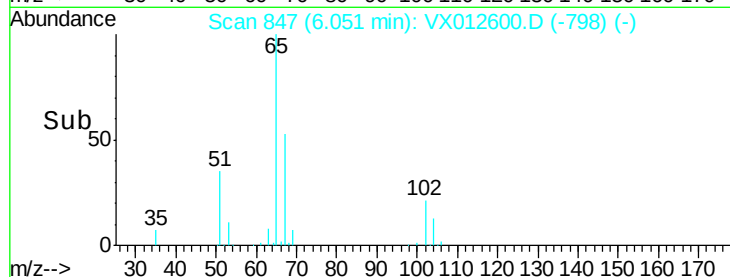
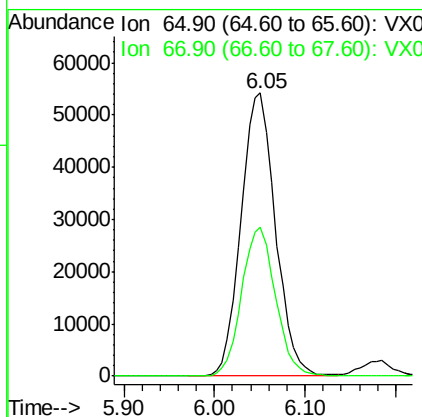
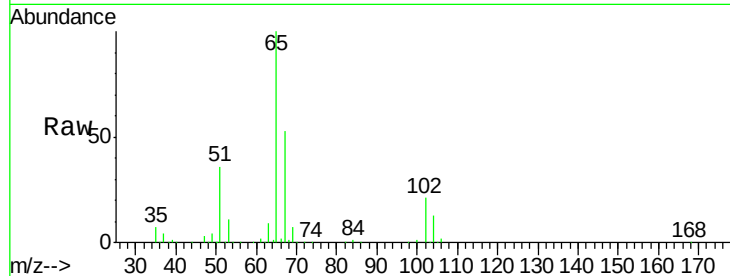
#33
 1,2-Dichloroethane-d4
 Concen: 47.775 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142726		
67	51.8	0.0	101.2	

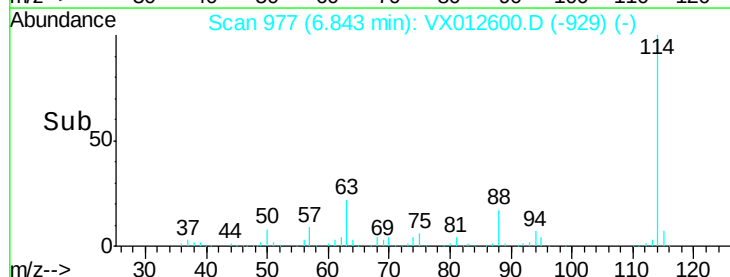
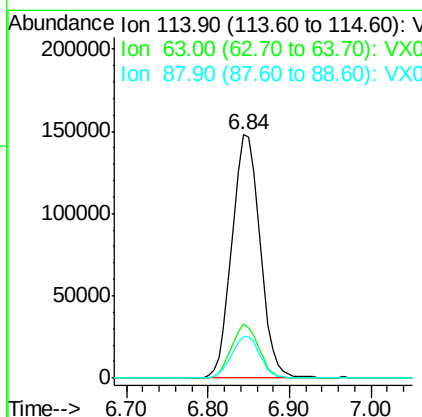
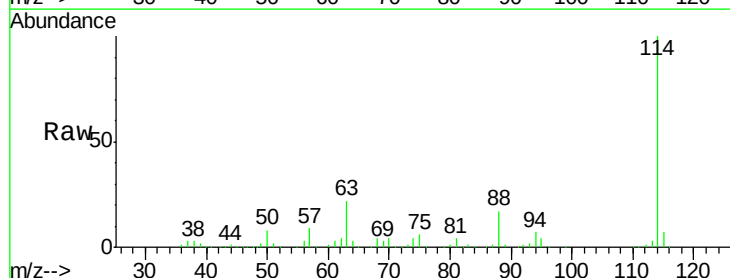
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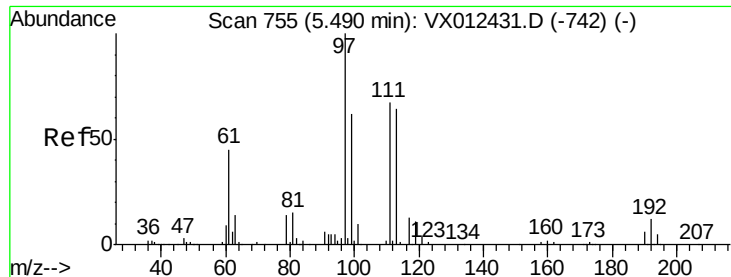
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	353147		
63	22.4	0.0	43.2	
88	17.2	0.0	33.2	





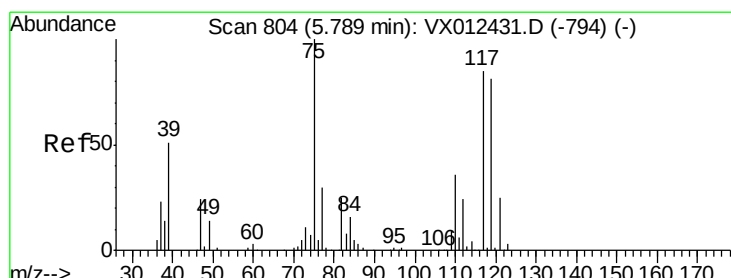
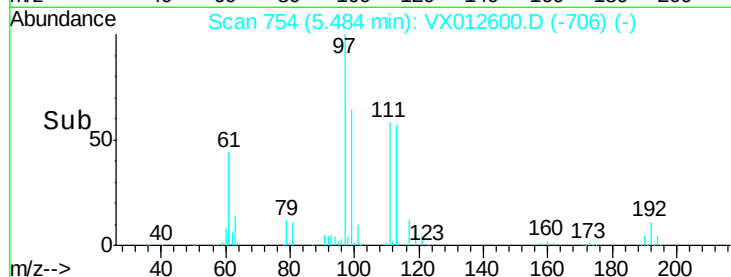
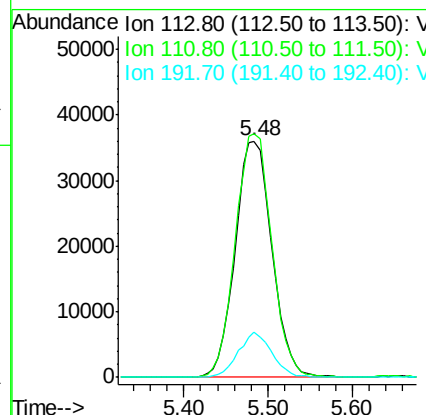
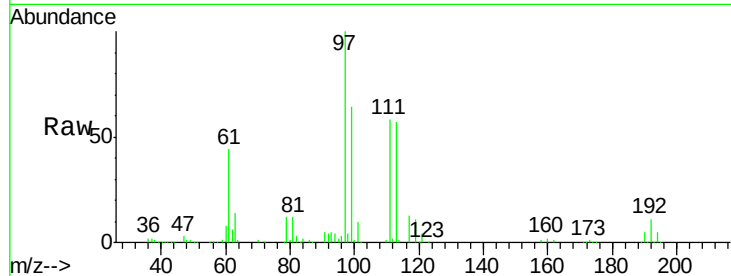
#35
 Dibromofluoromethane
 Concen: 50.595 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106409		
111	102.2	83.4	125.2	
192	17.5	14.4	21.6	

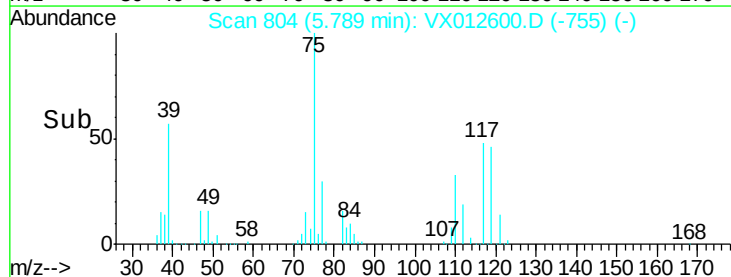
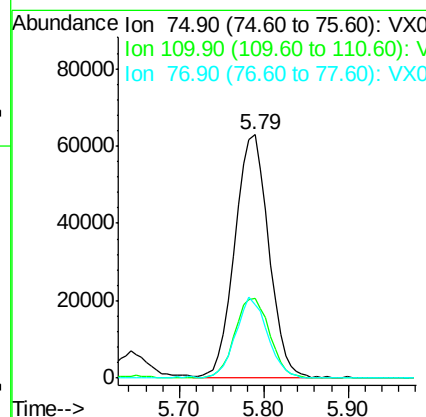
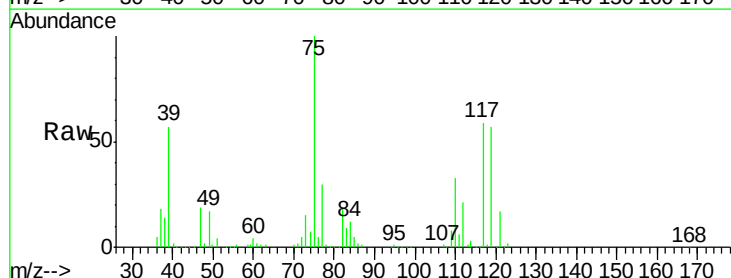
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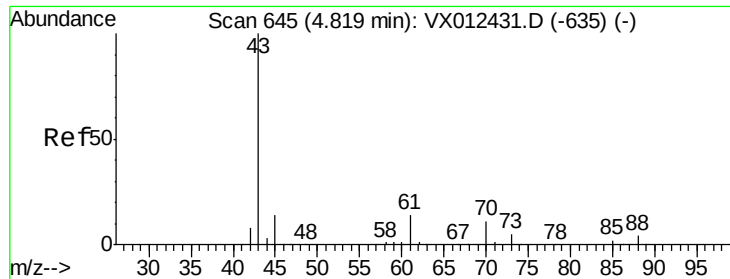
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#36
 1,1-Dichloropropene
 Concen: 49.970 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170094		
110	34.1	16.7	50.0	
77	31.7	24.2	36.2	





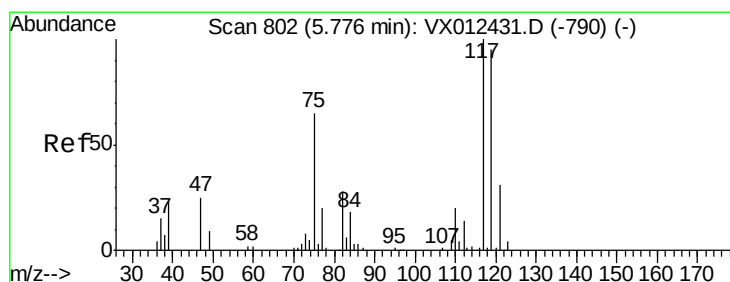
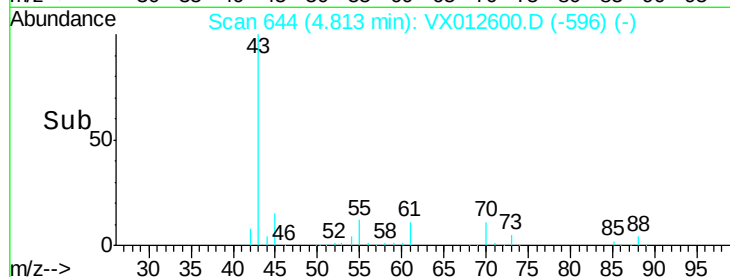
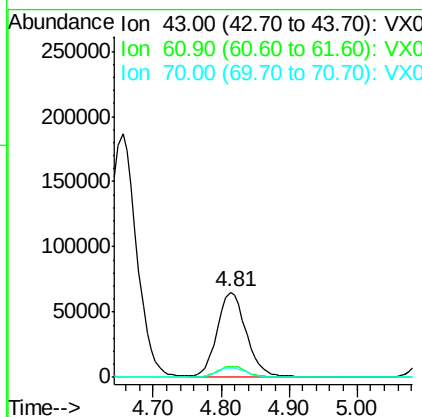
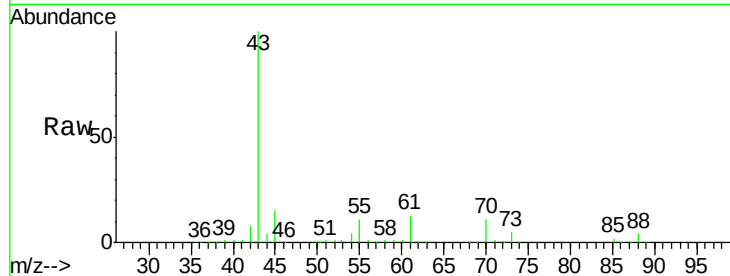
#37
Ethyl Acetate
Concen: 48.708 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion:	43	Resp:	193835
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.4
70	11.3	8.7	13.1

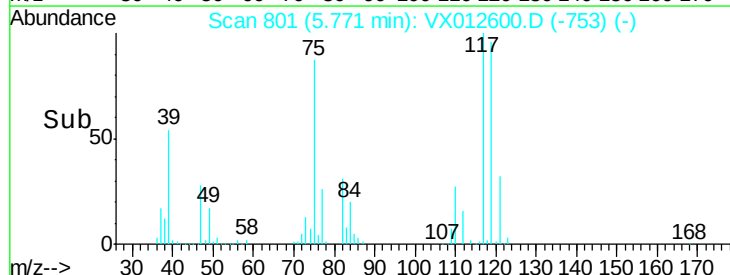
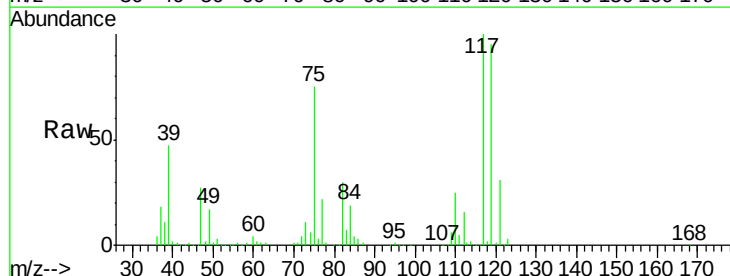
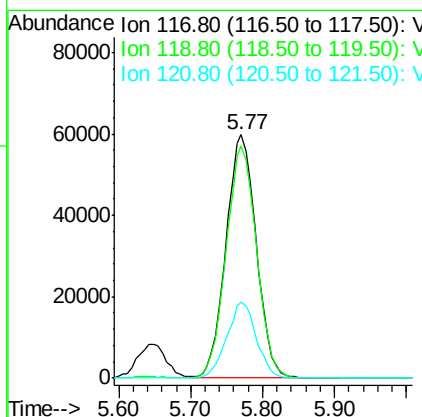
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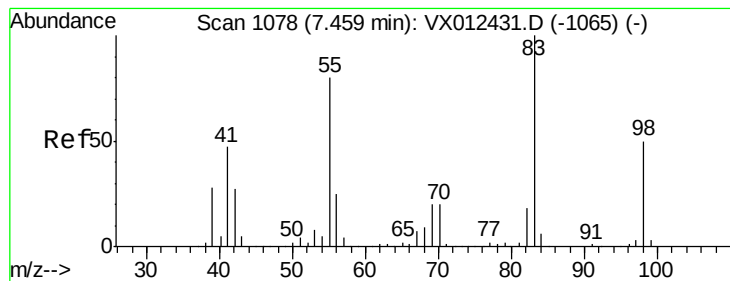
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#38
Carbon Tetrachloride
Concen: 50.622 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:	117	Resp:	175042
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.7	113.5
121	31.0	24.2	36.4





#39

Methylvlcyclohexane

Concen: 51.952 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 83 Resp: 212895

Ion Ratio Lower Upper

83 100

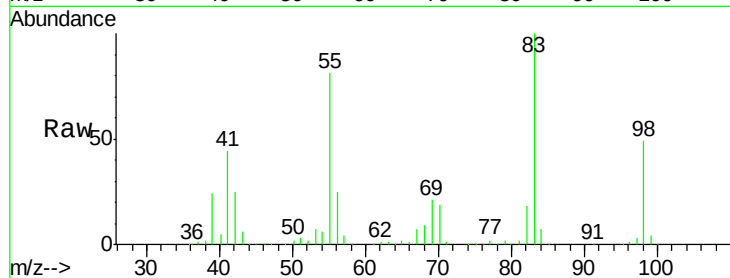
55 80.8 64.4 96.6

98 48.8 40.1 60.1

Manual Integrations
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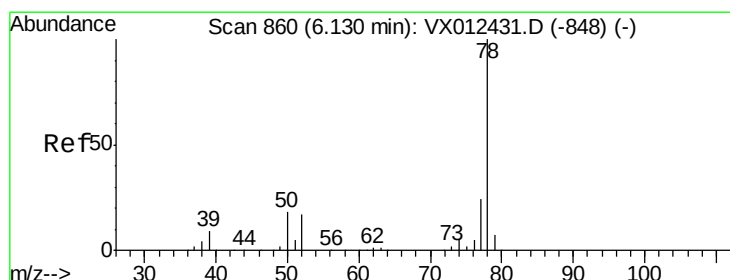
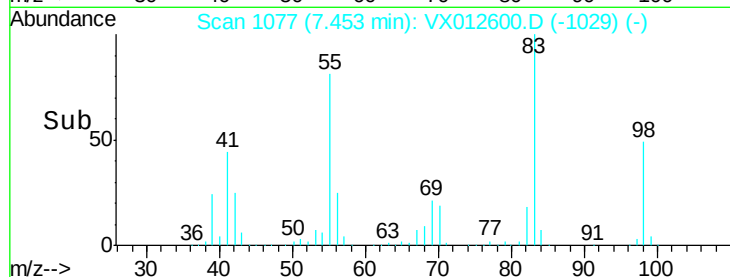
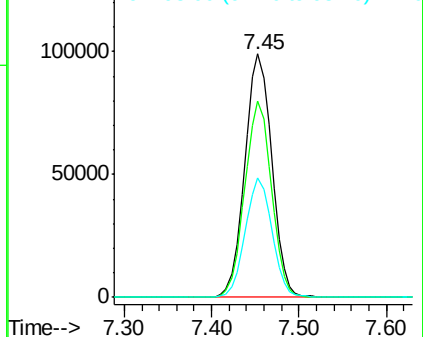
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.528 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX012600.D

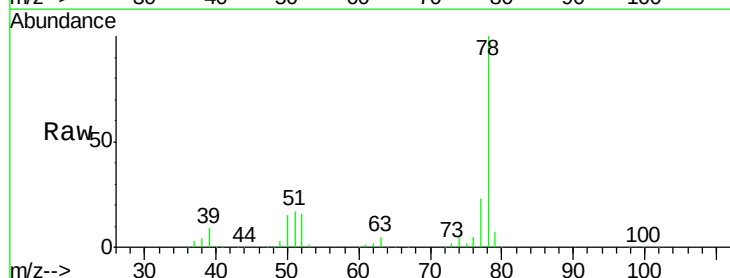
Acq: 23 Sep 2019 12:55

Tgt Ion: 78 Resp: 496040

Ion Ratio Lower Upper

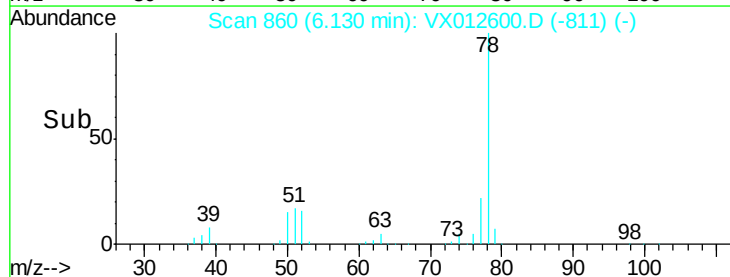
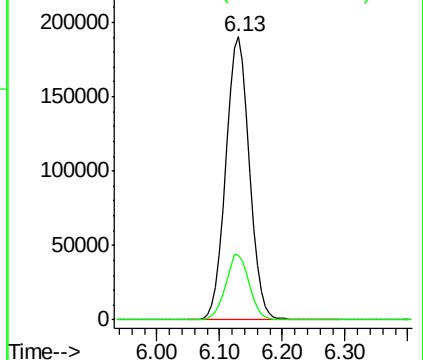
78 100

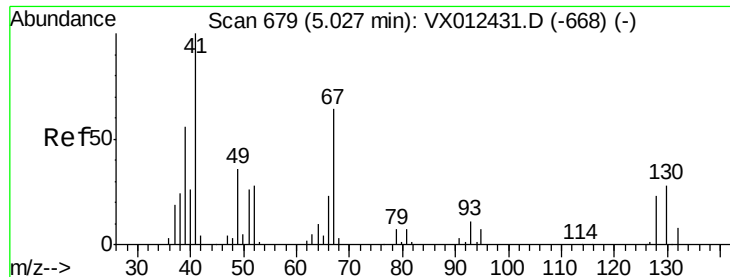
77 22.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.180 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 41 Resp: 107577
Ion Ratio Lower Upper

