

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012460.D
 Acq On : 18 Sep 2019 02:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:21:57 AM

Quant Time: Sep 18 05:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	191847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	132817	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	97204	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	357942	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	149586	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64065	50.052	ug/l	97
3) Chloromethane	1.32	50	52100	49.397	ug/l	98
4) Vinyl Chloride	1.40	62	59200	51.931	ug/l	99
5) Bromomethane	1.63	94	22746	50.788	ug/l	97
6) Chloroethane	1.71	64	39783	44.597	ug/l	98
7) Trichlorofluoromethane	1.92	101	110587	52.920	ug/l	97
8) Diethyl Ether	2.18	74	46112	48.854	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78766	52.095	ug/l	99
10) Methyl Iodide	2.50	142	53169	41.780	ug/l	97
11) Tert butyl alcohol	3.03	59	152590	218.091	ug/l	100
12) 1,1-Dichloroethene	2.36	96	63228	52.421	ug/l	95
13) Acrolein	2.28	56	30647	126.103	ug/l	96
14) Allyl chloride	2.72	41	137301	48.895	ug/l	99
15) Acrylonitrile	3.13	53	296221	248.615	ug/l	99
16) Acetone	2.43	43	274309	217.300	ug/l	98
17) Carbon Disulfide	2.56	76	79774	46.883	ug/l	99
18) Methyl Acetate	2.76	43	156370	54.577	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330712	50.288	ug/l	100
20) Methylene Chloride	2.84	84	82696	49.696	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67464	53.863	ug/l	97
22) Diisopropyl ether	3.84	45	332979	50.644	ug/l	99
23) Vinyl Acetate	3.80	43	1288332	238.201	ug/l	99
24) 1,1-Dichloroethane	3.69	63	165003	52.451	ug/l	99
25) 2-Butanone	4.66	43	437643	229.461	ug/l	99
26) 2,2-Dichloropropane	4.57	77	111305	35.976	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	97319	52.013	ug/l	93
28) Bromochloromethane	5.00	49	83437	51.447	ug/l	97
29) Tetrahydrofuran	5.11	42	265086	251.589	ug/l	99
30) Chloroform	5.20	83	181289	50.178	ug/l	97
31) Cyclohexane	5.57	56	99385	52.335	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	156511	51.831	ug/l	100
36) 1,1-Dichloropropene	5.79	75	101026	49.977	ug/l	98
37) Ethyl Acetate	4.82	43	159830	51.510	ug/l	99
38) Carbon Tetrachloride	5.78	117	126247	50.215	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101880	51.845	ug/l	98
40) Benzene	6.14	78	328188	51.055	ug/l	99
41) Methacrylonitrile	5.03	41	93363	46.729	ug/l	98
42) 1,2-Dichloroethane	6.18	62	147399	49.439	ug/l	100
43) Isopropyl Acetate	6.43	43	268960	48.295	ug/l	99
44) Trichloroethene	7.20	130	90853	53.730	ug/l	96
45) 1,2-Dichloropropane	7.51	63	98907	50.083	ug/l	96
46) Dibromomethane	7.65	93	63911	50.009	ug/l	100
47) Bromodichloromethane	7.89	83	146151	51.361	ug/l	99
48) Methyl methacrylate	7.76	41	129071	49.165	ug/l	99
49) 1,4-Dioxane	7.73	88	54369	850.929	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	872010	238.763	ug/l	98
52) Toluene	8.78	92	214022	51.670	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145336	49.134	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150987	49.305	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106040	49.691	ug/l	98
56) Ethyl methacrylate	9.17	69	164556	49.321	ug/l	98
57) 1,3-Dichloropropane	9.37	76	170025	49.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	442539	256.236	ug/l	100
59) 2-Hexanone	9.49	43	658243	231.017	ug/l	99
60) Dibromochloromethane	9.58	129	115799	53.273	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101096	51.872	ug/l	100
64) Tetrachloroethene	9.33	164	77556	55.841	ug/l	98
65) Chlorobenzene	10.14	112	246690	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	107292	51.678	ug/l	100
67) Ethyl Benzene	10.25	91	433967	50.493	ug/l	99
68) m/p-Xylenes	10.35	106	321727	102.883	ug/l	99
69) o-Xylene	10.70	106	162648	50.575	ug/l	98
70) Styrene	10.71	104	294867	51.822	ug/l	99
71) Bromoform	10.85	173	79634	44.861	ug/l #	97
73) Isopropylbenzene	11.01	105	462898	49.026	ug/l	100
74) N-amyl acetate	10.89	43	219768	43.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	173807	46.927	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163822m	47.393	ug/l	
77) Bromobenzene	11.25	156	112822	48.996	ug/l	99
78) n-propylbenzene	11.35	91	527467	50.123	ug/l	99
79) 2-Chlorotoluene	11.42	91	327666	47.862	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400284	49.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49364	39.874	ug/l	97
82) 4-Chlorotoluene	11.51	91	386805	49.230	ug/l	100
83) tert-Butylbenzene	11.77	119	413608	47.935	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	411800	49.807	ug/l	100
85) sec-Butylbenzene	11.94	105	473486	49.799	ug/l	99
86) p-Isopropyltoluene	12.06	119	437875	50.154	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	214353	49.486	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	215600	48.456	ug/l	99
89) n-Butylbenzene	12.39	91	386140	49.569	ug/l	99
90) Hexachloroethane	12.59	117	78709	49.167	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	221071	48.831	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45463	47.346	ug/l	98

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ClientSampleId :
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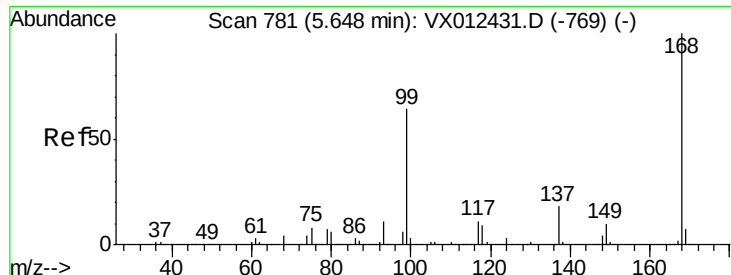
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152611	52.334	ug/l	99
94) Hexachlorobutadiene	13.78	225	66394	48.307	ug/l	99
95) Naphthalene	13.83	128	556582	53.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157796	53.102	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 191847

Ion Ratio Lower Upper

168 100

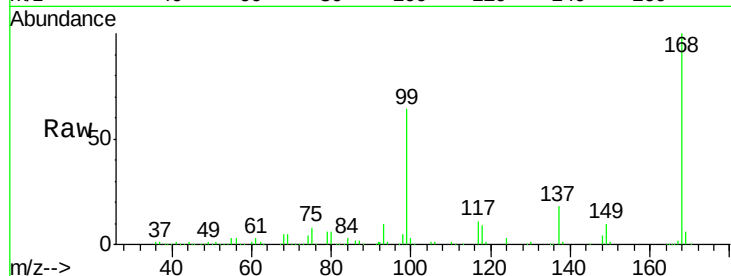
99 64.0 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

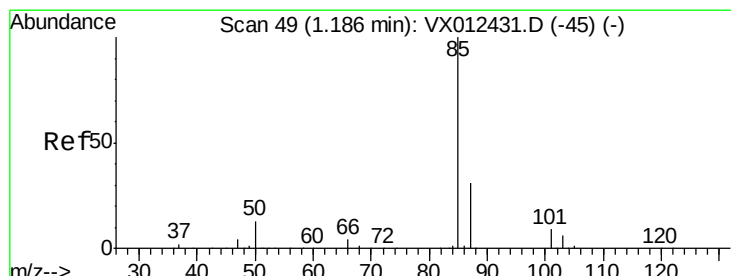
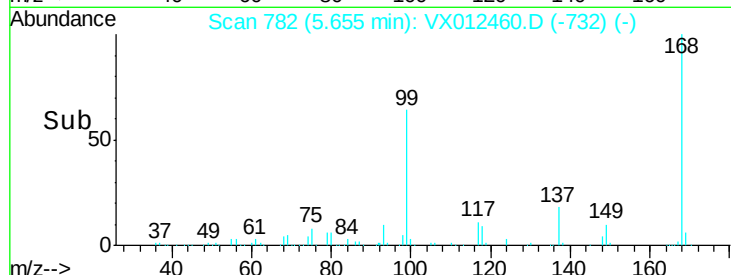
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.052 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012460.D

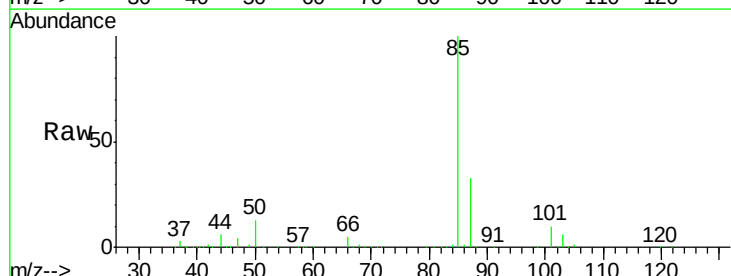
Acq: 18 Sep 2019 02:31

Tgt Ion: 85 Resp: 64065

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

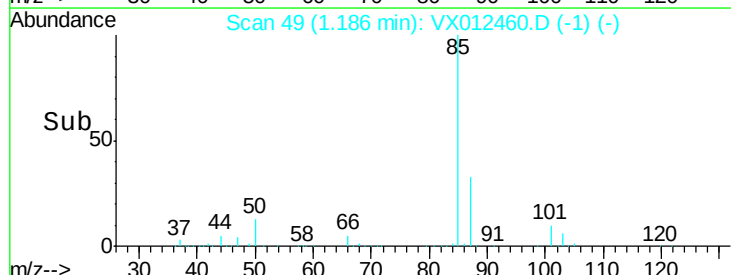
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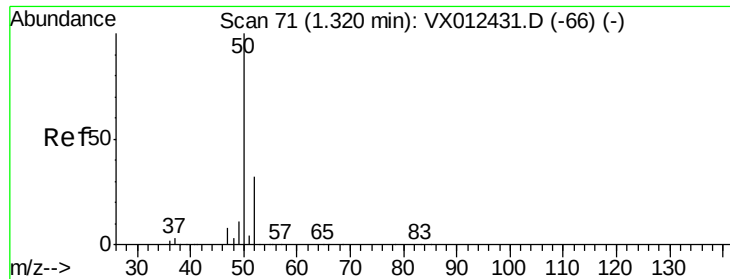
40000

20000

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Time-->





#3

Chloromethane

Concen: 49.397 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 52100

Ion Ratio Lower Upper

50 100

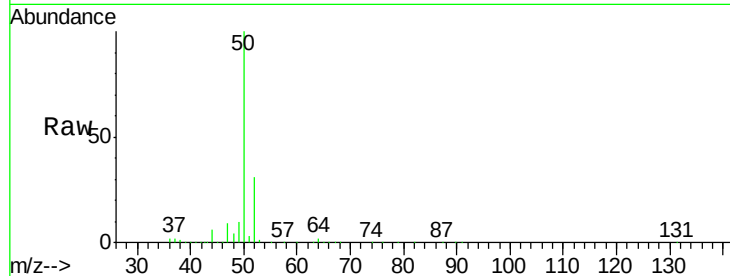
52 31.1 25.7 38.5

Manual Integrations

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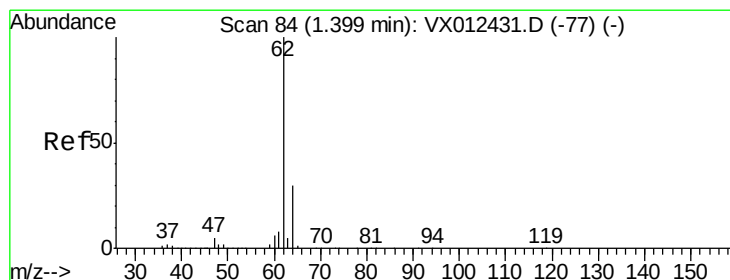
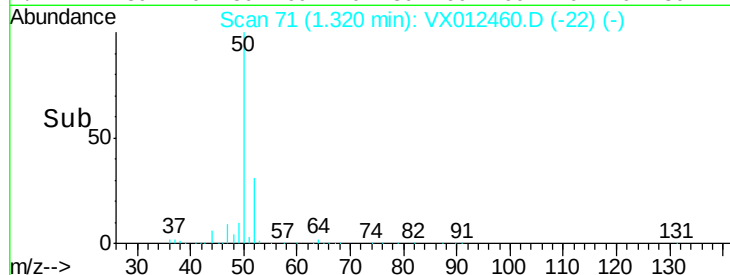
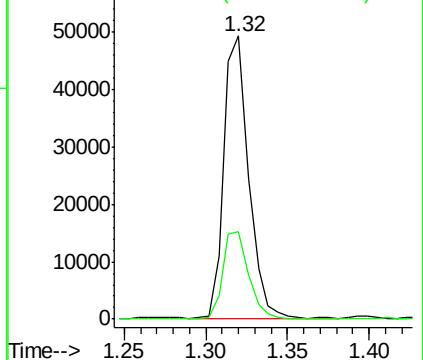
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.931 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012460.D

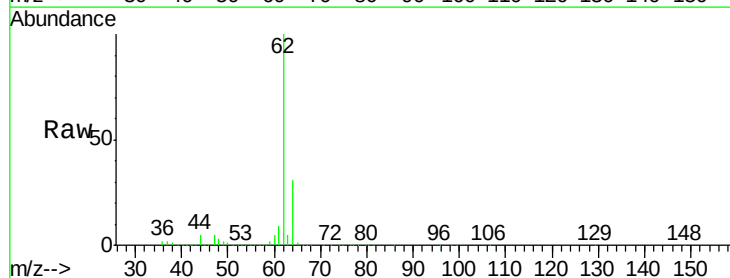
Acq: 18 Sep 2019 02:31

Tgt Ion: 62 Resp: 59200

Ion Ratio Lower Upper

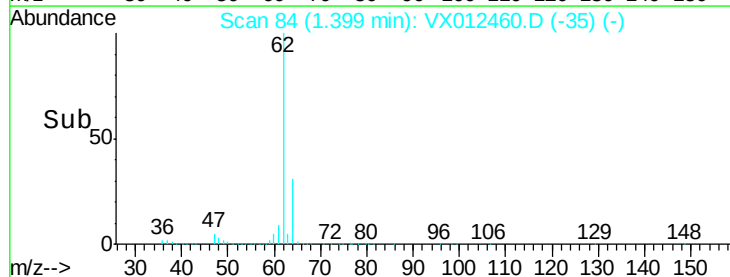
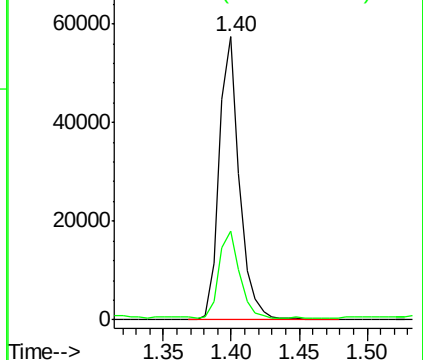
62 100

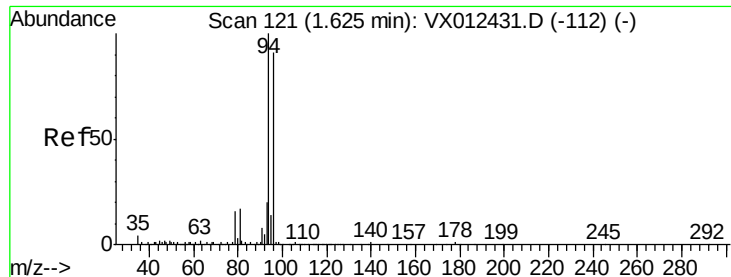
64 30.8 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.788 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 22746

Ion Ratio Lower Upper

94 100

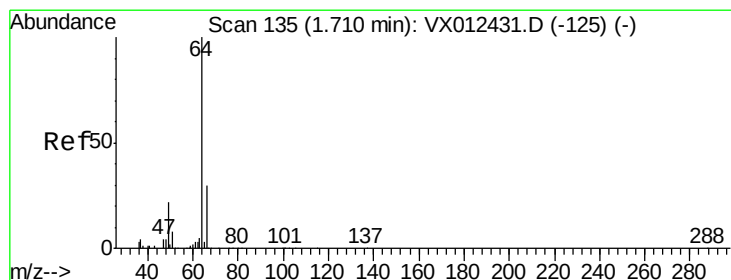
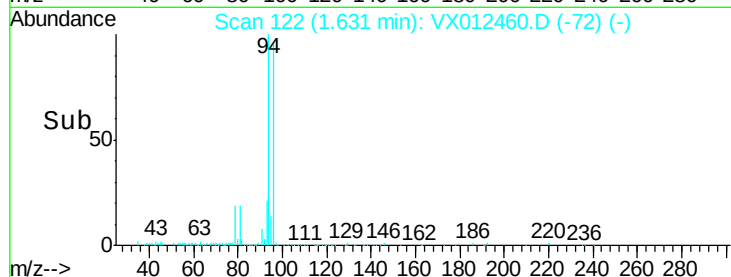
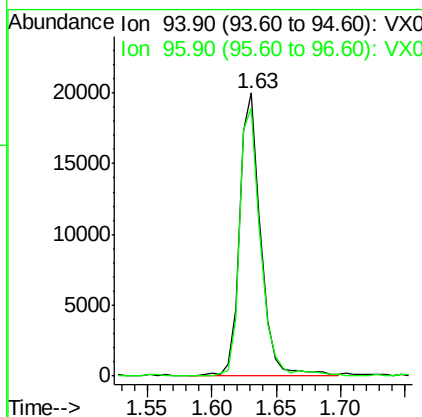
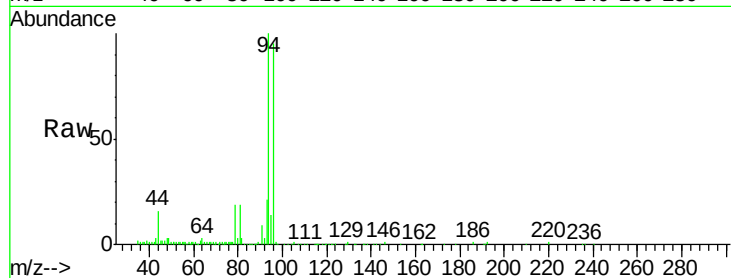
96 94.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 44.597 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012460.D

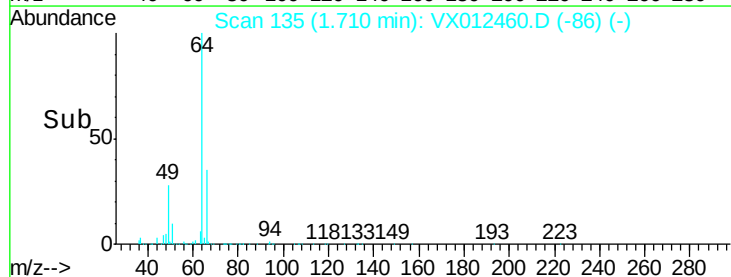
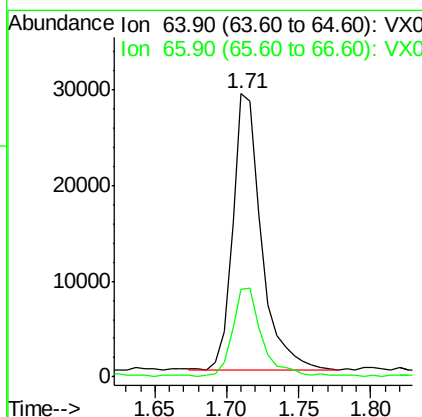
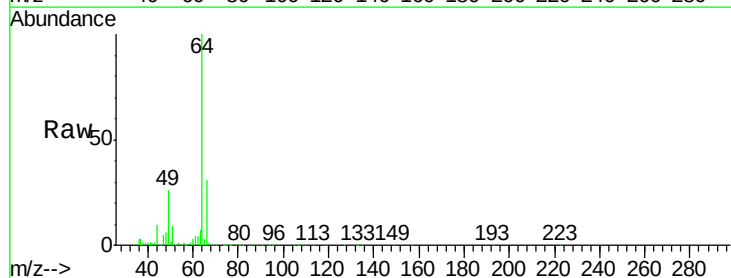
Acq: 18 Sep 2019 02:31

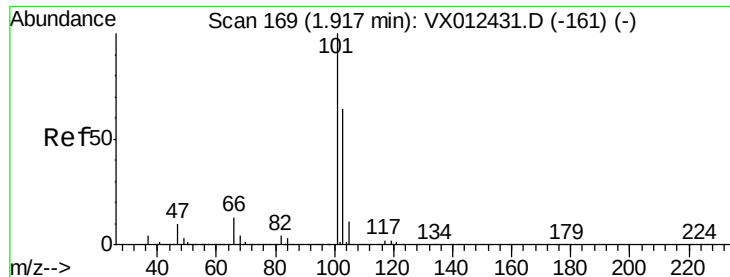
Tgt Ion: 64 Resp: 39783

Ion Ratio Lower Upper

64 100

66 31.2 24.0 36.0





#7

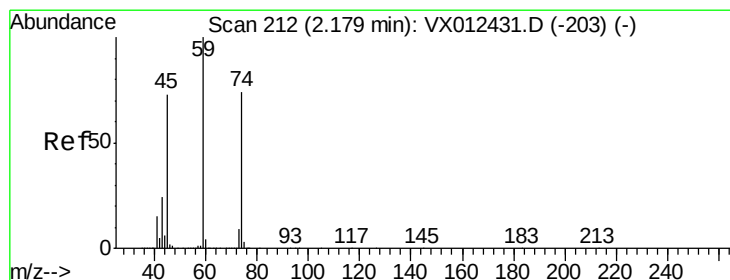
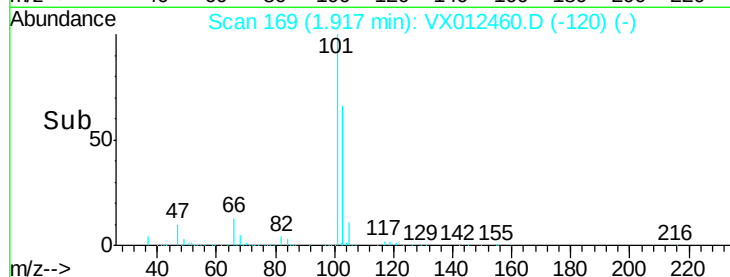
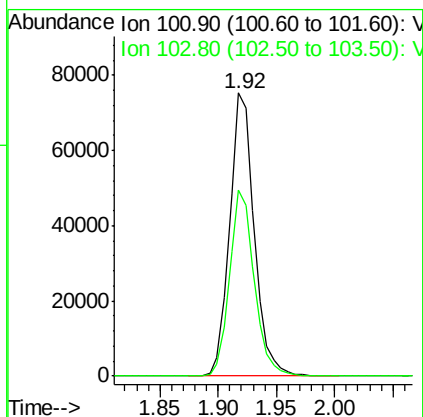
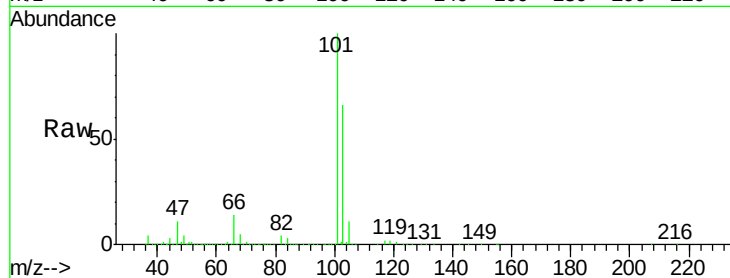
Trichlorofluoromethane
Concen: 52.920 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.0	76.4

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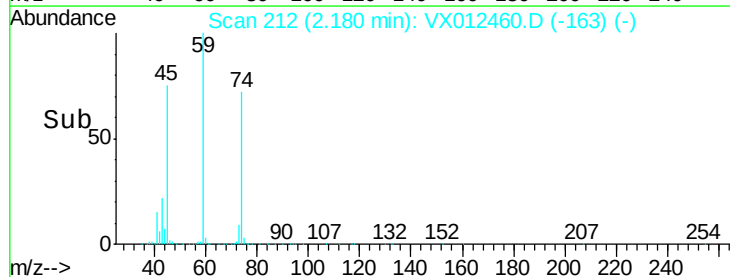
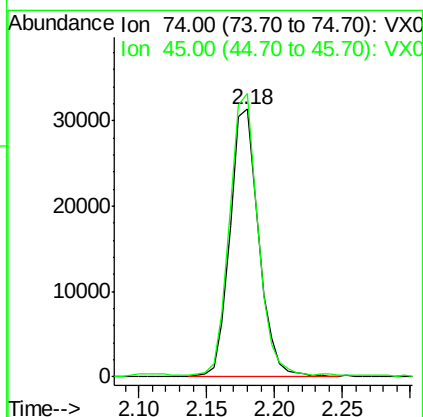
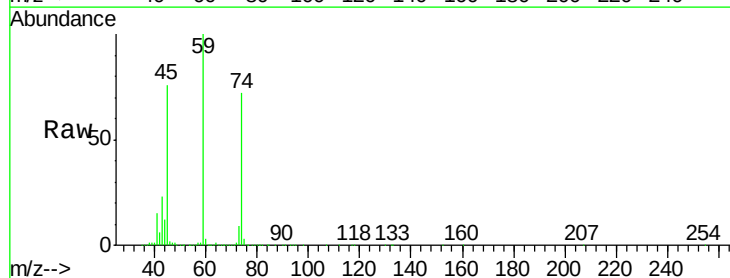
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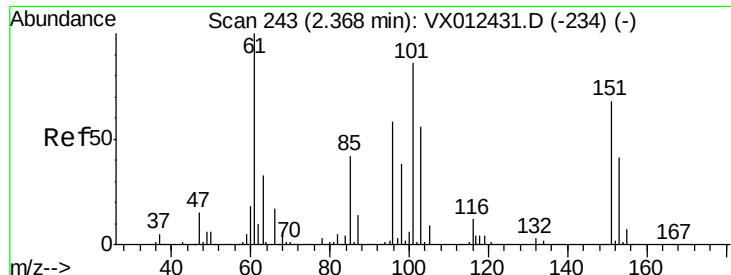


#8

Diethyl Ether
Concen: 48.854 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.095 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

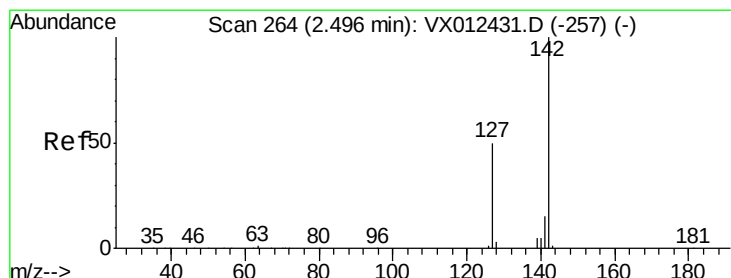
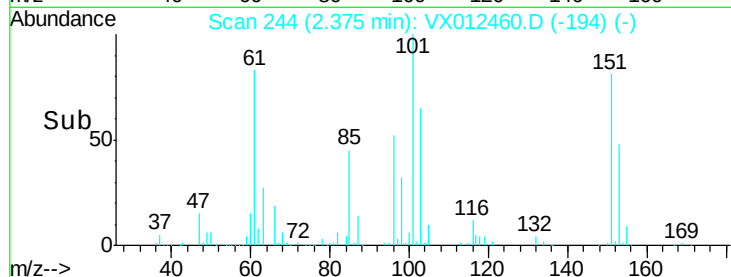
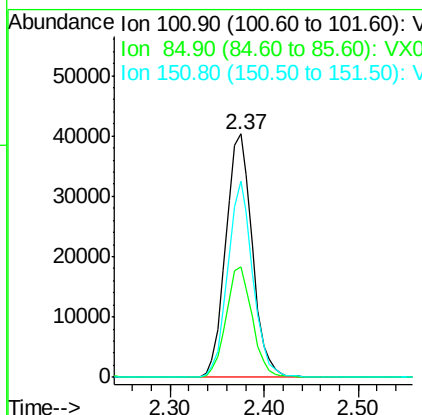
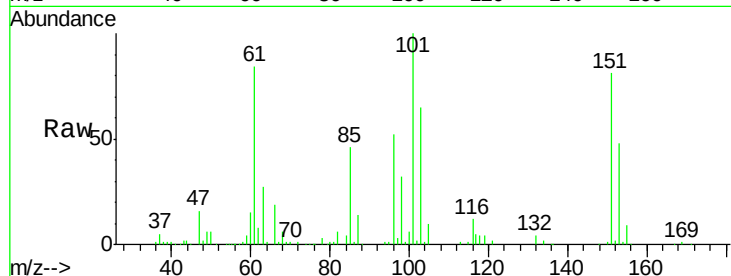
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	78766
Ion Ratio	Lower	Upper	
101	100		
85	44.9	37.3	55.9
151	76.3	61.0	91.4

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#10

Methyl Iodide

Concen: 41.780 ug/l

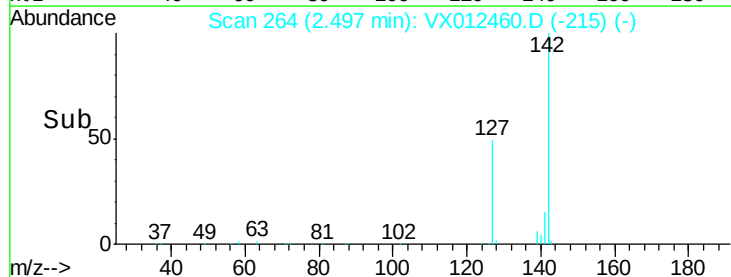
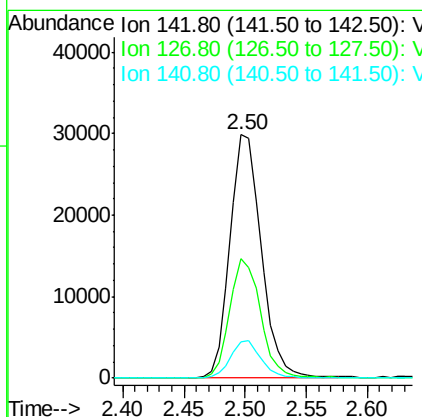
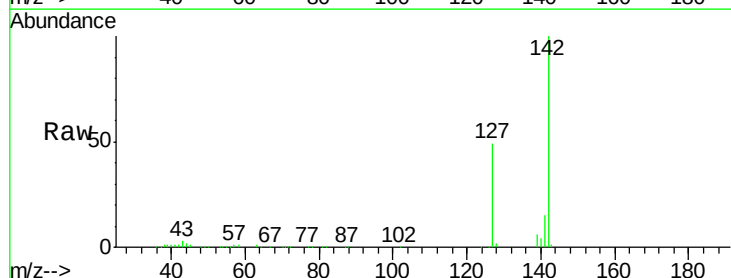
RT: 2.50 min Scan# 264

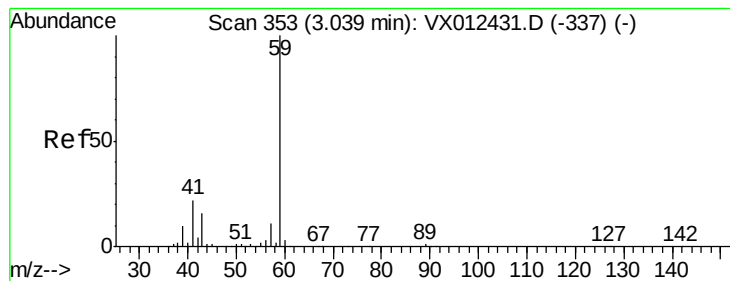
Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	142	Resp:	53169
Ion Ratio	Lower	Upper	
142	100		
127	48.3	40.8	61.2
141	15.1	12.1	18.1