41 100

39 52.6 46.0 69.0

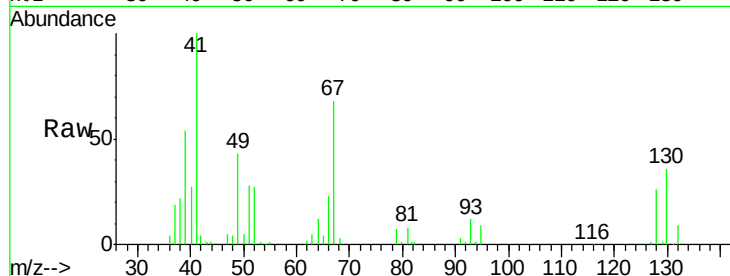
67 69.5 52.2 78.2

52 29.2 22.7 34.1

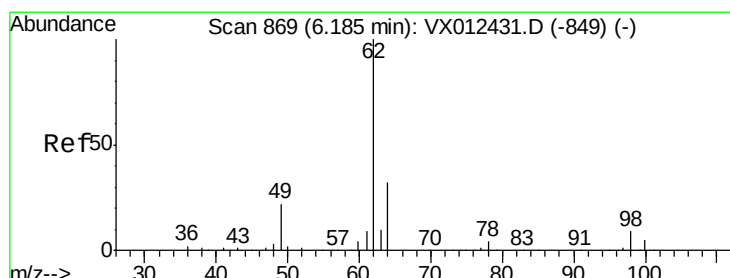
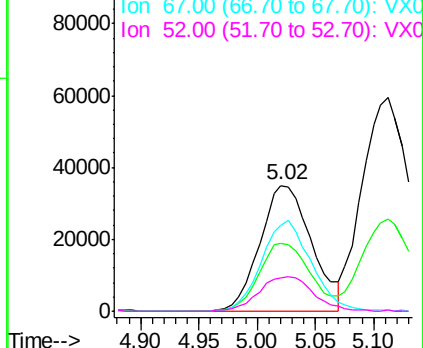
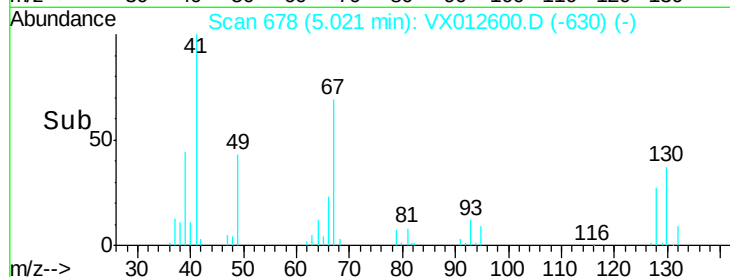
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.467 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

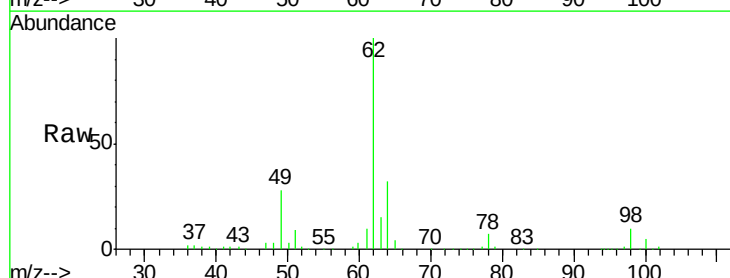
Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

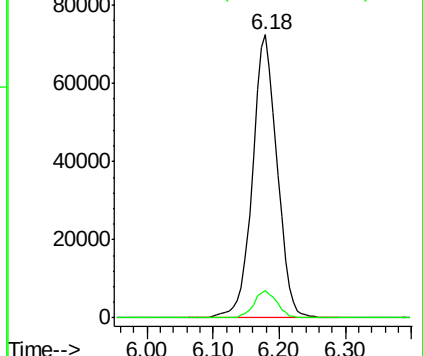
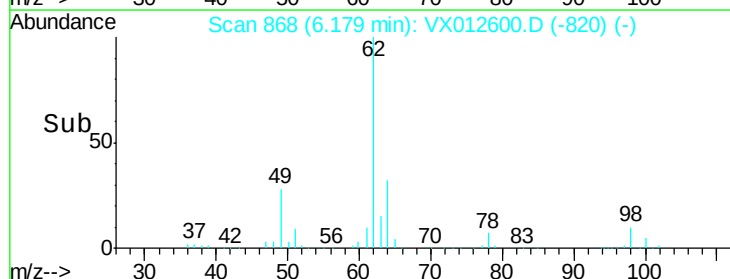
Tgt Ion: 62 Resp: 188135
Ion Ratio Lower Upper

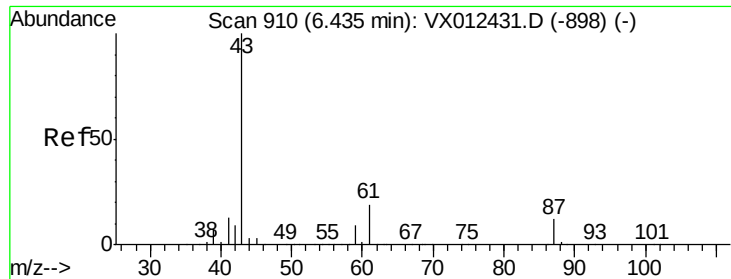
62 100

98 9.2 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: 48.373 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

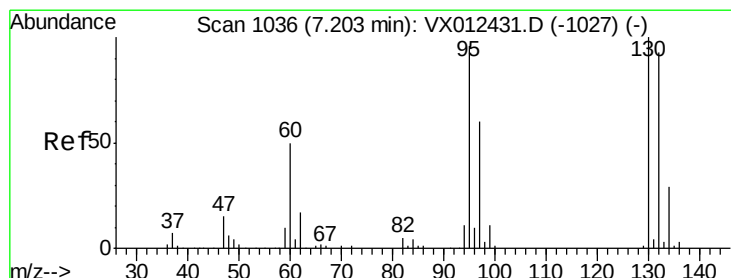
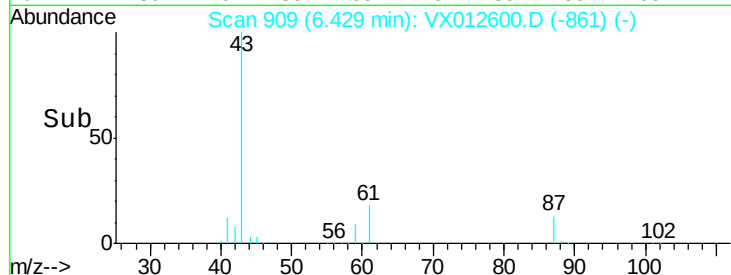
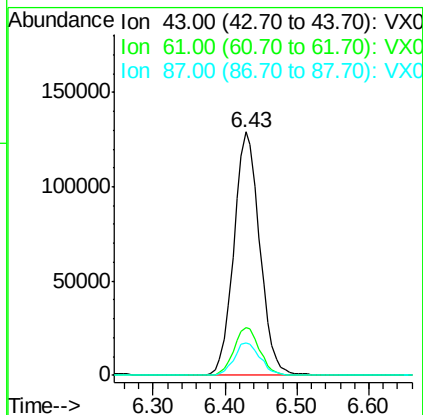
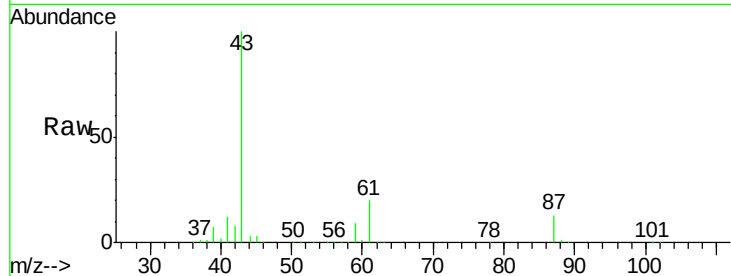
ClientSampleId :

ICVVX092319

Tot Ion:	43	Resp:	321928
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.3	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 49.704 ug/l

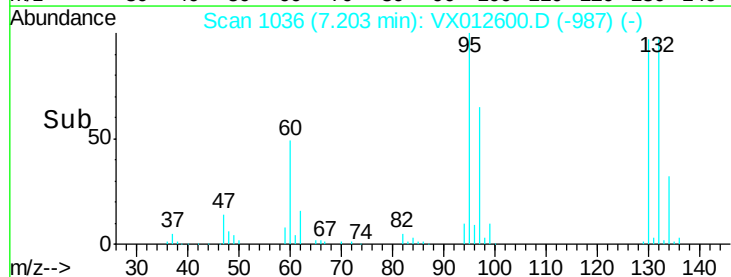
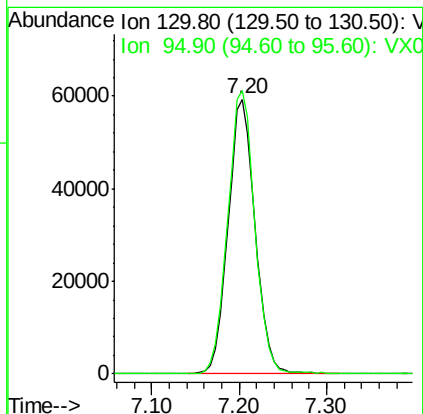
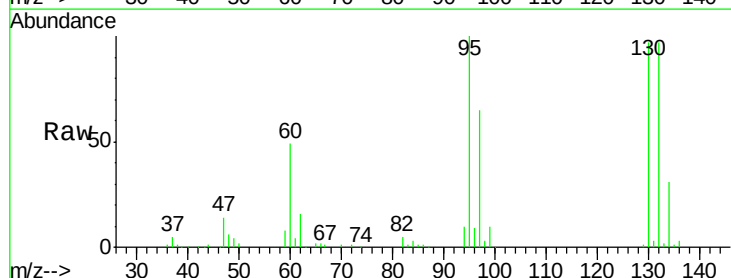
RT: 7.20 min Scan# 1036

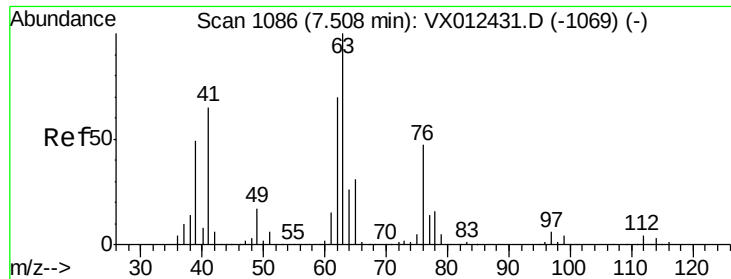
Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion:	130	Resp:	127261
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	193.0





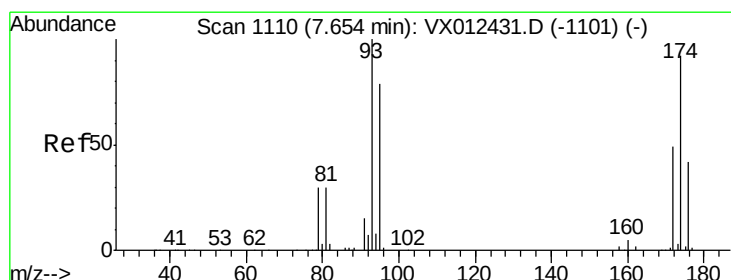
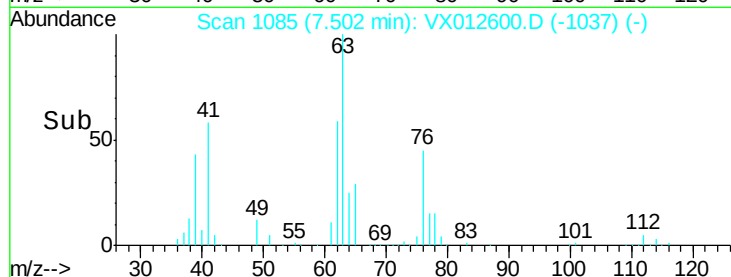
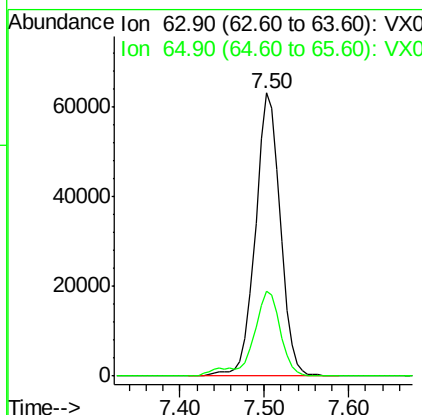
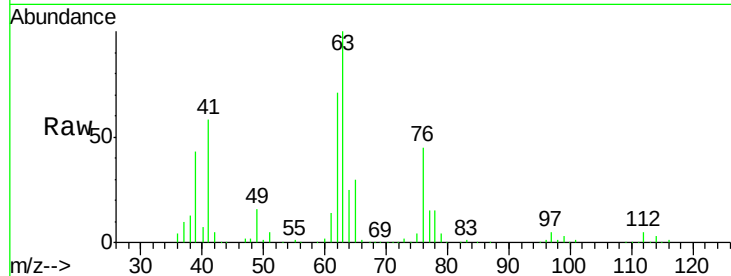
#45
 1,2-Dichloropropane
 Concen: 49.867 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion: 63 Resp: 127868
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6

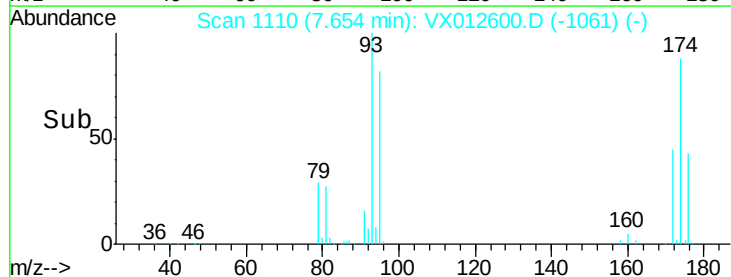
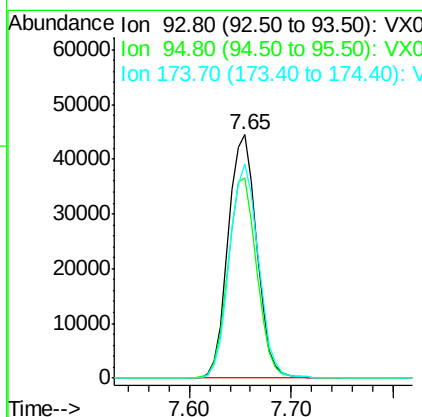
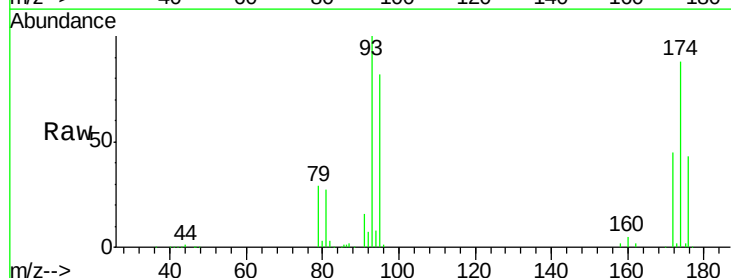
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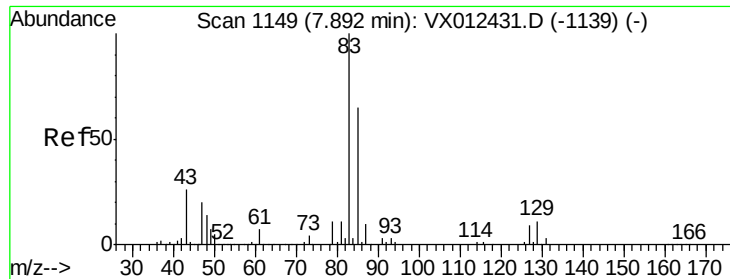
MMDadoda
 9/24/2019 10:06:10 AM



#46
 Dibromomethane
 Concen: 49.447 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 93 Resp: 86326
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.6 100.0
 174 88.8 77.4 116.0





#47

Bromodichloromethane

Concen: 50.742 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

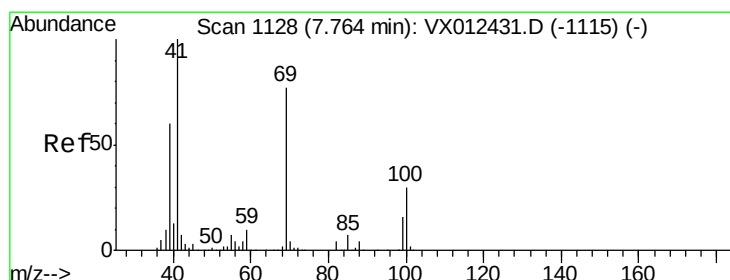
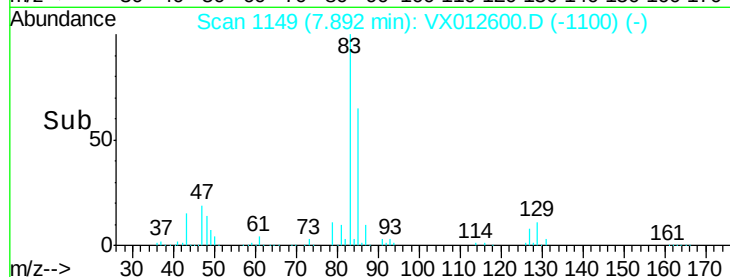
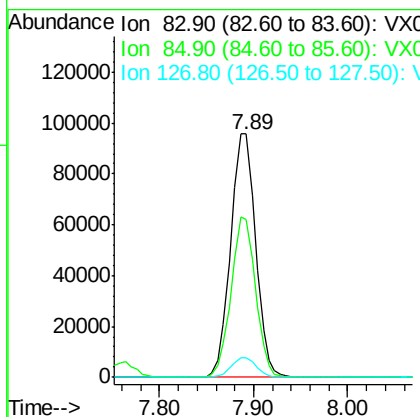
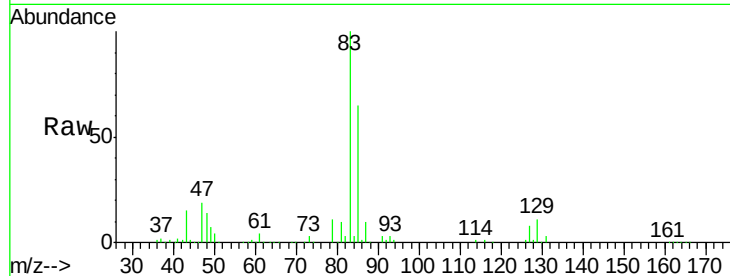
ClientSampleId :

ICVVX092319

Tot Ion:	83	Resp:	177051
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6
127	8.2	7.3	10.9

Manual Integrations
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MMDadoda
9/24/2019 10:06:10 AM



#48

Methyl methacrylate

Concen: 48.393 ug/l

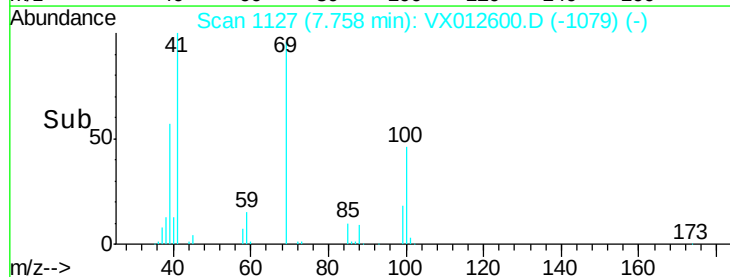
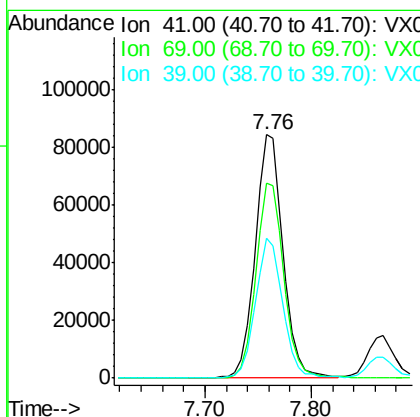
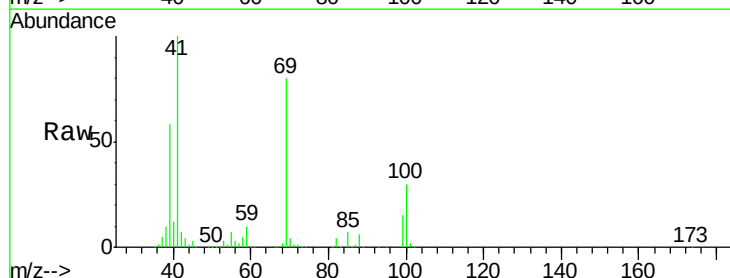
RT: 7.76 min Scan# 1127