#11

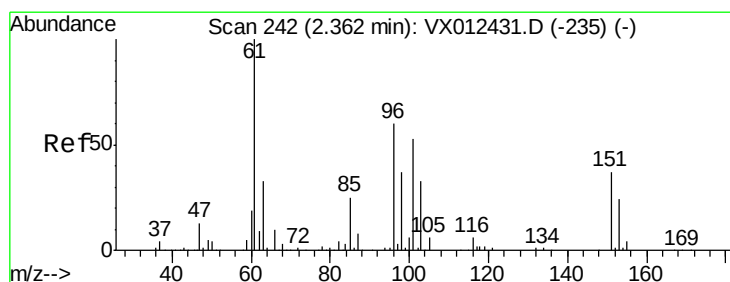
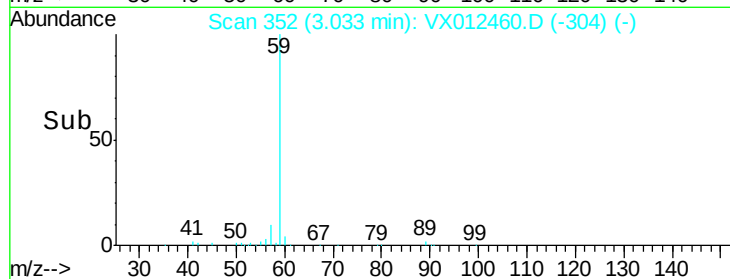
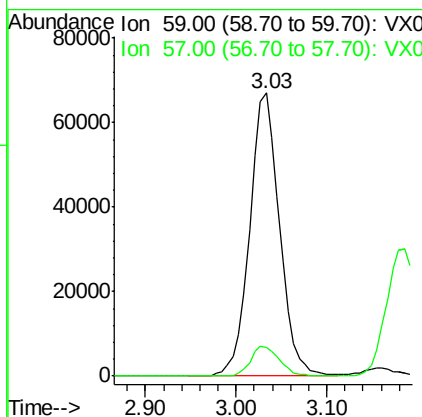
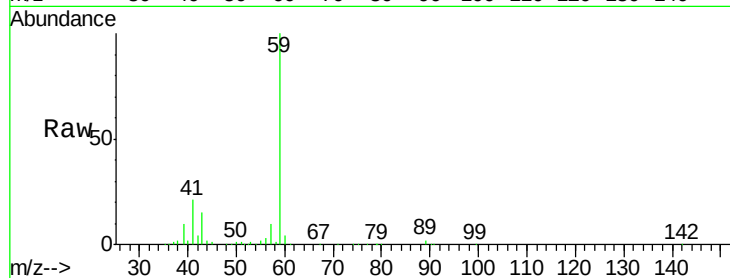
Tert butyl alcohol
 Concen: 218.091 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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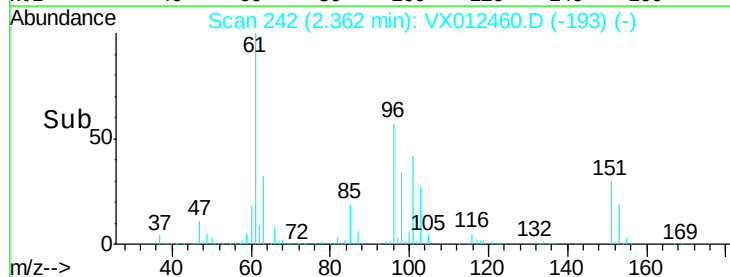
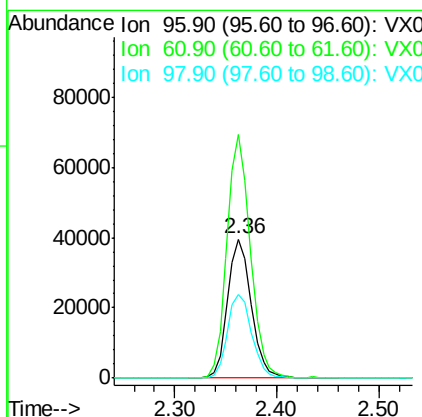
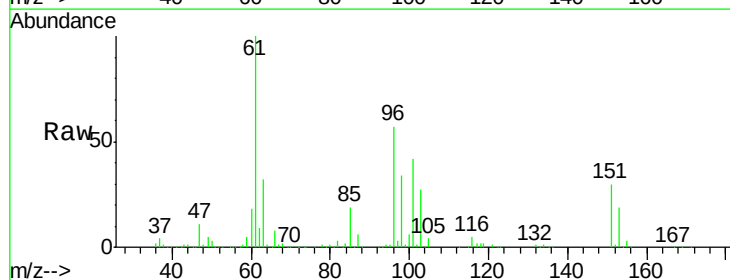
MMDadoda
 9/18/2019 11:21:57 AM

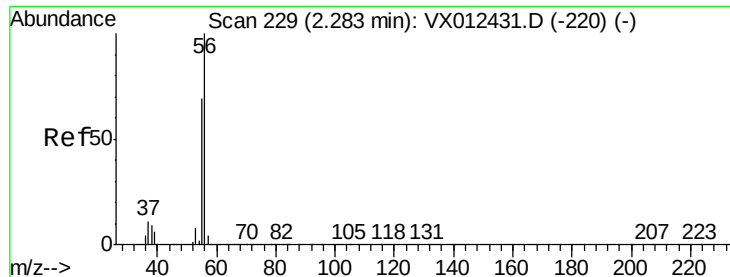


#12

1,1-Dichloroethene
 Concen: 52.421 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.3	133.8	200.6
98	60.3	49.9	74.9





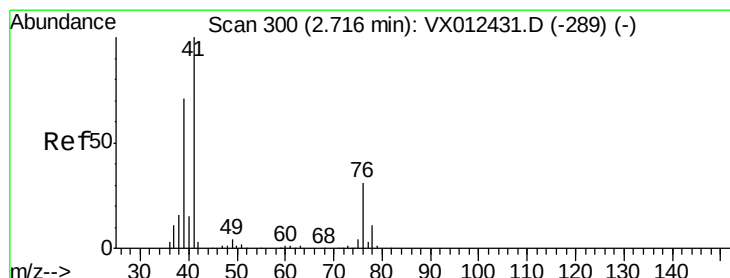
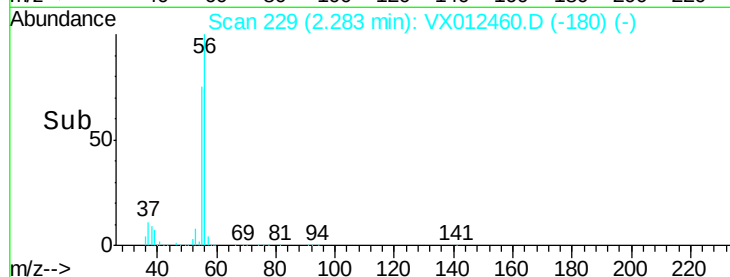
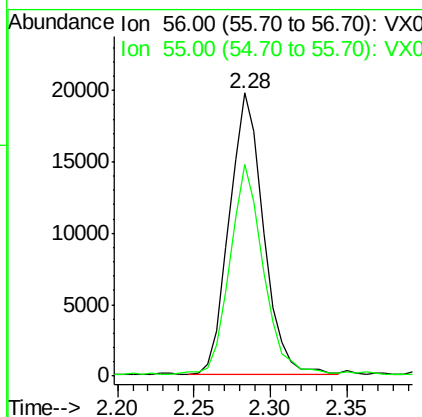
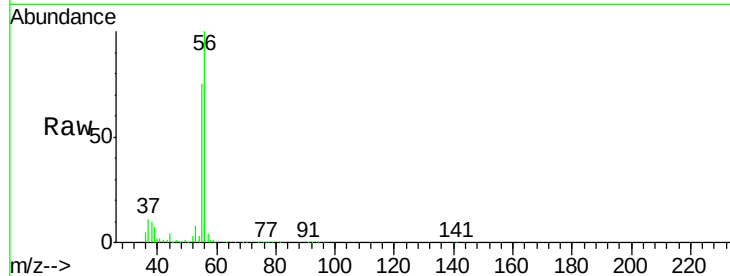
#13
Acrolein
Concen: 126.103 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	30647
Ion Ratio	100	Lower	Upper
55	73.3	55.8	83.8

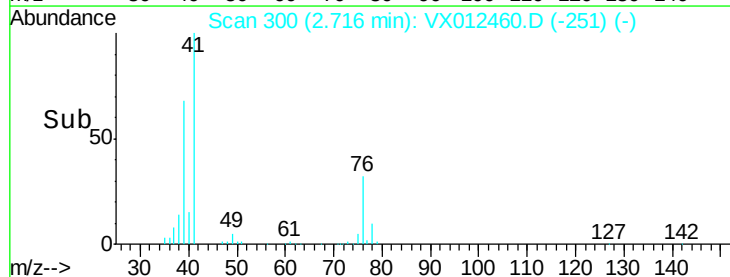
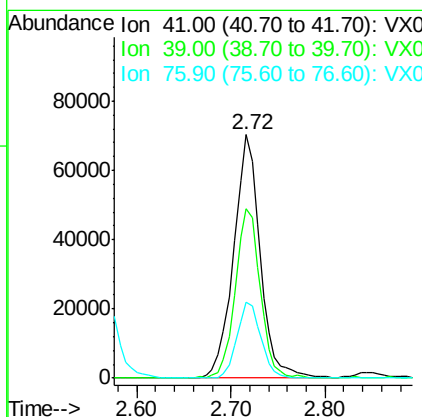
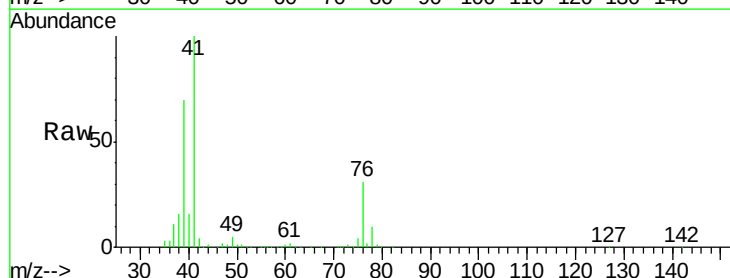
Manual Integrations
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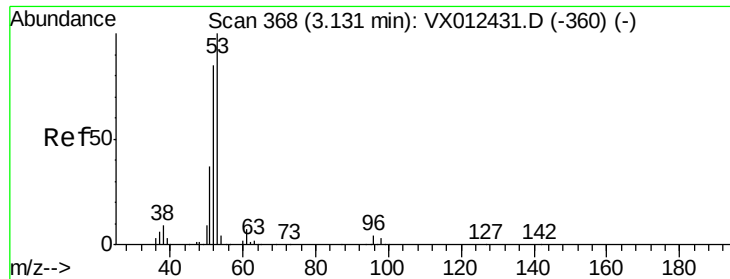
MMDadoda
9/18/2019 11:21:57 AM



#14
Allyl chloride
Concen: 48.895 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	41	Resp	137301
Ion Ratio	100	Lower	Upper
39	65.2	51.3	76.9
76	27.9	22.6	33.8





#15

Acrylonitrile

Concen: 248.615 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

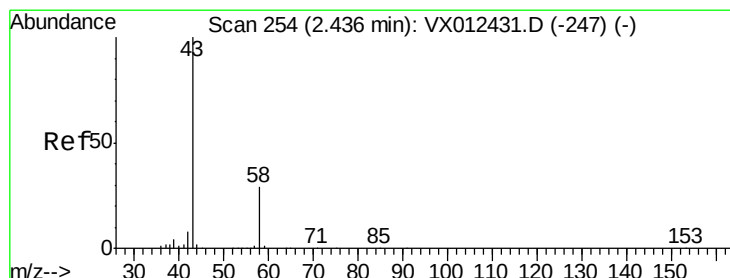
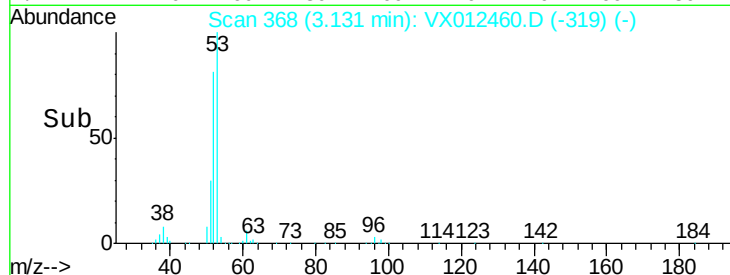
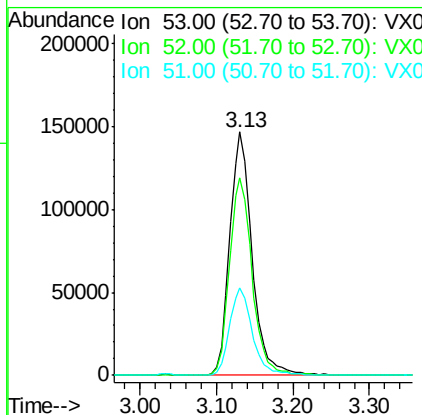
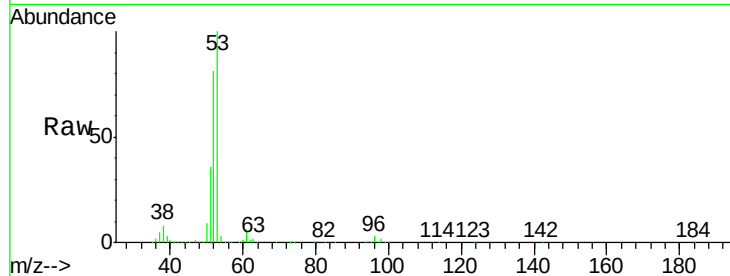
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	296221
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.4
51	36.6	29.6	44.4

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#16

Acetone

Concen: 217.300 ug/l

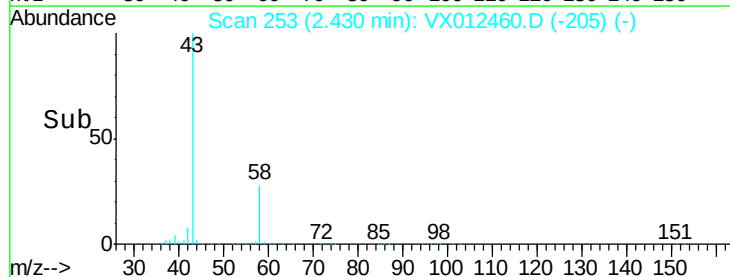
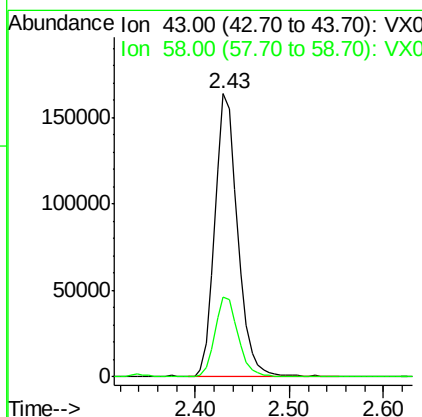
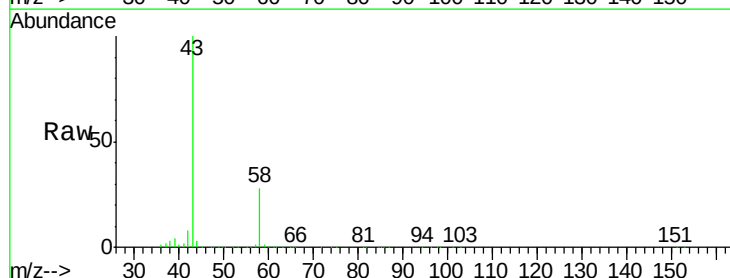
RT: 2.43 min Scan# 253

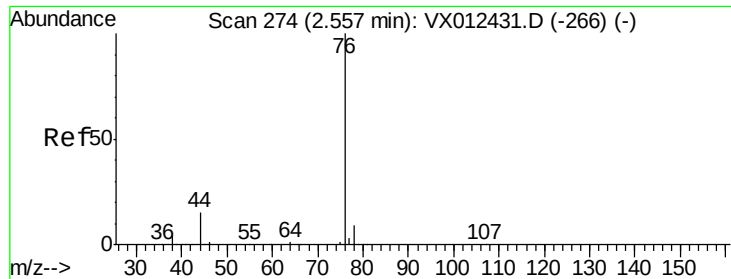
Delta R.T. -0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	43	Resp:	274309
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.3	34.9





#17

Carbon Disulfide

Concen: 46.883 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 79774

Ion Ratio Lower Upper

76 100

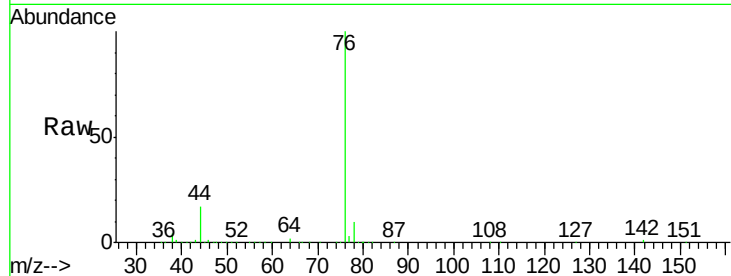
78 9.4 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

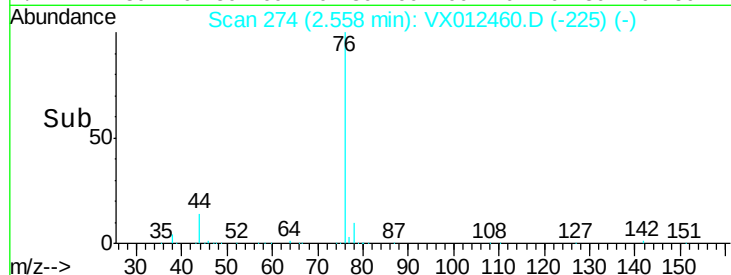
30000

20000

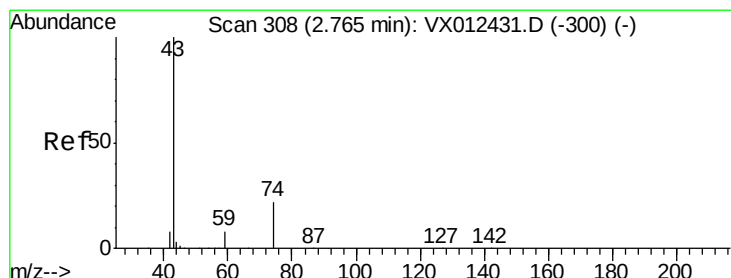
10000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 54.577 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012460.D

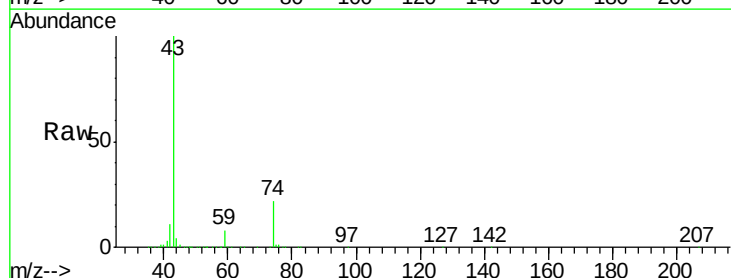
Acq: 18 Sep 2019 02:31

Tgt Ion: 43 Resp: 156370

Ion Ratio Lower Upper

43 100

74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

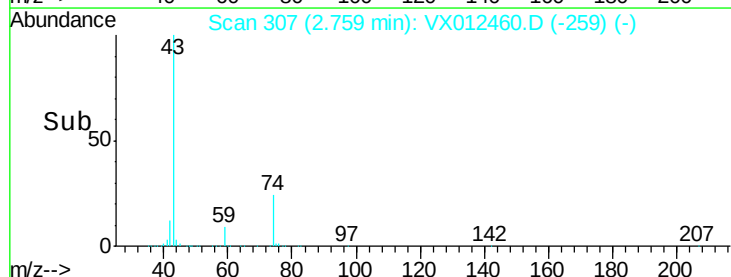
60000

40000

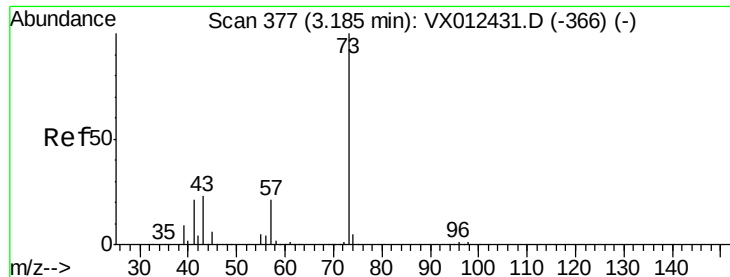
20000

0

Time-->



Time-->



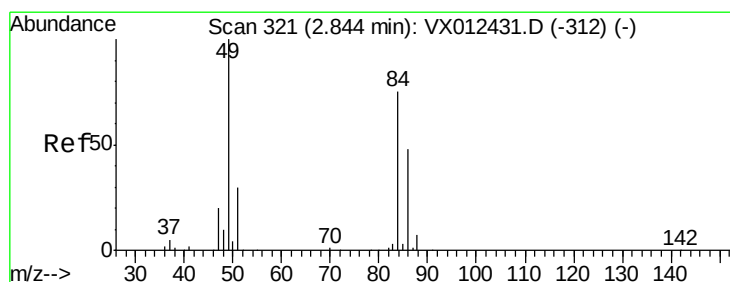
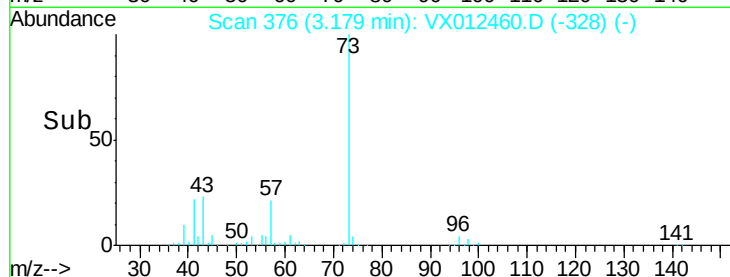
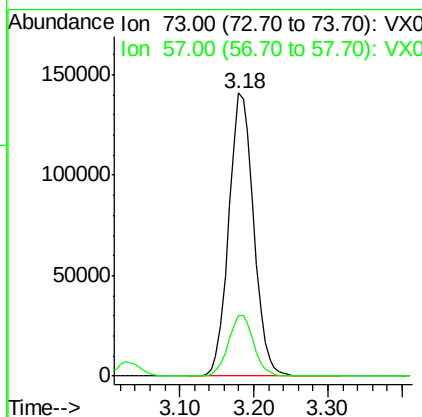
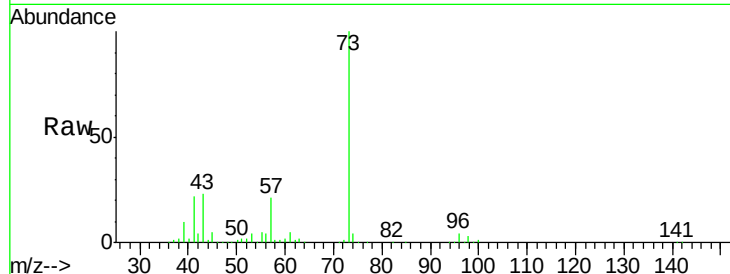
#19
Methyl tert-butyl Ether
Concen: 50.288 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.8	25.2

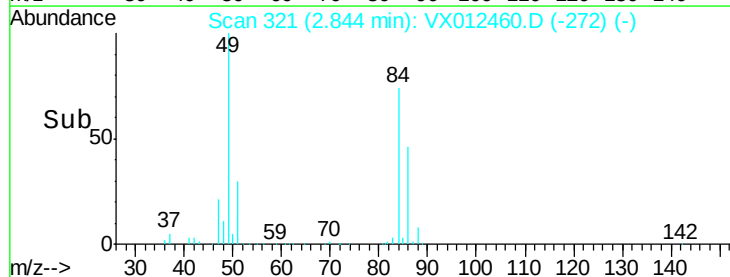
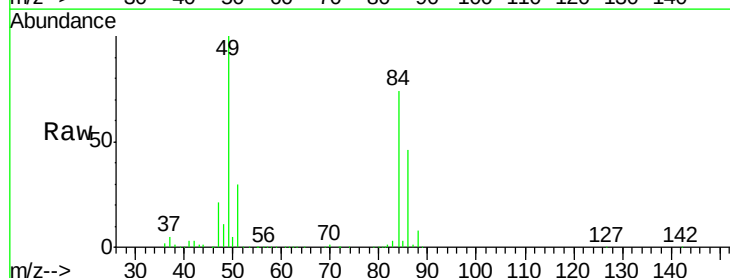
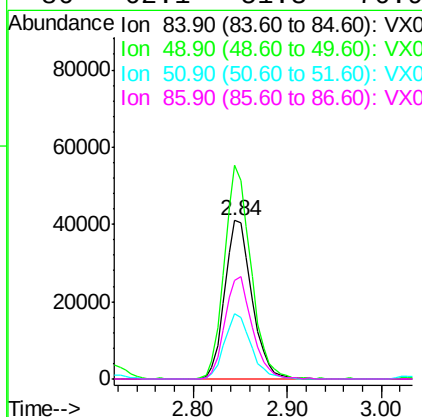
Manual Integrations
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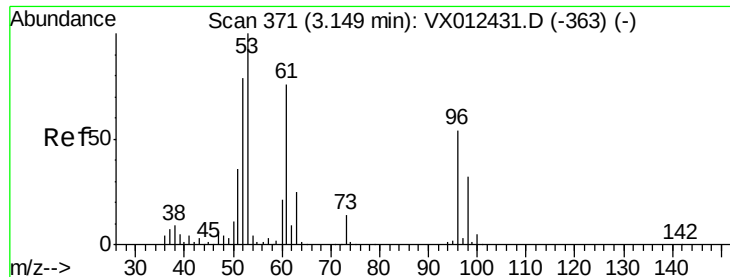
MMDadoda
9/18/2019 11:21:57 AM



#20
Methylene Chloride
Concen: 49.696 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.5	106.8	160.2
51	40.7	32.3	48.5
86	62.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 53.863 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

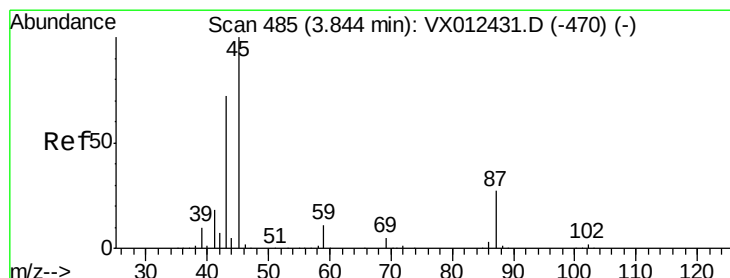
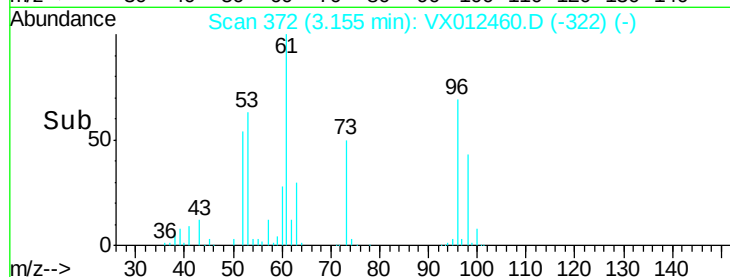
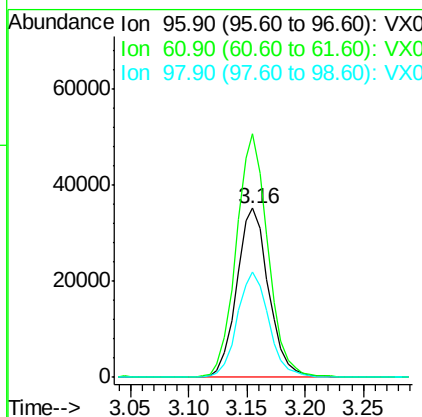
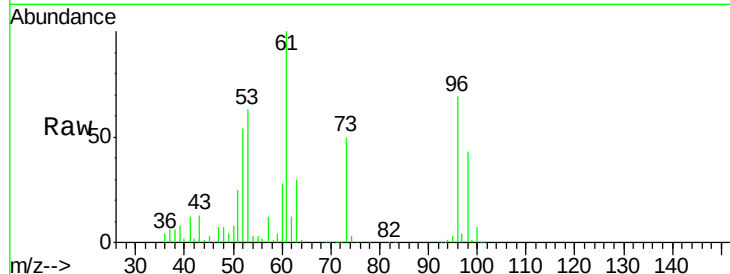
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	67464
Ion	Ratio	Lower	Upper
96	100		
61	144.1	112.0	168.0
98	62.1	47.8	71.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.644 ug/l

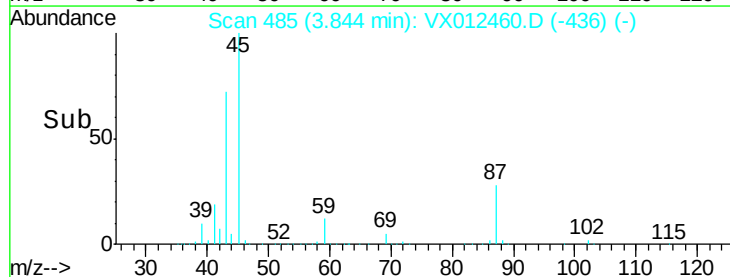
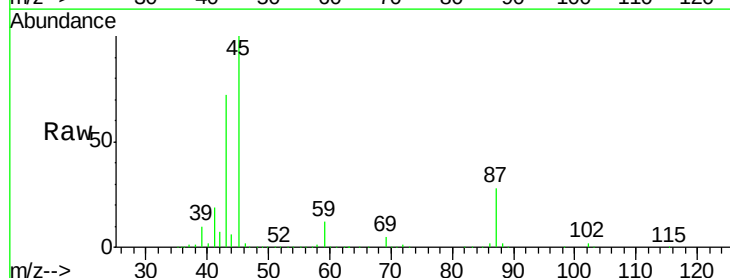
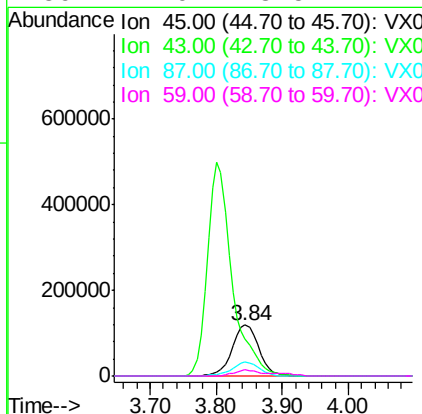
RT: 3.84 min Scan# 485

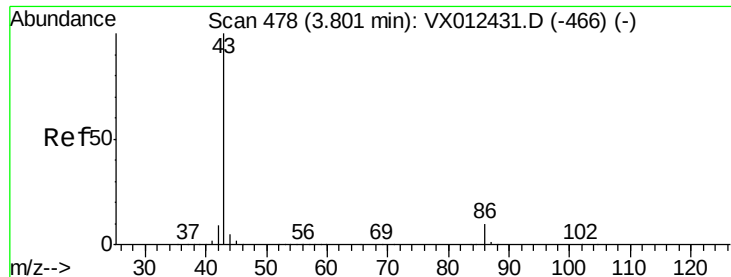
Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	45	Resp:	332979
Ion	Ratio	Lower	Upper
45	100		
43	72.0	57.8	86.8
87	27.6	21.3	31.9
59	12.0	8.5	12.7





#23

Vinyl Acetate

Concen: 238.201 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1288332

Ion Ratio Lower Upper

43 100

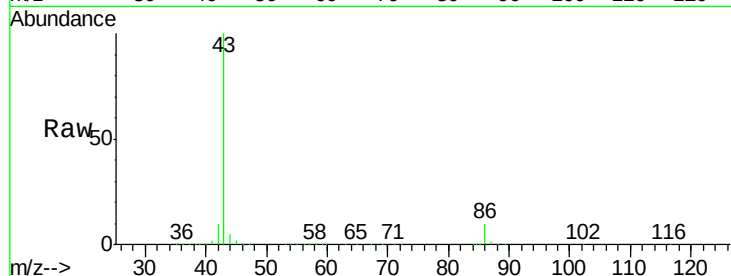
86 10.0 7.8 11.8

Manual Integrations

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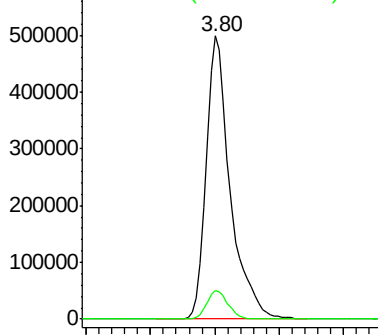
MMDadoda

9/18/2019 11:21:57 AM

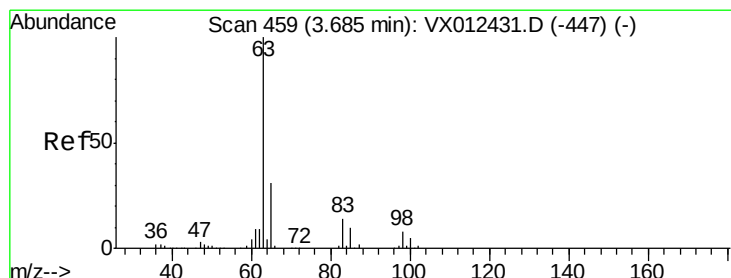
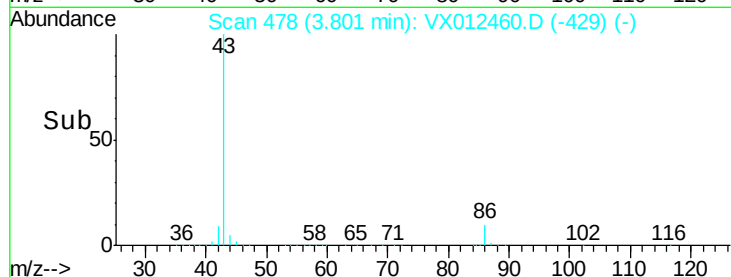


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 52.451 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

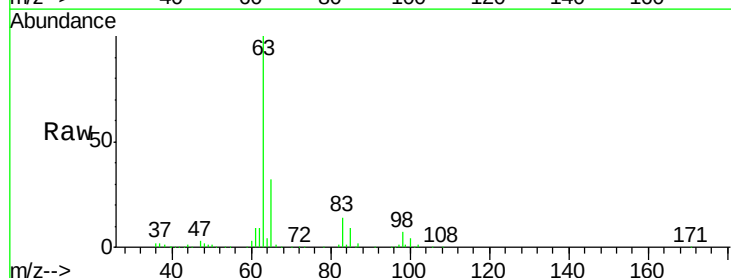
Tgt Ion: 63 Resp: 165003

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

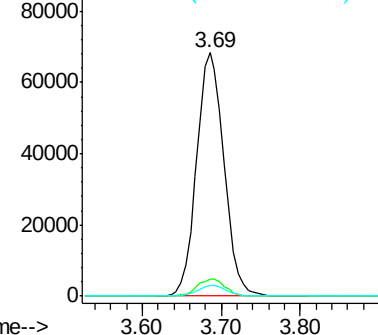
100 4.3 2.3 6.9



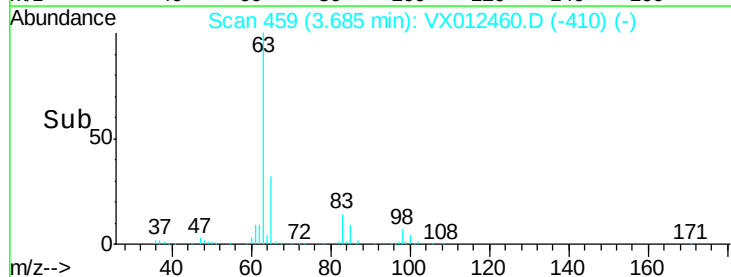
Abundance Ion 62.90 (62.60 to 63.60): VX0

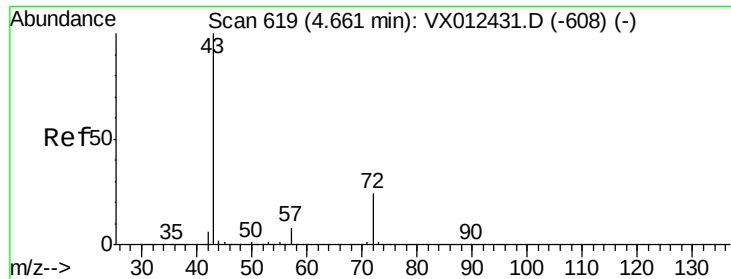
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 229.461 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 437643

Ion Ratio Lower Upper

43 100

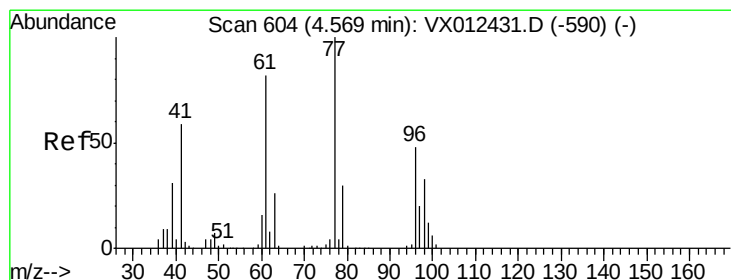
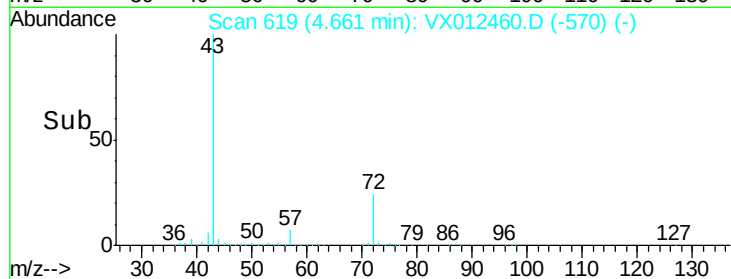
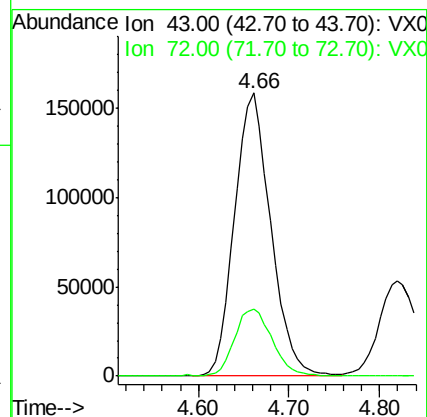
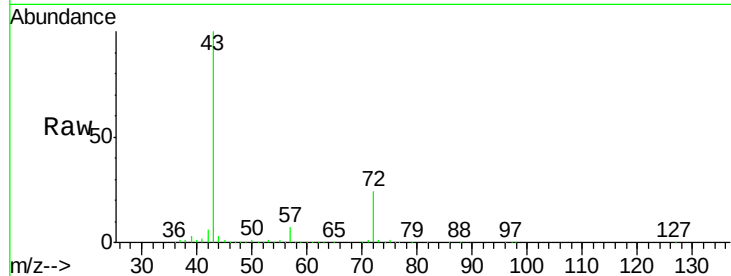
72 23.6 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 35.976 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012460.D

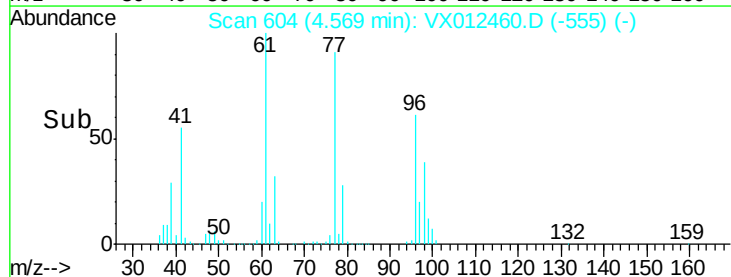
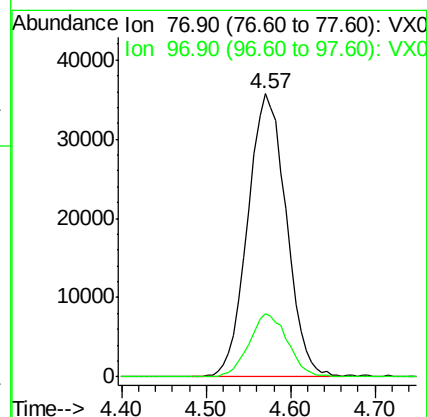
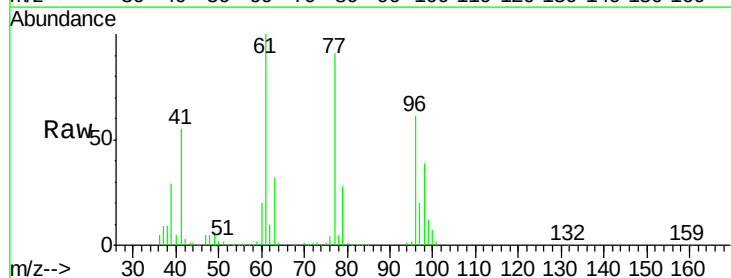
Acq: 18 Sep 2019 02:31

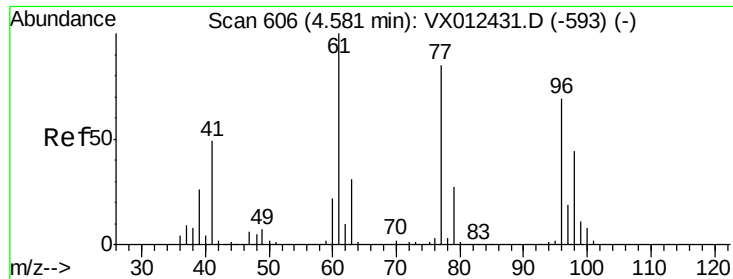
Tgt Ion: 77 Resp: 111305

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

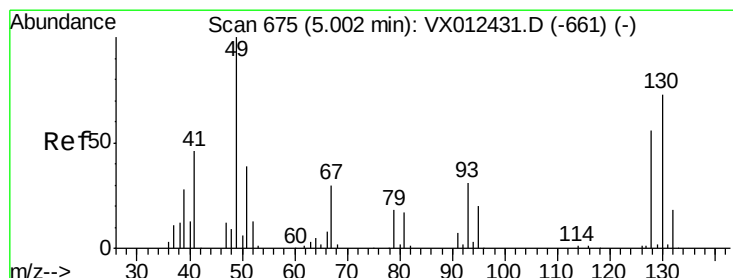
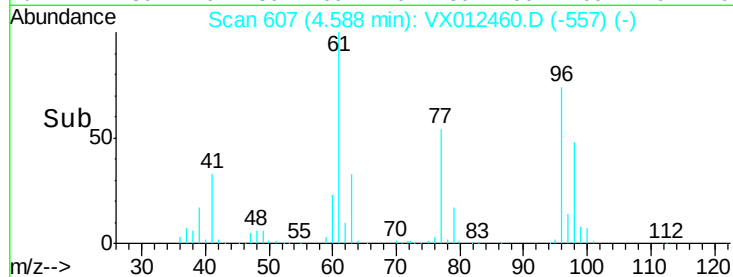
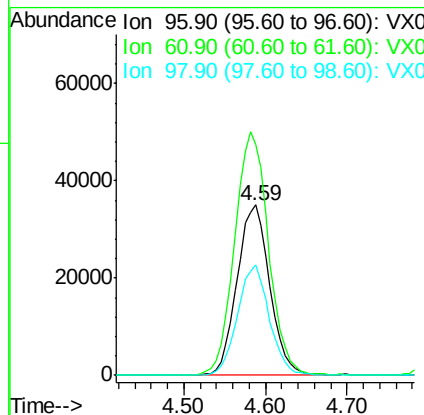
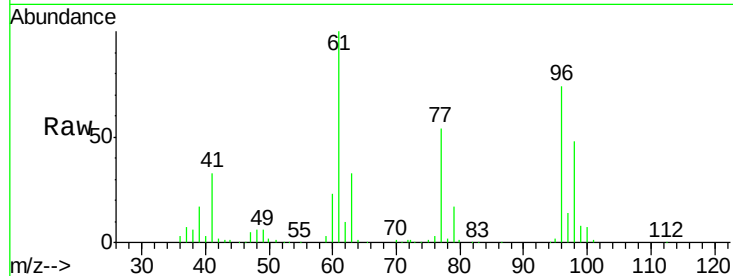
cis-1,2-Dichloroethene
 Concen: 52.013 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	319.4
98	63.2	0.0	130.6

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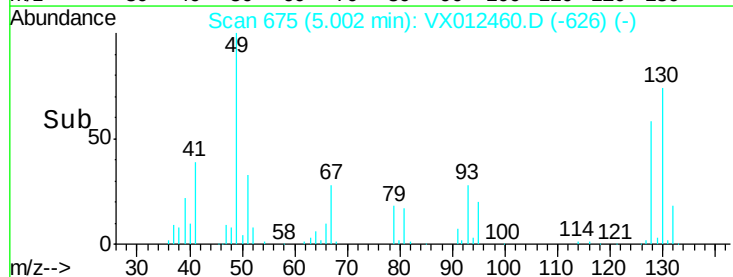
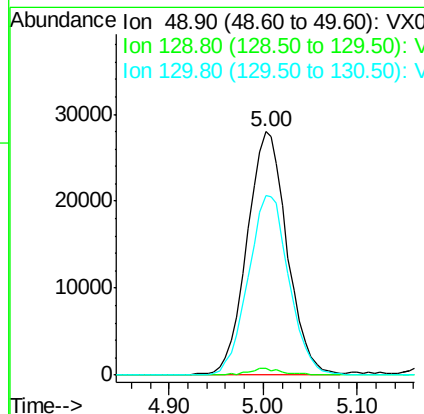
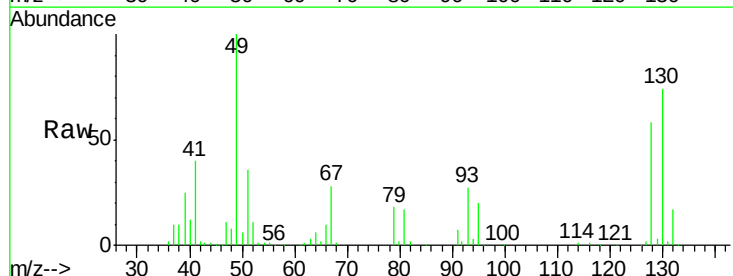
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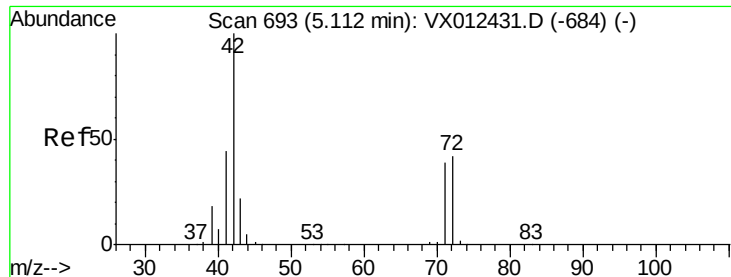


#28

Bromochloromethane
 Concen: 51.447 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	75.1	58.2	87.4





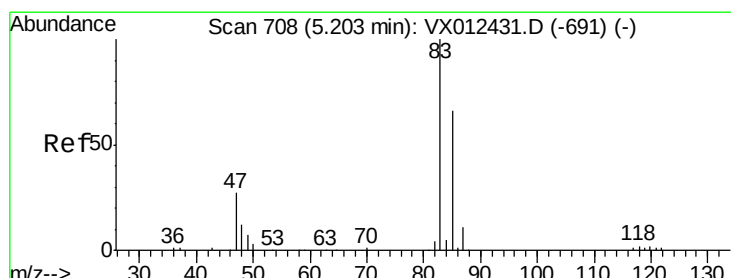
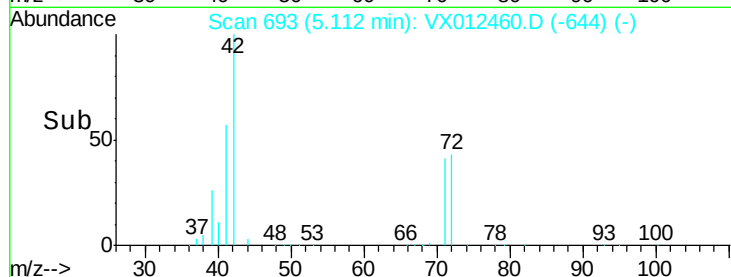
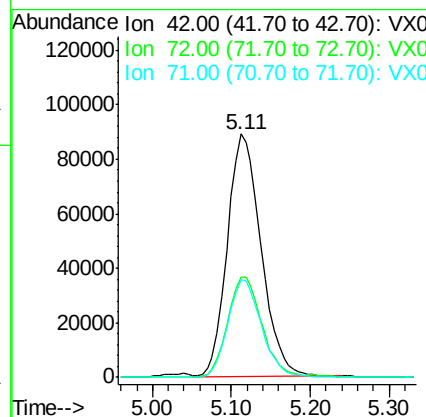
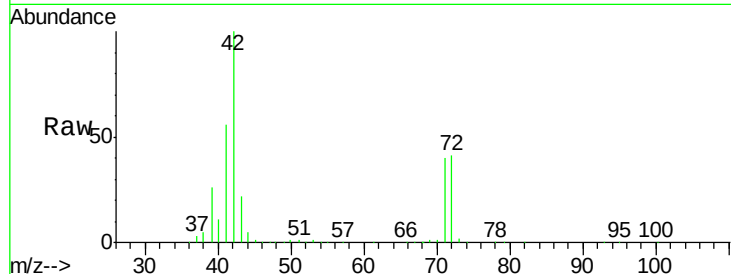
#29
Tetrahydrofuran
Concen: 251.589 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.0	51.0
71	40.0	31.5	47.3

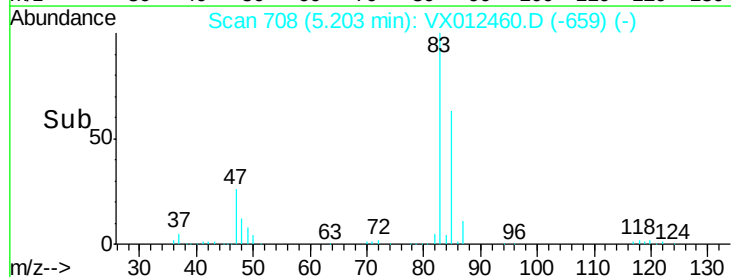
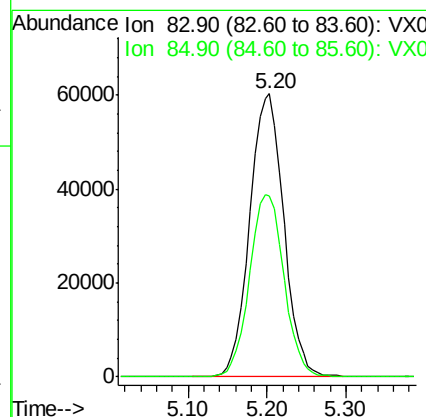
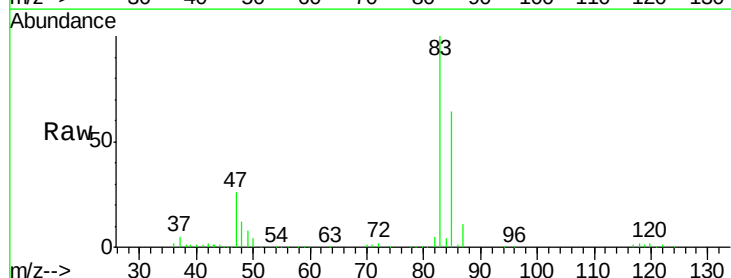
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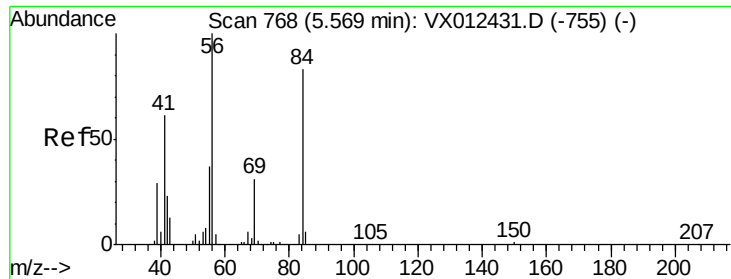
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#30
Chloroform
Concen: 50.178 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.0	79.4





#31

Cyclohexane

Concen: 52.335 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

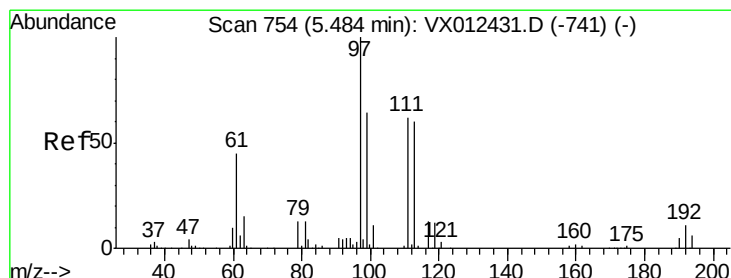
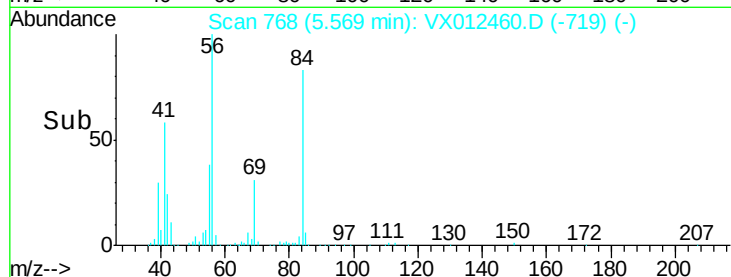
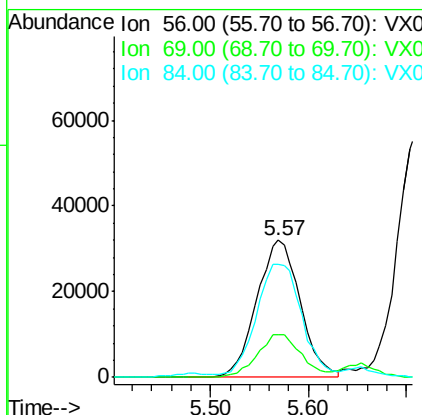
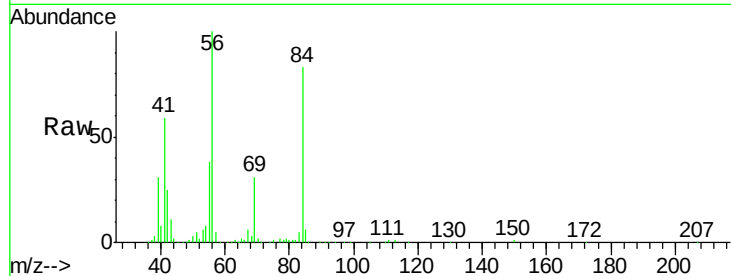
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	99385
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.0	37.6
84	79.7	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 51.831 ug/l

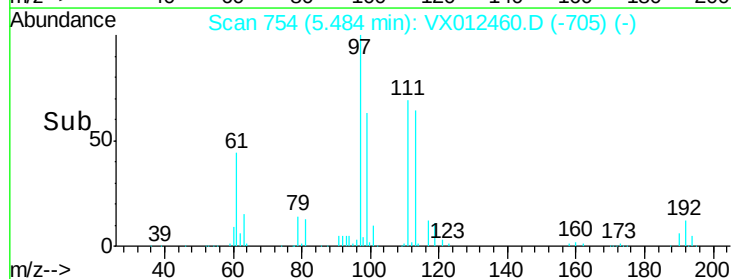
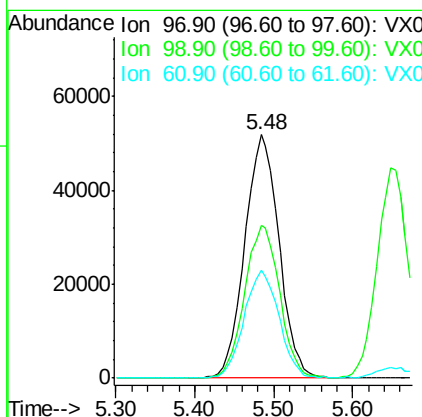
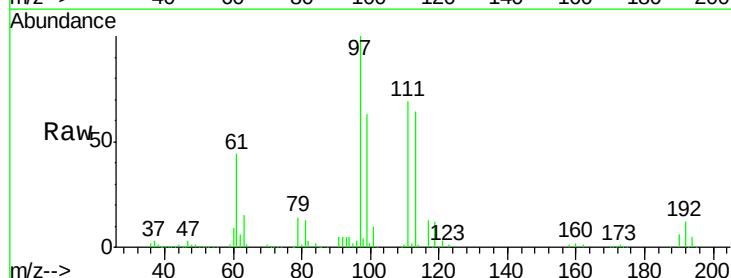
RT: 5.48 min Scan# 754

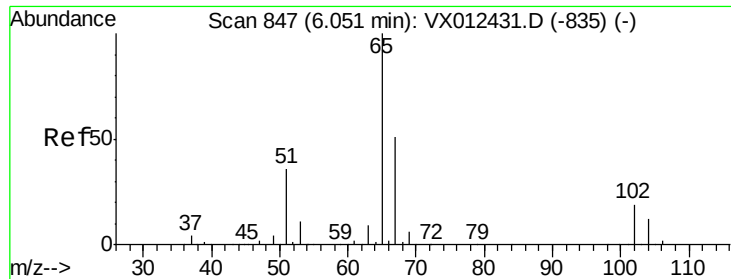
Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	97	Resp:	156511
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.3	76.9
61	45.1	36.1	54.1





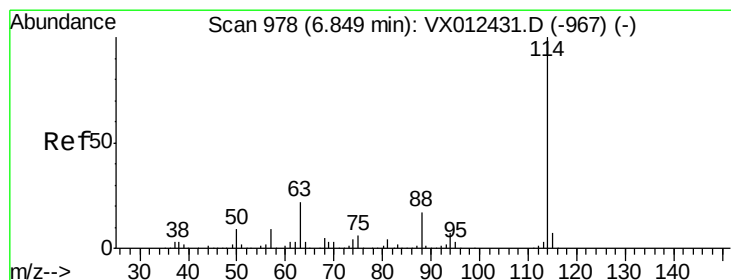
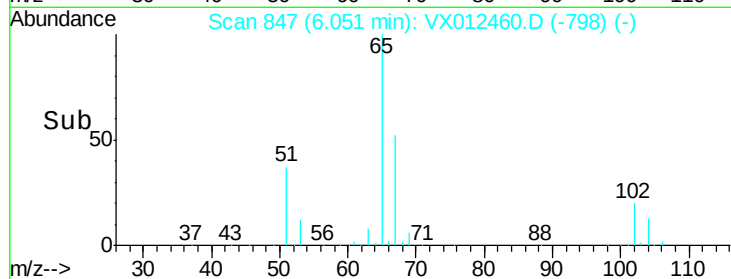
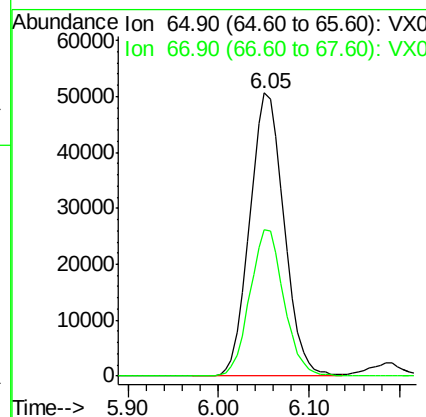
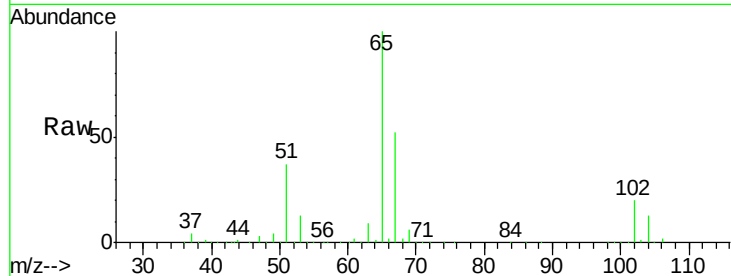
#33
 1,2-Dichloroethane-d4
 Concen: 48.305 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.2

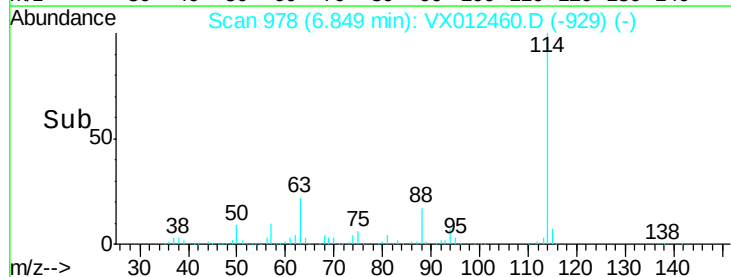
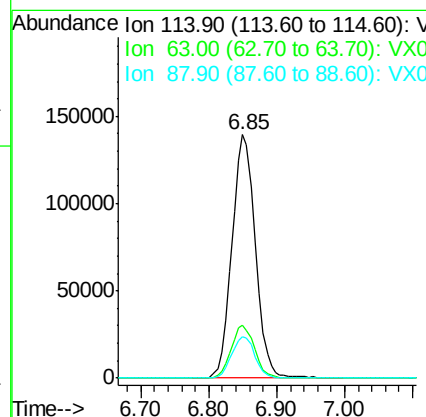
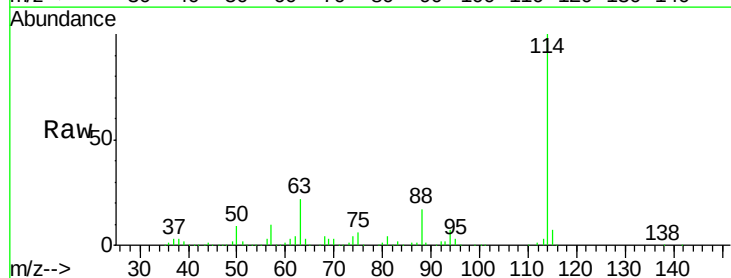
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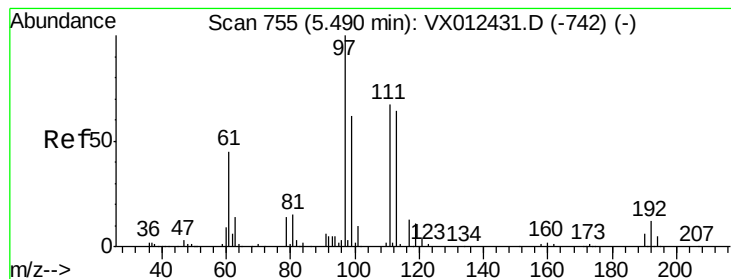
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 48.285 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

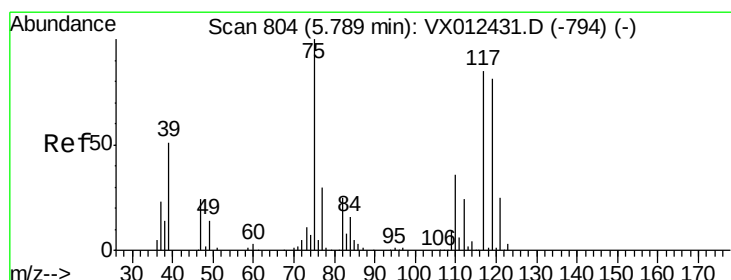
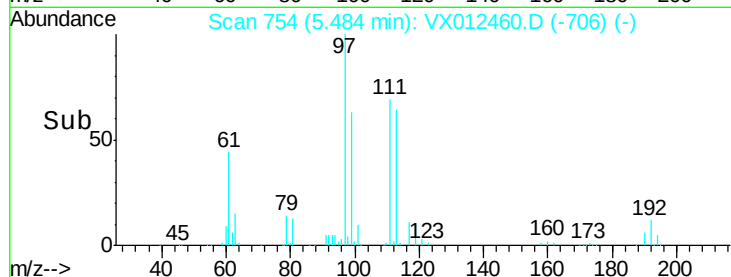
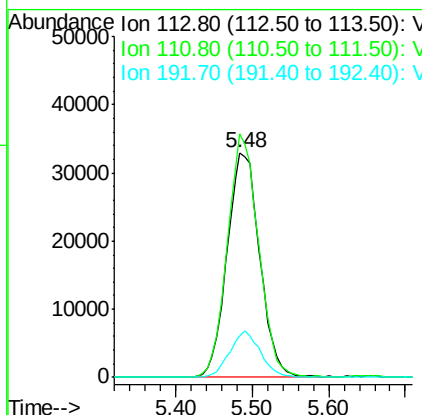
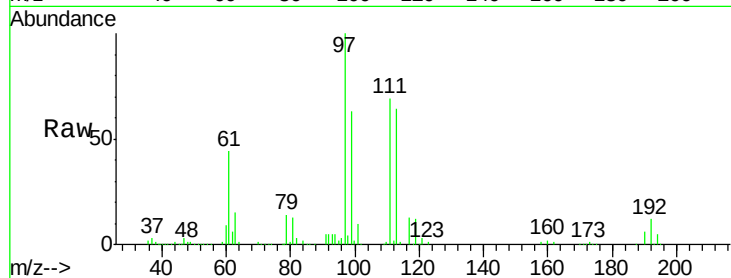
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	97204
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.2
192	19.4	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 49.977 ug/l