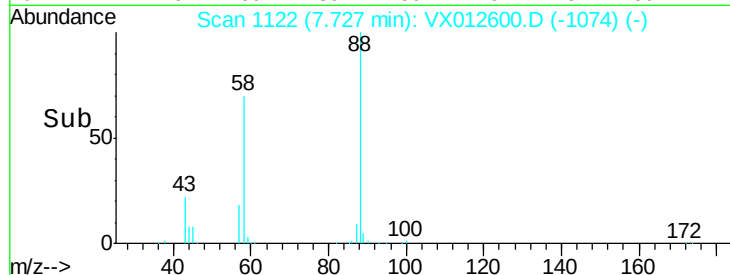
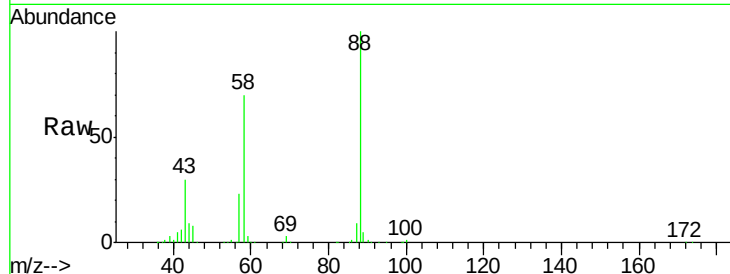
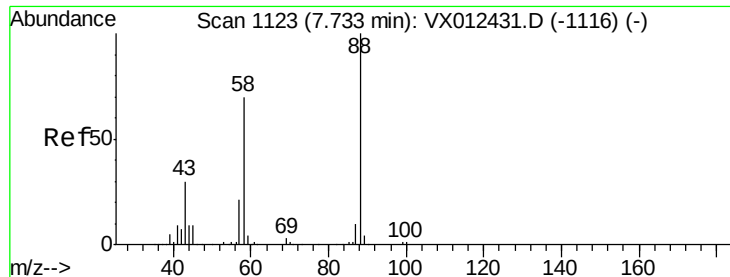
Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion:	41	Resp:	154426
Ion	Ratio	Lower	Upper
41	100		
69	81.0	59.9	89.9
39	56.5	47.8	71.6





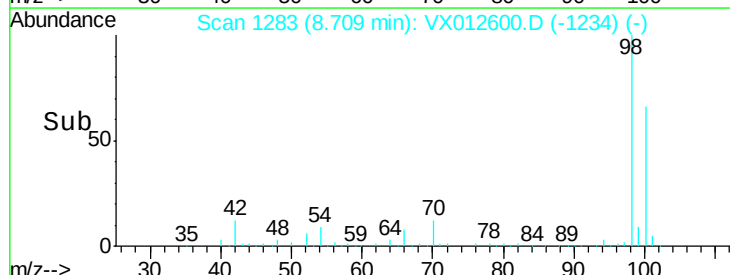
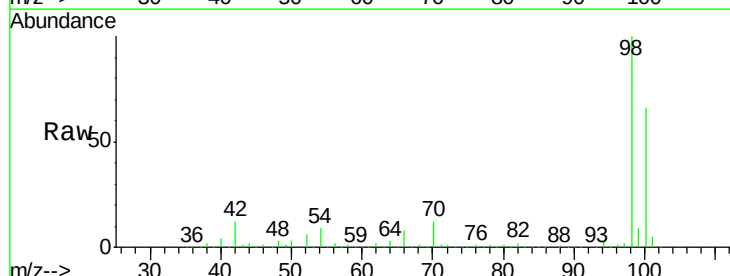
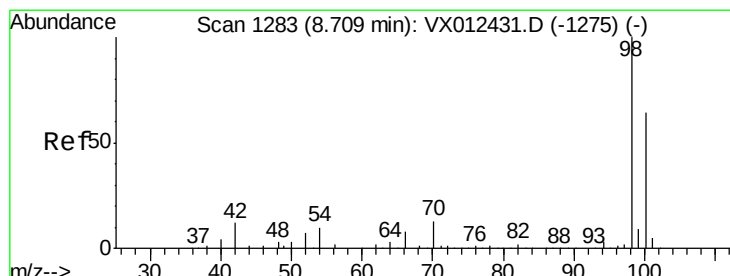
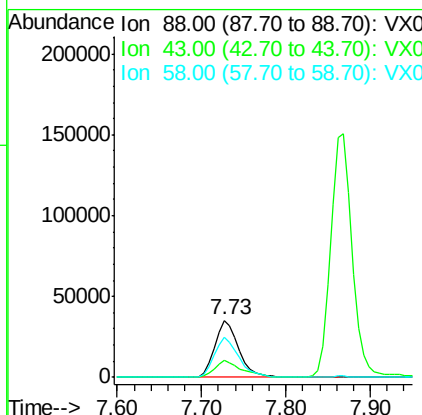
#49
1,4-Dioxane
Concen: 949.536 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tot Ion:	88	Resp:	68727
Ion	Ratio	Lower	Upper
88	100		
43	33.2	29.4	44.0
58	72.5	57.5	86.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

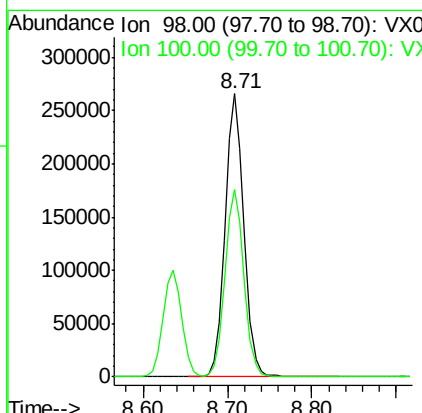
Manual Integrations
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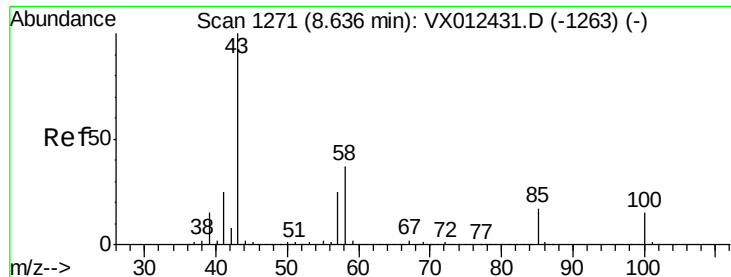
MMDadoda
9/24/2019 10:06:10 AM



#50
Toluene-d8
Concen: 50.161 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:	98	Resp:	406267
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 236.848 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 43 Resp: 972991

Ion Ratio Lower Upper

43 100

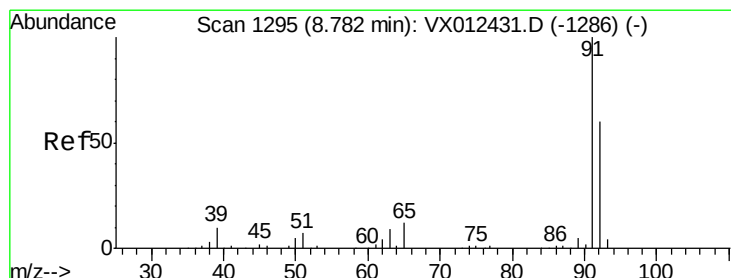
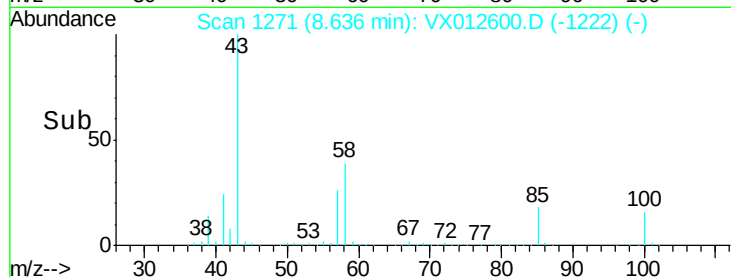
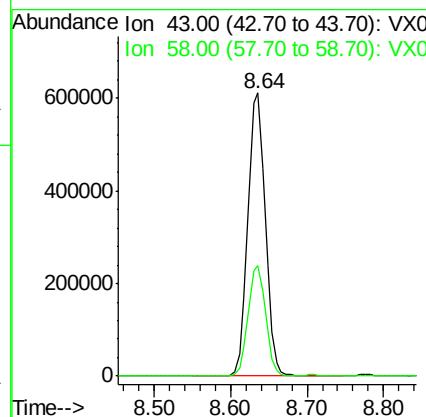
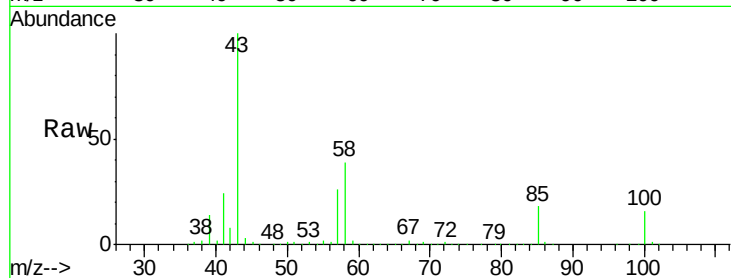
58 39.0 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 50.371 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012600.D

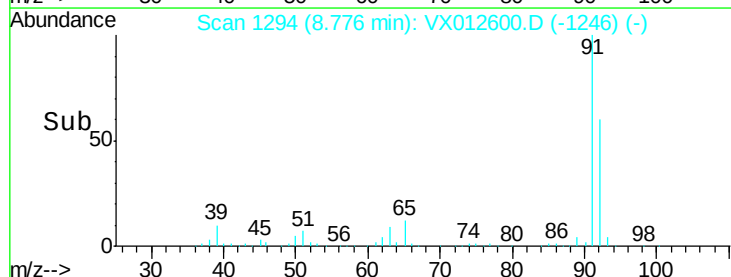
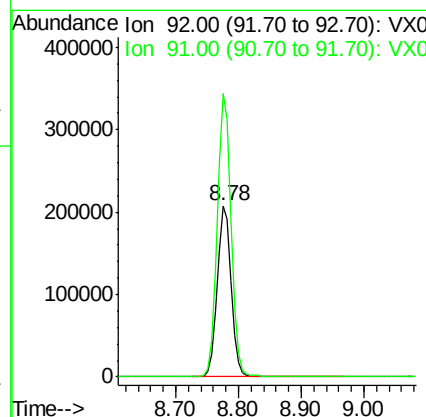
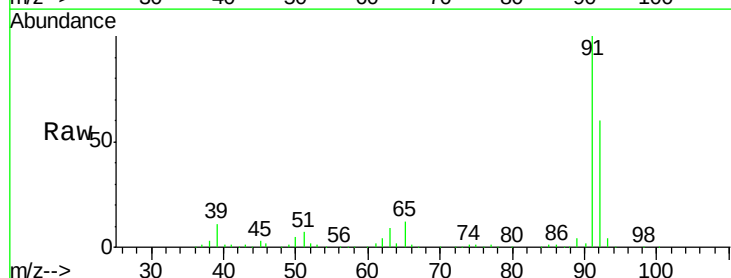
Acq: 23 Sep 2019 12:55

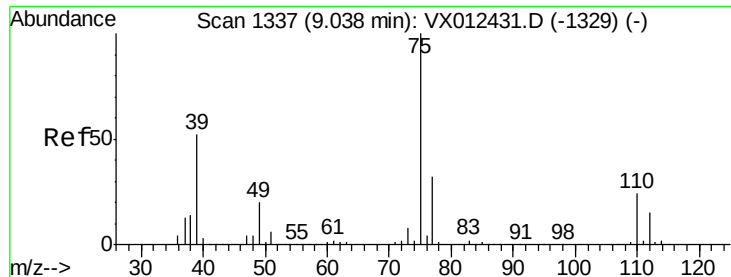
Tgt Ion: 92 Resp: 317072

Ion Ratio Lower Upper

92 100

91 165.3 135.4 203.0





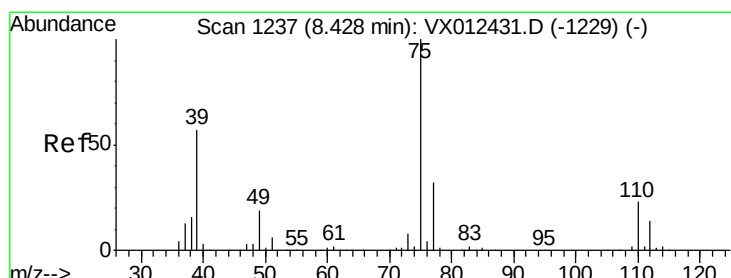
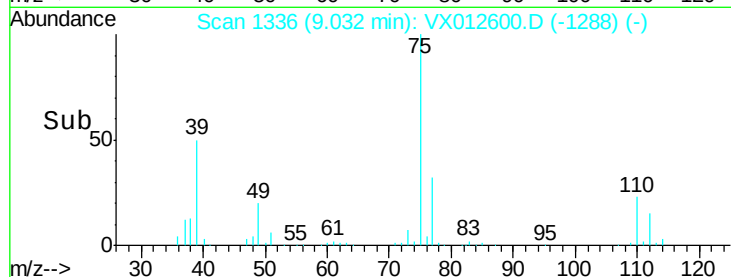
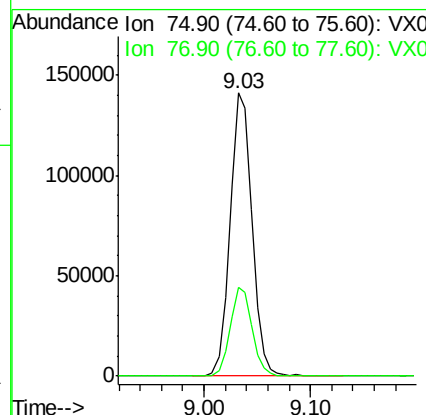
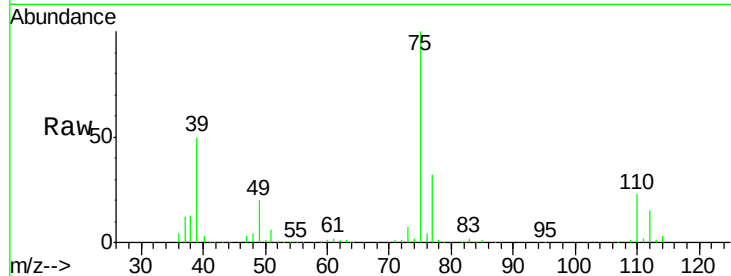
#53
 t-1,3-Dichloropropene
 Concen: 52.862 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion: 75 Resp: 204078
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

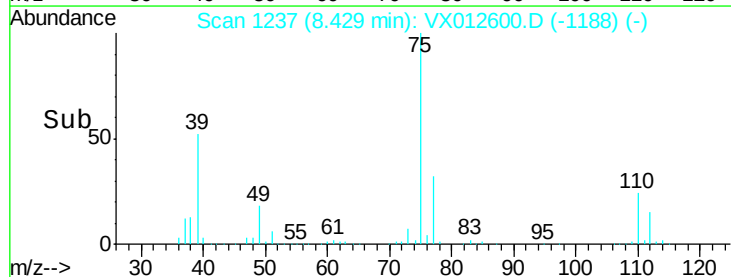
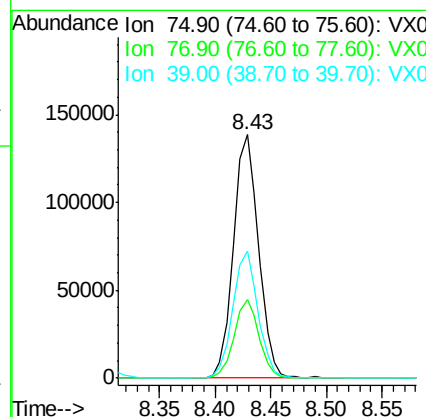
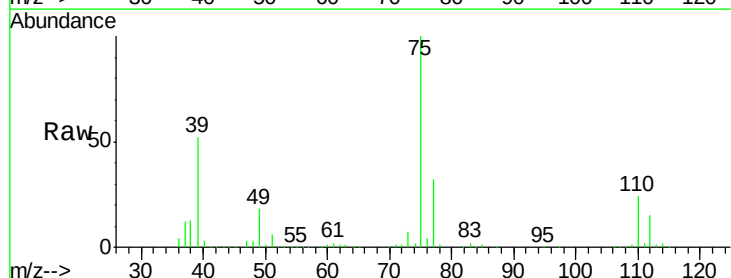
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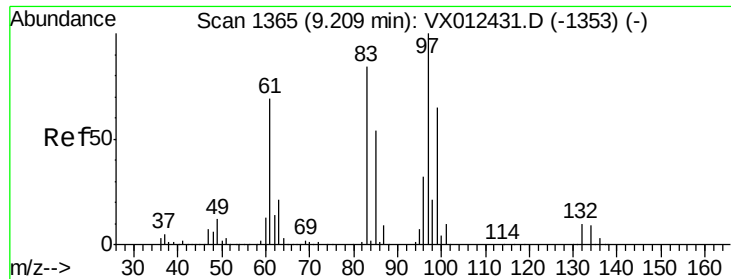
MMDadoda
 9/24/2019 10:06:10 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.395 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion: 75 Resp: 216635
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.8
 39 52.0 45.5 68.3





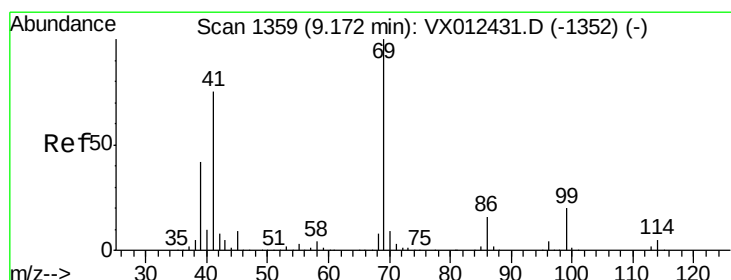
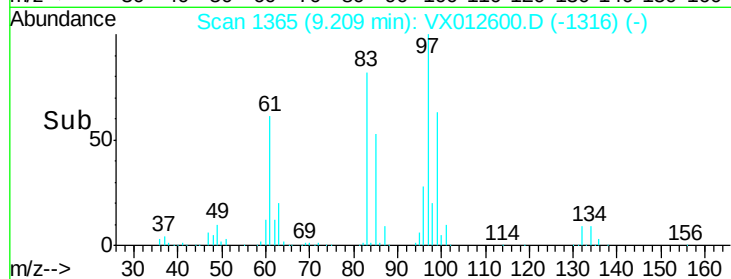
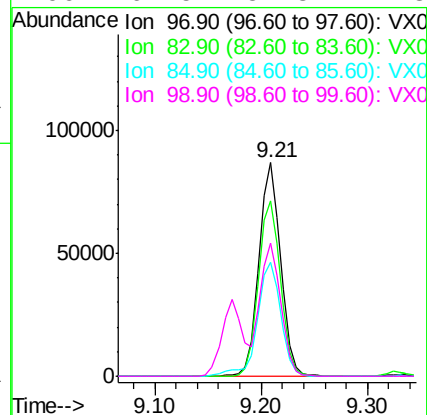
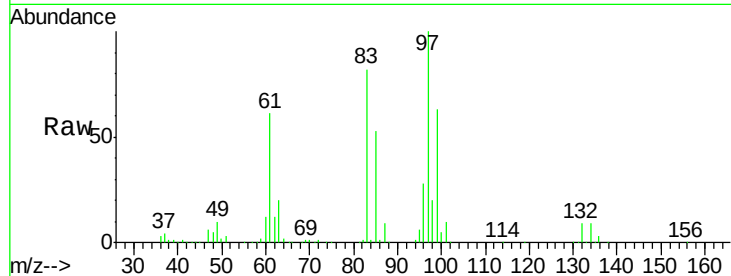
#55
 1,1,2-Trichloroethane
 Concen: 49.804 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion:	97	Resp:	124641
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.2
85	53.5	43.5	65.3
99	62.5	51.8	77.8

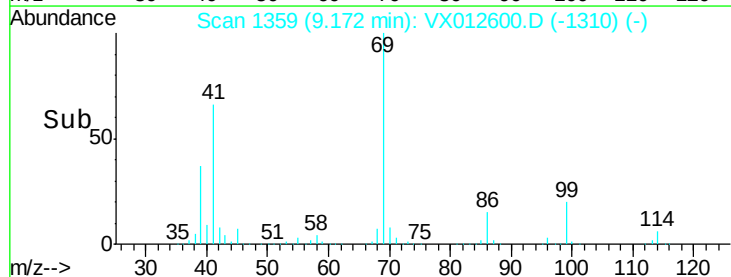
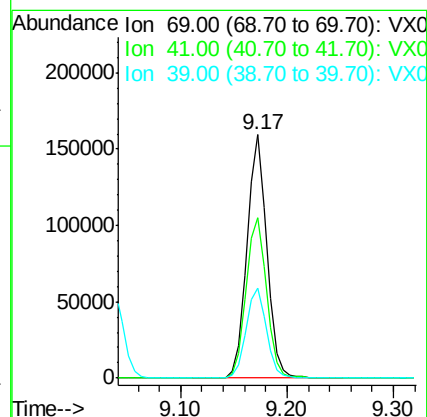
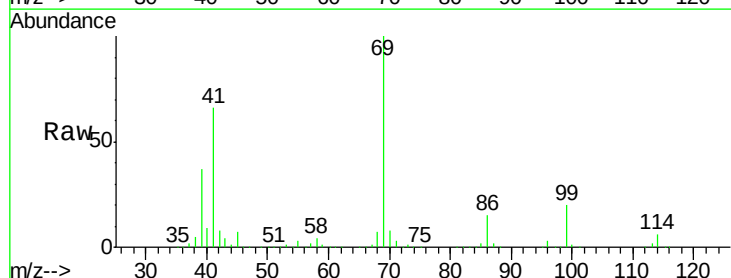
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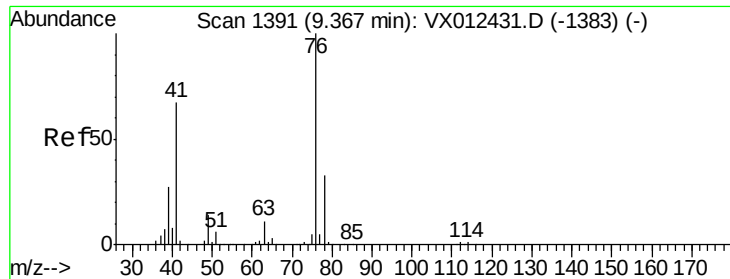
MMDadoda
 9/24/2019 10:06:10 AM



#56
 Ethyl methacrylate
 Concen: 49.873 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion:	69	Resp:	209685
Ion	Ratio	Lower	Upper
69	100		
41	68.5	58.4	87.6
39	37.9	33.4	50.0





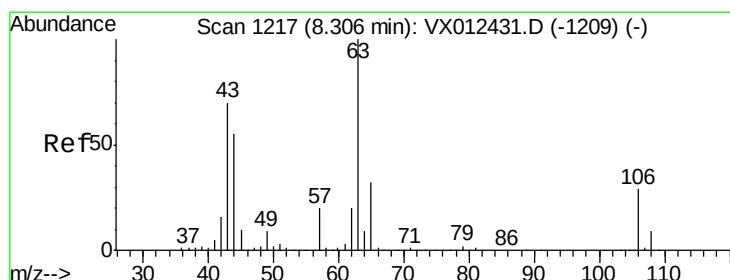
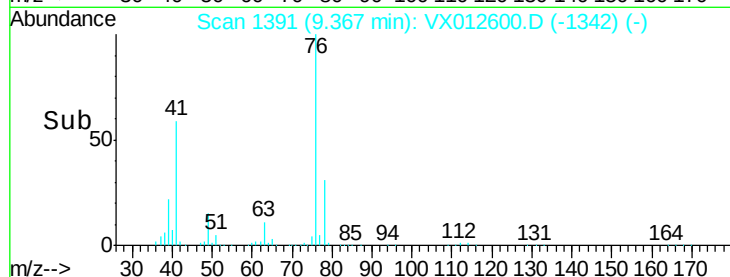
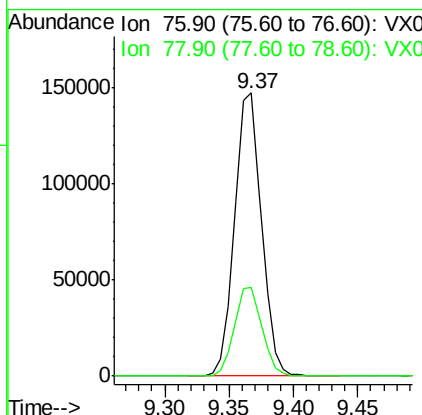
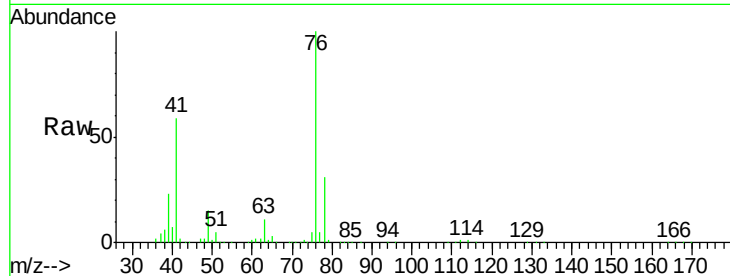
#57
 1,3-Dichloropropane
 Concen: 48.970 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

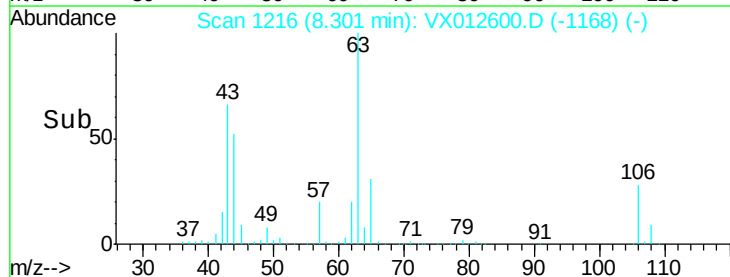
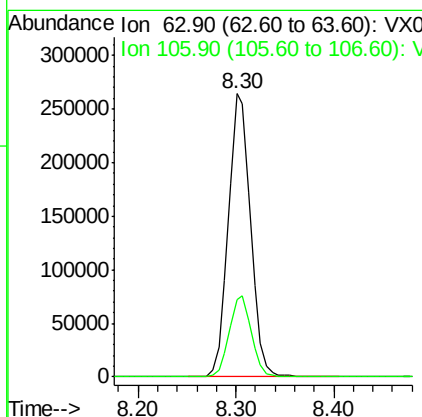
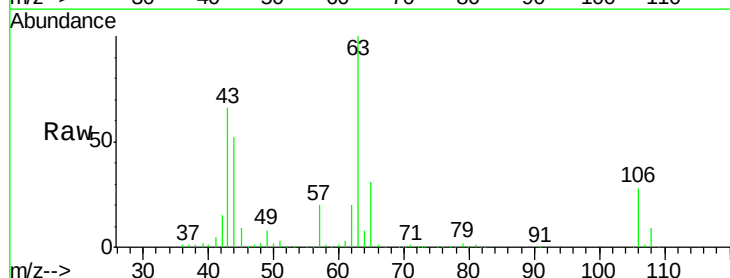
Manual Integrations
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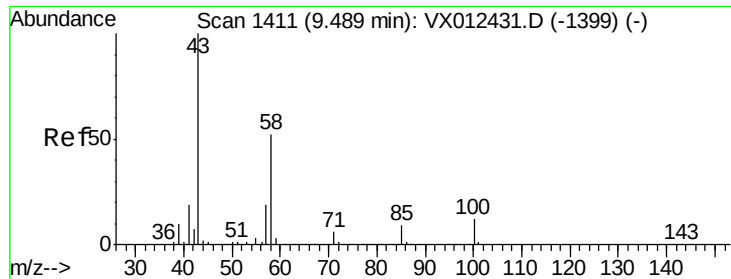
MMDadoda
 9/24/2019 10:06:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.048 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.8	35.6





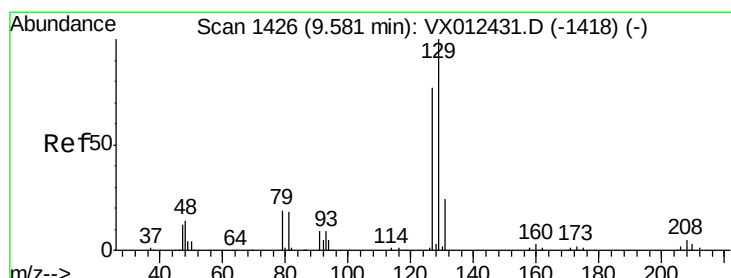
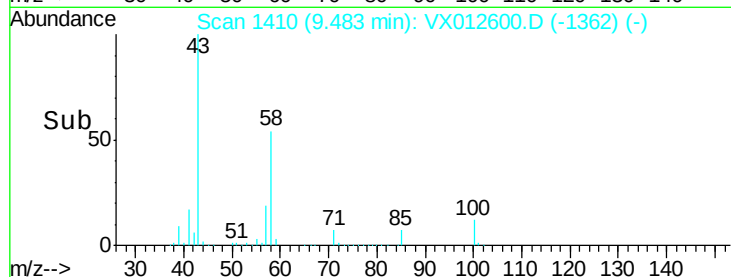
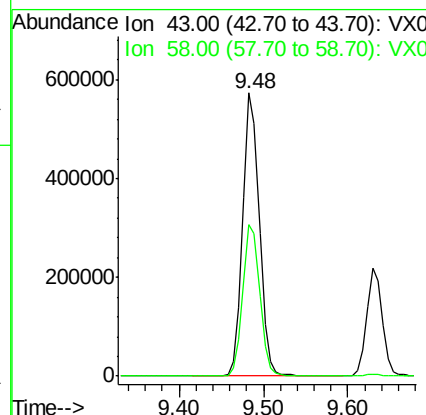
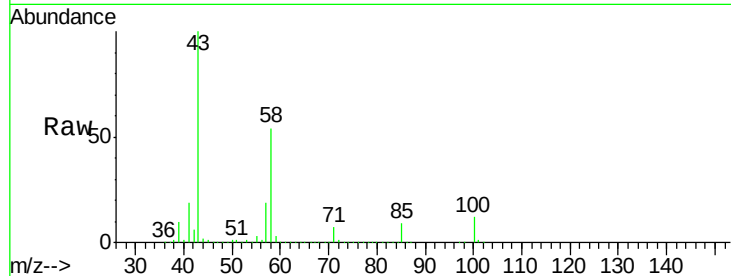
#59
2-Hexanone
Concen: 240.729 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion: 43 Resp: 756969
Ion Ratio Lower Upper
43 100
58 54.8 25.7 77.1

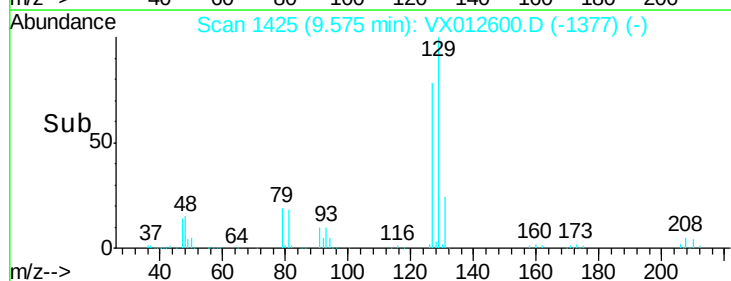
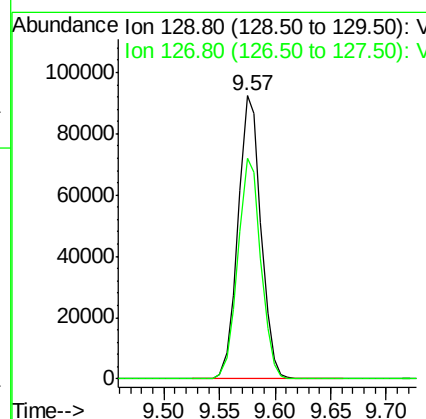
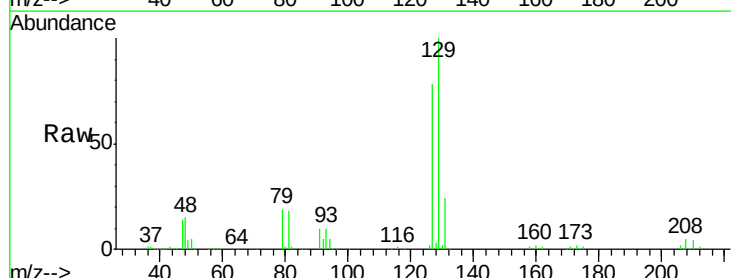
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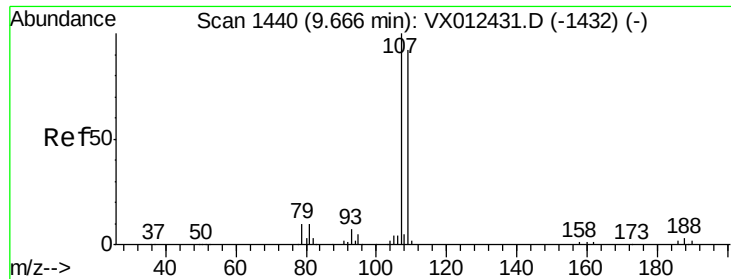
MMDadoda
9/24/2019 10:06:10 AM



#60
Dibromochloromethane
Concen: 51.894 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion: 129 Resp: 131468
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.543 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 107 Resp: 131641

Ion Ratio Lower Upper

107 100

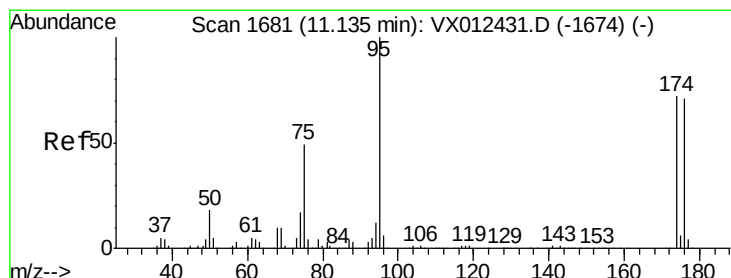
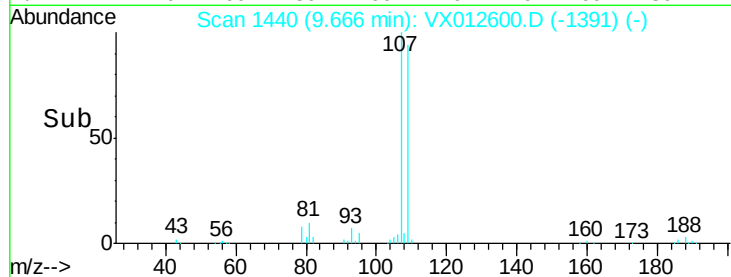
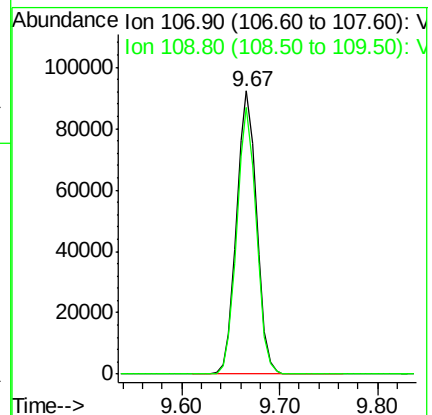
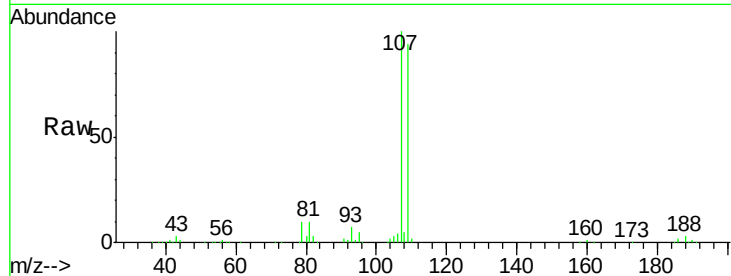
109 92.1 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 51.296 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

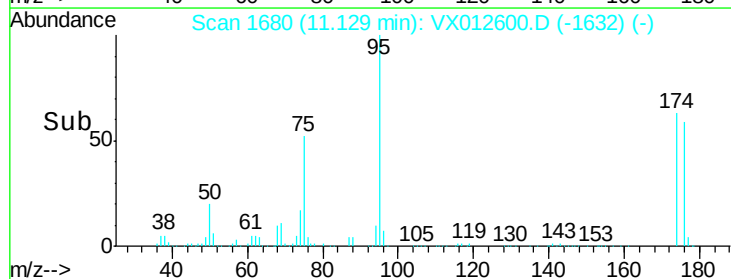
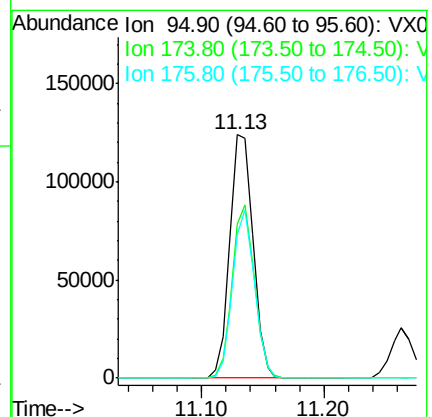
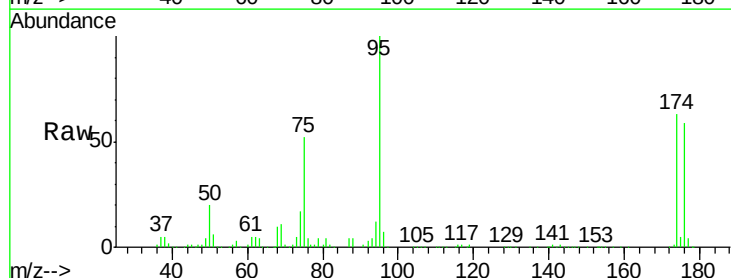
Tgt Ion: 95 Resp: 163361

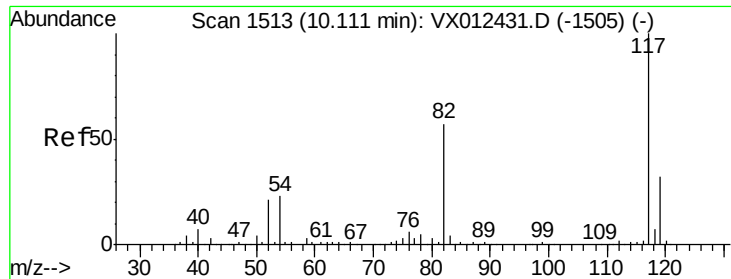
Ion Ratio Lower Upper

95 100

174 68.0 0.0 140.0

176 64.9 0.0 135.4





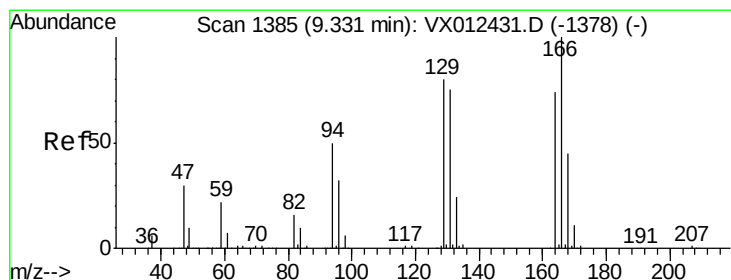
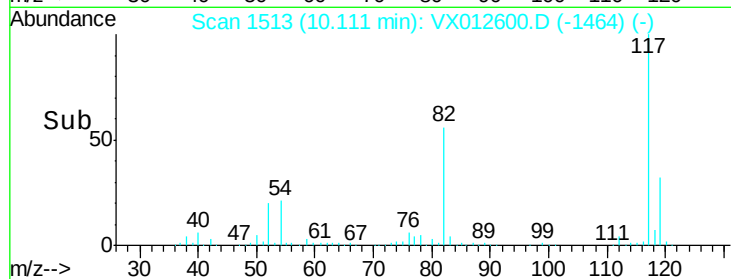
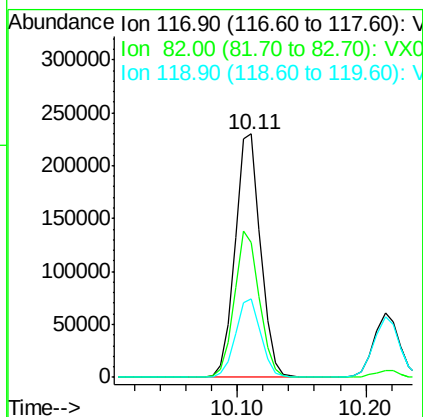
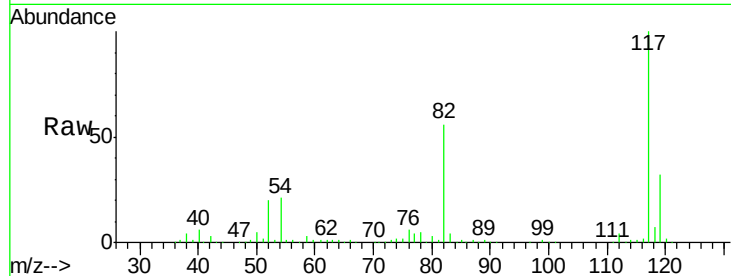
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.9	68.9
119	32.0	25.3	37.9