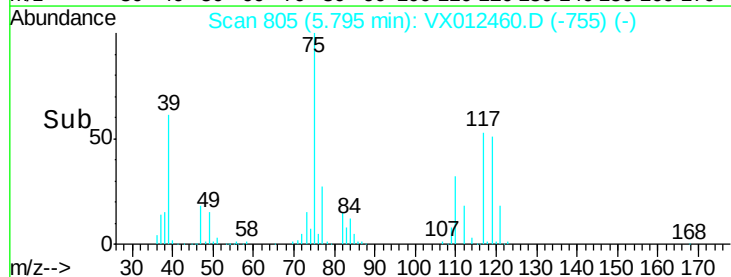
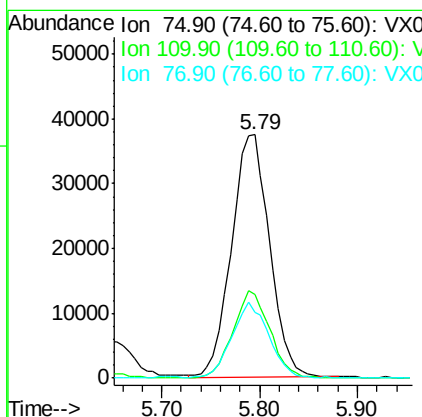
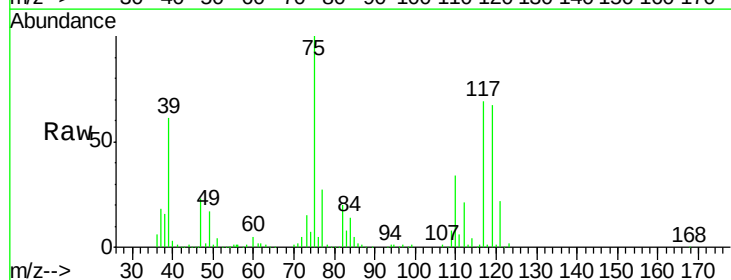
RT: 5.79 min Scan# 805

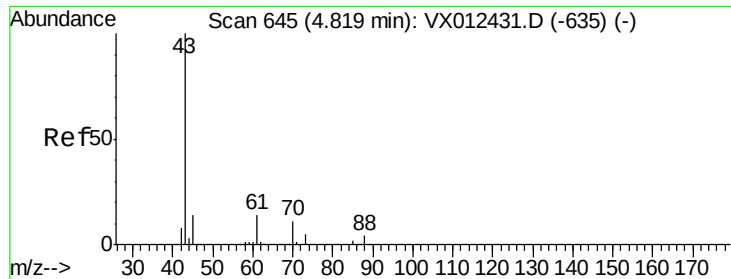
Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	75	Resp:	101026
Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.7	50.0
77	30.2	24.2	36.2





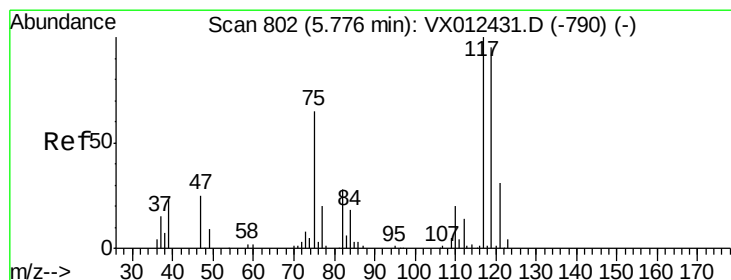
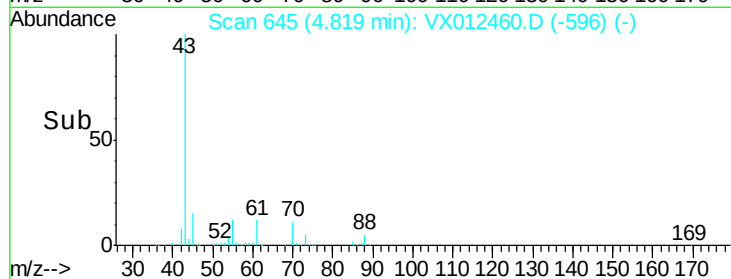
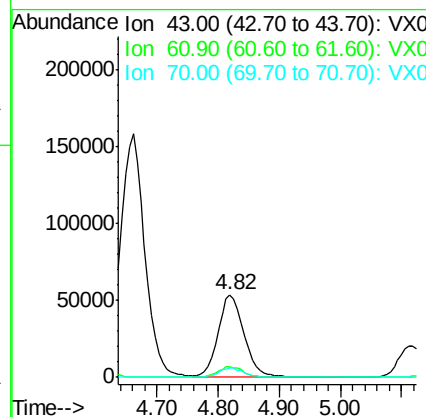
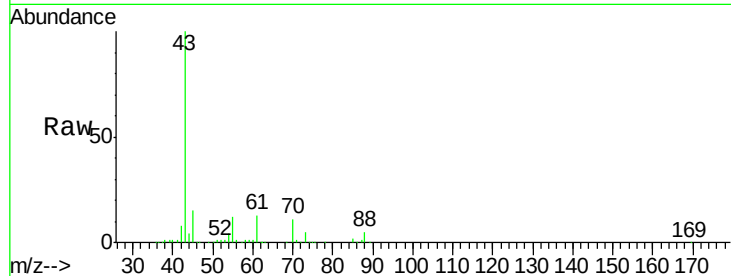
#37
Ethyl Acetate
Concen: 51.510 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.2	15.4
70	10.6	8.7	13.1

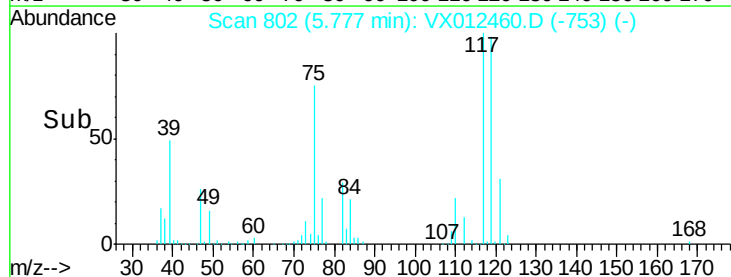
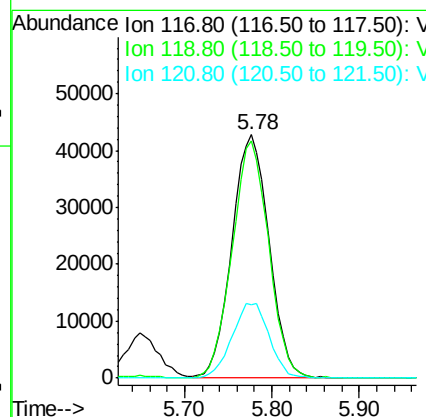
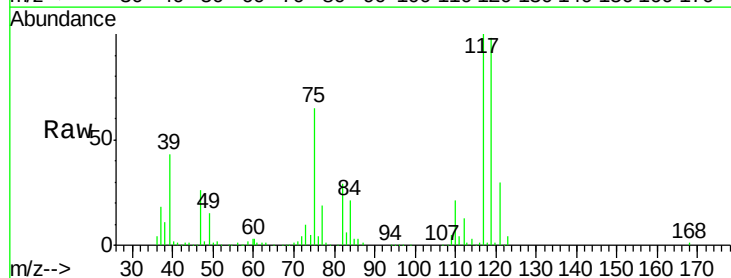
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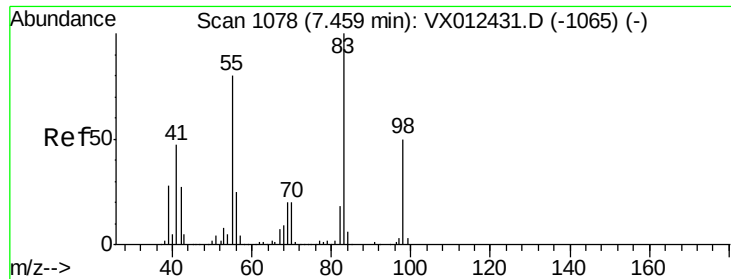
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#38
Carbon Tetrachloride
Concen: 50.215 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.7	113.5
121	30.4	24.2	36.4





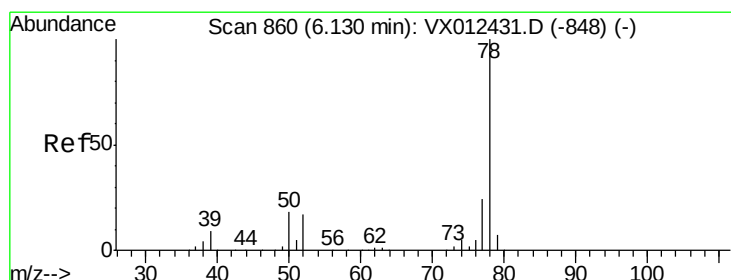
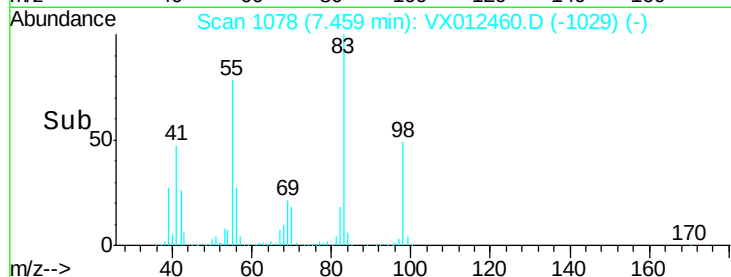
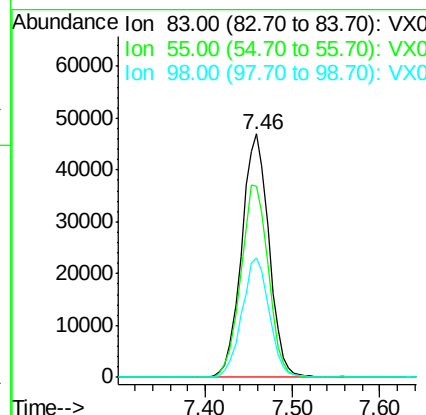
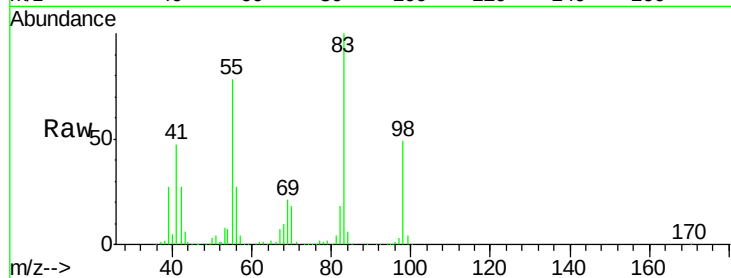
#39
Methylvlcyclohexane
Concen: 51.845 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	101880
Ion Ratio	Lower	Upper	
83	100		
55	78.5	64.4	96.6
98	49.0	40.1	60.1

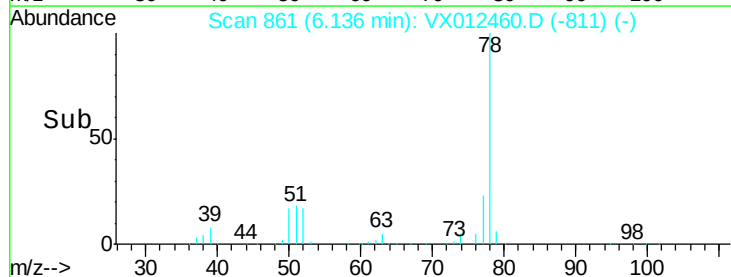
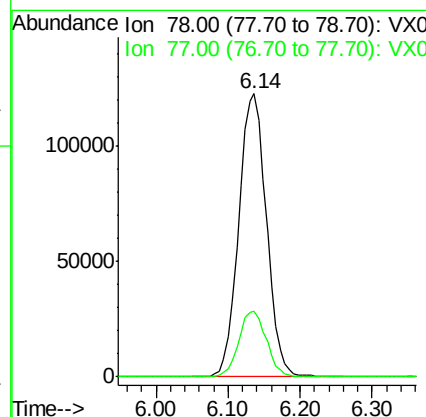
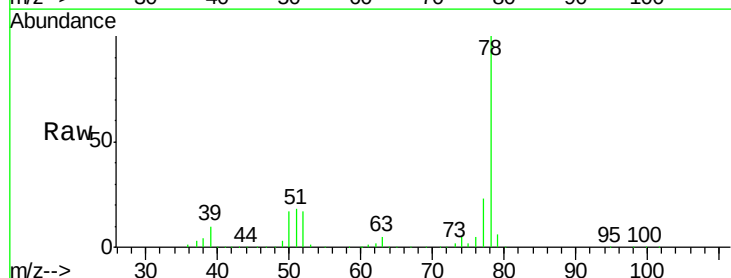
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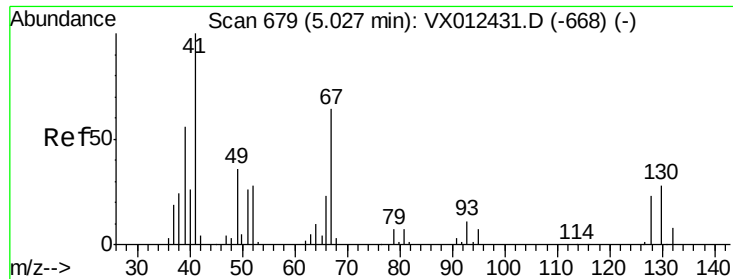
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#40
Benzene
Concen: 51.055 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	78	Resp	328188
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.2	28.8





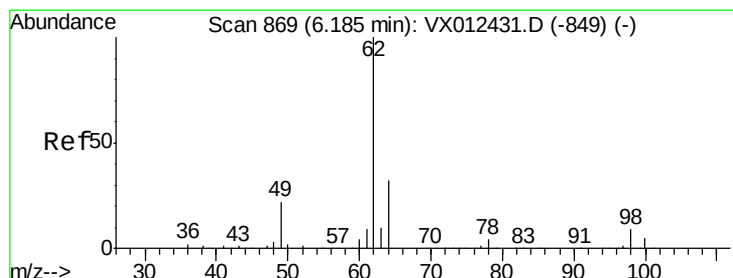
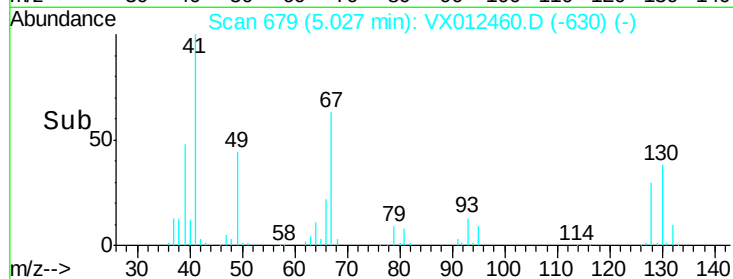
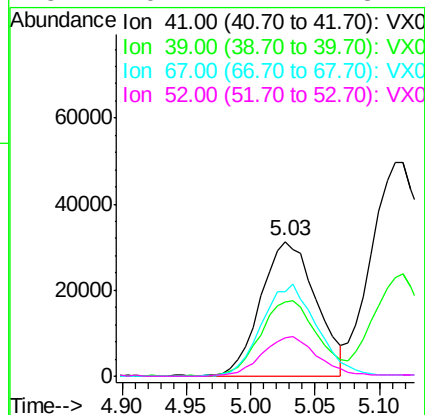
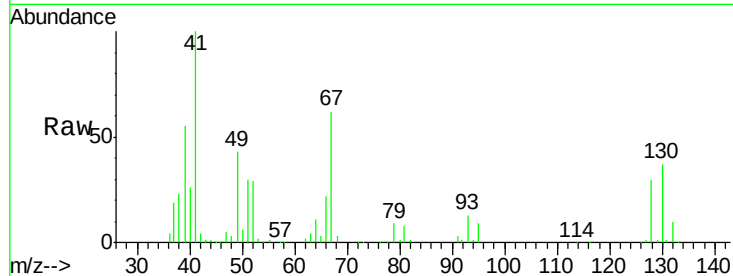
#41
Methacrylonitrile
Concen: 46.729 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	46.0	69.0	
67	68.0	52.2	78.2	
52	29.7	22.7	34.1	

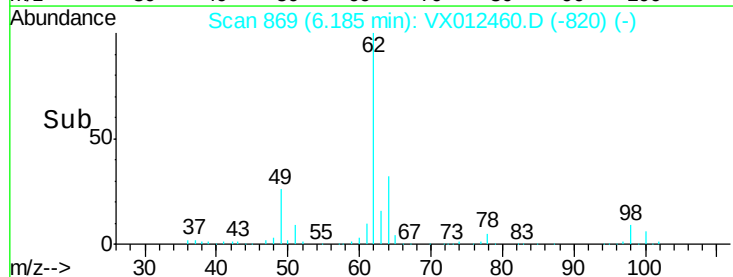
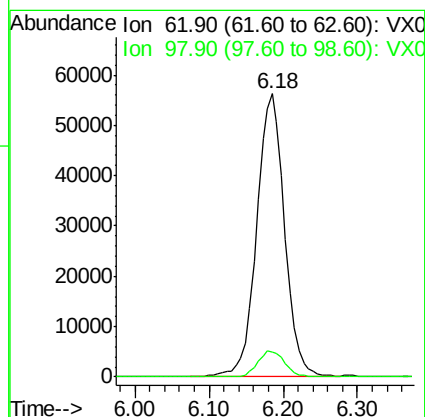
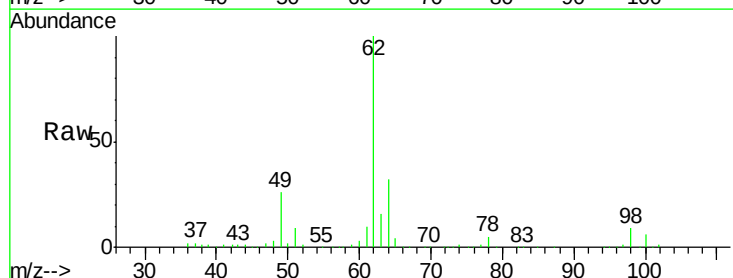
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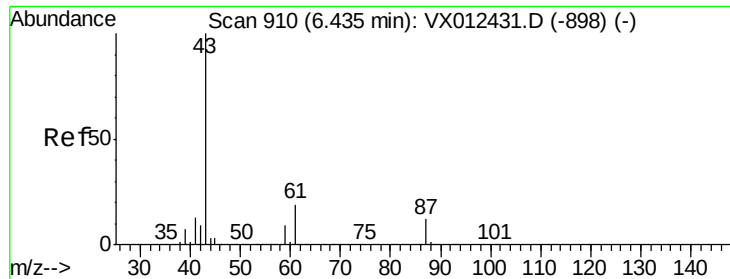
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#42
1,2-Dichloroethane
Concen: 49.439 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

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





#43

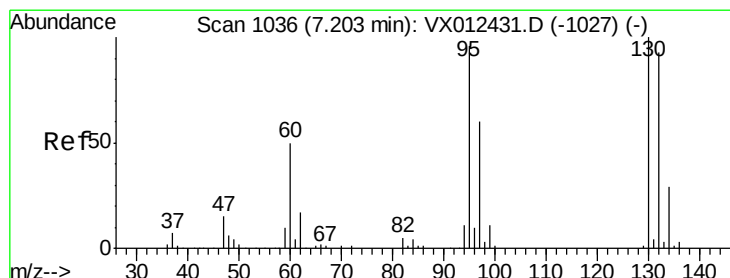
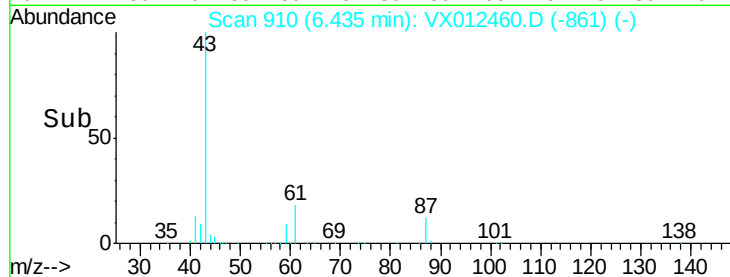
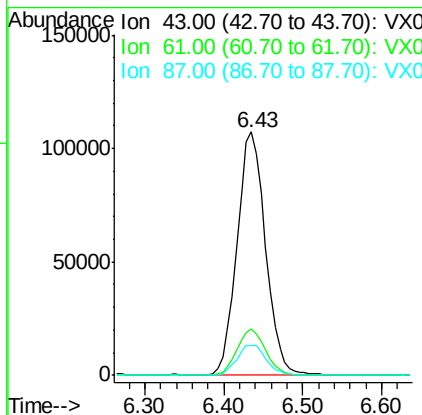
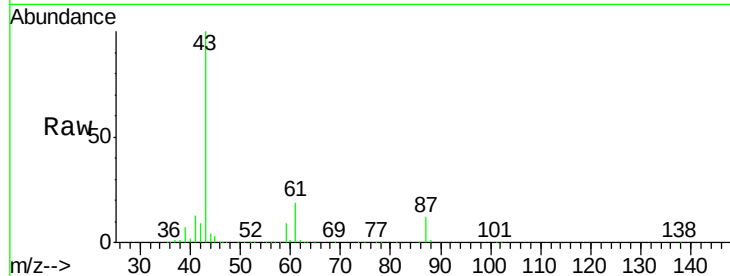
Isopropyl Acetate
 Concen: 48.295 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	268960
Ion Ratio	Lower	Upper	
43	100		
61	19.2	15.4	23.0
87	12.8	9.8	14.8

Manual Integrations
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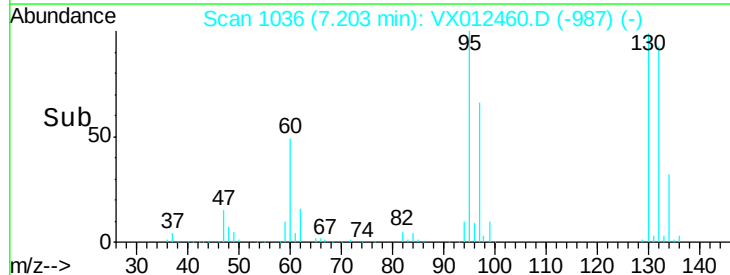
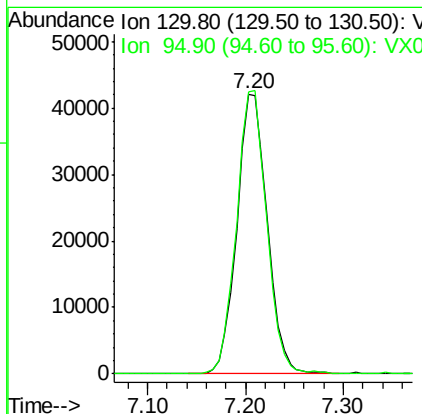
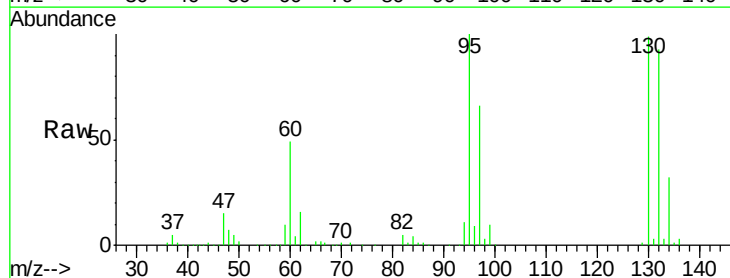
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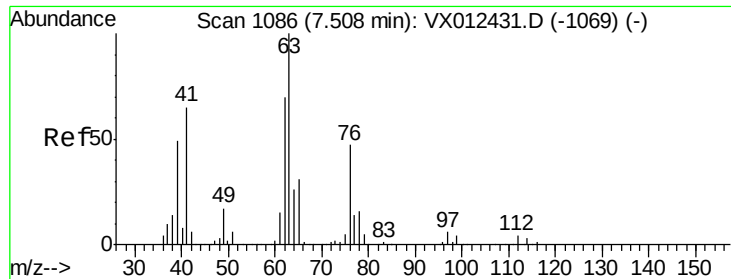


#44

Trichloroethene
 Concen: 53.730 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	130	Resp	90853
Ion Ratio	Lower	Upper	
130	100		
95	100.8	0.0	193.0





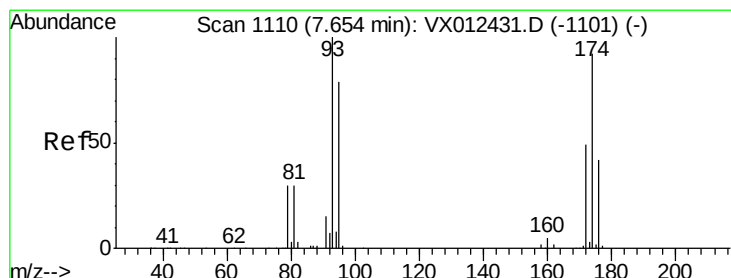
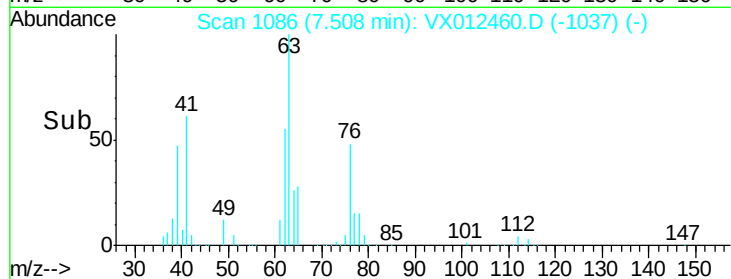
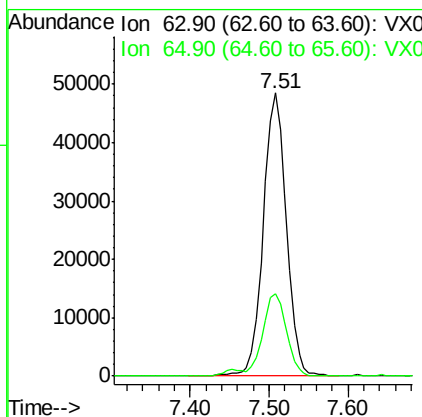
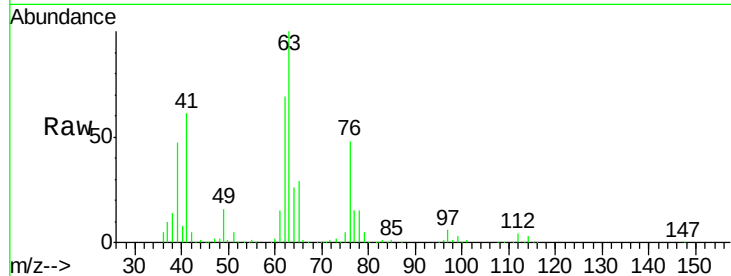
#45
 1,2-Dichloropropane
 Concen: 50.083 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 98907
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.0 37.6

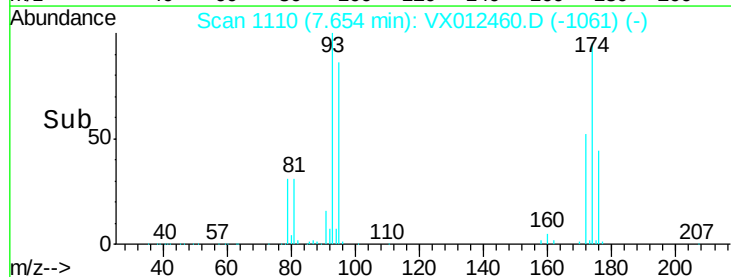
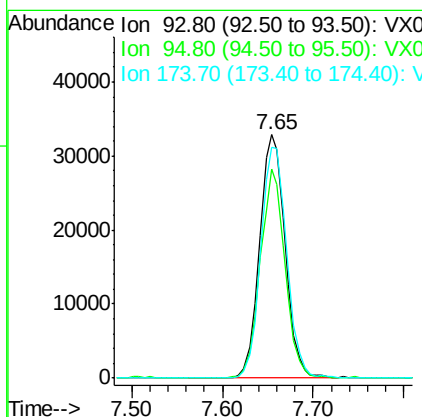
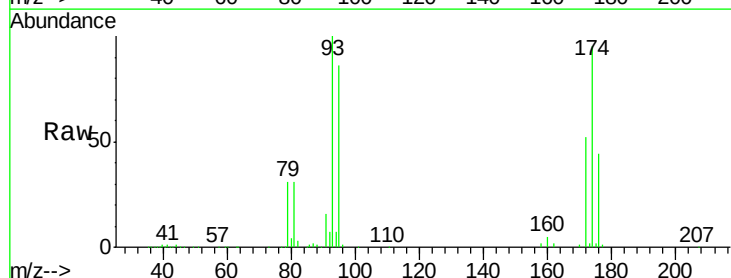
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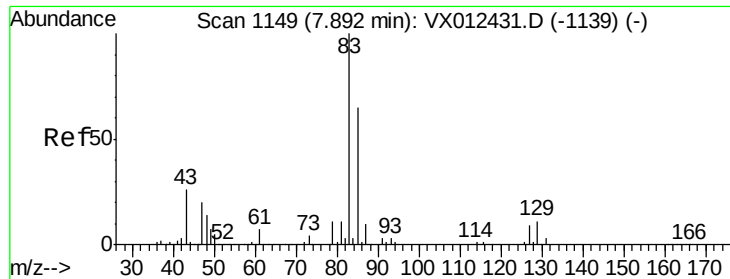
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#46
 Dibromomethane
 Concen: 50.009 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion: 93 Resp: 63911
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 96.5 77.4 116.0





#47

Bromodichloromethane

Concen: 51.361 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

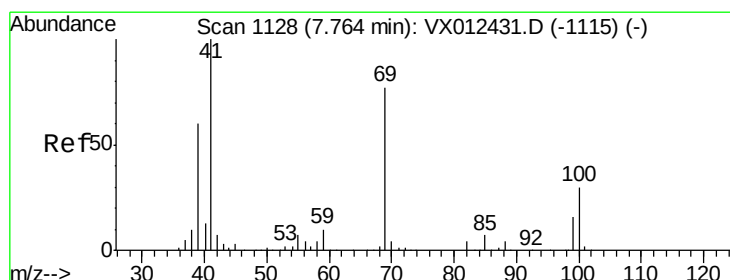
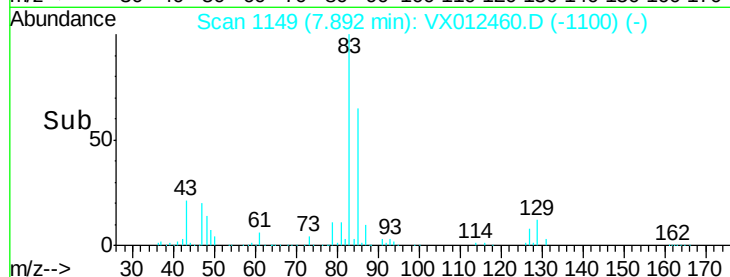
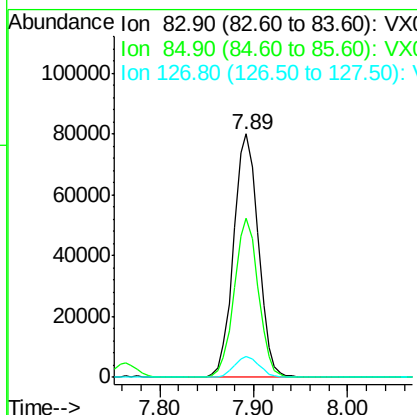
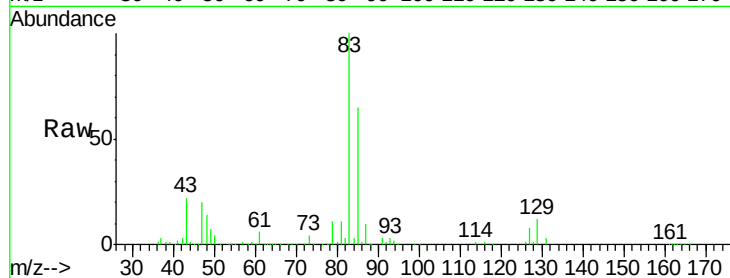
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	146151
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6
127	8.4	7.3	10.9