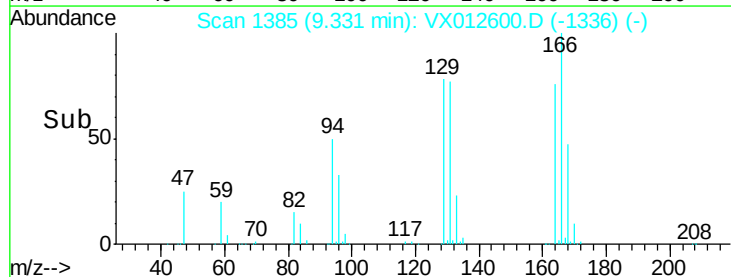
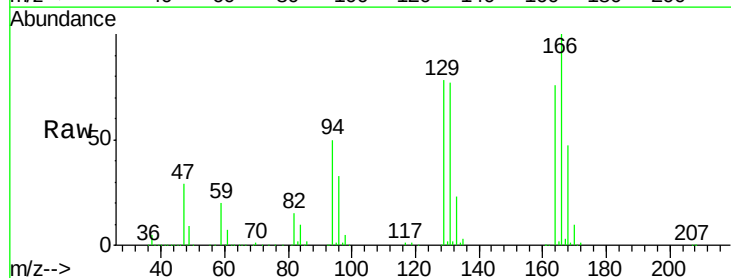
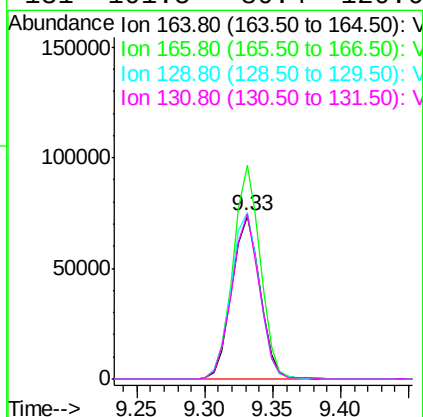
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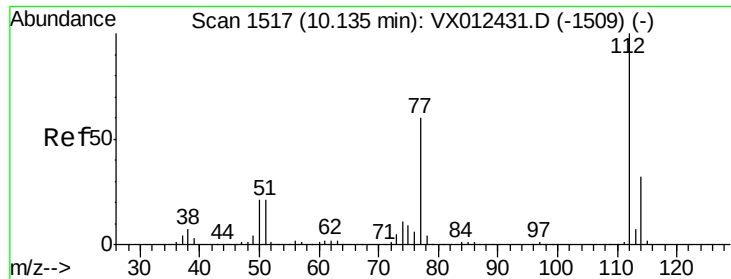
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#64
Tetrachloroethene
Concen: 48.359 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	107.8	161.6
129	101.8	86.2	129.2
131	101.5	80.4	120.6





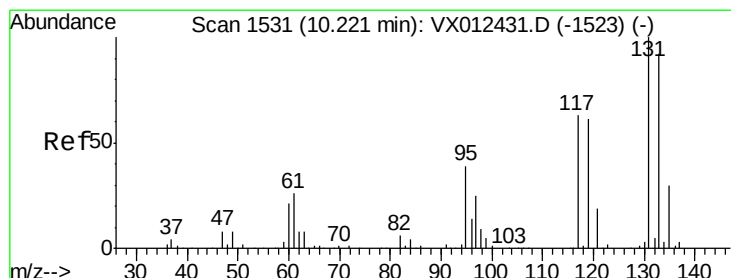
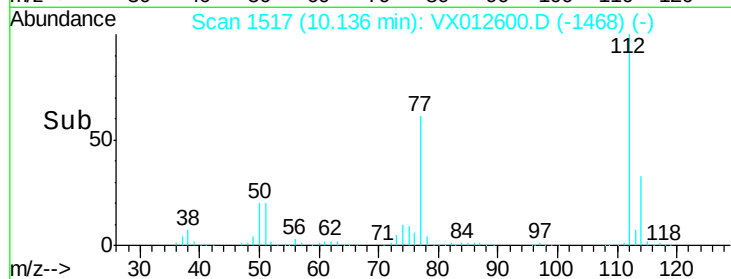
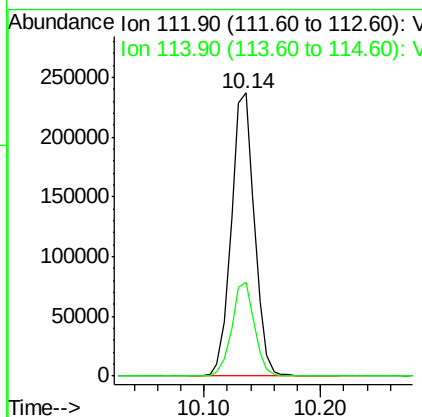
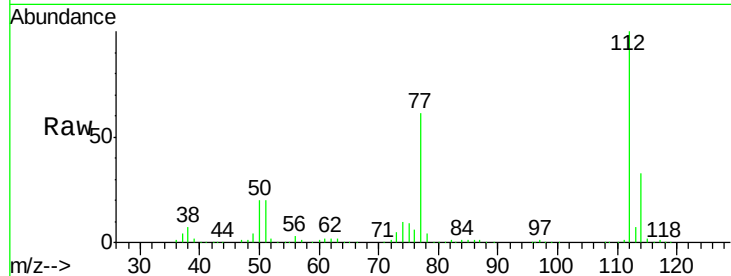
#65
Chlorobenzene
Concen: 49.208 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion:112 Resp: 327971
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0

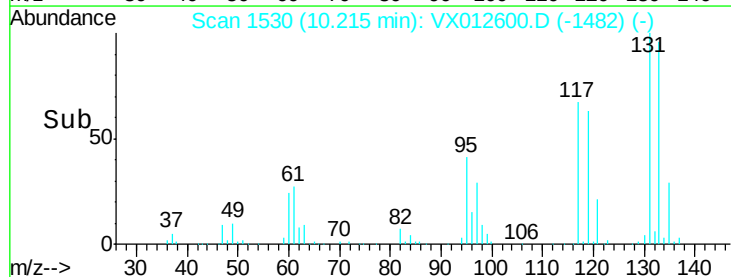
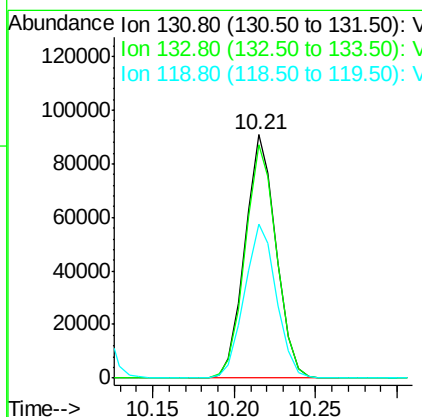
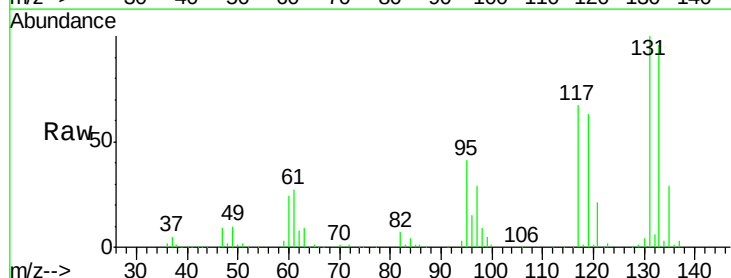
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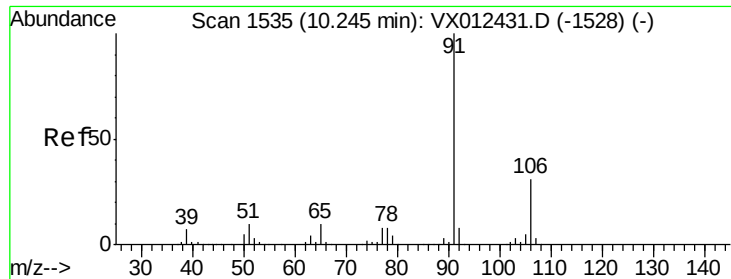
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.890 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion:131 Resp: 120480
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 65.1 31.3 93.8





#67

Ethyl Benzene

Concen: 50.523 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 91 Resp: 610759

Ion Ratio Lower Upper

91 100

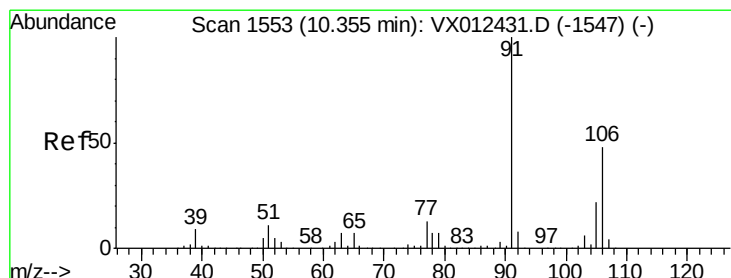
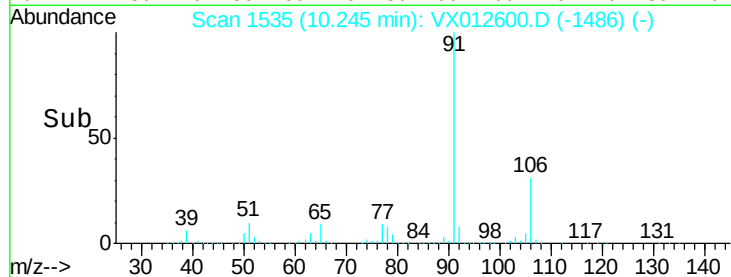
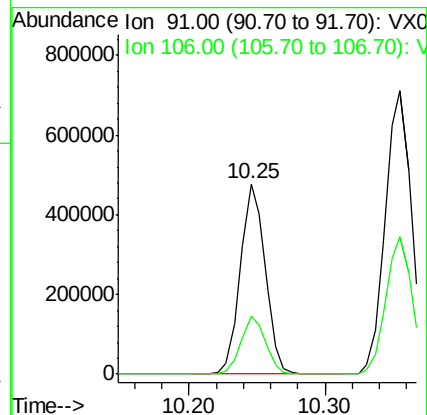
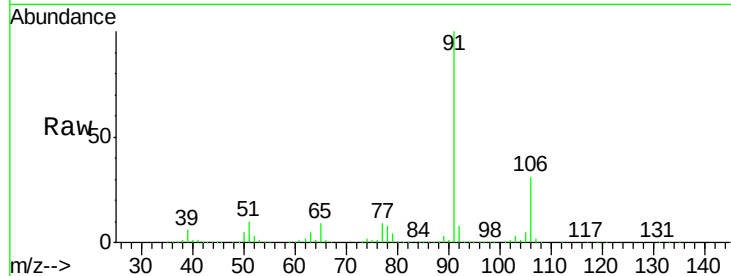
106 30.5 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.936 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012600.D

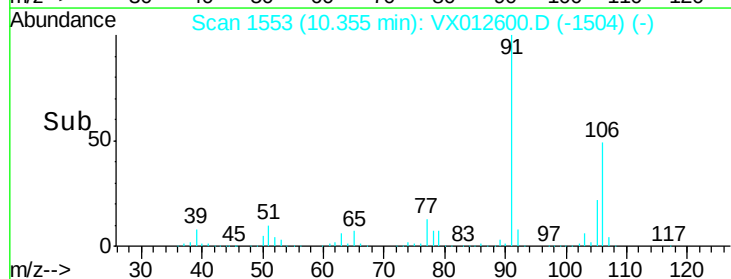
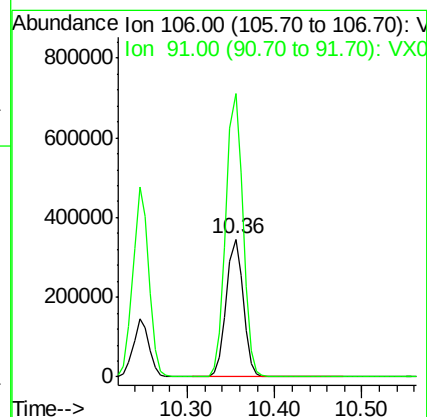
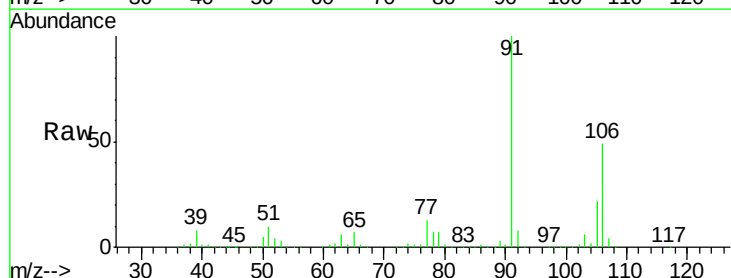
Acq: 23 Sep 2019 12:55

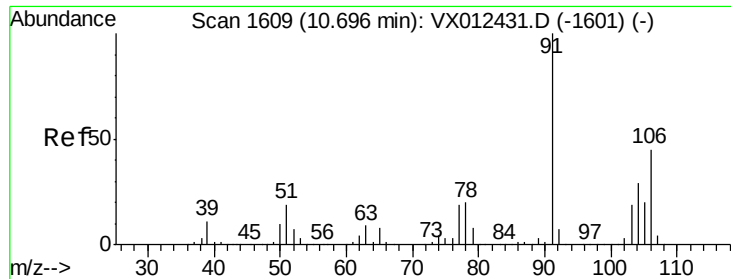
Tgt Ion: 106 Resp: 461611

Ion Ratio Lower Upper

106 100

91 207.6 166.6 250.0





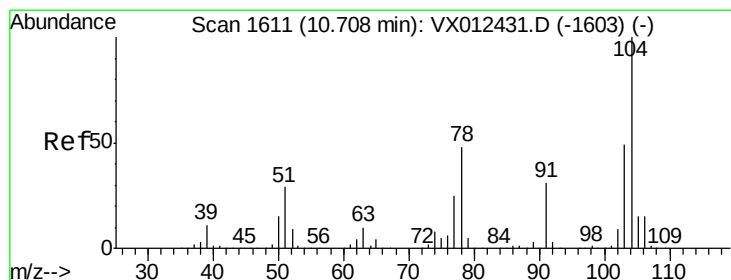
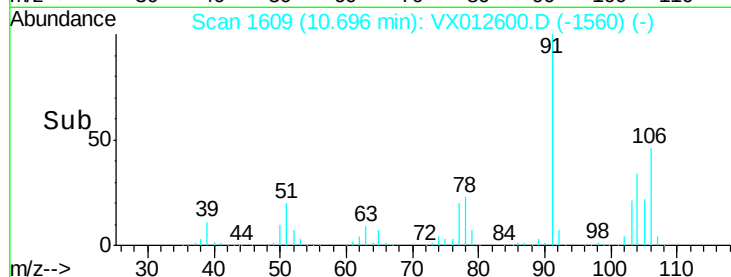
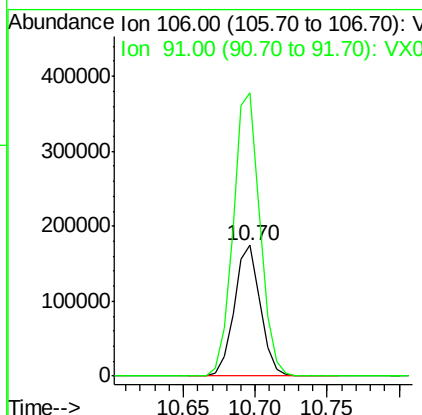
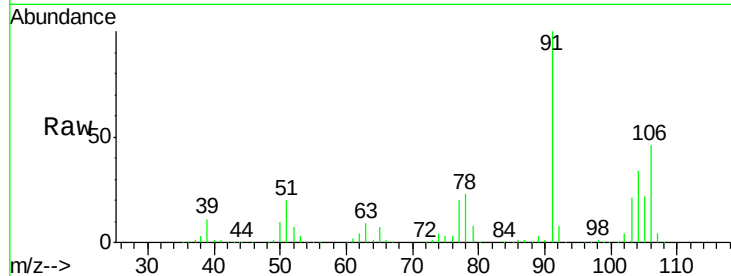
#69
o-Xylene
Concen: 50.272 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVX092319

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		220282		
91	222.5	109.4	328.2		

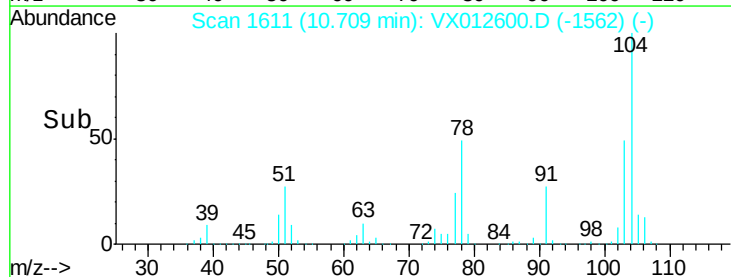
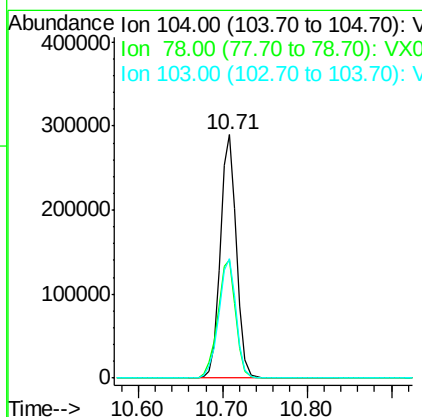
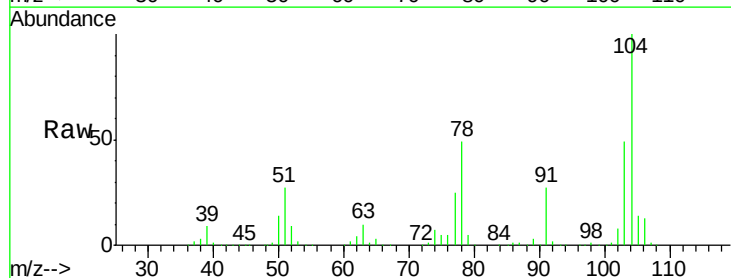
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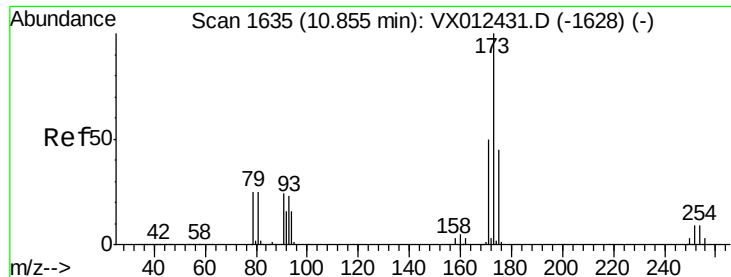
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#70
Styrene
Concen: 51.756 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		380187		
78	54.4	43.4	65.2		
103	53.5	43.3	64.9		





#71

Bromoform

Concen: 52.294 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion:173 Resp: 87933

Ion Ratio Lower Upper

173 100

175 49.3 23.7 71.1

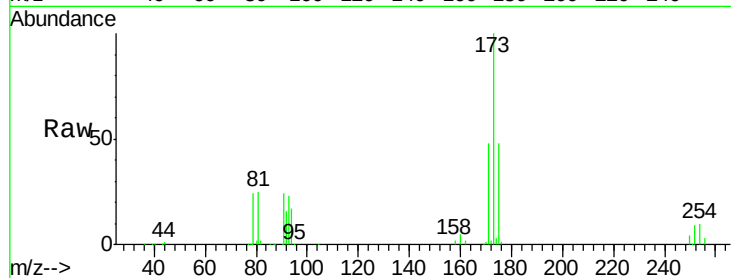
254 0.0 0.1 0.1#

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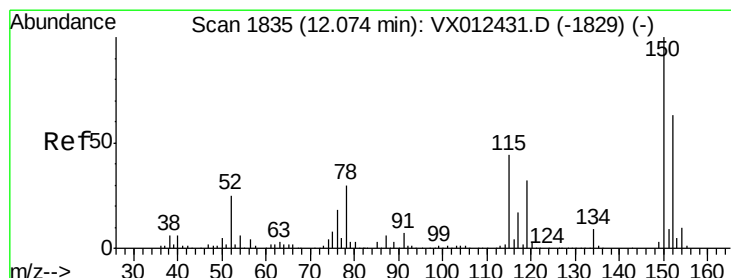
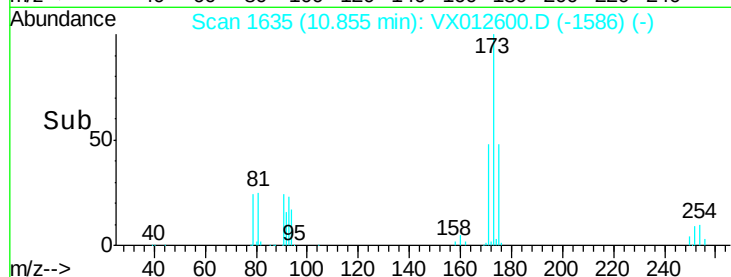
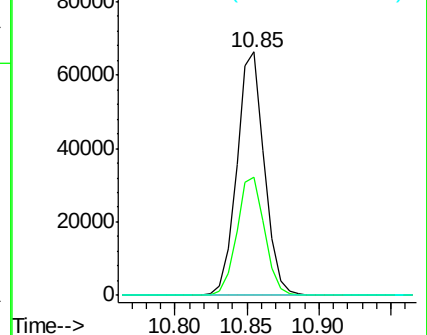
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

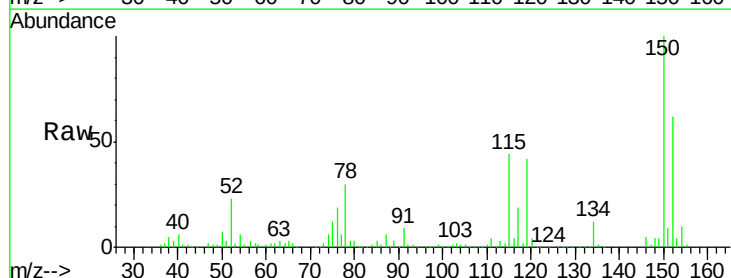
Tgt Ion:152 Resp: 149118

Ion Ratio Lower Upper

152 100

115 91.8 44.1 132.3

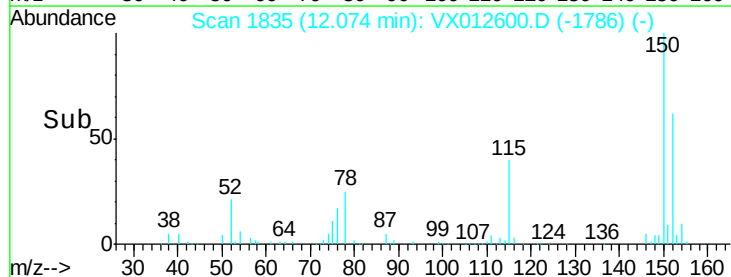
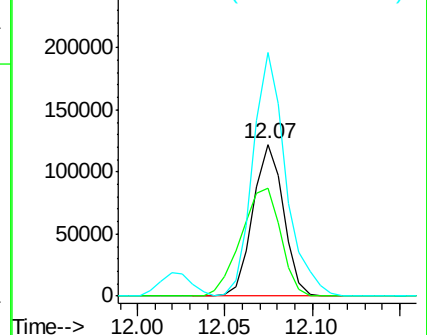
150 173.3 0.0 343.8

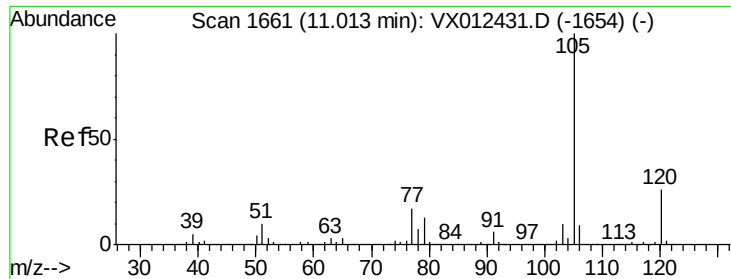


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.248 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 105 Resp: 598129

Ion Ratio Lower Upper

105 100

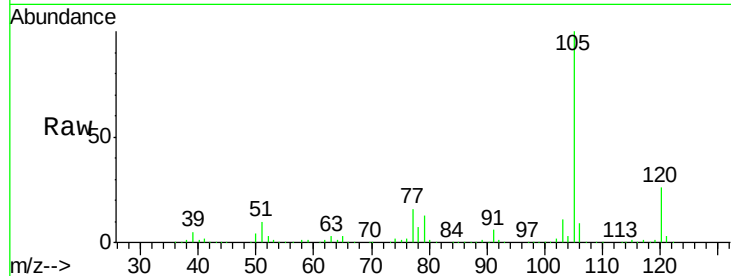
120 25.7 12.9 38.7

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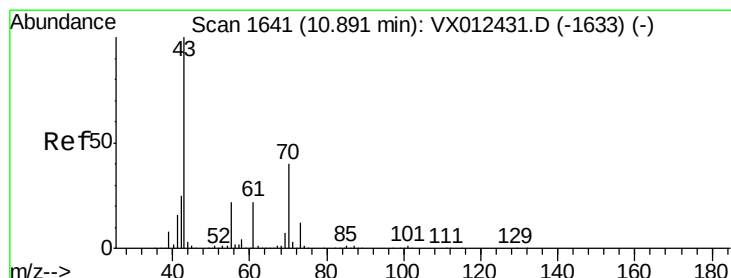
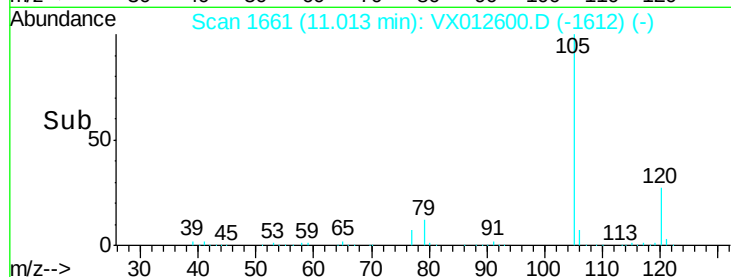
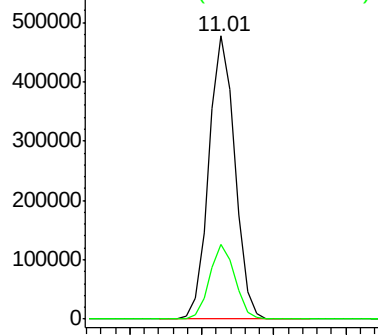
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.054 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion: 43 Resp: 284221

Ion Ratio Lower Upper

43 100

70 42.5 32.4 48.6

55 23.4 18.2 27.4

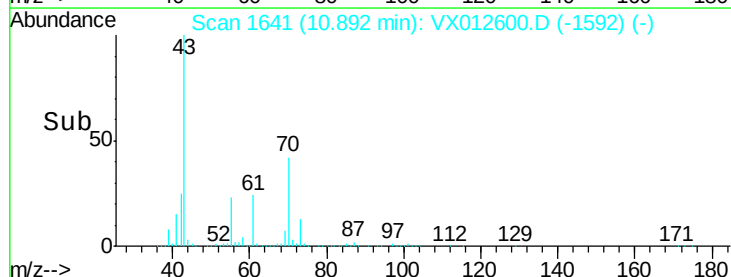
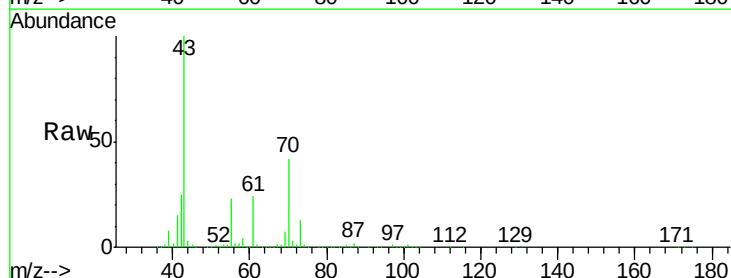
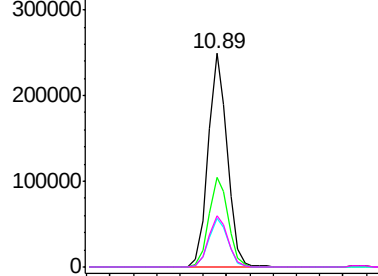
61 24.4 18.5 27.7

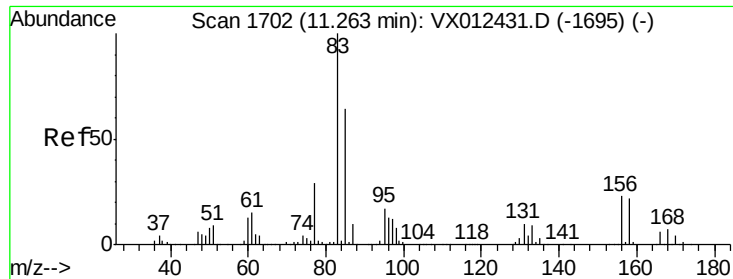
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.830 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

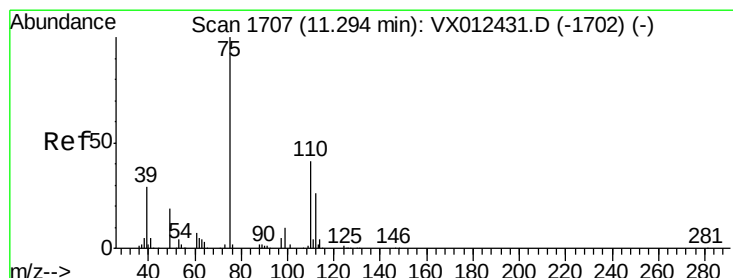
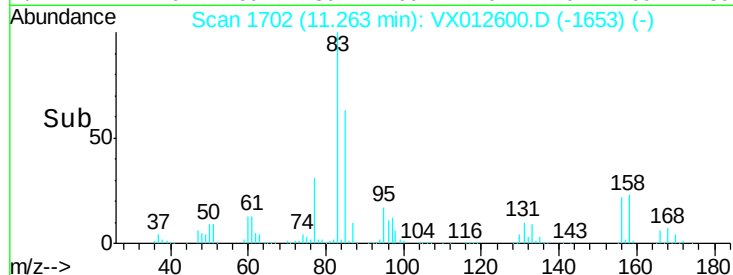
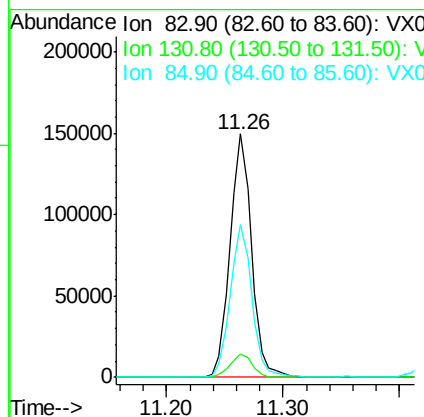
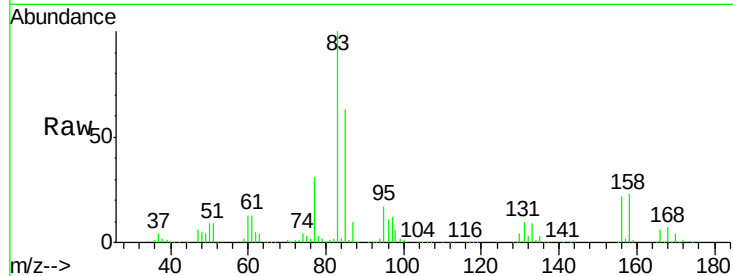
ClientSampleId :

ICVVX092319

Tot Ion:	83	Resp:	192385
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	63.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 46.827 ug/l m

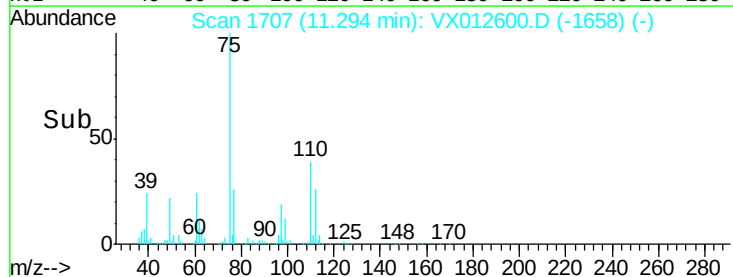
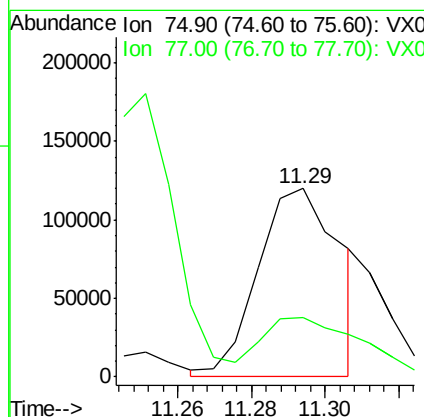
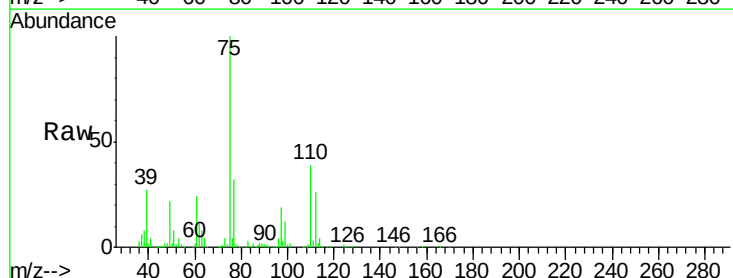
RT: 11.29 min Scan# 1707

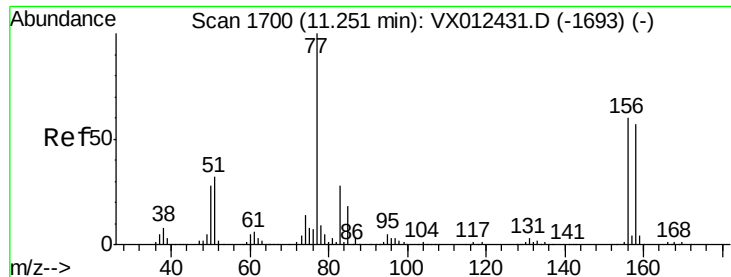
Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion:	75	Resp:	184710
Ion Ratio	Lower	Upper	
75	100		
77	38.6	19.7	59.0





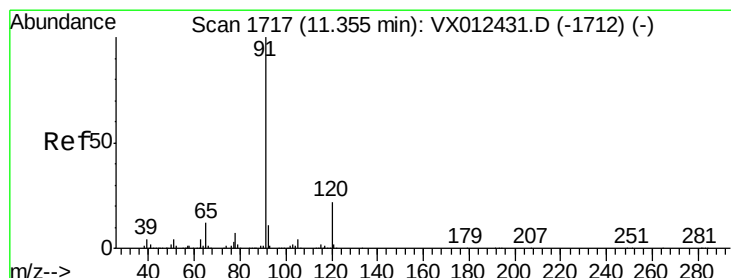
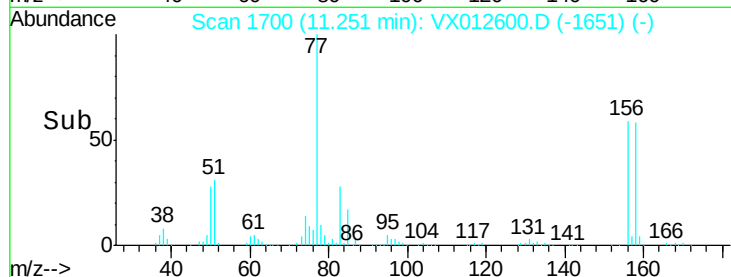
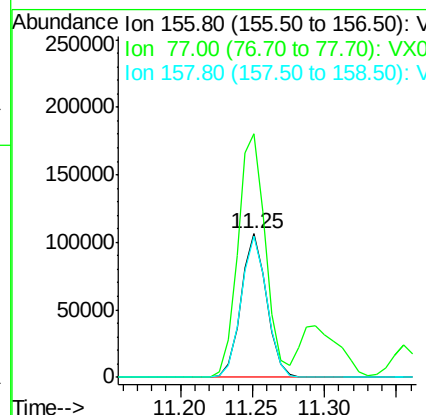
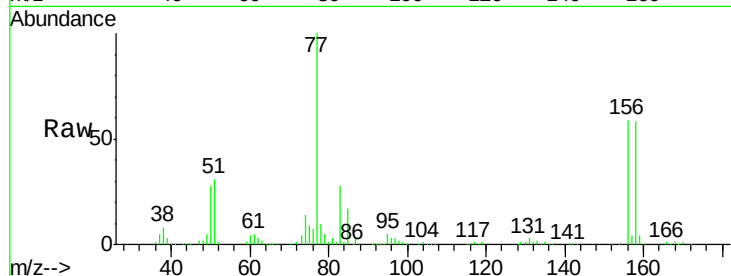
#77
Bromobenzene
Concen: 47.565 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.7	87.3	261.8
158	99.1	48.5	145.6

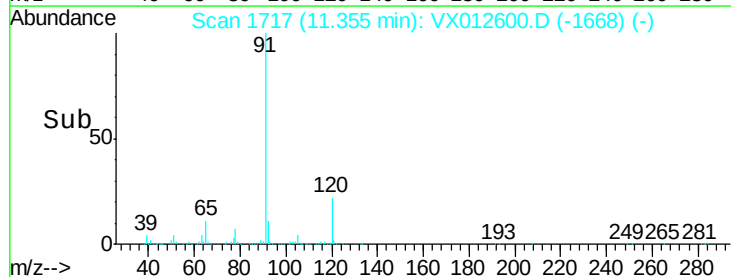
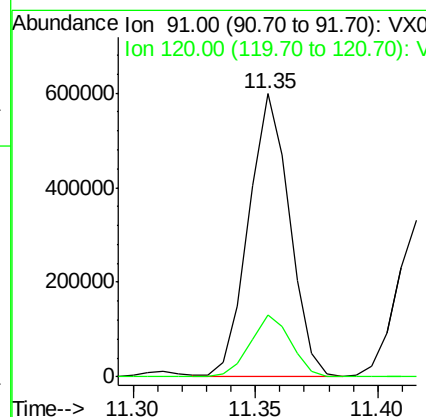
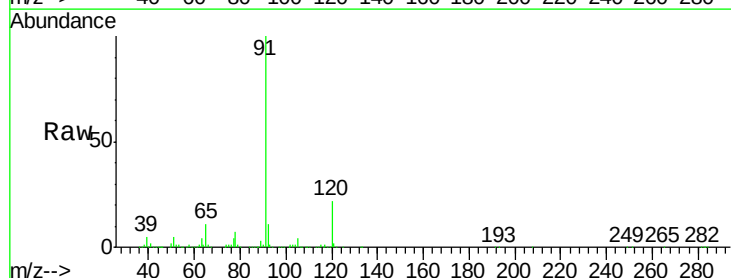
Manual Integrations
APPROVED

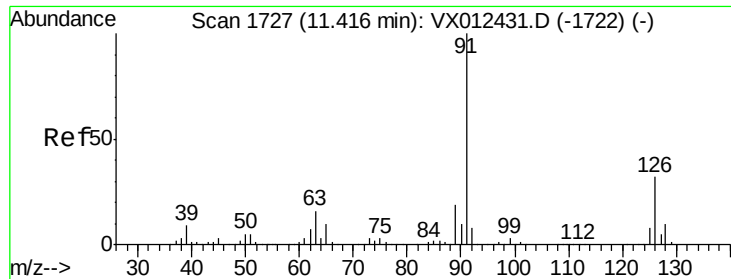
MMDadoda
9/24/2019 10:06:10 AM



#78
n-propylbenzene
Concen: 50.968 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 47.976 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVVX092319

Tot Ion: 91 Resp: 409223

Ion Ratio Lower Upper

91 100

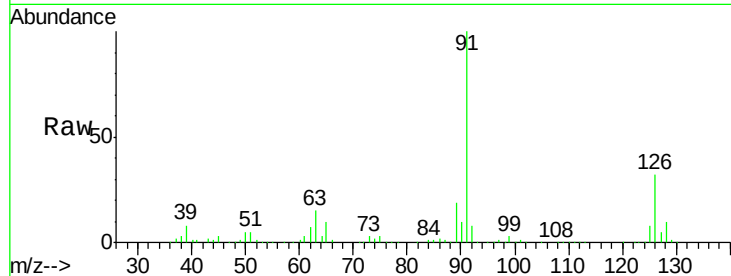
126 31.9 16.4 49.4

Manual Integrations

APPROVED

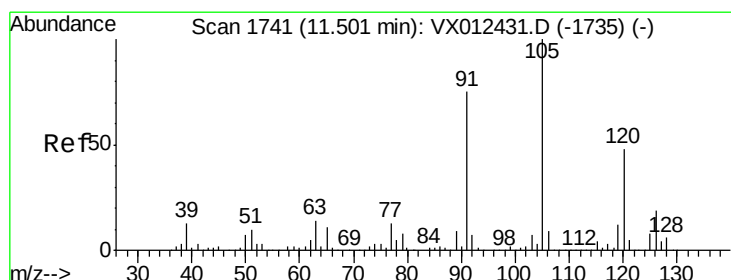
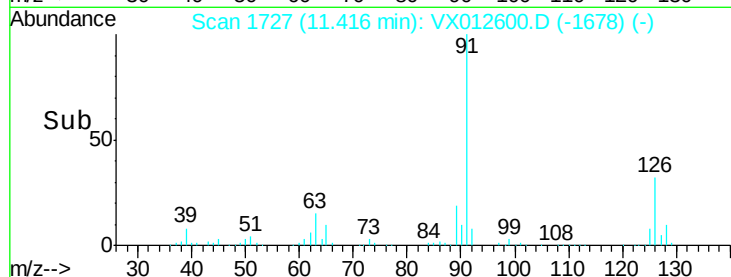
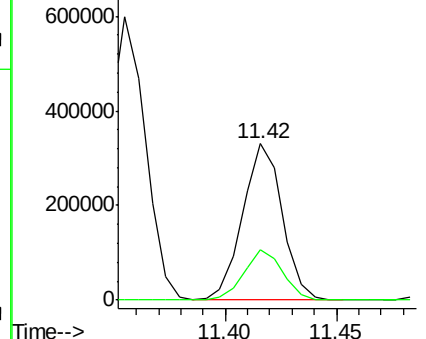
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.568 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012600.D

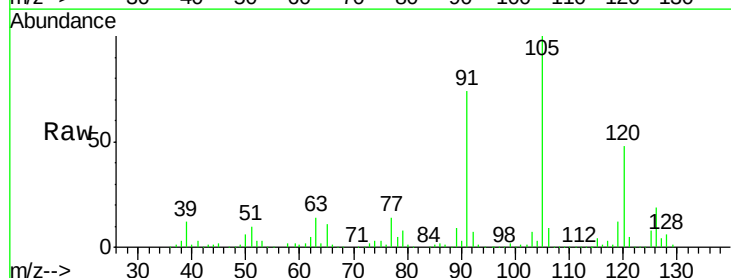
Acq: 23 Sep 2019 12:55

Tgt Ion:105 Resp: 504834

Ion Ratio Lower Upper

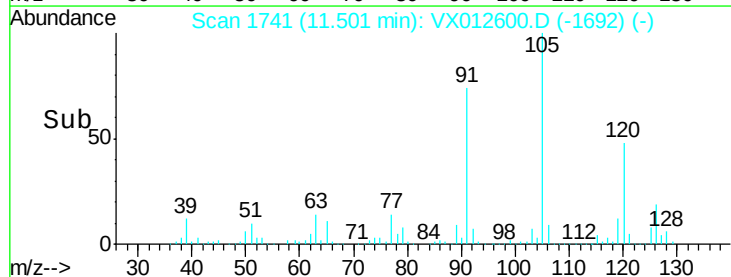
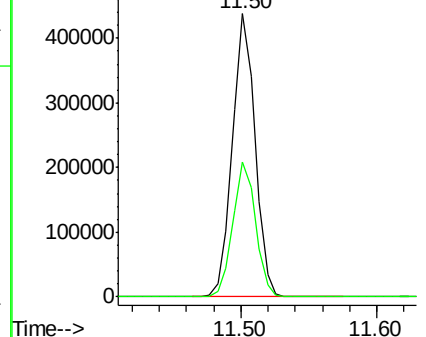
105 100