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#48

Methyl methacrylate

Concen: 49.165 ug/l

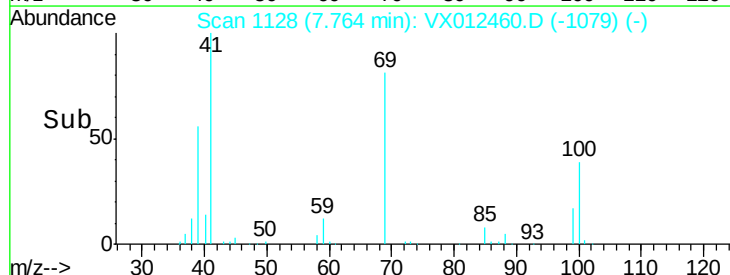
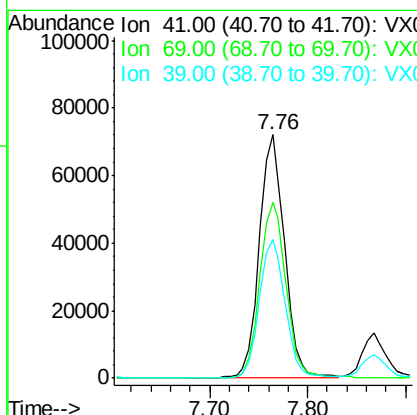
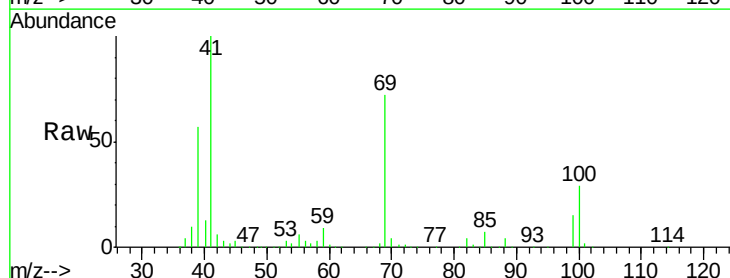
RT: 7.76 min Scan# 1128

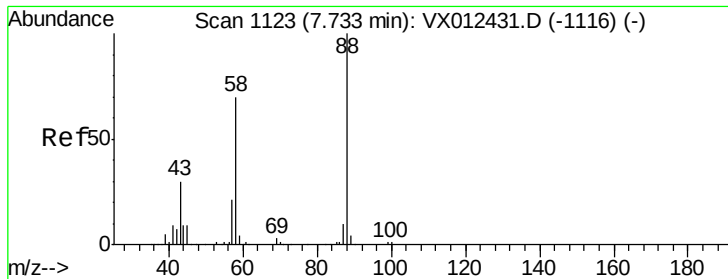
Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	41	Resp:	129071
Ion	Ratio	Lower	Upper
41	100		
69	75.6	59.9	89.9
39	58.1	47.8	71.6





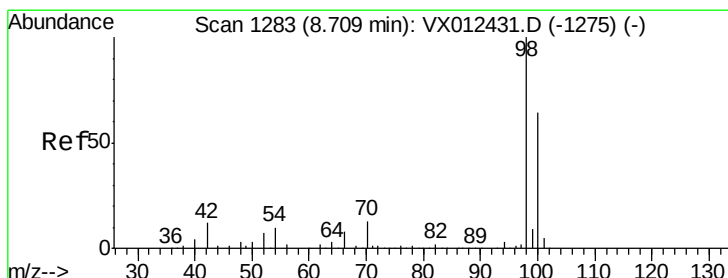
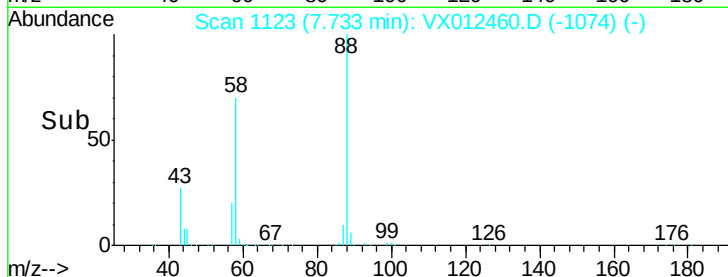
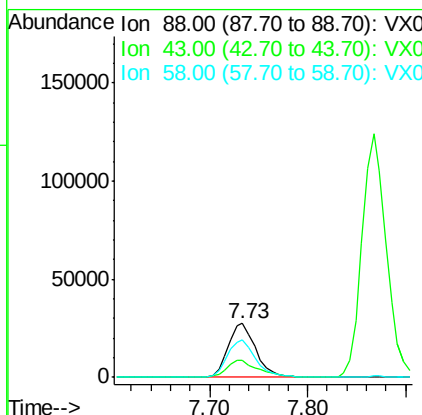
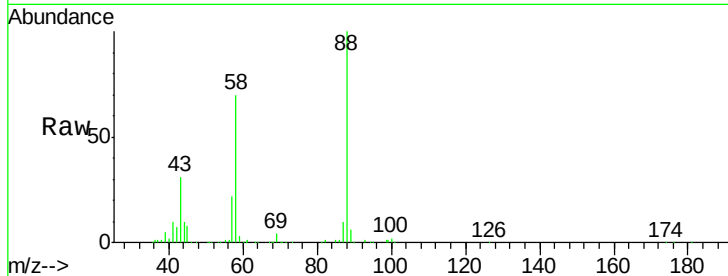
#49
1,4-Dioxane
Concen: 850.929 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	29.4	44.0
58	72.3	57.5	86.3

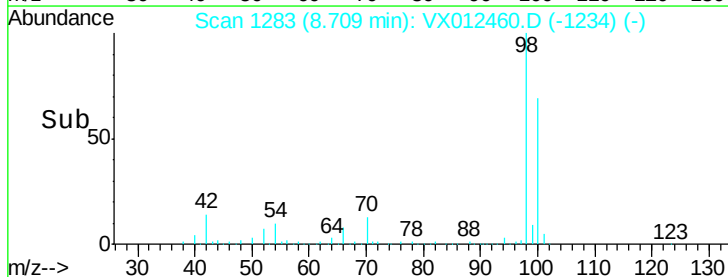
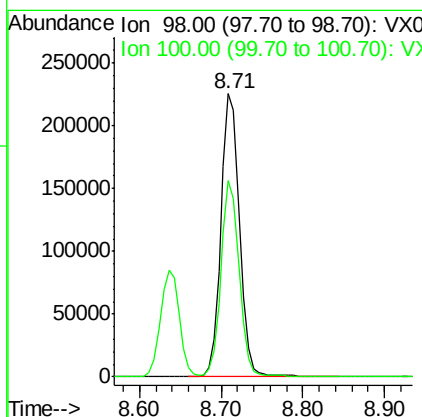
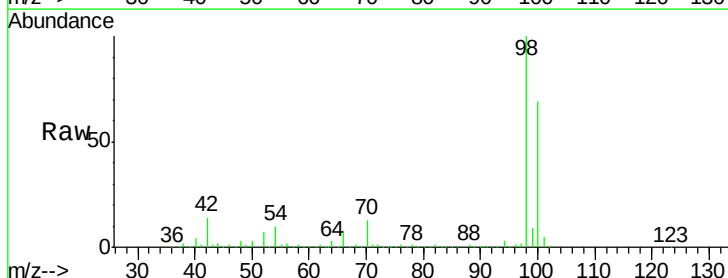
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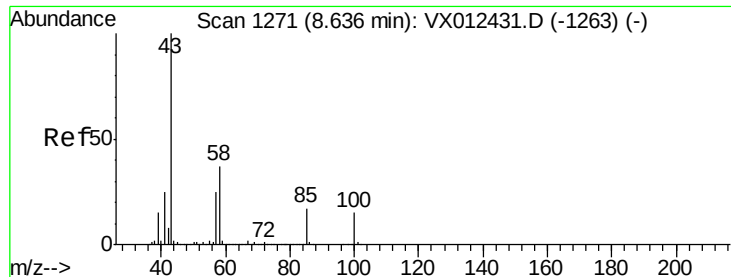
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#50
Toluene-d8
Concen: 48.036 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 238.763 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 872010

Ion Ratio Lower Upper

43 100

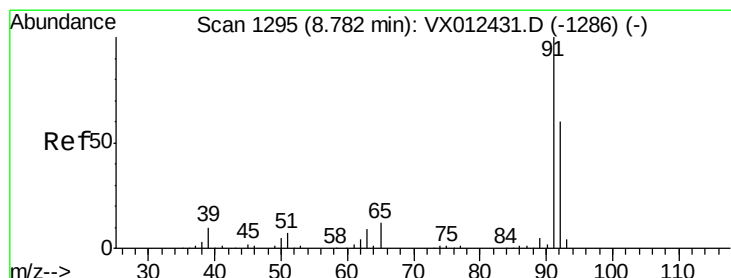
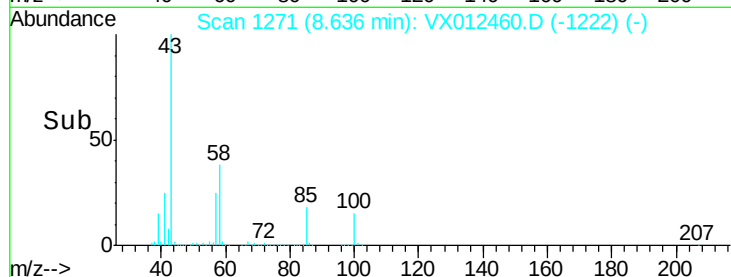
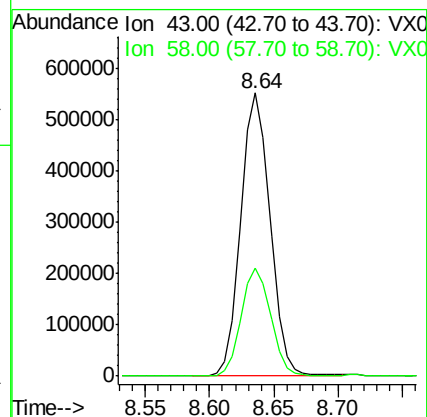
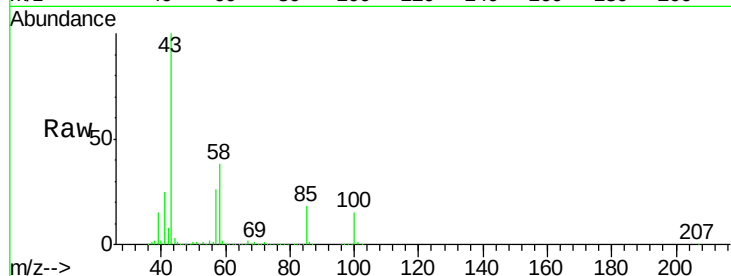
58 38.1 29.8 44.6

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#52

Toluene

Concen: 51.670 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012460.D

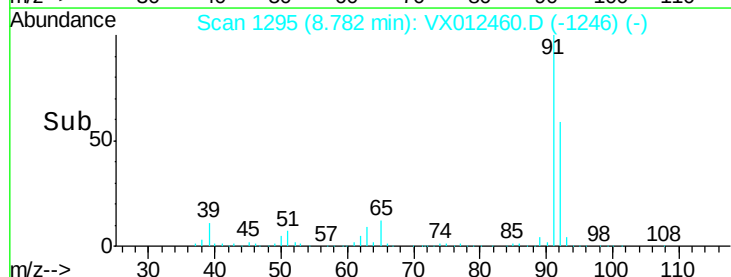
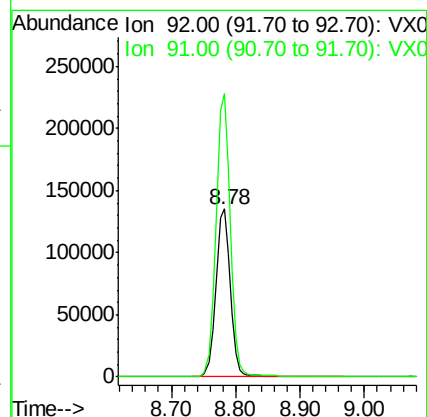
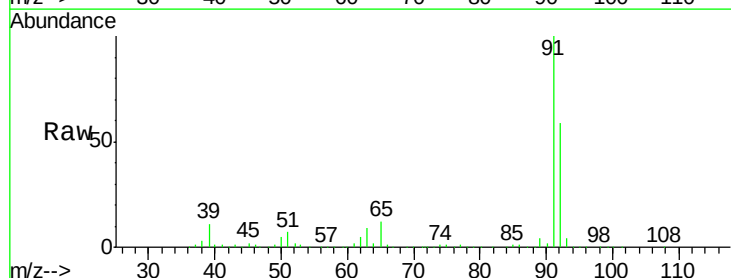
Acq: 18 Sep 2019 02:31

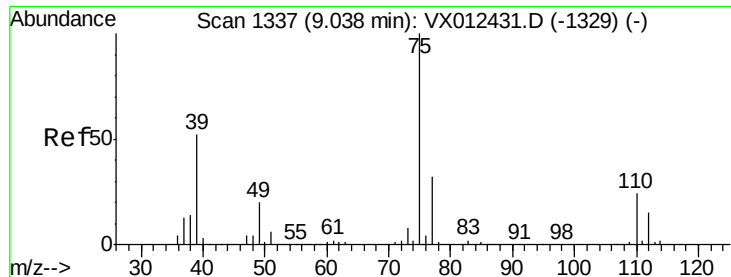
Tgt Ion: 92 Resp: 214022

Ion Ratio Lower Upper

92 100

91 168.0 135.4 203.0





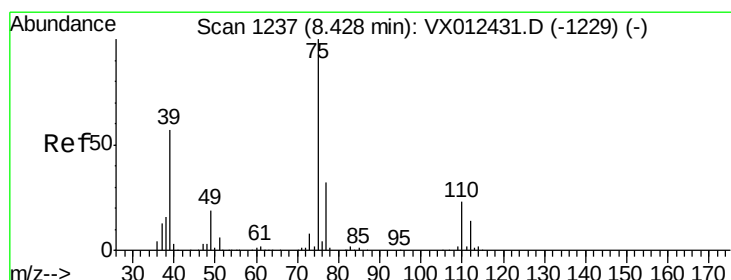
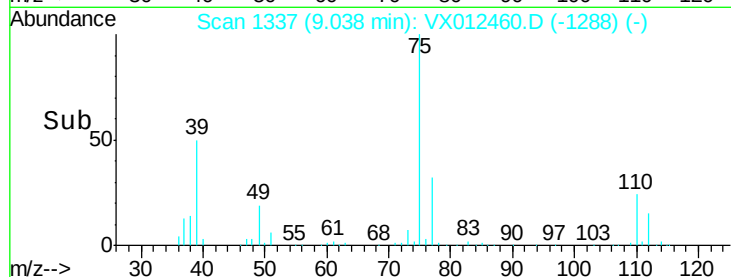
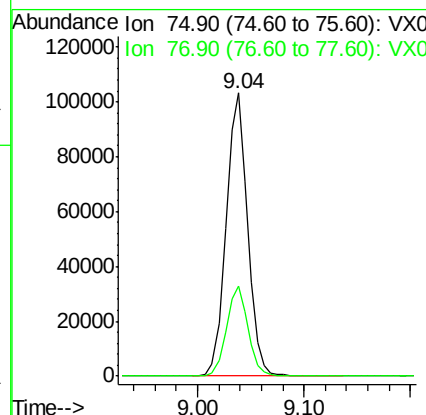
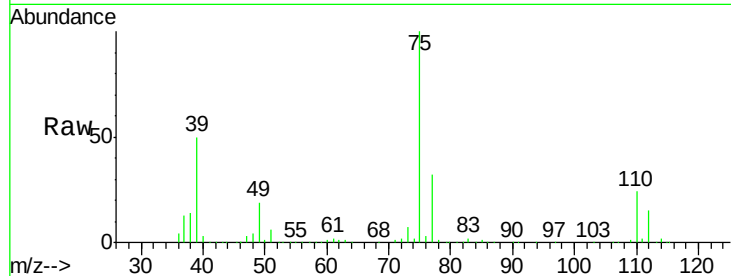
#53
t-1,3-Dichloropropene
Concen: 49.134 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8

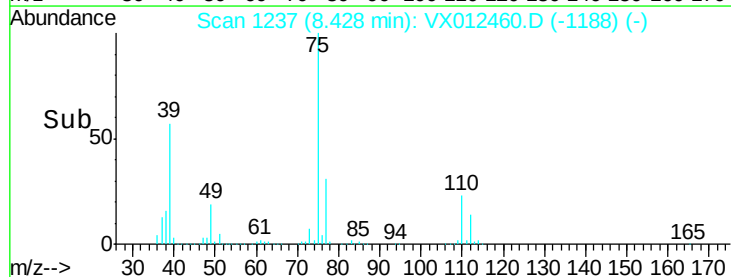
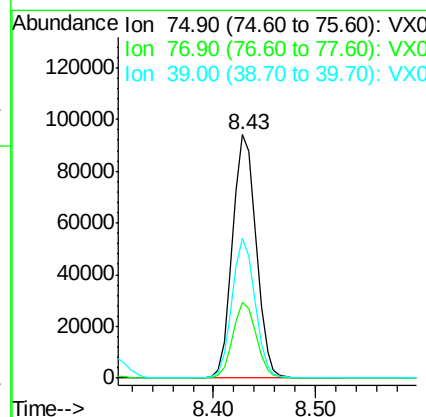
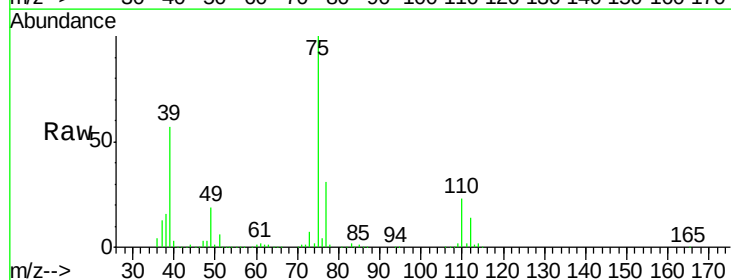
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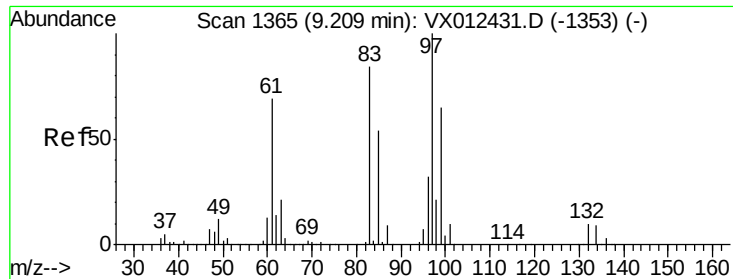
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#54
cis-1,3-Dichloropropene
Concen: 49.305 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.8
39	57.1	45.5	68.3





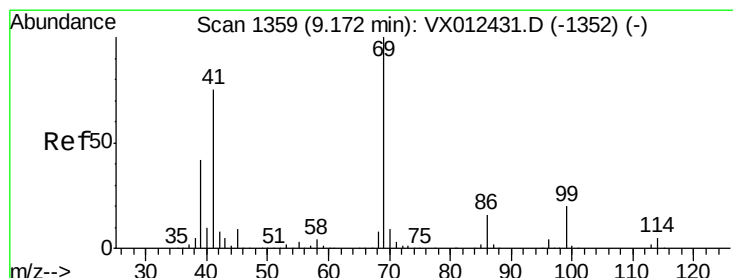
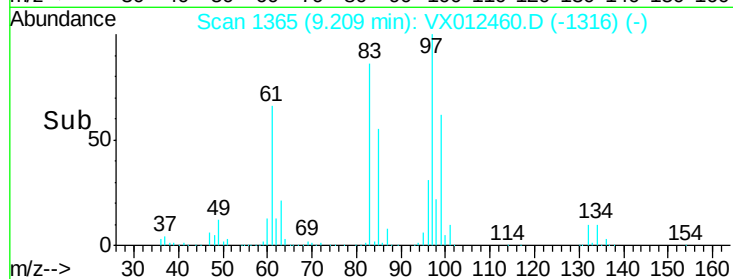
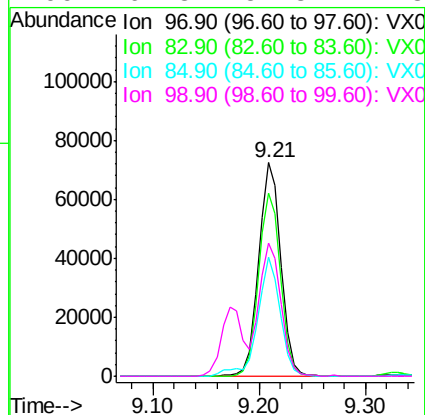
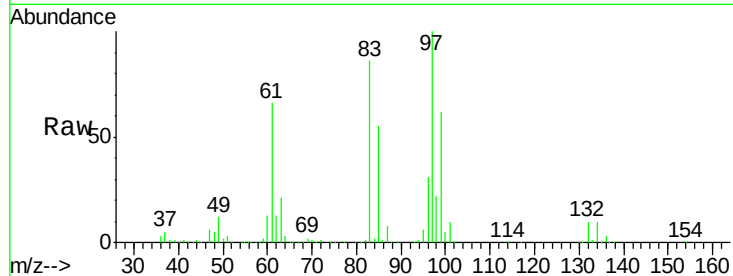
#55
 1,1,2-Trichloroethane
 Concen: 49.691 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	106040
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.4	101.2
85	55.5	43.5	65.3
99	62.3	51.8	77.8

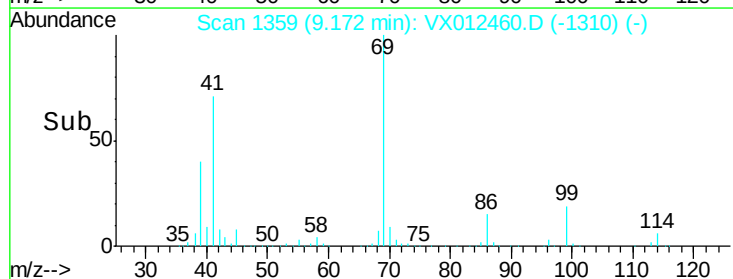
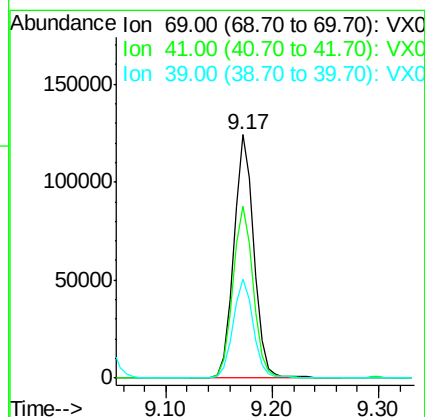
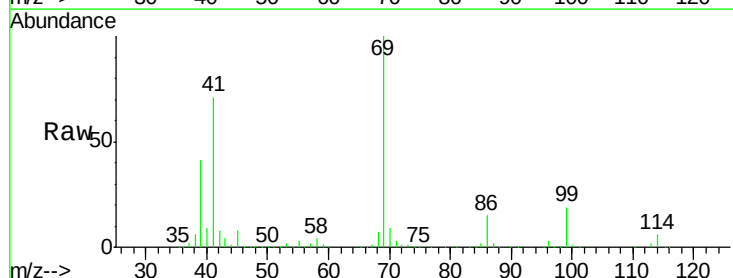
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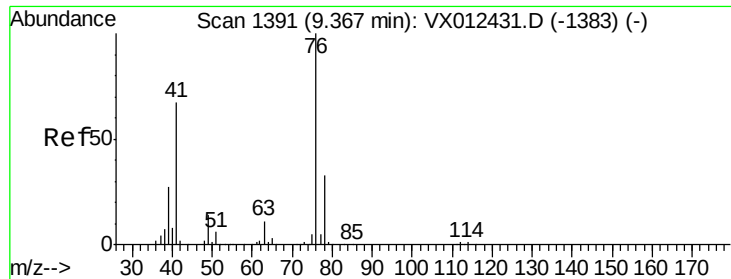
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#56
 Ethyl methacrylate
 Concen: 49.321 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion:	69	Resp:	164556
Ion	Ratio	Lower	Upper
69	100		
41	71.5	58.4	87.6
39	40.9	33.4	50.0





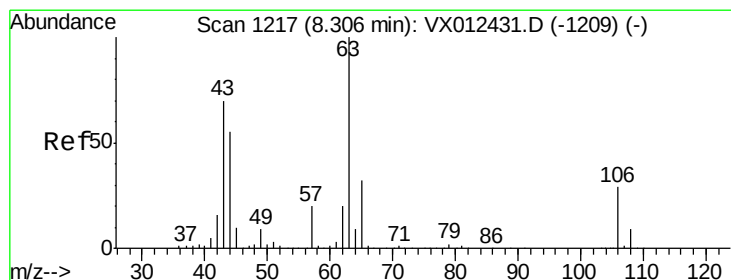
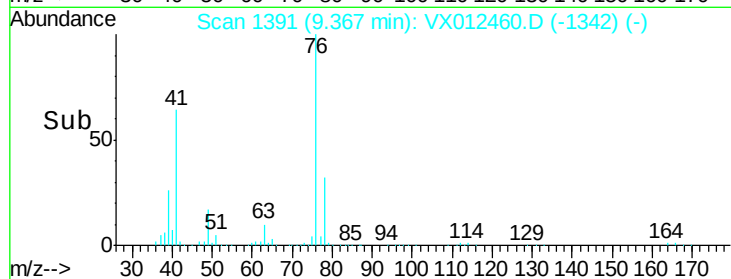
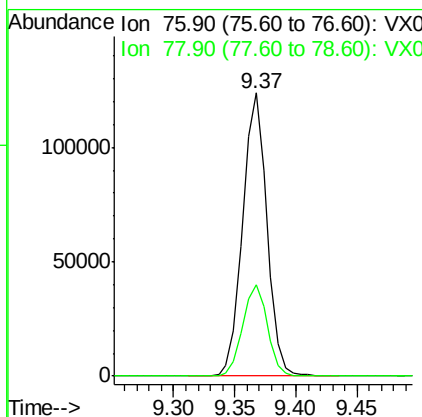
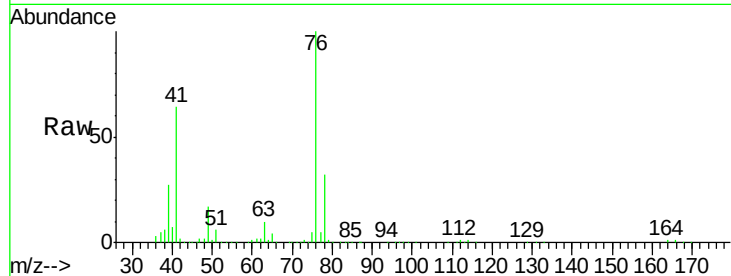
#57
 1,3-Dichloropropane
 Concen: 49.937 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.2

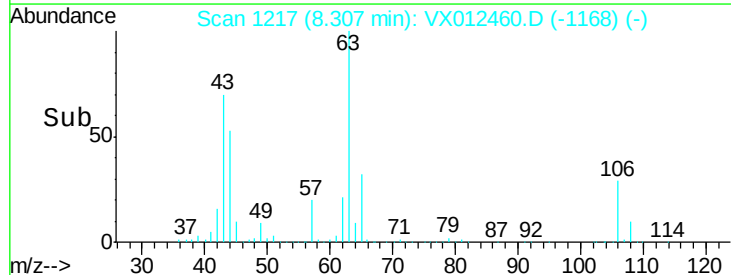
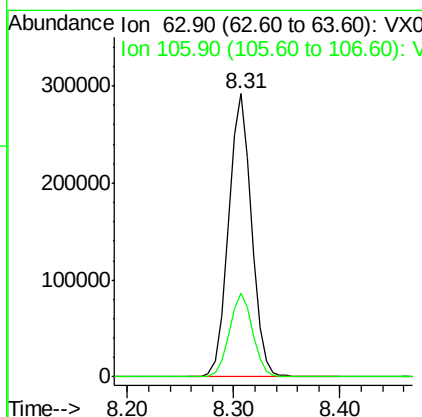
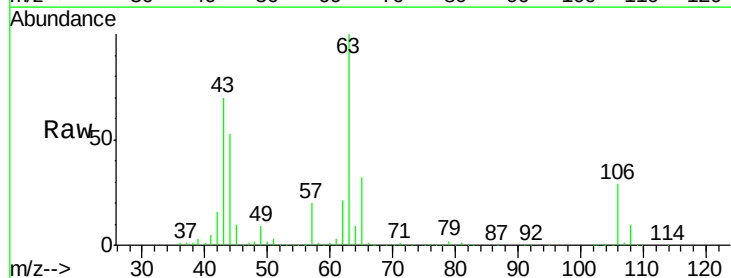
Manual Integrations
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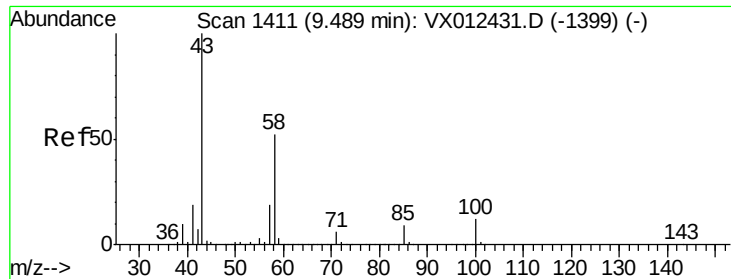
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.236 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.8	35.6





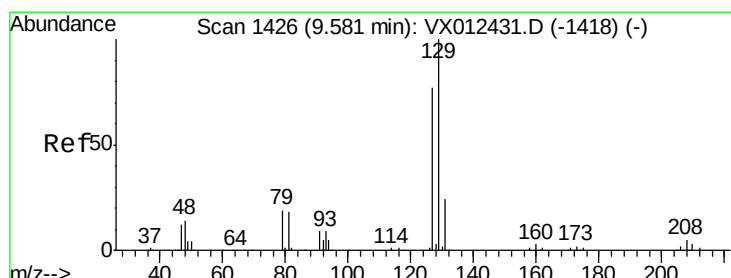
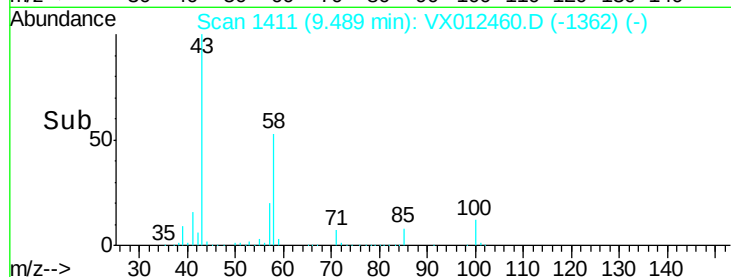
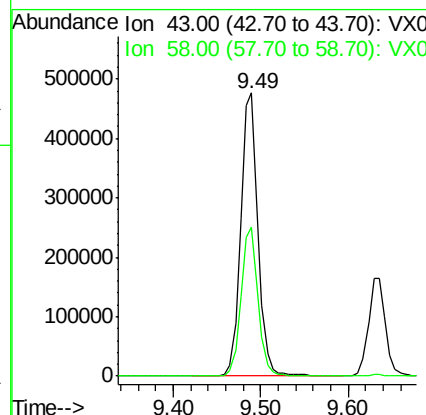
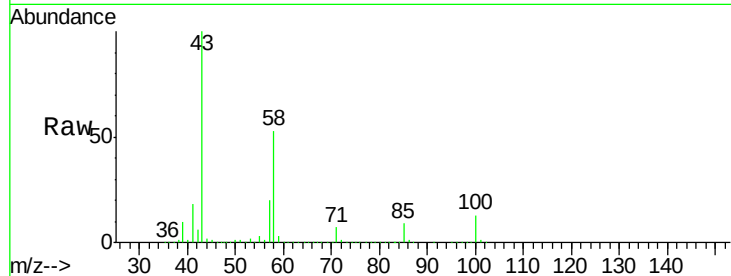
#59
2-Hexanone
Concen: 231.017 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 658243
Ion Ratio Lower Upper
43 100
58 52.3 25.7 77.1

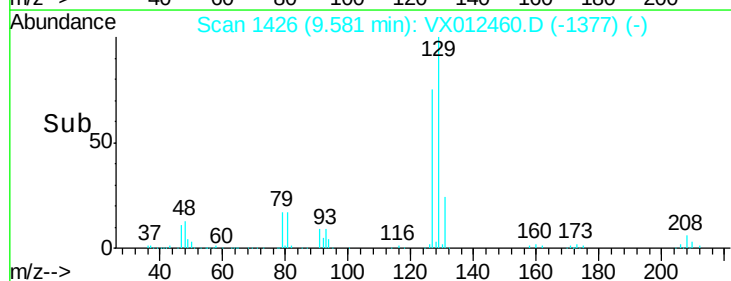
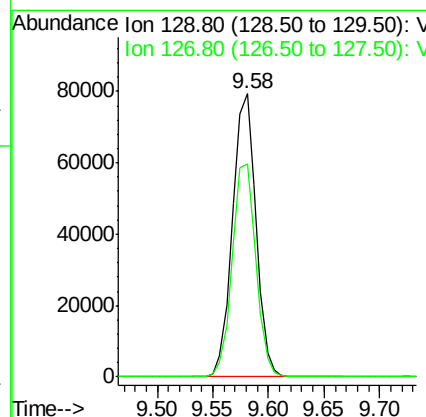
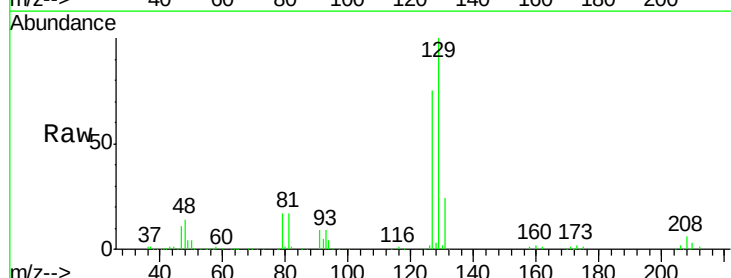
Manual Integrations
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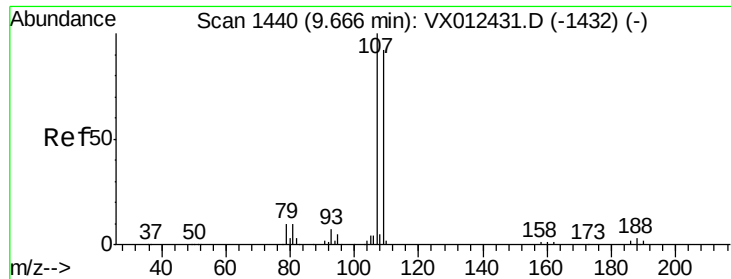
MMDadoda
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#60
Dibromochloromethane
Concen: 53.273 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 129 Resp: 115799
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6





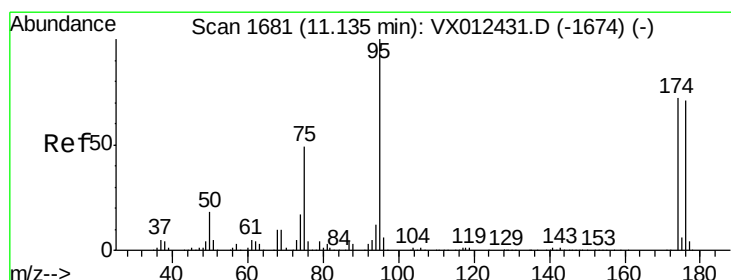
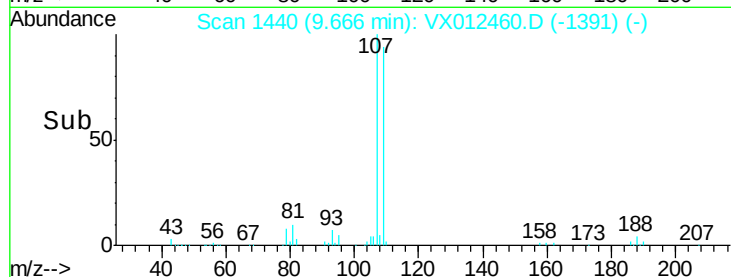
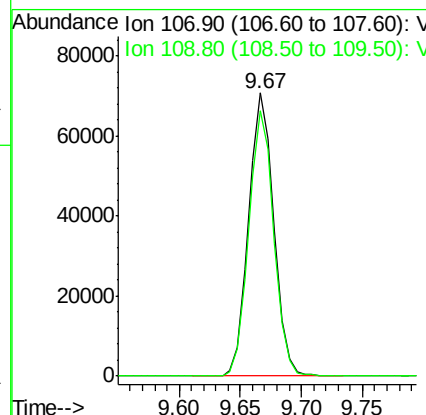
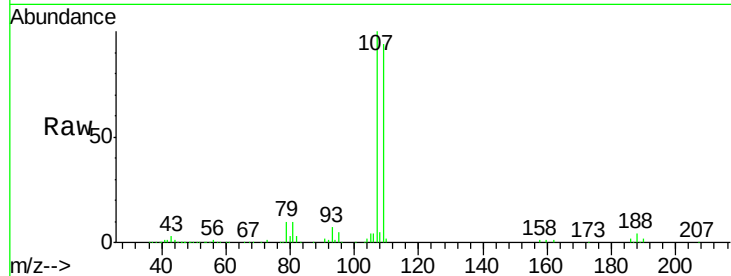
#61
 1,2-Dibromoethane
 Concen: 51.872 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	101096		
109	93.5	74.7	112.1	

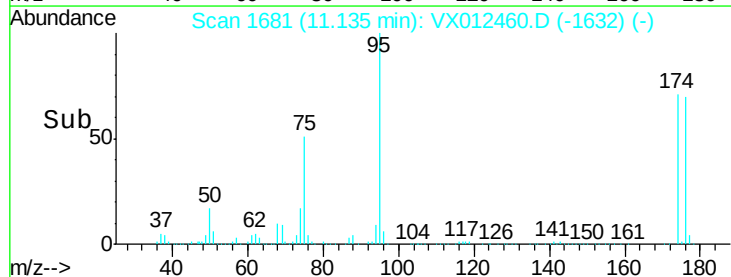
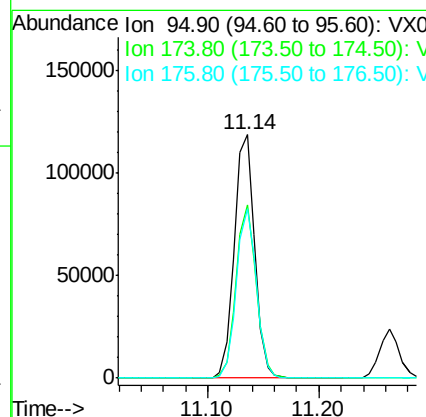
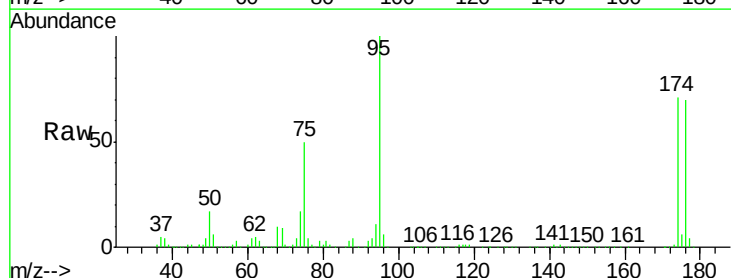
Manual Integrations
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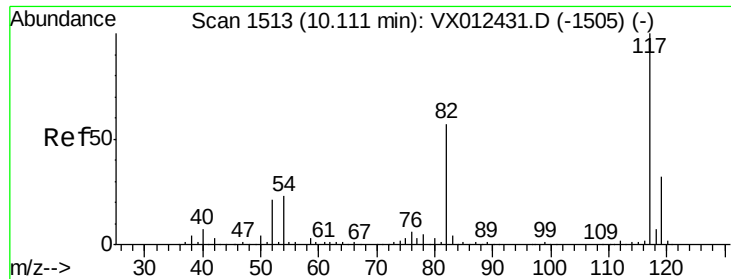
MMDadoda
 9/18/2019 11:21:57 AM



#62
 4-Bromofluorobenzene
 Concen: 48.348 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	149586		
174	70.3	0.0	140.0	
176	68.8	0.0	135.4	





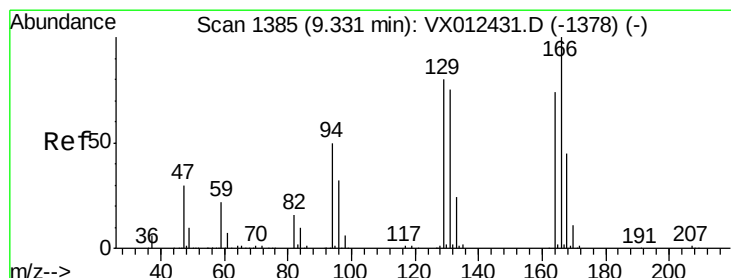
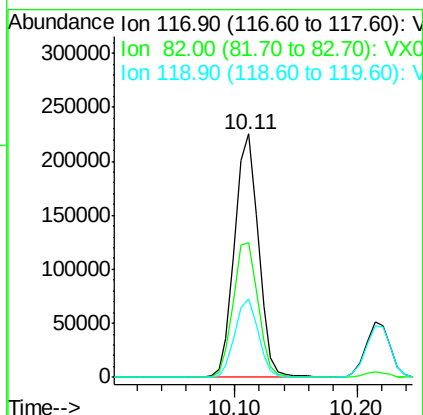
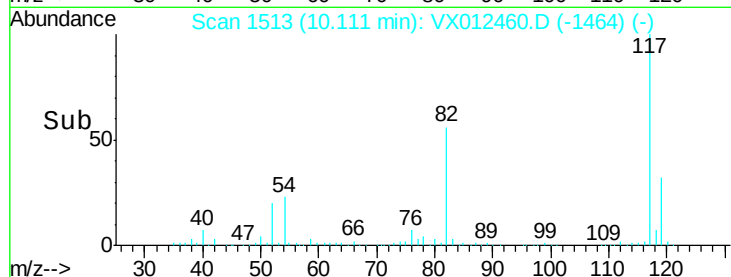
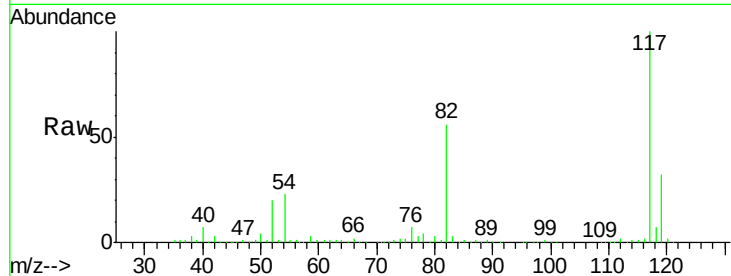
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.9	68.9
119	32.3	25.3	37.9

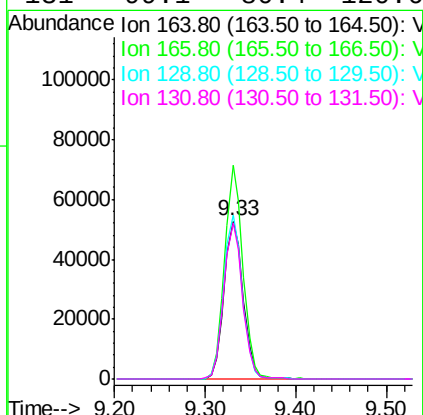
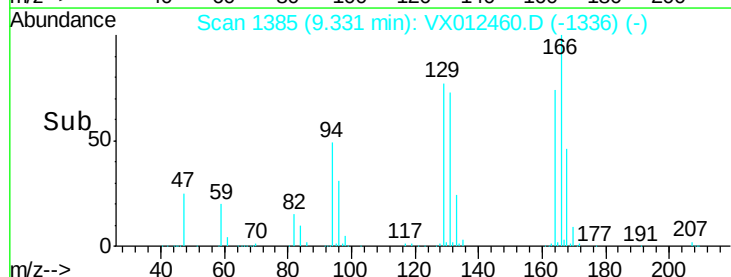
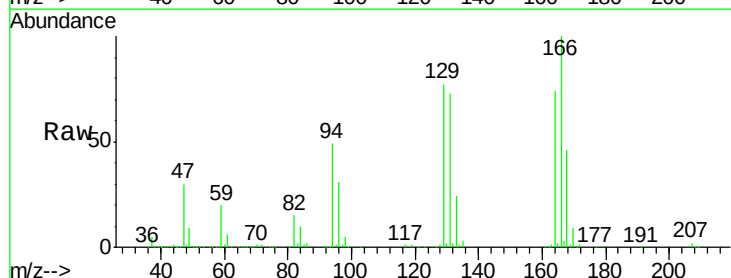
Manual Integrations
APPROVED

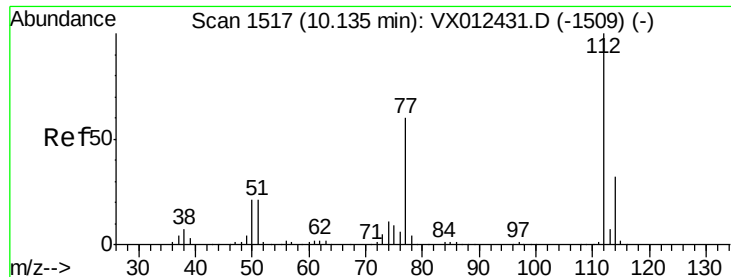
MMDadoda
9/18/2019 11:21:57 AM



#64
Tetrachloroethene
Concen: 55.841 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.4	107.8	161.6
129	103.7	86.2	129.2
131	99.1	80.4	120.6





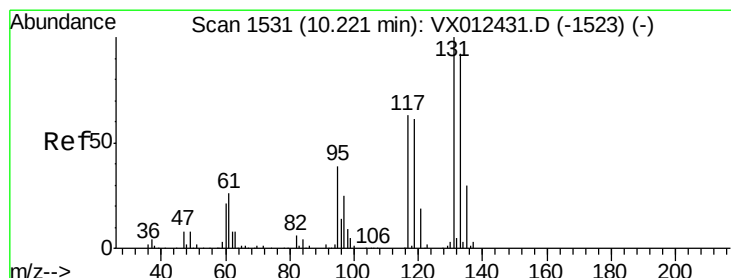
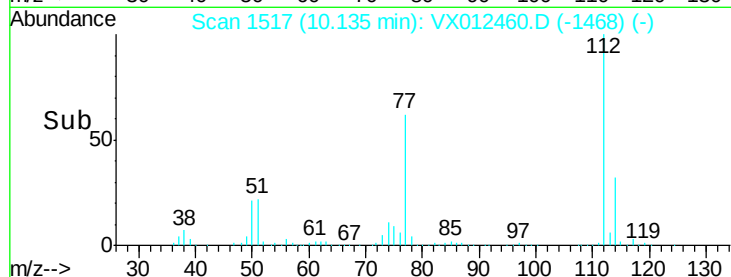
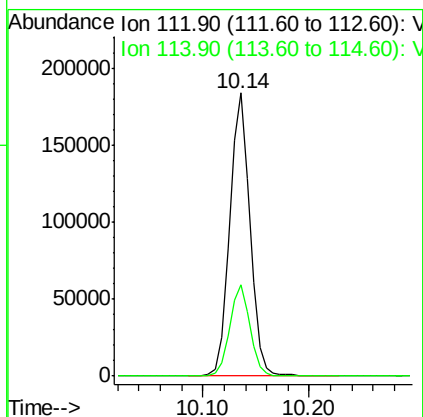
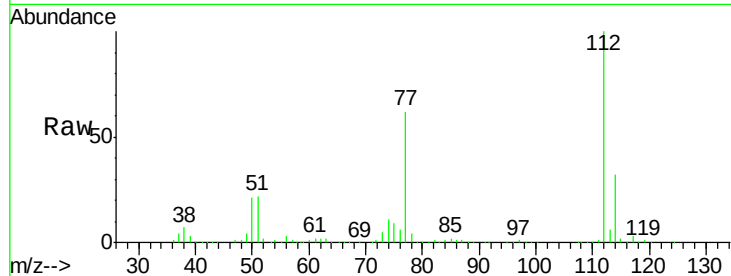
#65
Chlorobenzene
Concen: 49.314 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 246690
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

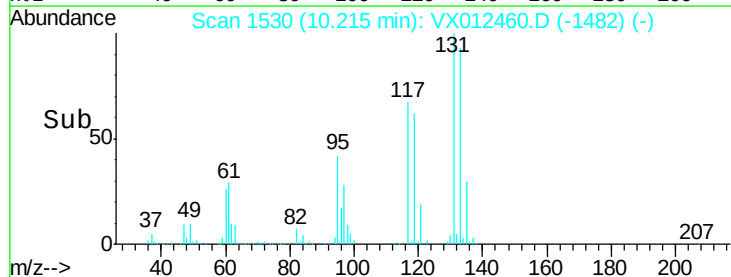
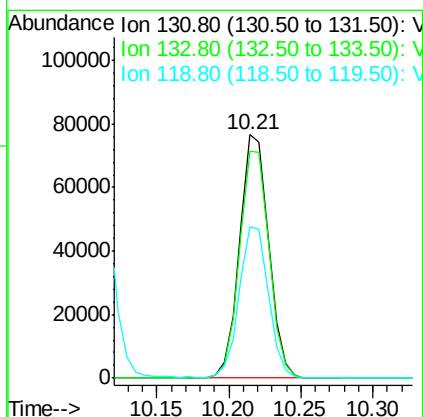
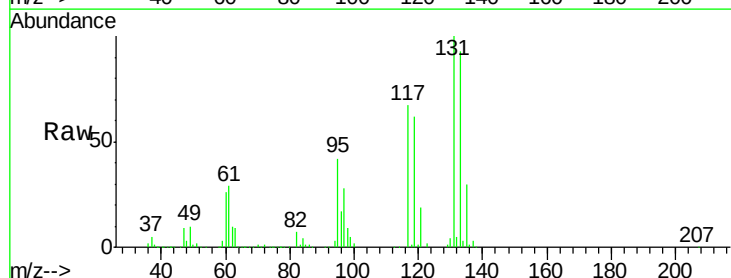
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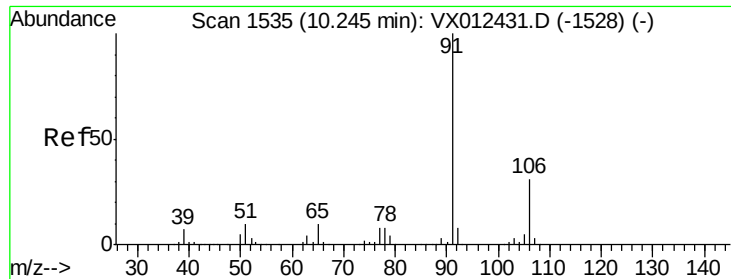
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.678 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion:131 Resp: 107292
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 62.7 31.3 93.8





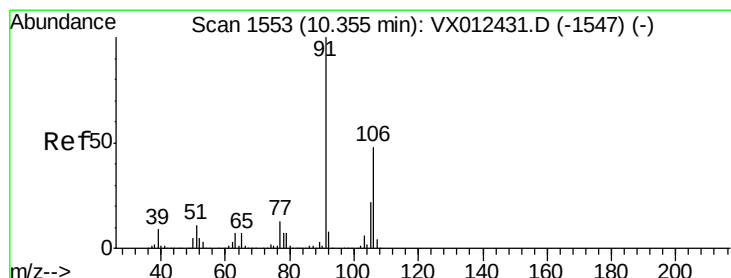
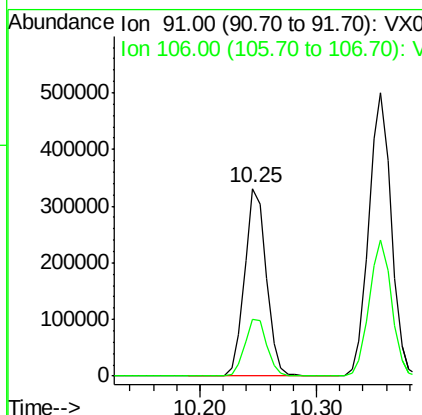
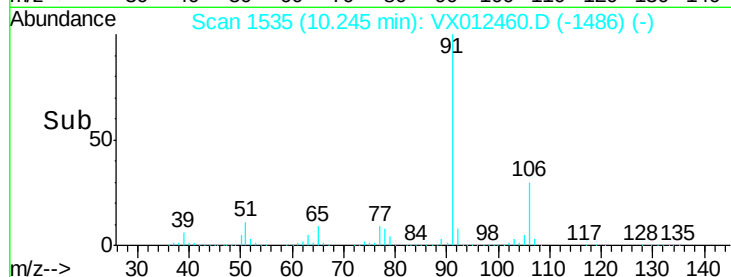
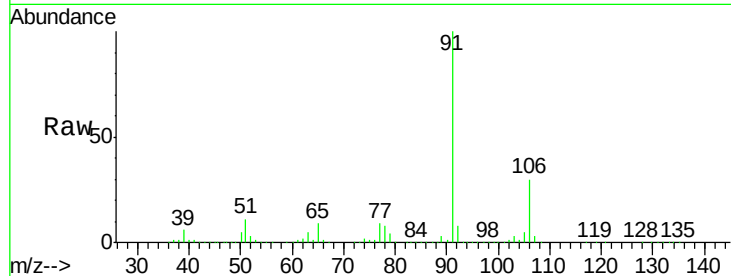
#67
Ethyl Benzene
Concen: 50.493 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 433967
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0

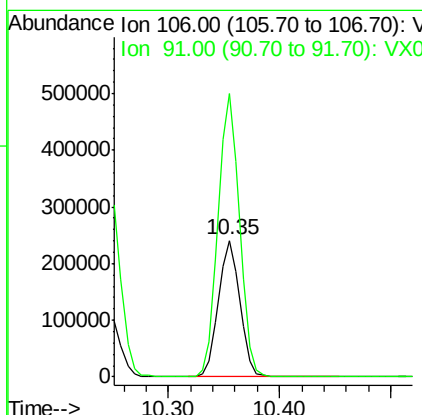
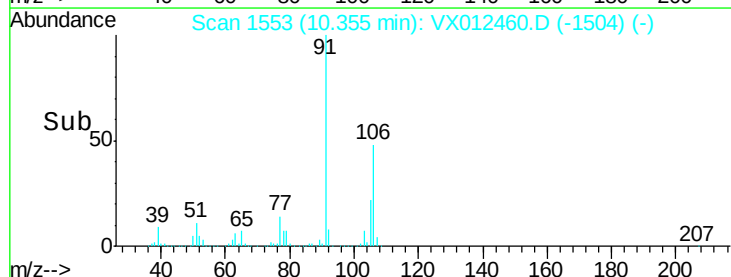
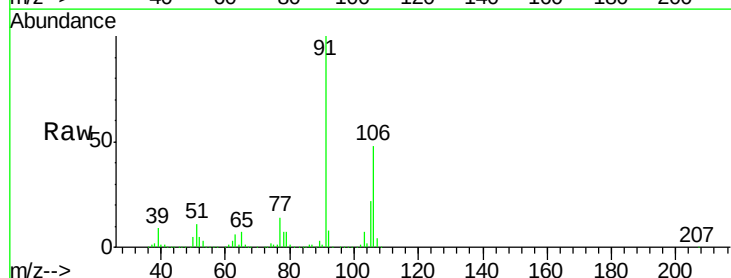
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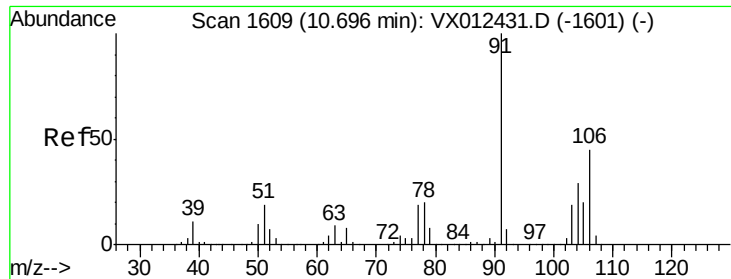
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#68
m/p-Xylenes
Concen: 102.883 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion: 106 Resp: 321727
Ion Ratio Lower Upper
106 100
91 207.4 166.6 250.0





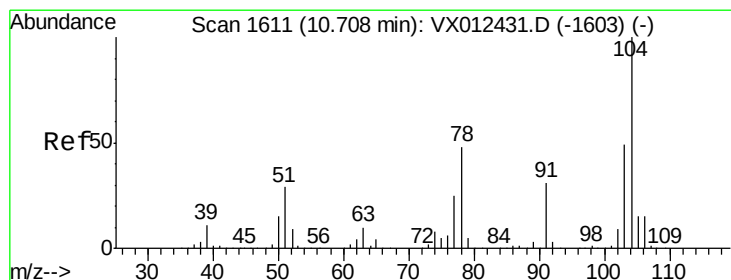
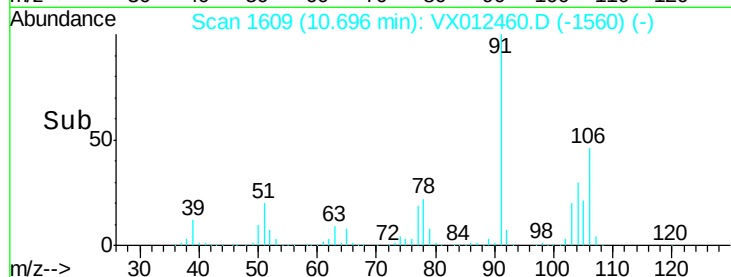
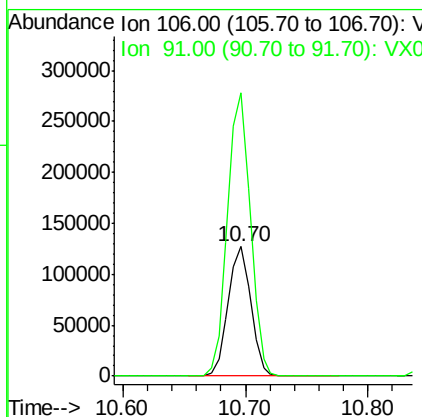
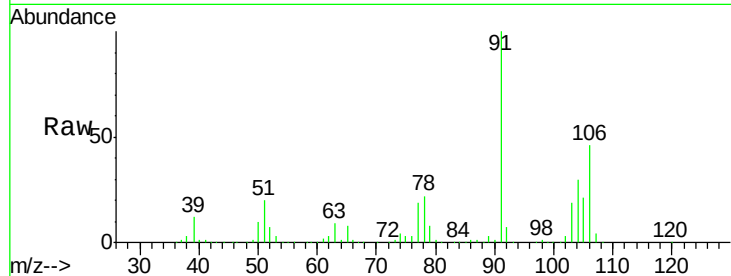
#69
o-Xylene
Concen: 50.575 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 162648
Ion Ratio Lower Upper
106 100
91 221.6 109.4 328.2

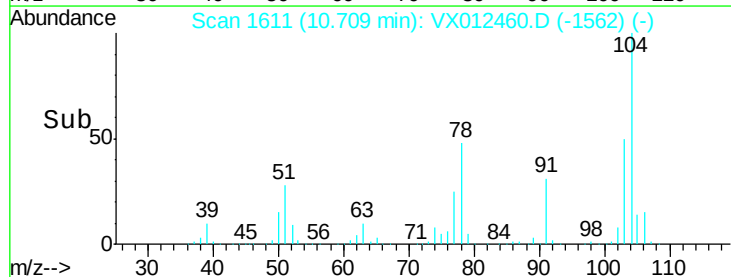
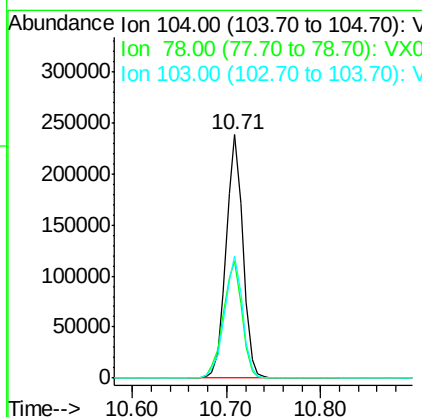
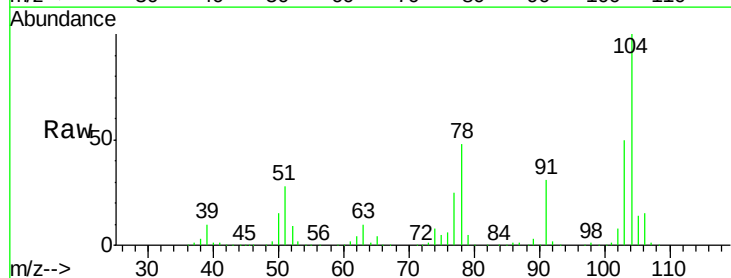
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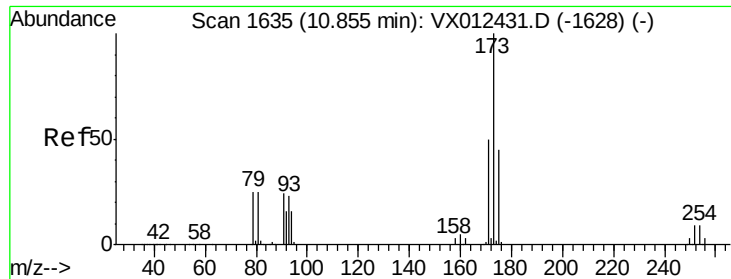
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#70
Styrene
Concen: 51.822 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion:104 Resp: 294867
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.2
103 54.0 43.3 64.9





#71

Bromoform

Concen: 44.861 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 79634

Ion Ratio Lower Upper

173 100

175 49.6 23.7 71.1

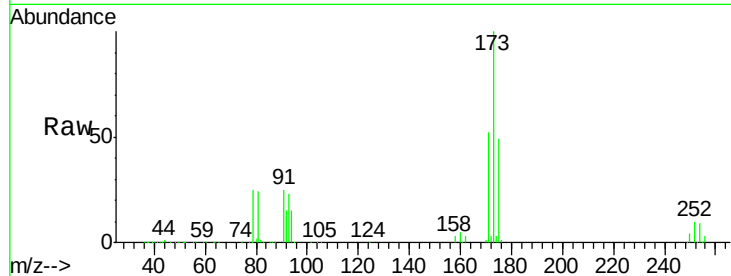
254 0.2 0.1 0.1#

Manual Integrations

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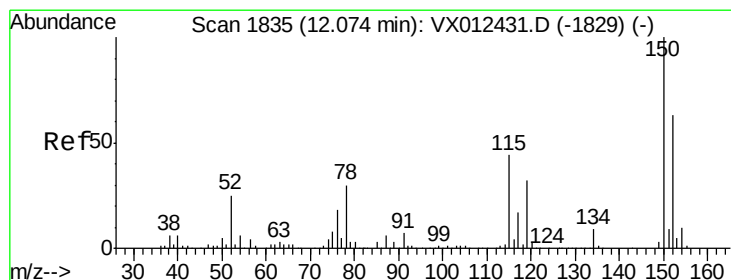
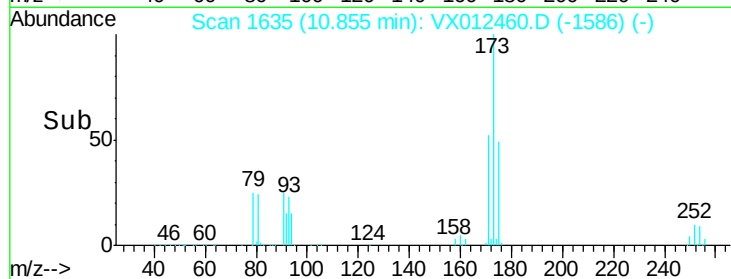
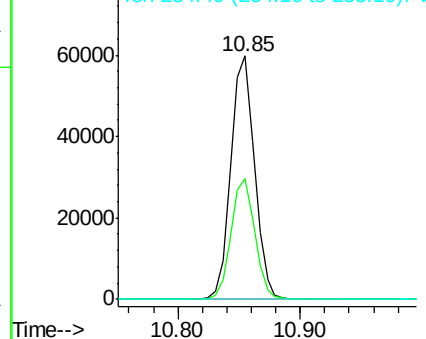
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