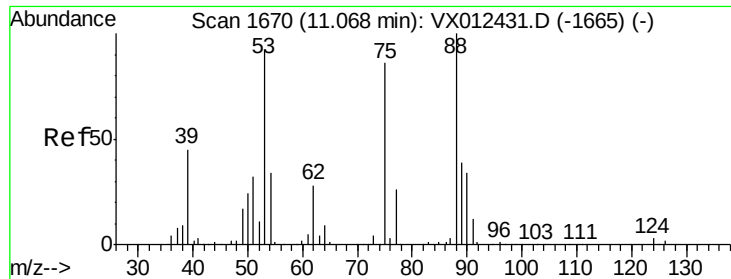
120 47.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.618 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

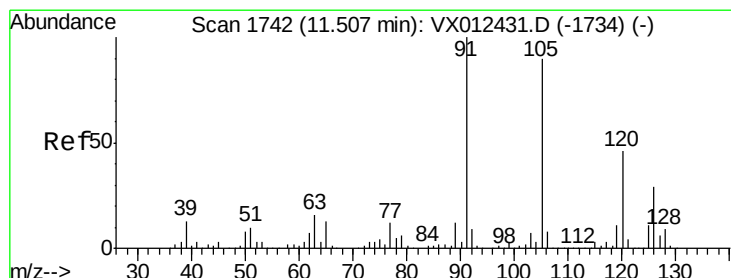
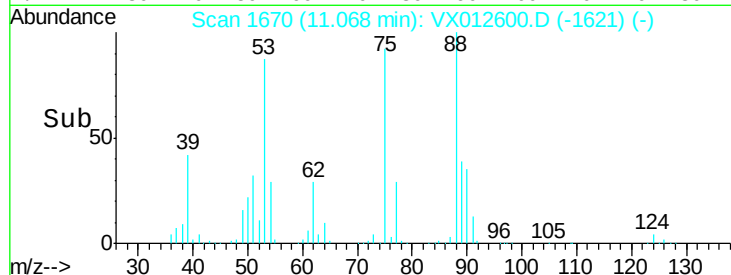
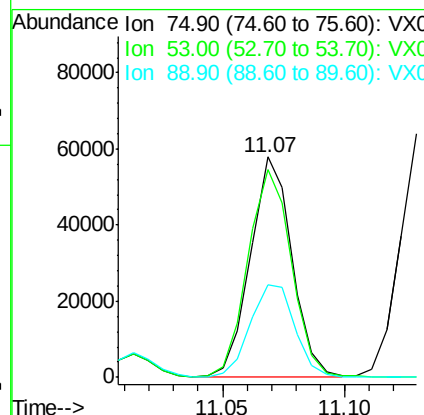
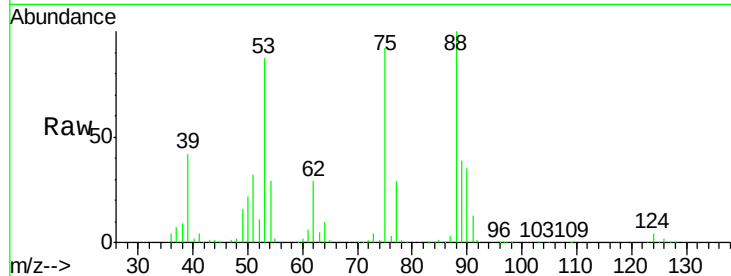
ClientSampleId :

ICVVX092319

Tot Ion:	75	Resp:	68296
Ion Ratio	Lower	Upper	
75	100		
53	98.9	83.6	125.4
89	45.5	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.169 ug/l

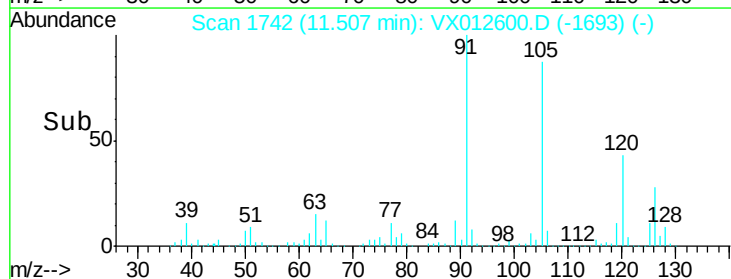
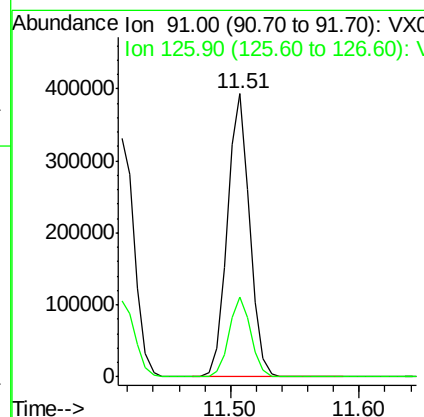
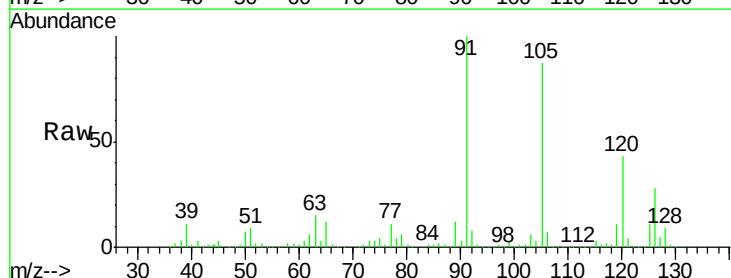
RT: 11.51 min Scan# 1742

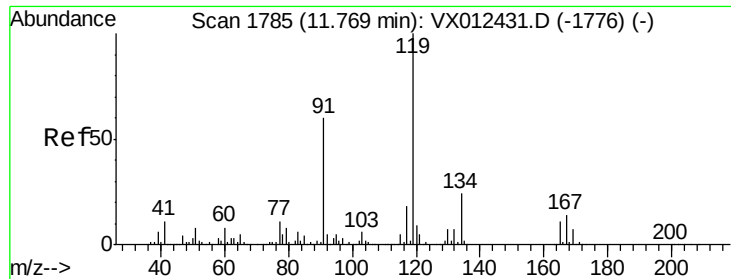
Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Tgt Ion:	91	Resp:	478096
Ion Ratio	Lower	Upper	
91	100		
126	27.8	14.4	43.0





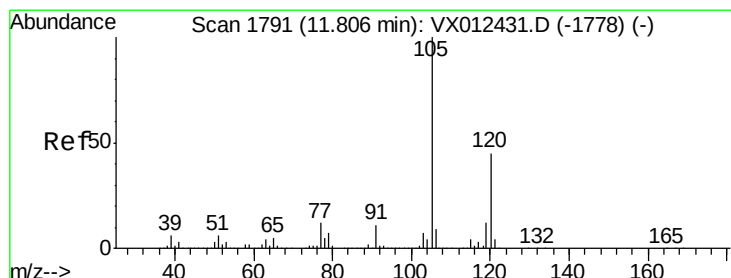
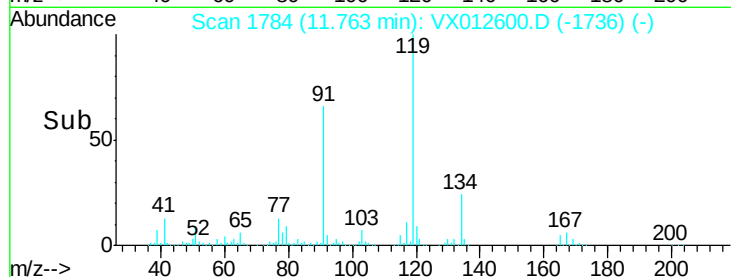
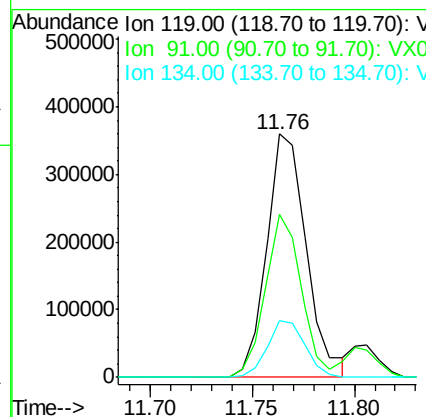
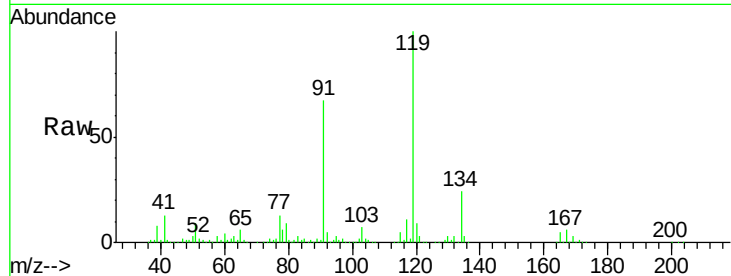
#83
 tert-Butylbenzene
 Concen: 49.779 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
119	100	489059		
91	60.6	30.0	90.0	
134	22.4	11.3	33.9	

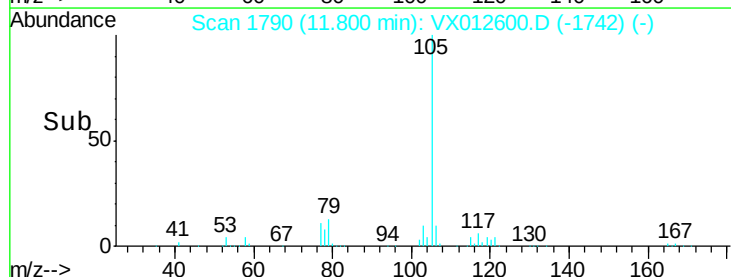
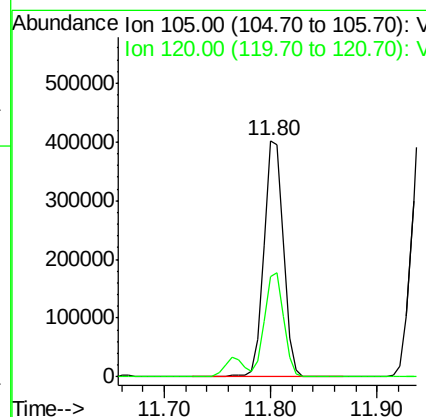
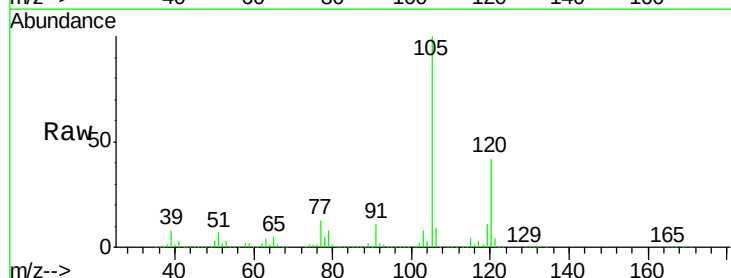
Manual Integrations
 APPROVED

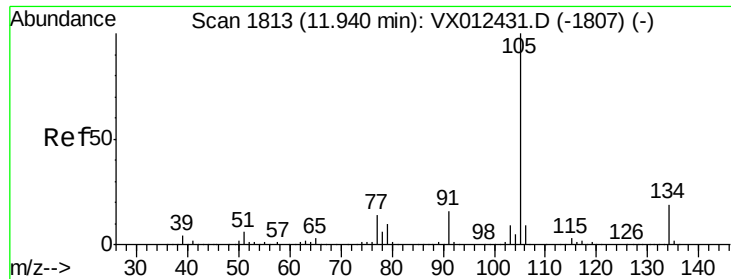
MMDadoda
 9/24/2019 10:06:10 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.380 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	517614		
120	43.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 50.906 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

ICVX092319

Tot Ion:105 Resp: 581704

Ion Ratio Lower Upper

105 100

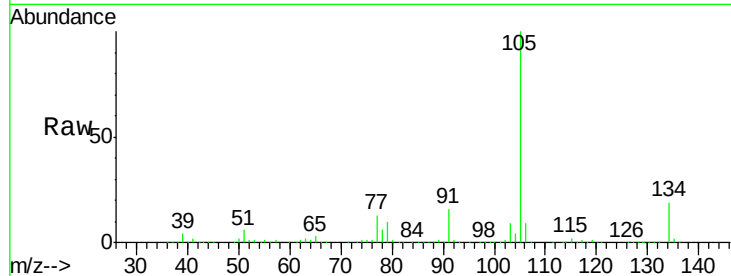
134 19.6 9.8 29.4

Manual Integrations

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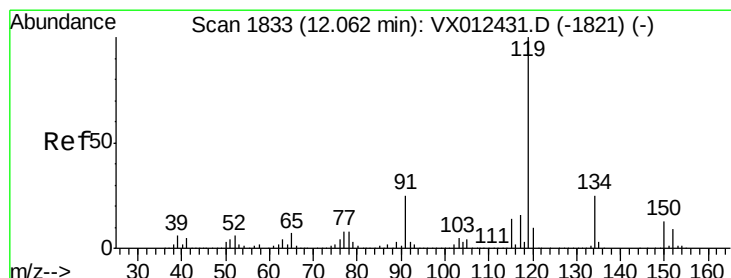
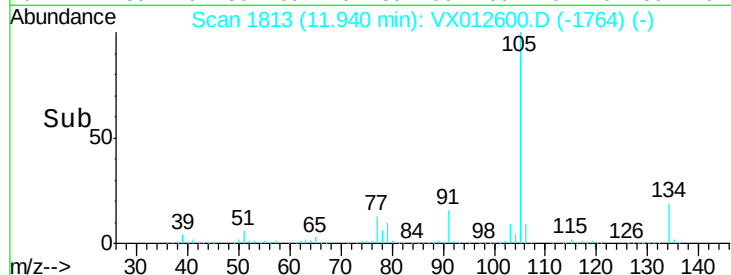
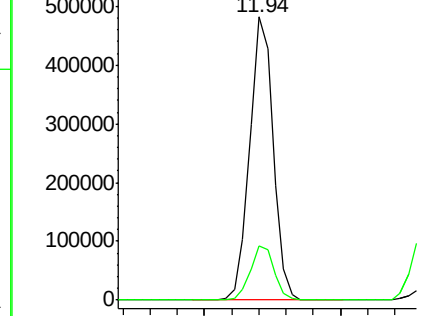
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.382 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012600.D

Acq: 23 Sep 2019 12:55

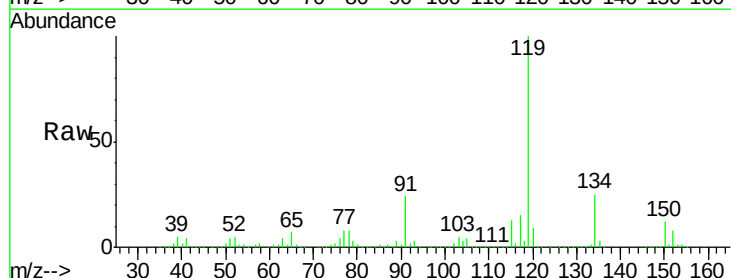
Tgt Ion:119 Resp: 540101

Ion Ratio Lower Upper

119 100

134 24.7 12.7 38.1

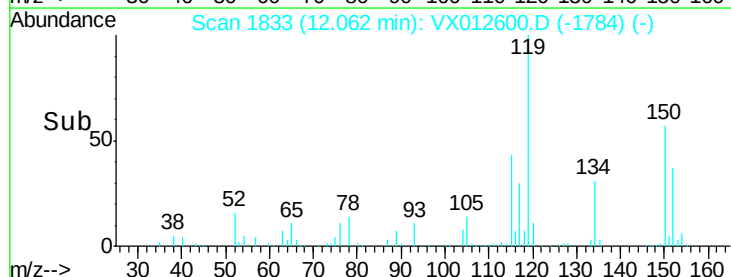
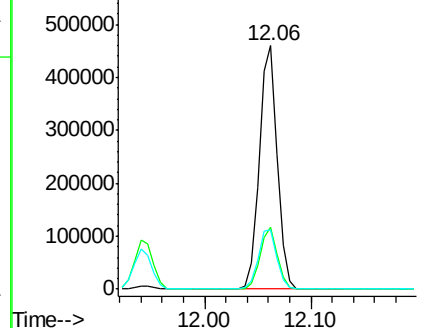
91 25.5 12.8 38.4

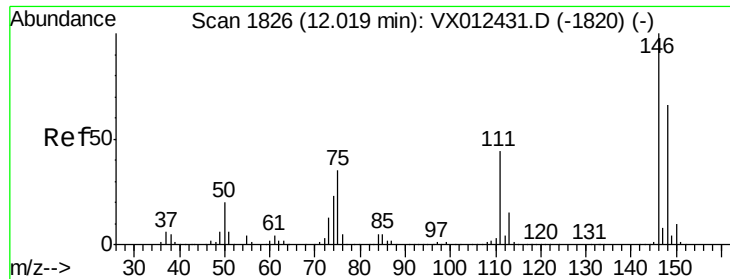


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





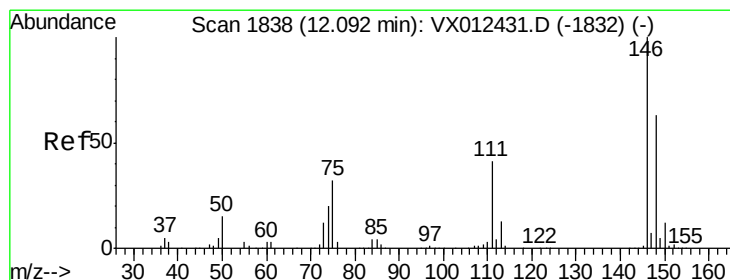
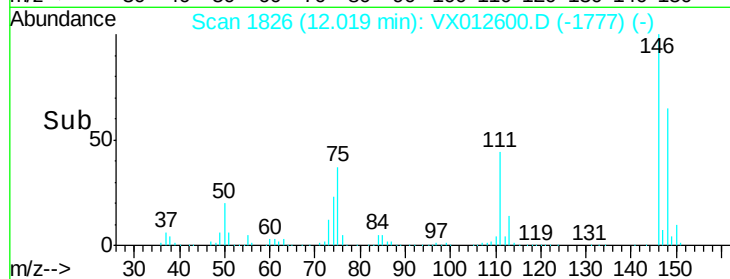
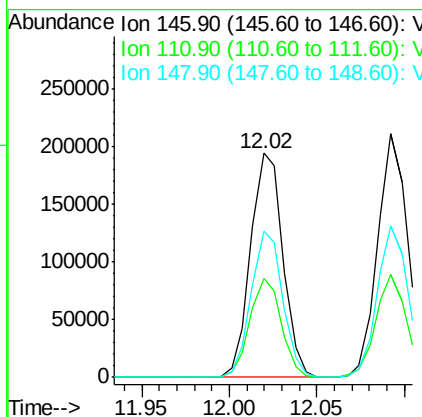
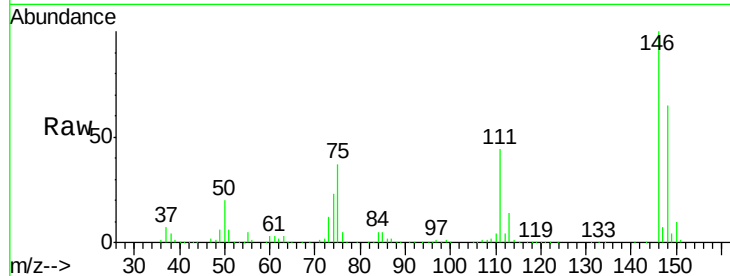
#87
 1,3-Dichlorobenzene
 Concen: 50.452 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	64.0
148	63.8	32.4	97.2