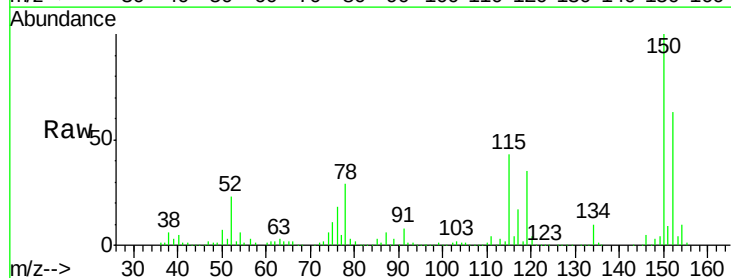
Tgt Ion:152 Resp: 150482

Ion Ratio Lower Upper

152 100

115 84.8 44.1 132.3

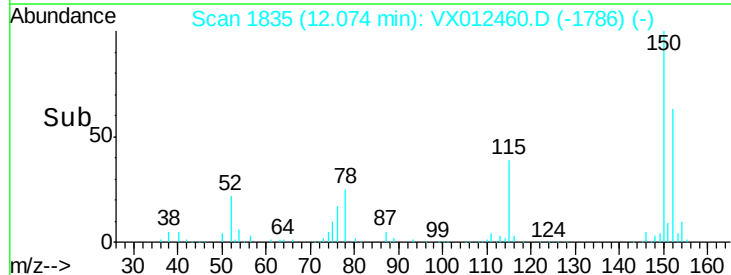
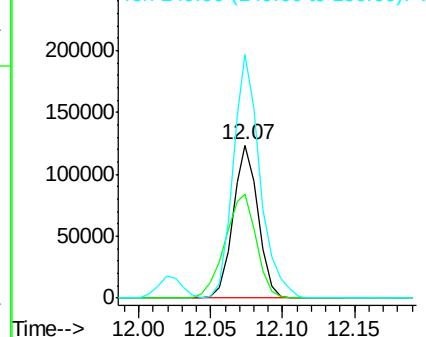
150 171.2 0.0 343.8

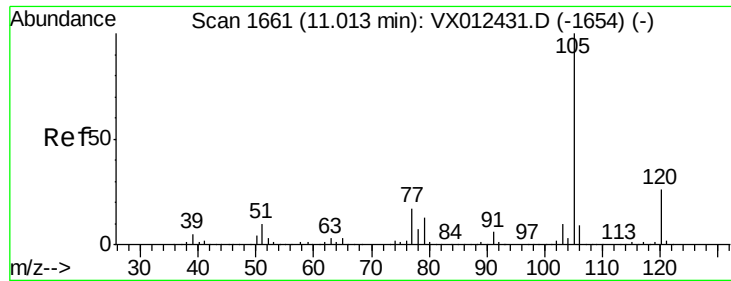


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.026 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 462898

Ion Ratio Lower Upper

105 100

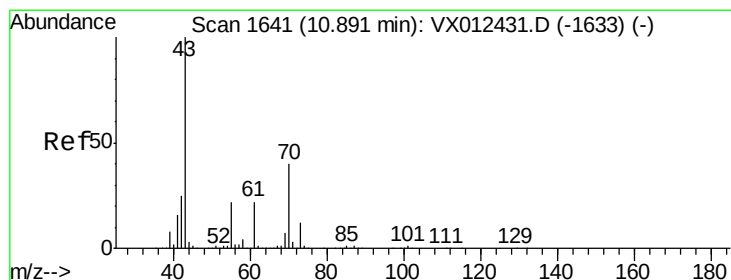
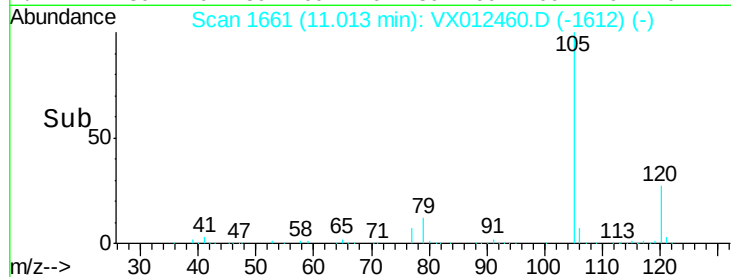
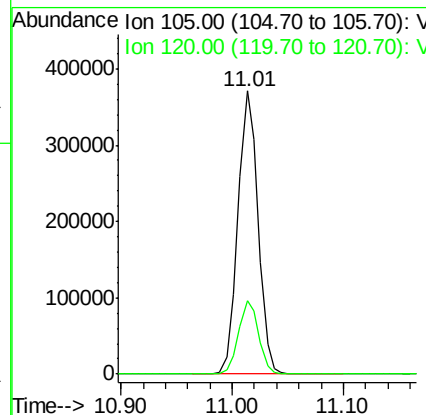
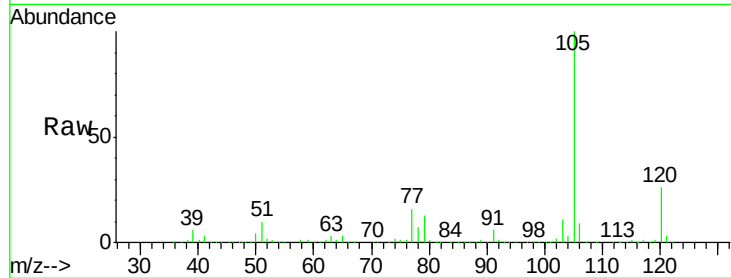
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 43.233 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion: 43 Resp: 219768

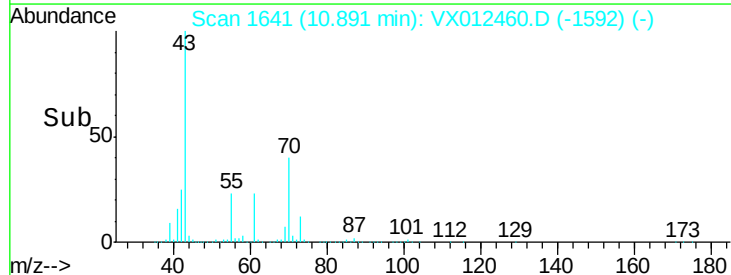
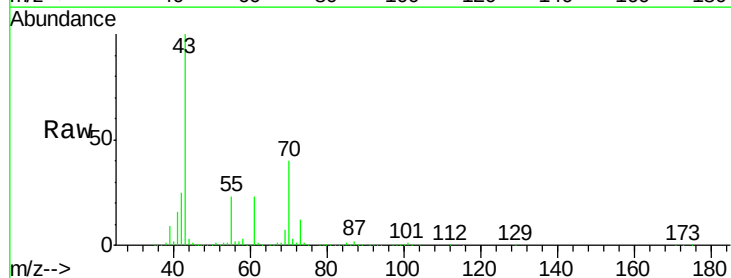
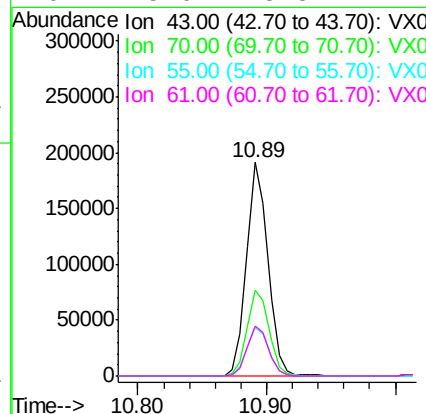
Ion Ratio Lower Upper

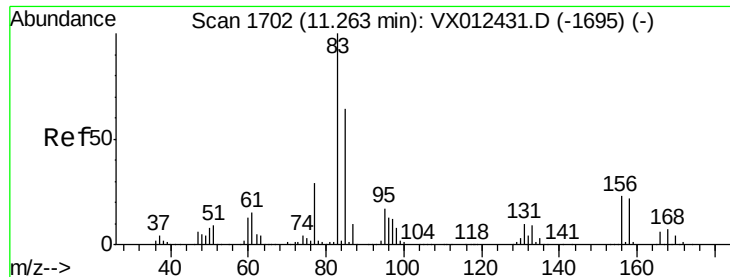
43 100

70 41.3 32.4 48.6

55 23.5 18.2 27.4

61 23.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.927 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

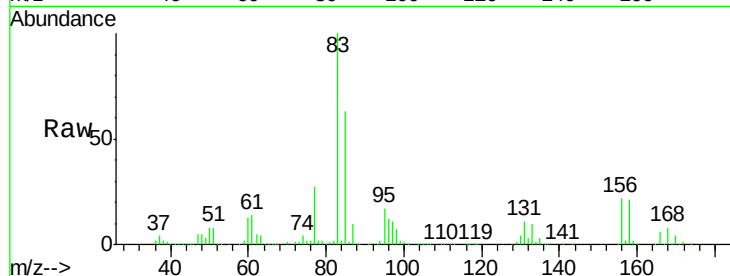
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	173807
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	63.1	32.0	96.0

Manual Integrations
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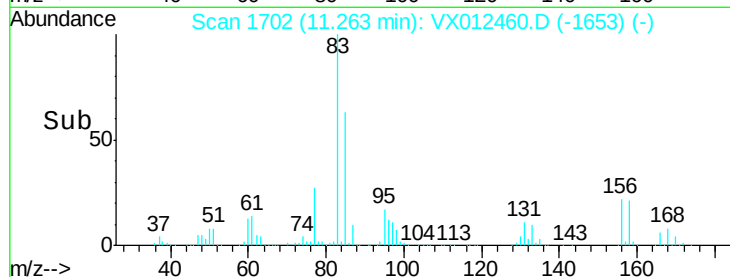


Abundance Ion 82.90 (82.60 to 83.60): VX0

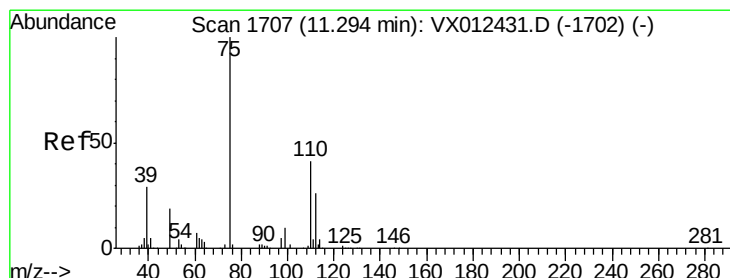
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 47.393 ug/l m

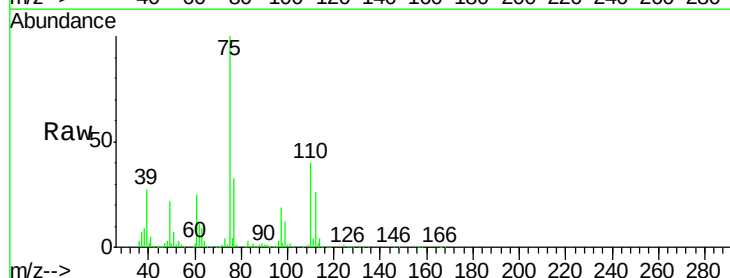
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

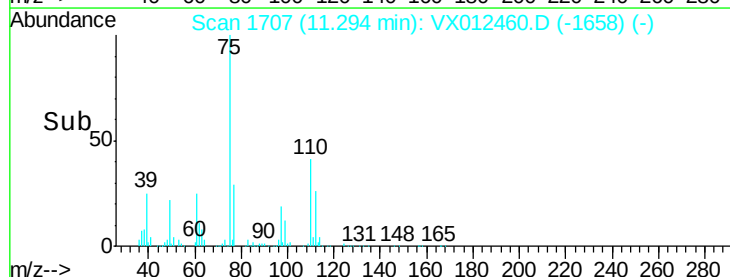
Tgt Ion:	75	Resp:	163822
Ion Ratio	Lower	Upper	
75	100		
77	37.7	19.7	59.0



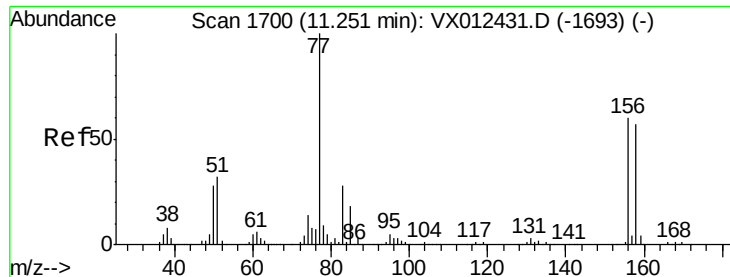
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->



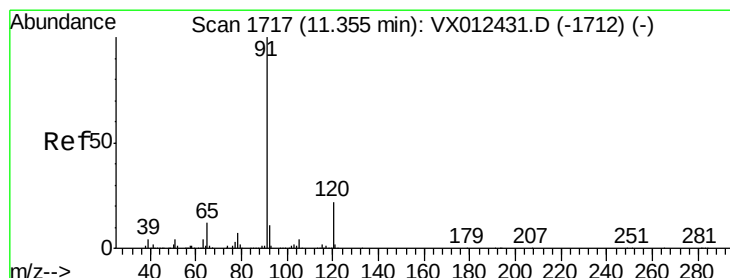
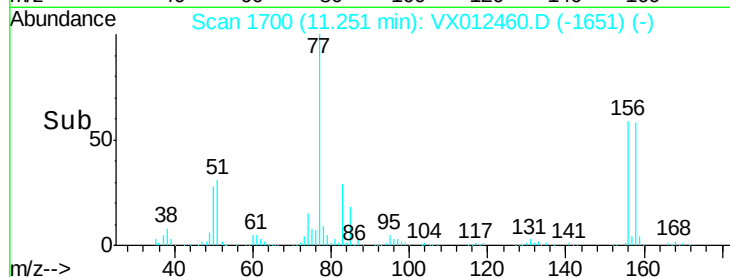
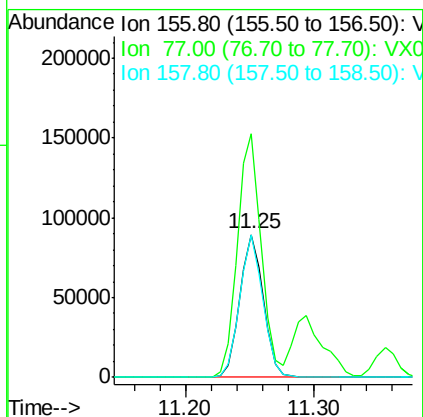
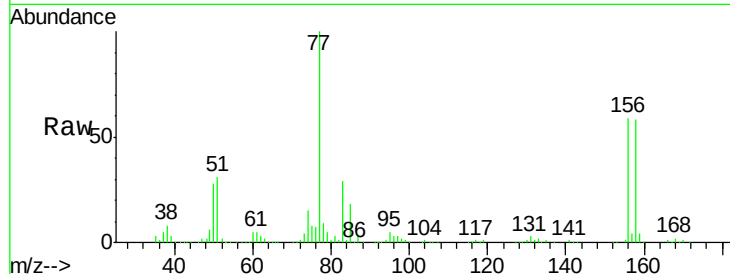
#77
Bromobenzene
Concen: 48.996 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	174.3	87.3	261.8
158	98.3	48.5	145.6

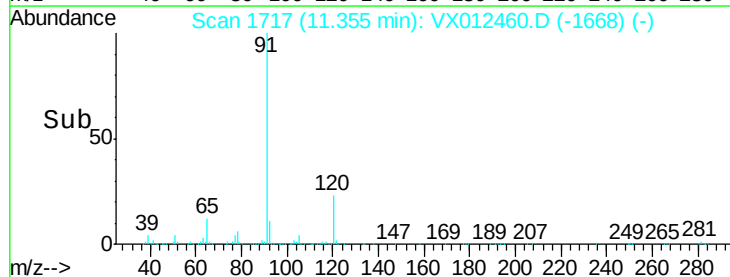
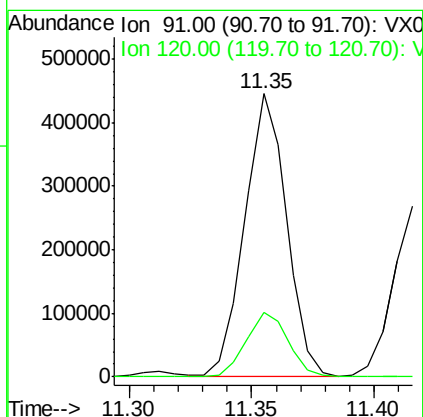
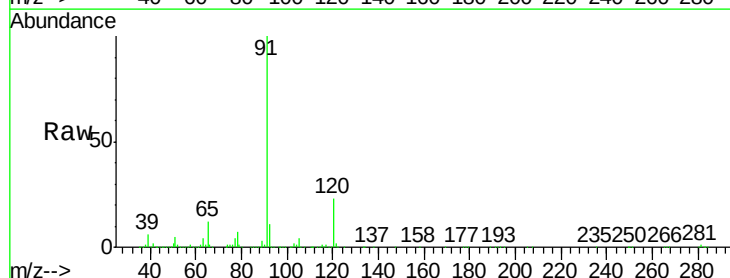
Manual Integrations
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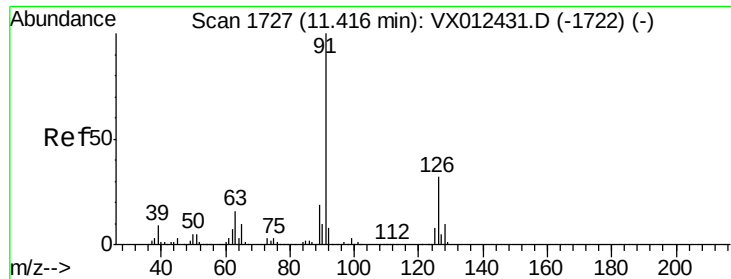
MMDadoda
9/18/2019 11:21:57 AM



#78
n-propylbenzene
Concen: 50.123 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.3	33.8





#79

2-Chlorotoluene

Concen: 47.862 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 327666

Ion Ratio Lower Upper

91 100

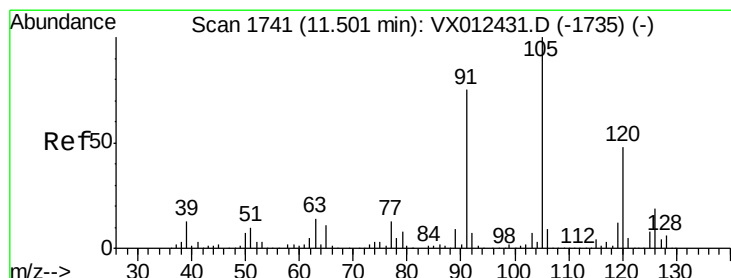
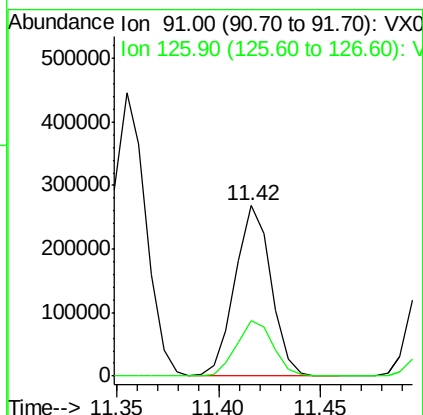
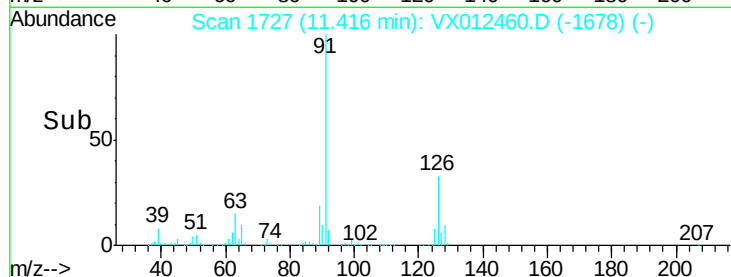
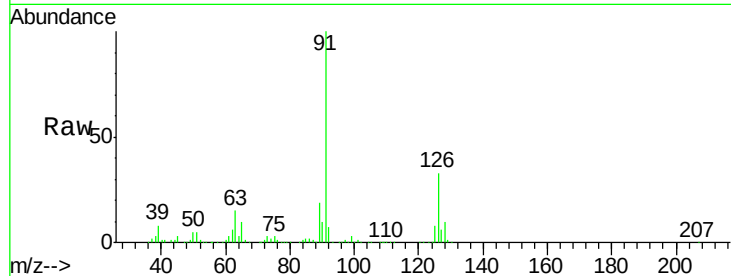
126 33.2 16.4 49.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.710 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012460.D

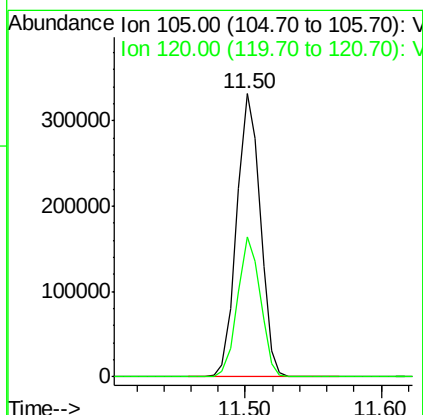
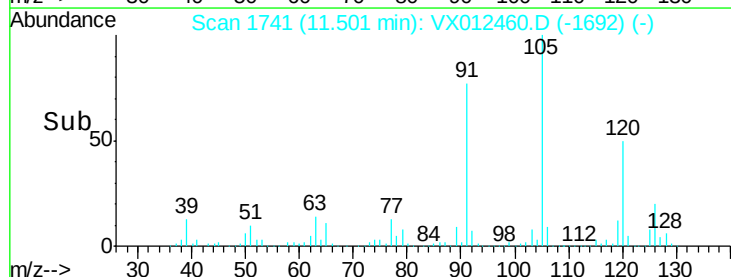
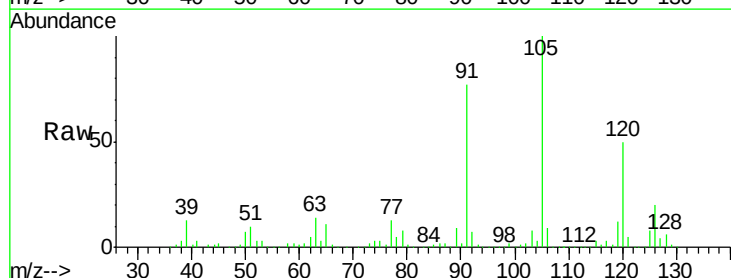
Acq: 18 Sep 2019 02:31

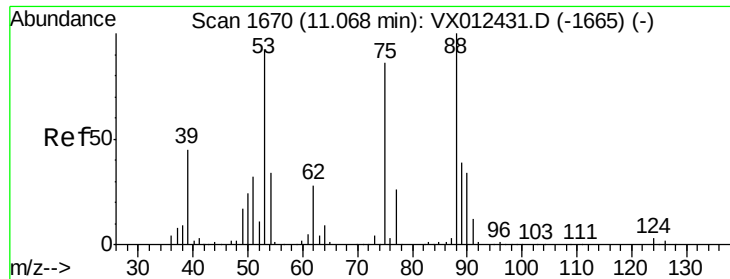
Tgt Ion: 105 Resp: 400284

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





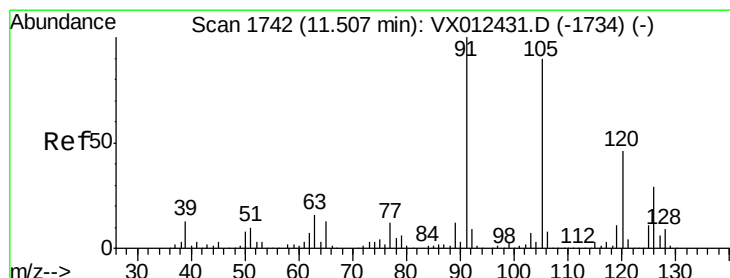
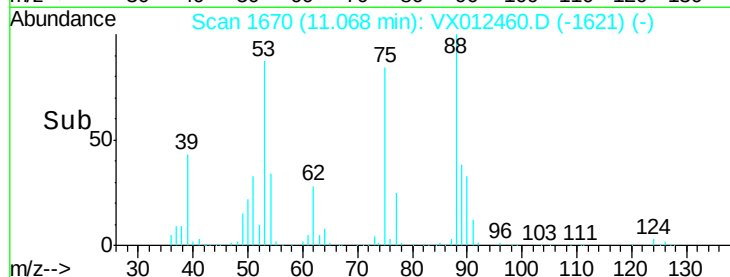
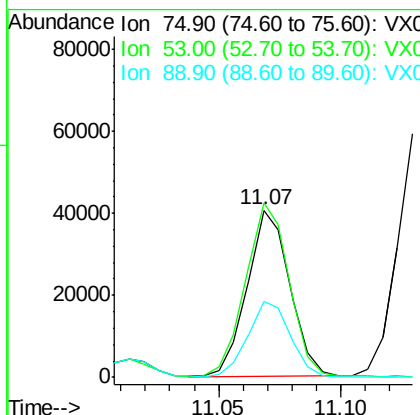
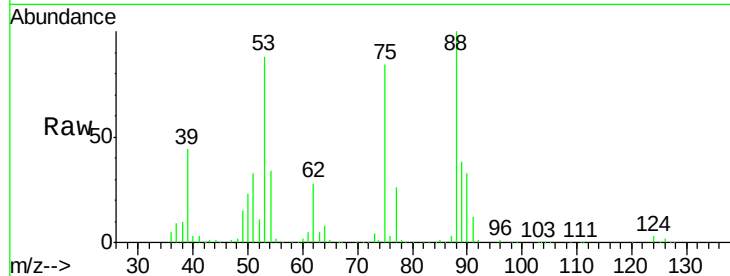
#81
trans-1,4-Dichloro-2-butene
Concen: 39.874 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.3	83.6	125.4
89	46.2	36.3	54.5

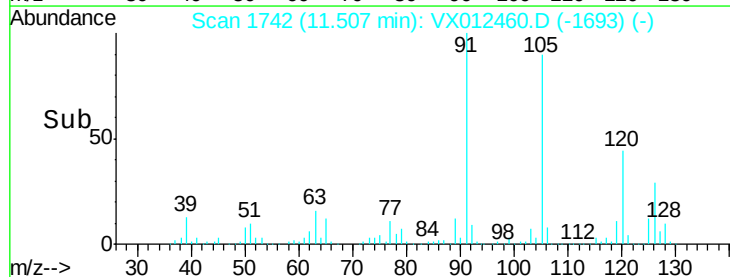
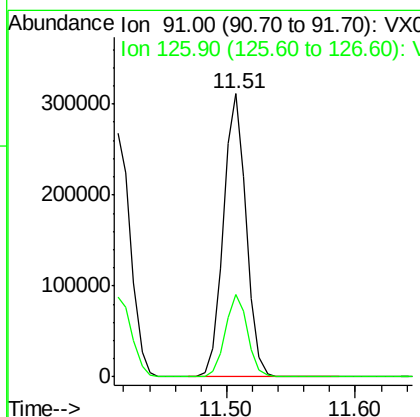
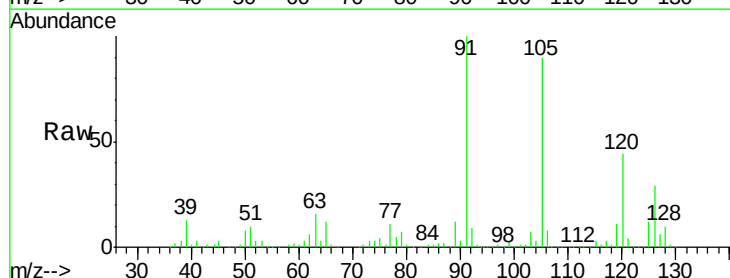
Manual Integrations
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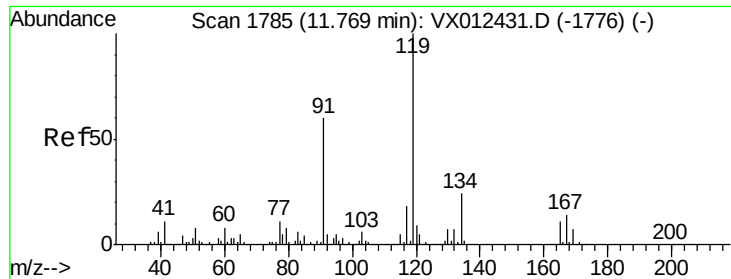
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.230 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012460.D
Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.4	43.0





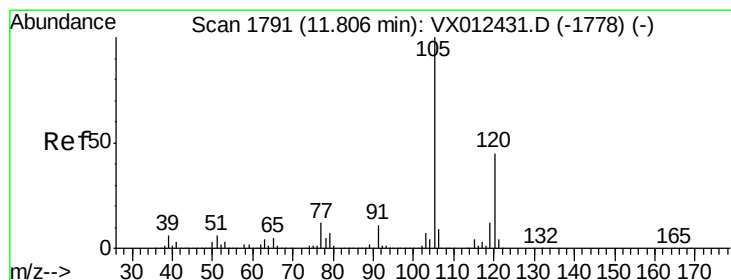
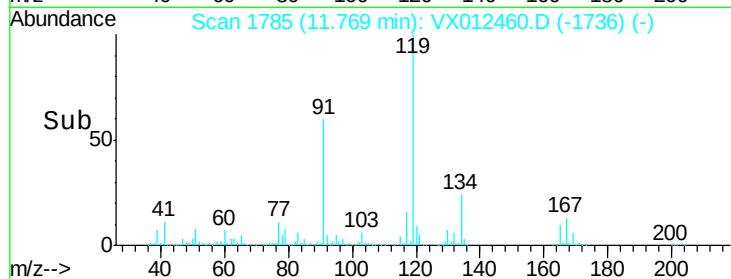
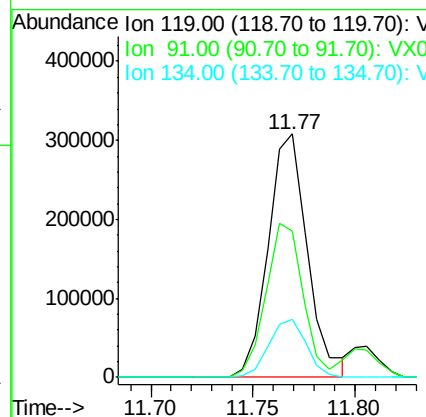
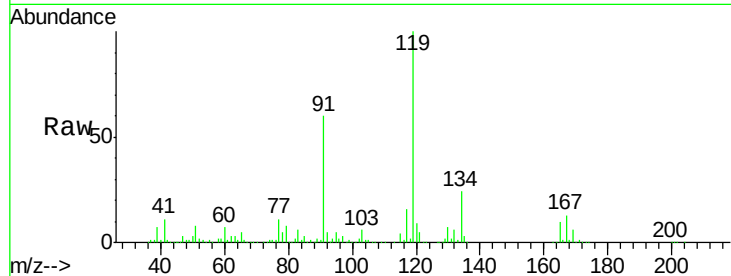
#83
 tert-Butylbenzene
 Concen: 47.935 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	413608		
91	59.8	30.0	90.0	
134	22.9	11.3	33.9	

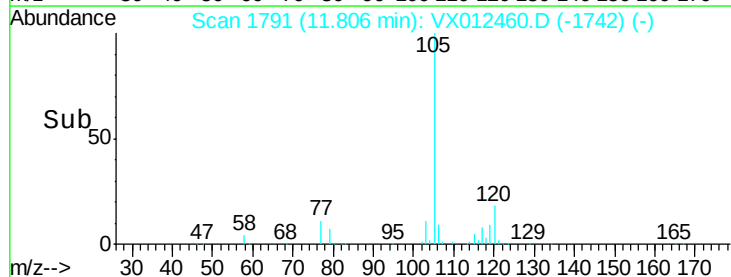
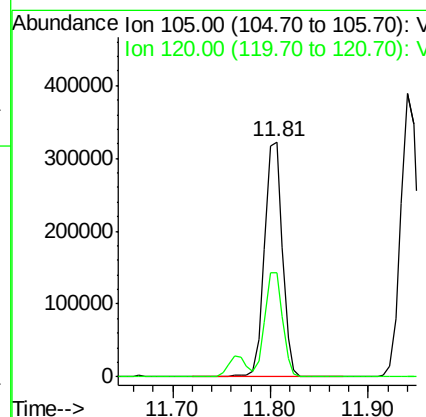
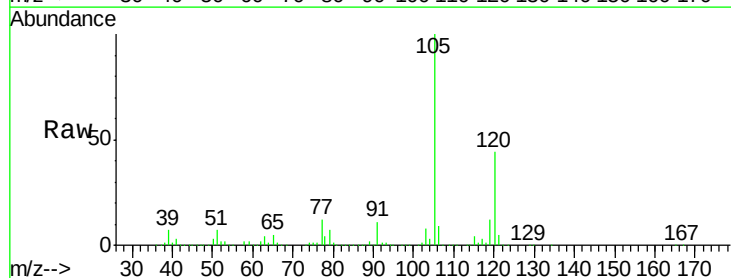
Manual Integrations
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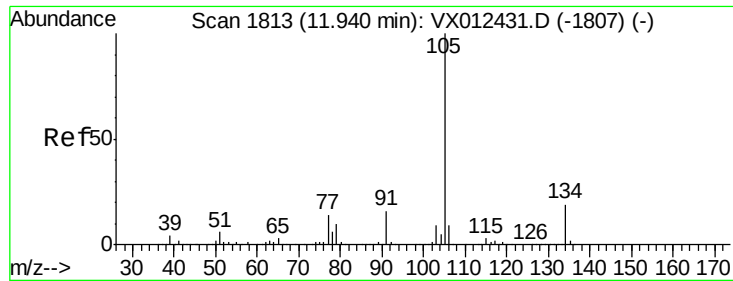
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.807 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	411800		
120	44.3	22.2	66.6	





#85

sec-Butylbenzene

Concen: 49.799 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 473486

Ion Ratio Lower Upper

105 100

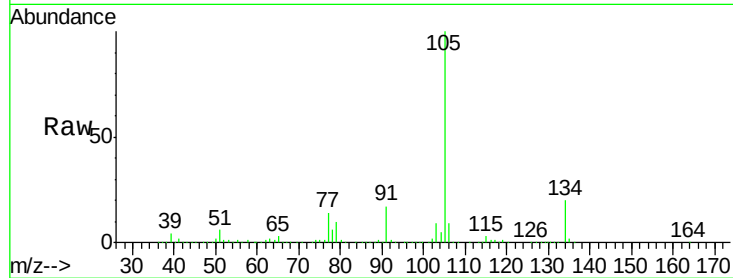
134 20.2 9.8 29.4

Manual Integrations

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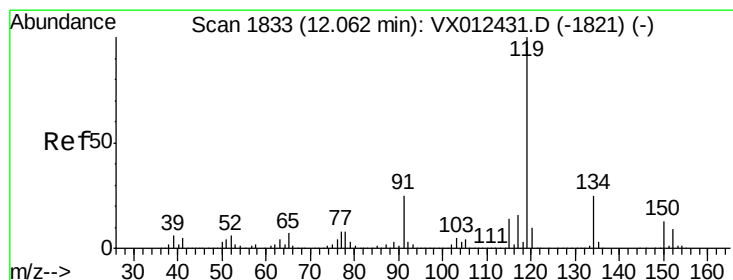
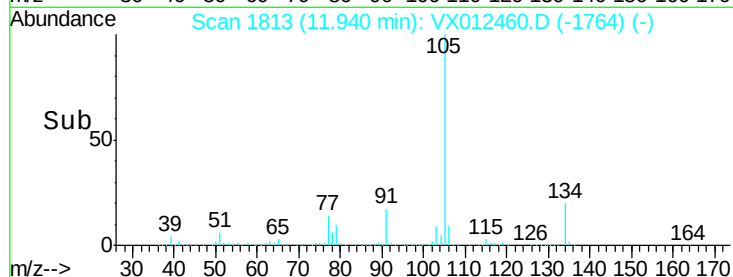
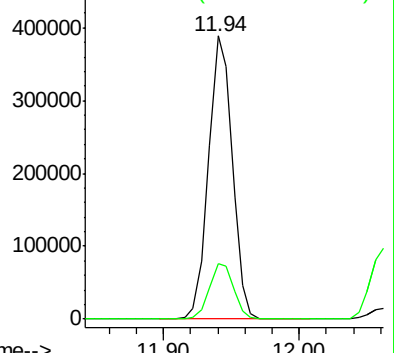
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.154 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

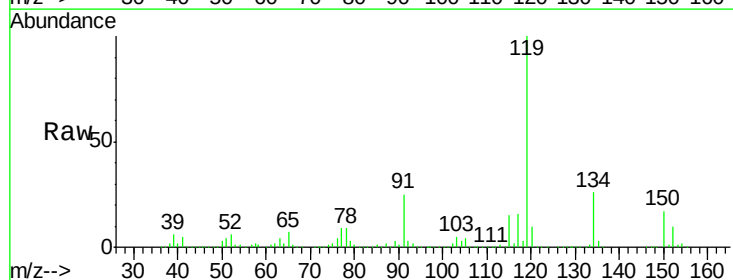
Tgt Ion:119 Resp: 437875

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

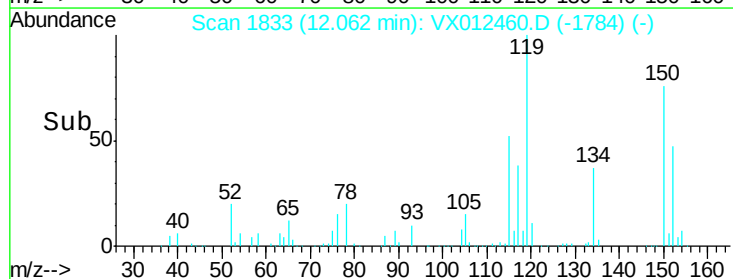
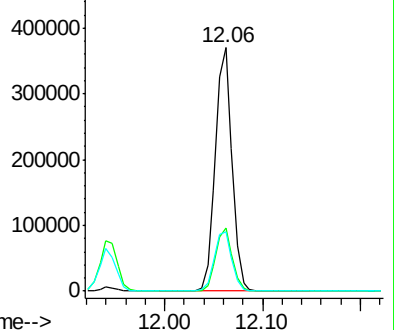
91 25.7 12.8 38.4

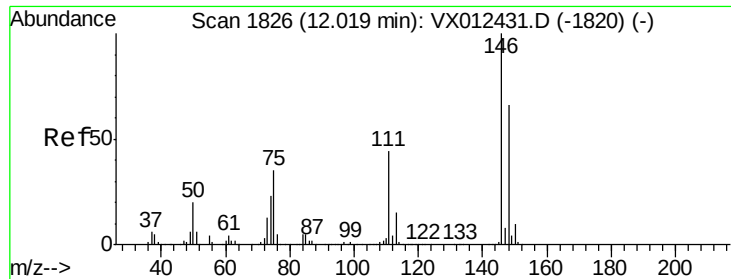


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





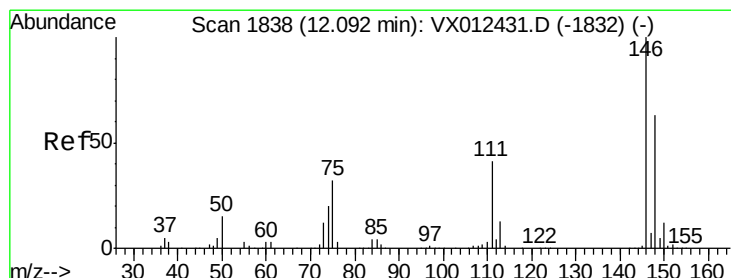
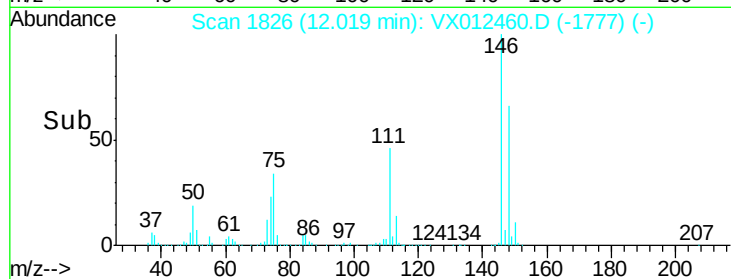
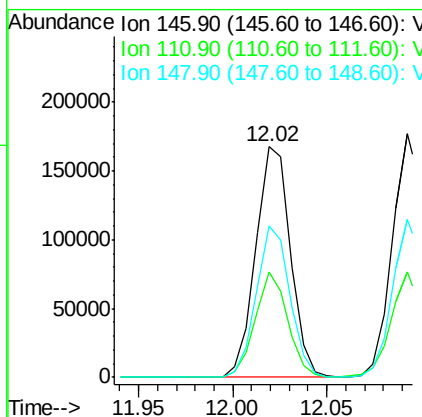
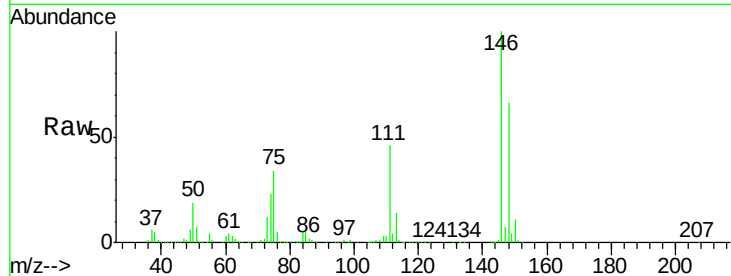
#87
 1,3-Dichlorobenzene
 Concen: 49.486 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	63.8	32.4	97.2

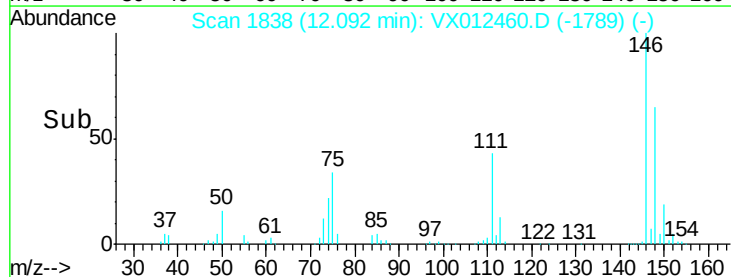
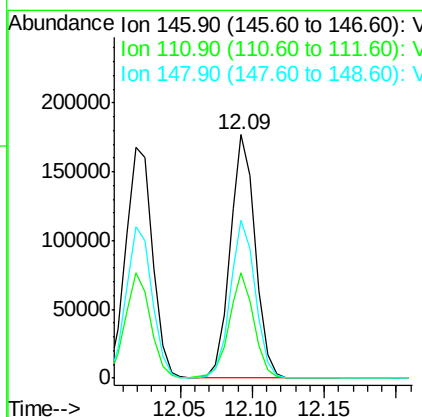
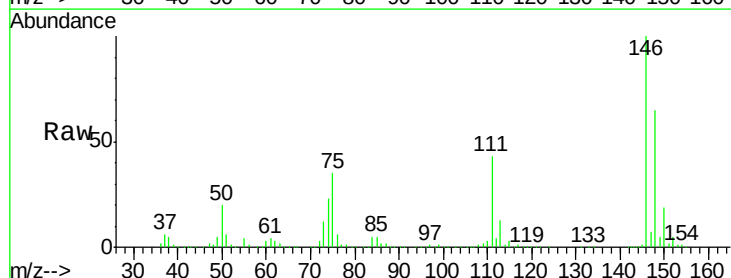
Manual Integrations
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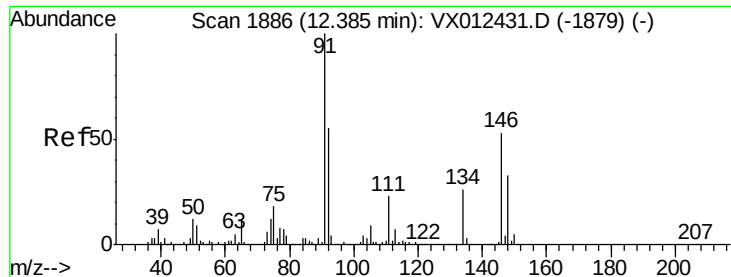
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#88
 1,4-Dichlorobenzene
 Concen: 48.456 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.3
148	64.9	32.1	96.5





#89

n-Butylbenzene

Concen: 49.569 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 386140

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

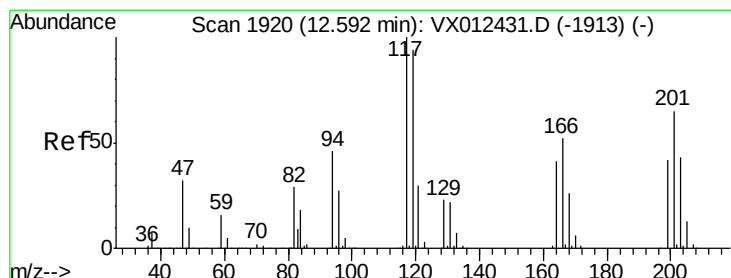
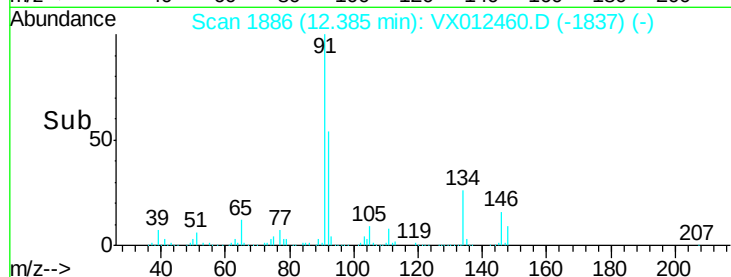
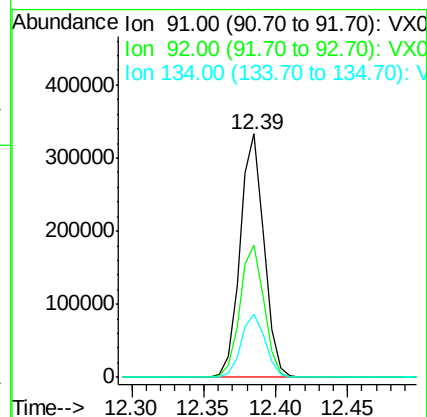
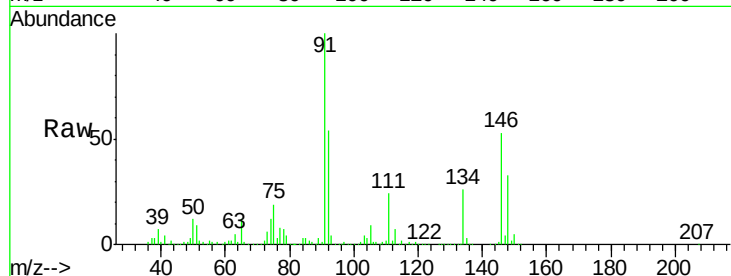
134 26.1 12.9 38.6

Manual Integrations

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#90

Hexachloroethane

Concen: 49.167 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012460.D

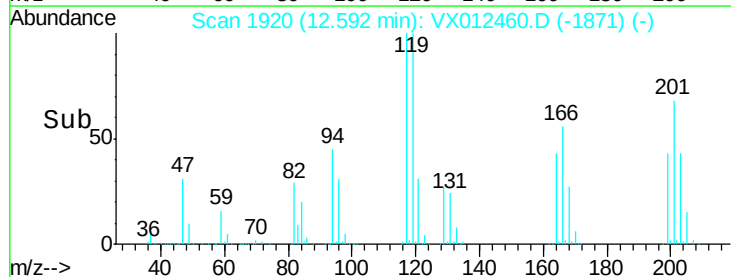
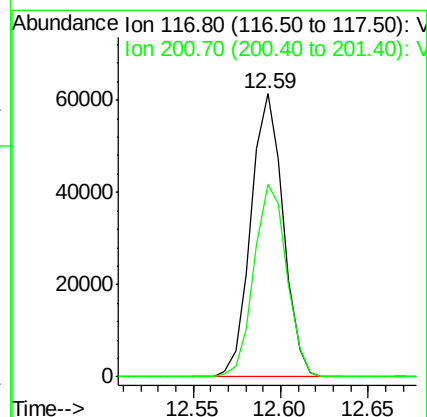
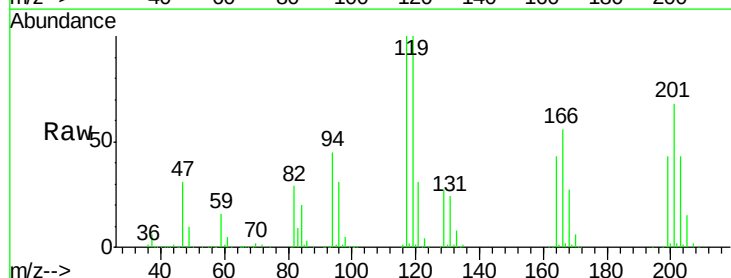
Acq: 18 Sep 2019 02:31

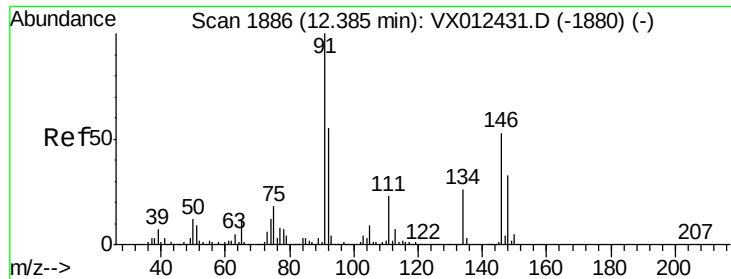
Tgt Ion: 117 Resp: 78709

Ion Ratio Lower Upper

117 100

201 69.1 33.3 99.8





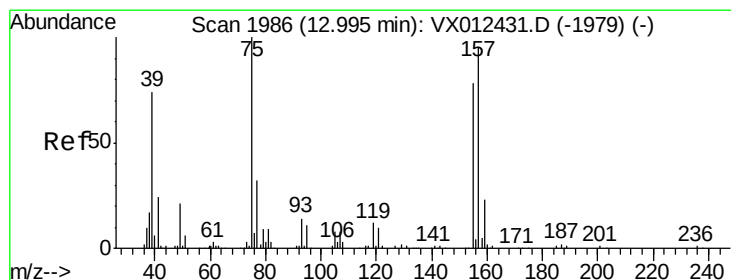
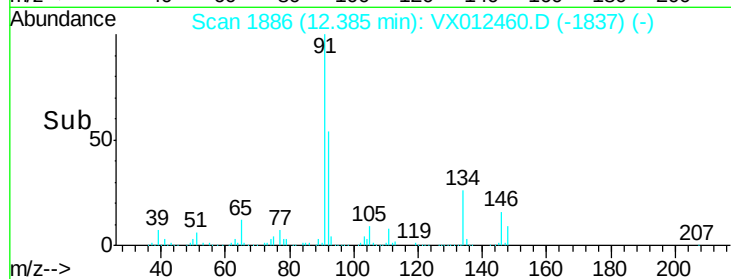
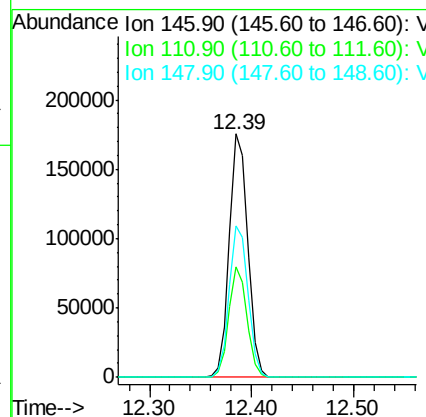
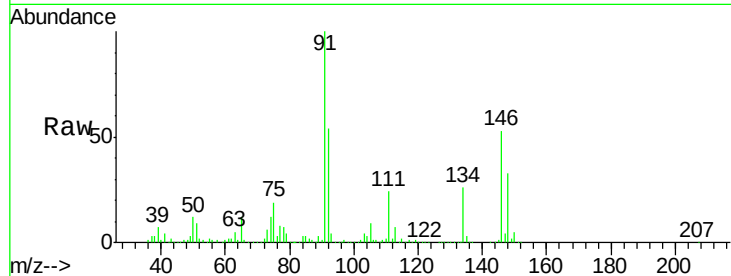
#91
 1,2-Dichlorobenzene
 Concen: 48.831 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	221071		
111	44.7	22.1	66.1	
148	63.4	31.3	93.9	

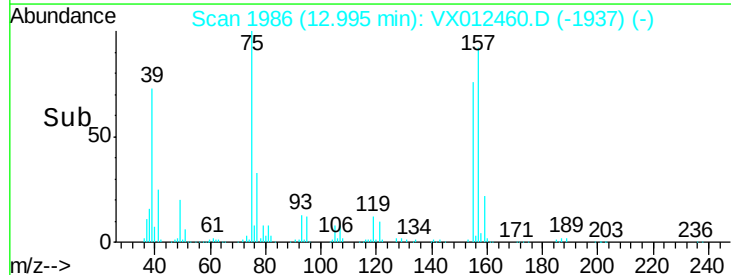
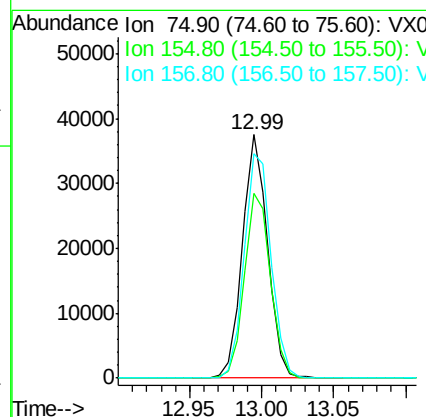
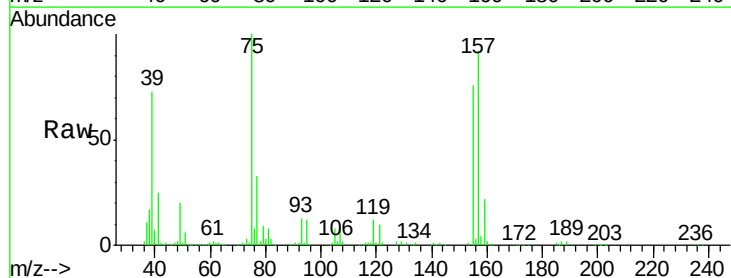
Manual Integrations
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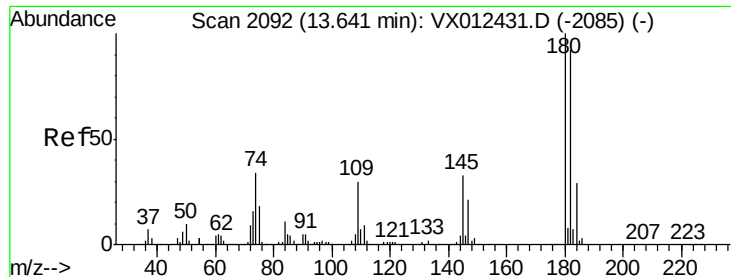
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.346 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45463		
155	78.5	38.6	115.8	
157	98.2	50.6	151.9	





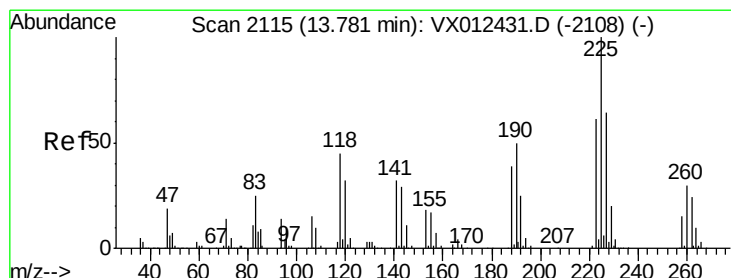
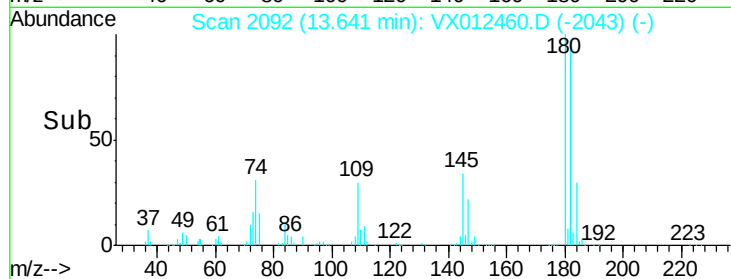
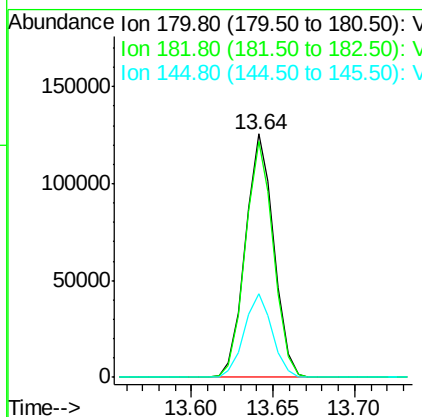
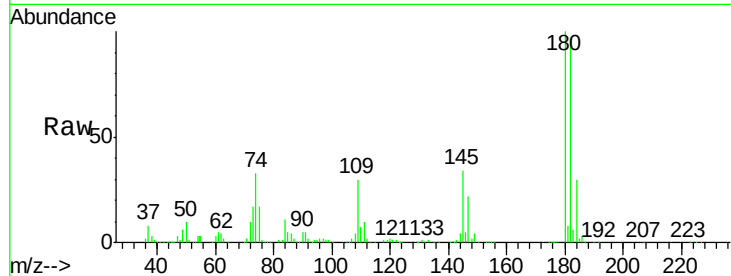
#93
 1,2,4-Trichlorobenzene
 Concen: 52.334 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152611		
182	95.8	47.0	141.0	
145	33.8	16.8	50.4	

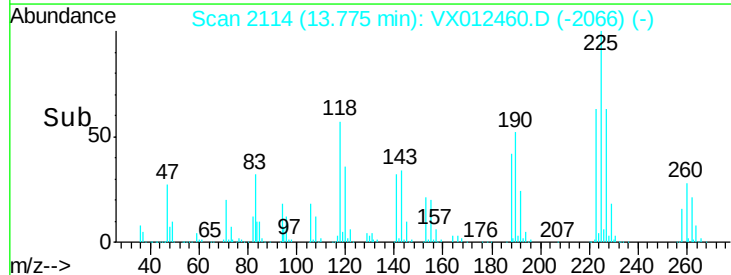
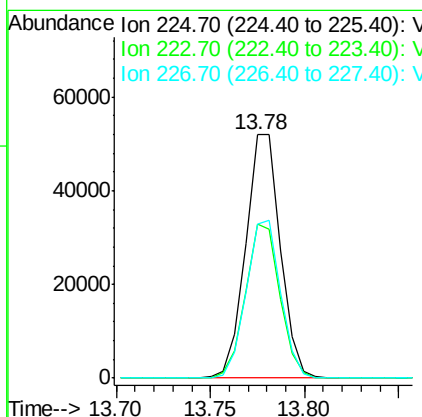
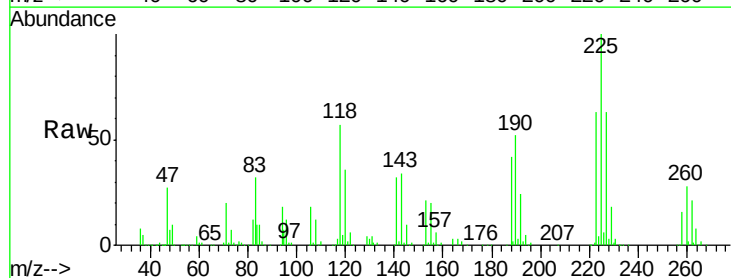
Manual Integrations
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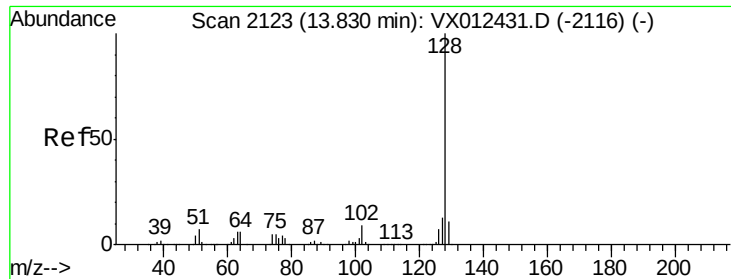
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#94
 Hexachlorobutadiene
 Concen: 48.307 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012460.D
 Acq: 18 Sep 2019 02:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66394		
223	62.8	32.0	96.2	
227	64.2	31.9	95.5	





#95

Naphthalene

Concen: 53.641 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Instrument :

MSVOA_X

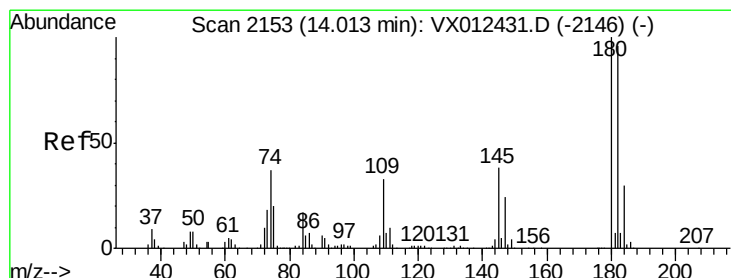
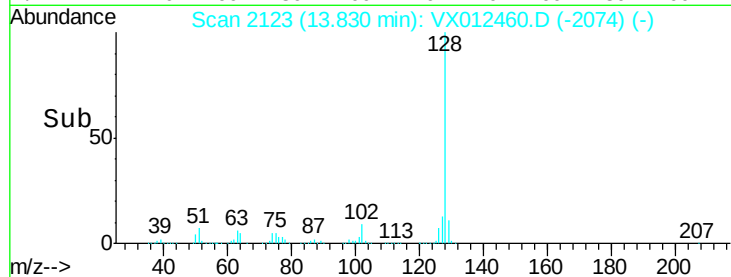
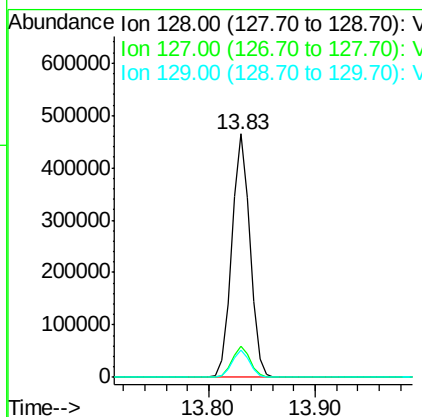
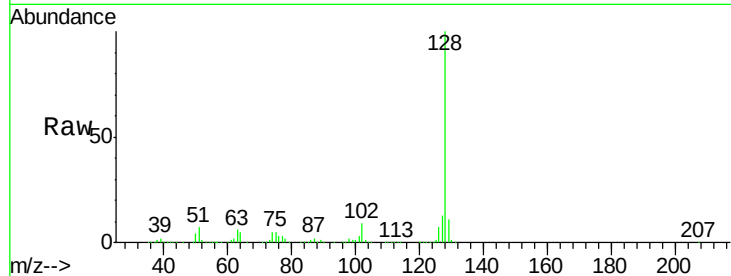
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	556582
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/18/2019 11:21:57 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.102 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012460.D

Acq: 18 Sep 2019 02:31

Tgt Ion:	180	Resp:	157796
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.1	141.3
145	35.2	18.0	54.0