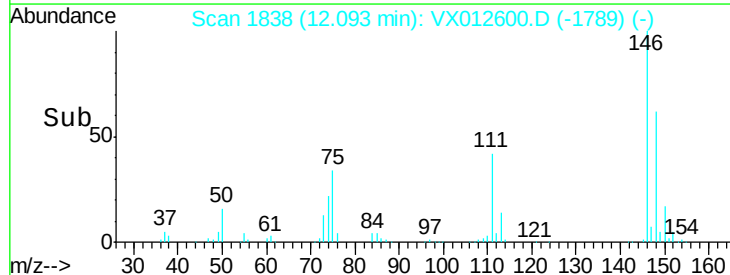
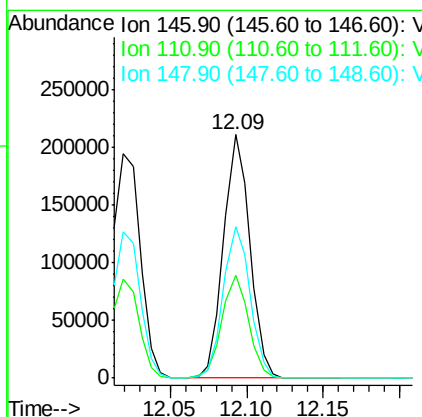
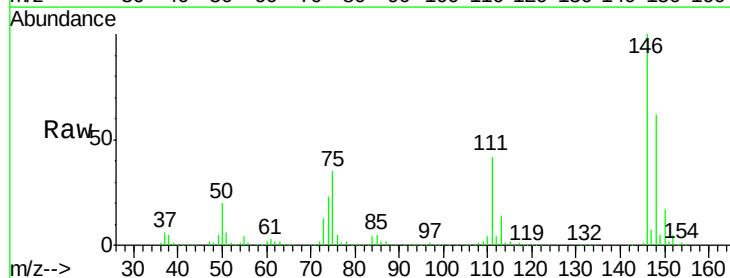
Manual Integrations
 APPROVED

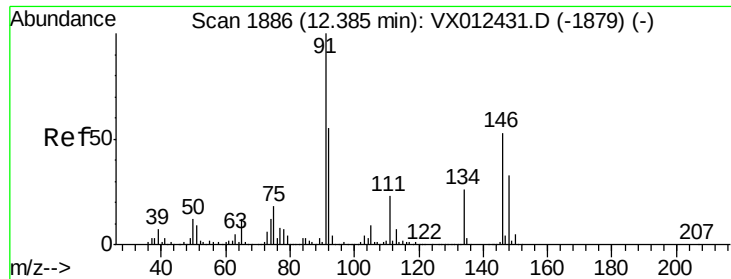
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#88
 1,4-Dichlorobenzene
 Concen: 50.370 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.3
148	63.7	32.1	96.5





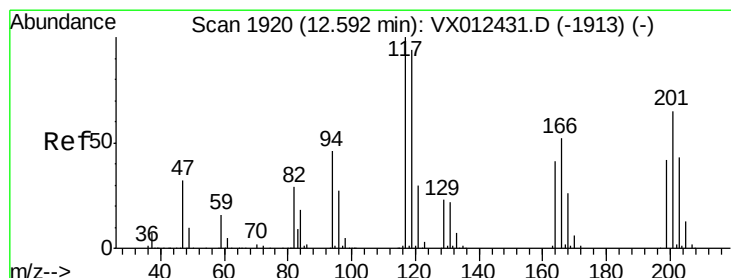
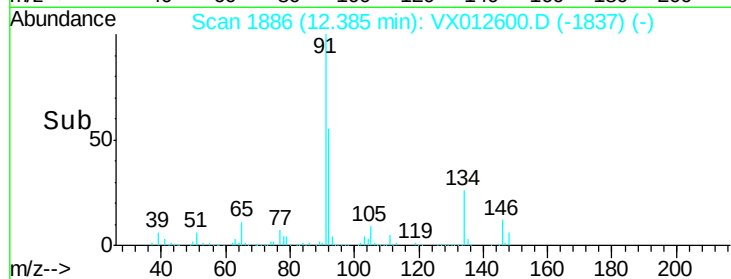
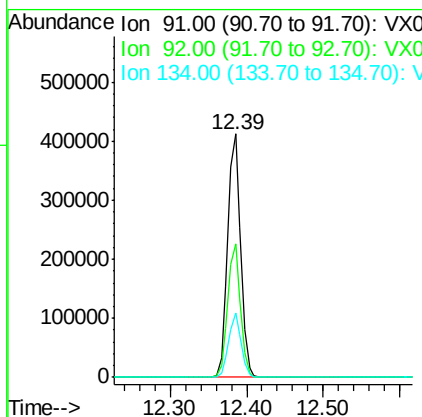
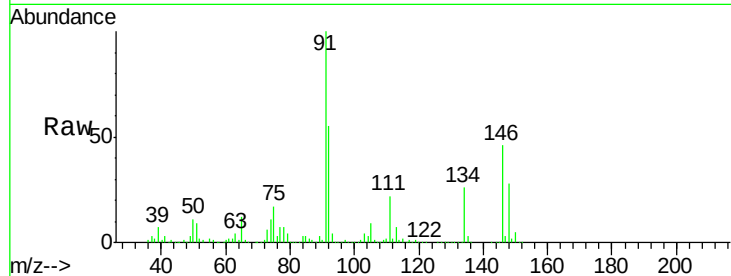
#89
n-Butylbenzene
Concen: 53.126 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
91	100	482687		
92	53.7		27.7	83.0
134	25.2		12.9	38.6

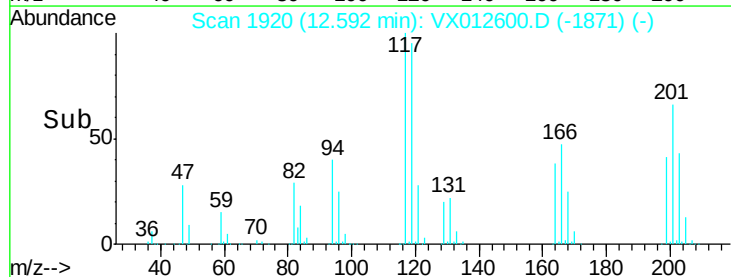
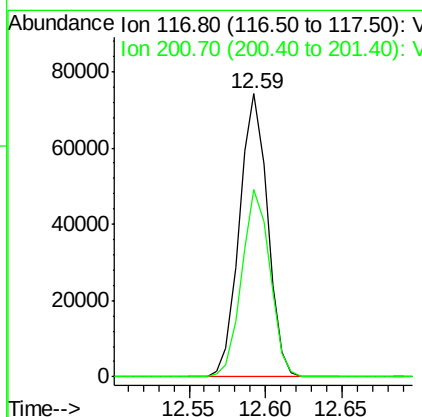
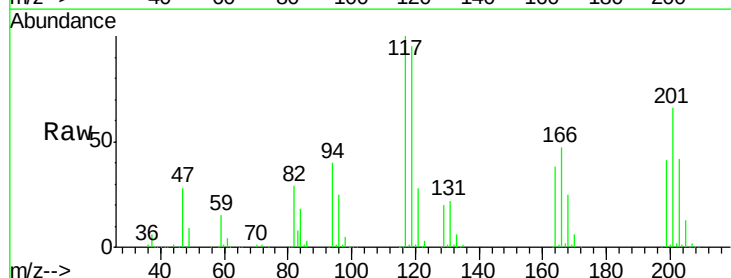
Manual Integrations
APPROVED

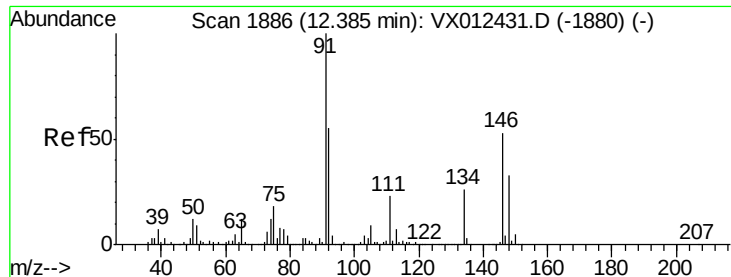
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#90
Hexachloroethane
Concen: 51.501 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	94671		
201	66.5		33.3	99.8





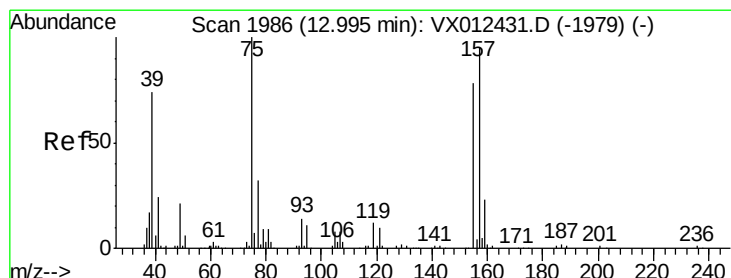
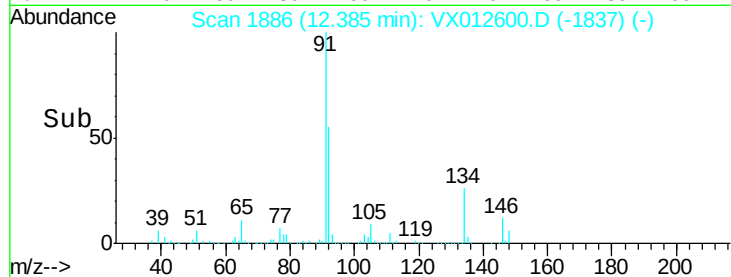
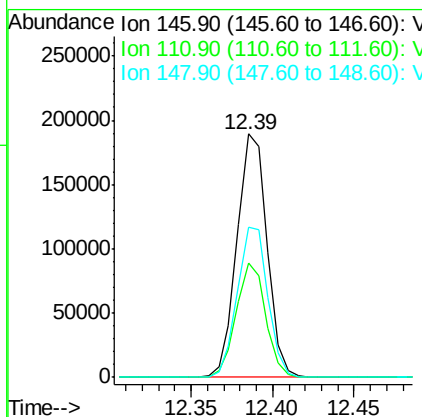
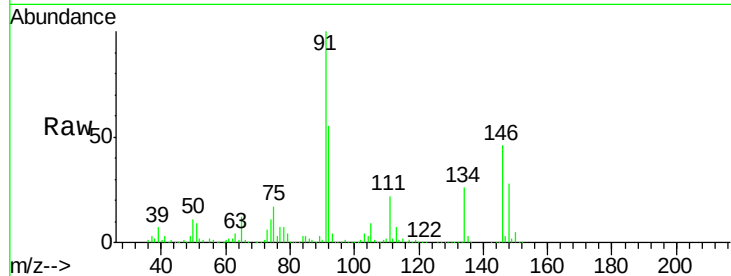
#91
 1,2-Dichlorobenzene
 Concen: 49.179 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.1	66.1
148	63.1	31.3	93.9

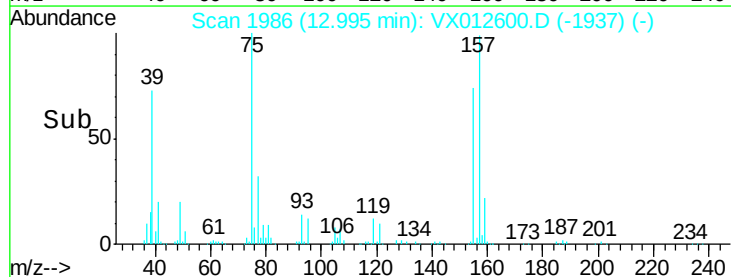
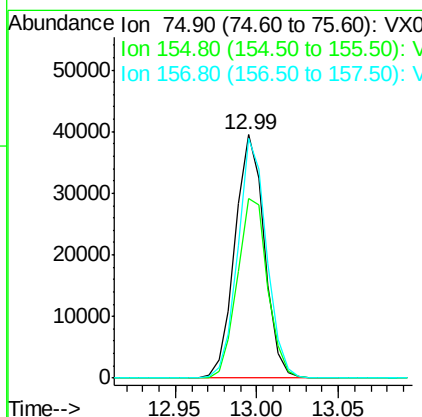
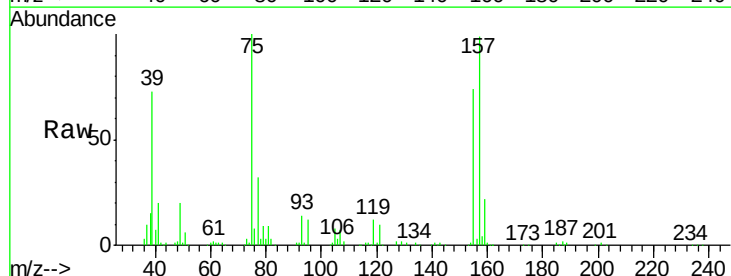
Manual Integrations
 APPROVED

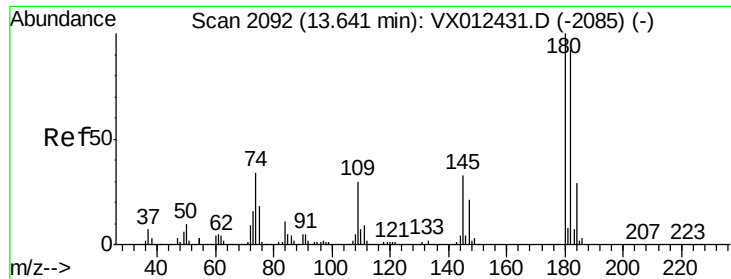
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.045 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.5	38.6	115.8
157	96.6	50.6	151.9





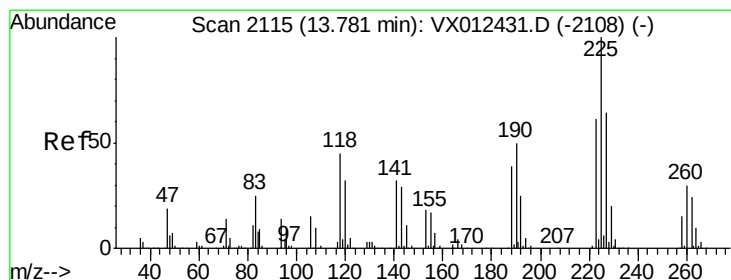
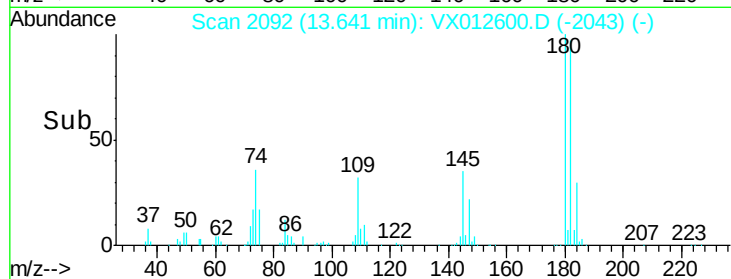
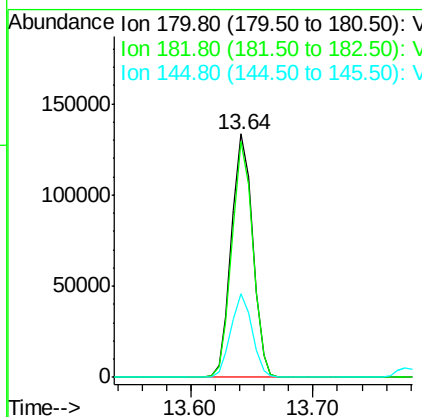
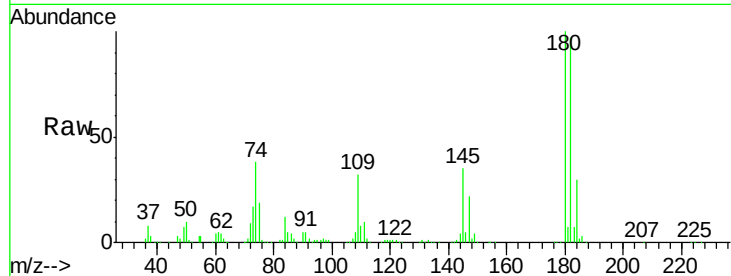
#93
 1,2,4-Trichlorobenzene
 Concen: 53.033 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX092319

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160174		
182	95.2	47.0	141.0	
145	34.3	16.8	50.4	

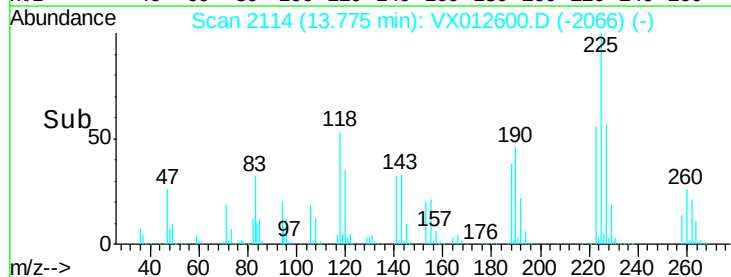
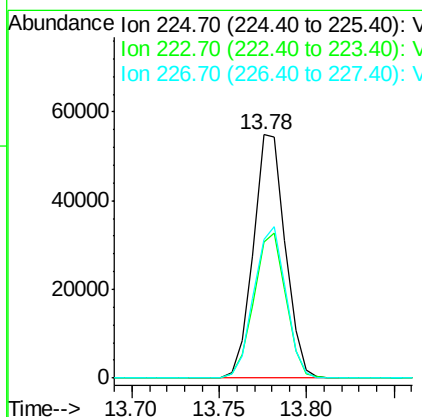
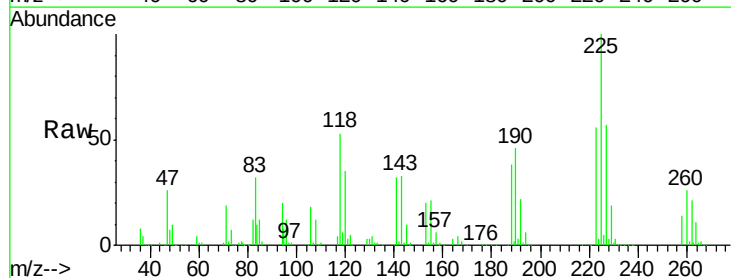
Manual Integrations
 APPROVED

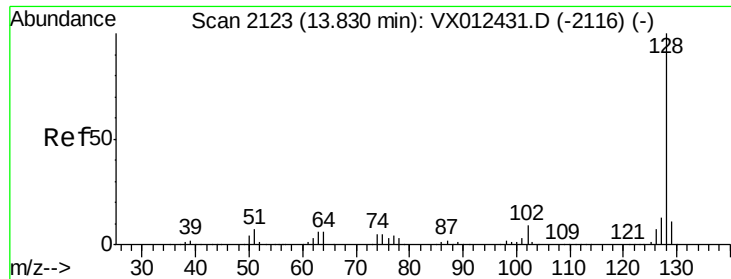
MMDadoda
 9/24/2019 10:06:10 AM



#94
 Hexachlorobutadiene
 Concen: 53.636 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012600.D
 Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69690		
223	59.6	32.0	96.2	
227	62.1	31.9	95.5	





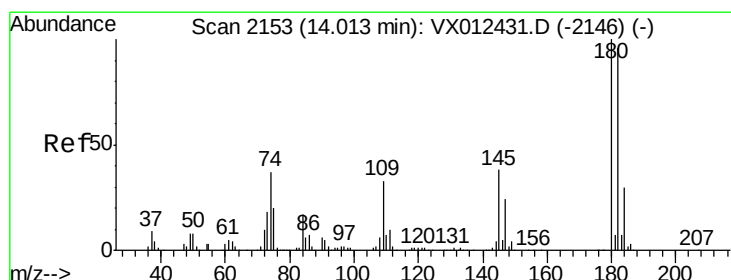
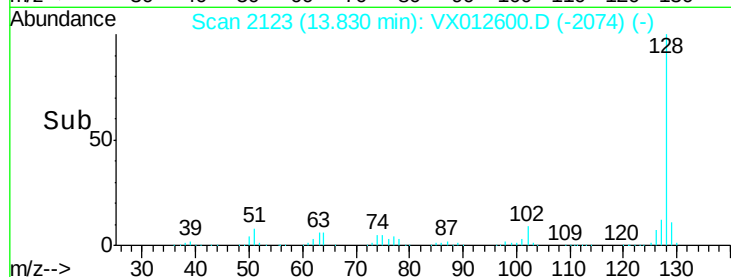
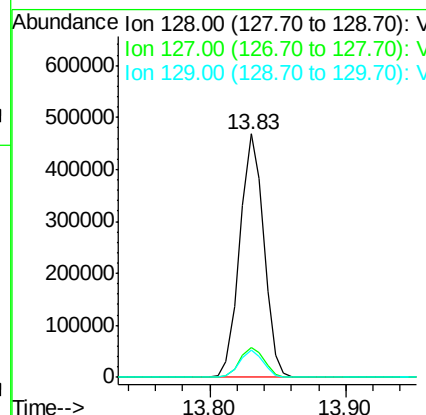
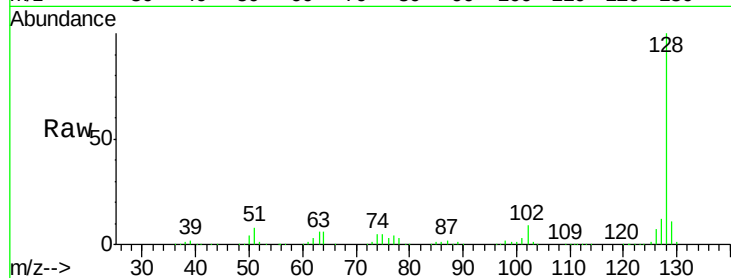
#95
Naphthalene
Concen: 52.804 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
ICVVX092319

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

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:06:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.662 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012600.D
Acq: 23 Sep 2019 12:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.1	141.3
145	37.5	18.0	54.0

