

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012431.D
 Acq On : 17 Sep 2019 13:09
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:13 AM

Quant Time: Sep 17 13:49:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	111763	34.68	ug/l	0.00
Spiked Amount			Recovery	=	69.36%	
35) Dibromofluoromethane	5.49	113	80730	31.86	ug/l	0.00
Spiked Amount			Recovery	=	63.72%	
50) Toluene-d8	8.71	98	297445	33.12	ug/l	0.00
Spiked Amount			Recovery	=	66.24%	
62) 4-Bromofluorobenzene	11.14	95	122719	32.24	ug/l	0.00
Spiked Amount			Recovery	=	64.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	58638	41.469	ug/l	100
3) Chloromethane	1.32	50	49051	40.016	ug/l	100
4) Vinyl Chloride	1.40	62	53465	39.559	ug/l	100
5) Bromomethane	1.62	94	18757	33.197	ug/l	100
6) Chloroethane	1.71	64	37060	41.263	ug/l	100
7) Trichlorofluoromethane	1.92	101	99595	40.338	ug/l	100
8) Diethyl Ether	2.18	74	43251	39.683	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69019	38.783	ug/l	100
10) Methyl Iodide	2.50	142	56259	34.411	ug/l	100
11) Tert butyl alcohol	3.04	59	158966	191.967	ug/l	100
12) 1,1-Dichloroethene	2.36	96	56423	40.340	ug/l	100
13) Acrolein	2.28	56	50309	146.026	ug/l	100
14) Allyl chloride	2.72	41	132490	40.781	ug/l	100
15) Acrylonitrile	3.13	53	275515	199.278	ug/l	100
16) Acetone	2.44	43	296566	196.664	ug/l	100
17) Carbon Disulfide	2.56	76	75987	41.133	ug/l	100
18) Methyl Acetate	2.76	43	131242	39.592	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	299914	39.481	ug/l	100
20) Methylene Chloride	2.84	84	74021	36.537	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	58509	38.907	ug/l	100
22) Diisopropyl ether	3.84	45	299990	40.235	ug/l	100
23) Vinyl Acetate	3.80	43	1293749	210.346	ug/l	100
24) 1,1-Dichloroethane	3.69	63	146665	39.267	ug/l	100
25) 2-Butanone	4.66	43	430442	202.218	ug/l	100
26) 2,2-Dichloropropane	4.57	77	141299	39.643	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	85364	38.614	ug/l	100
28) Bromochloromethane	5.00	49	69038	36.220	ug/l	100
29) Tetrahydrofuran	5.11	42	250400	203.388	ug/l	100
30) Chloroform	5.20	83	160769	37.347	ug/l	100
31) Cyclohexane	5.57	56	89921	40.151	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	139867	39.230	ug/l	100
36) 1,1-Dichloropropene	5.79	75	91699	36.770	ug/l	100
37) Ethyl Acetate	4.82	43	148378	38.652	ug/l	100
38) Carbon Tetrachloride	5.78	117	114214	37.826	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94033	39.445	ug/l	100
40) Benzene	6.13	78	290307	38.009	ug/l	100
41) Methacrylonitrile	5.03	41	88296	40.374	ug/l	100
42) 1,2-Dichloroethane	6.18	62	131789	37.783	ug/l	100
43) Isopropyl Acetate	6.43	43	254492	38.542	ug/l	100
44) Trichloroethene	7.20	130	77650	37.868	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87236	37.128	ug/l	100
46) Dibromomethane	7.65	93	57034	36.555	ug/l	100
47) Bromodichloromethane	7.89	83	130510	37.563	ug/l	100
48) Methyl methacrylate	7.76	41	120843	41.221	ug/l	100
49) 1,4-Dioxane	7.73	88	56687	757.886	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	835022	195.485	ug/l	100
52) Toluene	8.78	92	189306	38.132	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138865	38.518	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143877	38.557	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	94215	35.859	ug/l	100
56) Ethyl methacrylate	9.17	69	152884	38.720	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153502	36.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	382766	181.871	ug/l	100
59) 2-Hexanone	9.49	43	655564	198.526	ug/l	100
60) Dibromochloromethane	9.58	129	103431	38.549	ug/l	100
61) 1,2-Dibromoethane	9.67	107	91301	37.898	ug/l	100
64) Tetrachloroethene	9.33	164	62520	38.852	ug/l	100
65) Chlorobenzene	10.14	112	219578	38.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	94488	39.375	ug/l	100
67) Ethyl Benzene	10.25	91	391752	40.433	ug/l	100
68) m/p-Xylenes	10.35	106	285815	80.068	ug/l	100
69) o-Xylene	10.70	106	146965	39.679	ug/l	100
70) Styrene	10.71	104	263107	40.991	ug/l	100
71) Bromoform	10.85	173	73558	39.959	ug/l	100
73) Isopropylbenzene	11.01	105	417072	48.967	ug/l	100
74) N-amyl acetate	10.89	43	228932	50.449	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	161513	47.330	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	155802m	49.170	ug/l	
77) Bromobenzene	11.25	156	100803	46.287	ug/l	100
78) n-propylbenzene	11.35	91	470064	48.870	ug/l	100
79) 2-Chlorotoluene	11.42	91	292486	47.451	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	359293	48.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	53075	47.319	ug/l	100
82) 4-Chlorotoluene	11.51	91	343100	47.802	ug/l	100
83) tert-Butylbenzene	11.77	119	375613	47.880	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	366270	48.817	ug/l	100
85) sec-Butylbenzene	11.94	105	424106	48.827	ug/l	100
86) p-Isopropyltoluene	12.06	119	392359	49.384	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188493	46.082	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192140	46.524	ug/l	100
89) n-Butylbenzene	12.38	91	348059	49.603	ug/l	100
90) Hexachloroethane	12.59	117	73442	47.899	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	199128	47.500	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44165	48.902	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICCC050

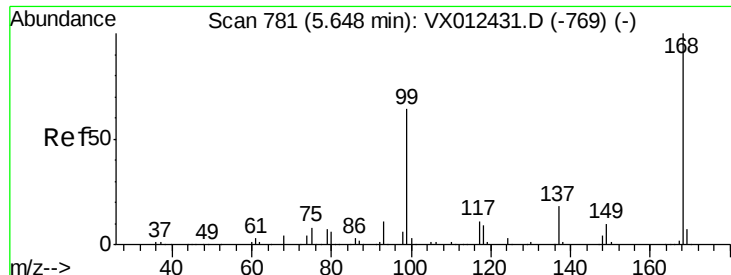
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:36:19 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	133828	47.851	ug/l	100
94) Hexachlorobutadiene	13.78	225	59672	44.626	ug/l	100
95) Naphthalene	13.83	128	487902	51.078	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135937	48.834	ug/l	100

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



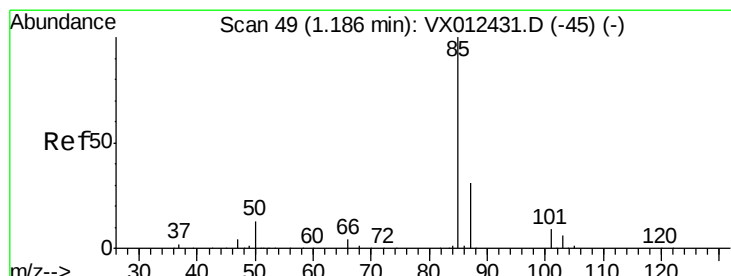
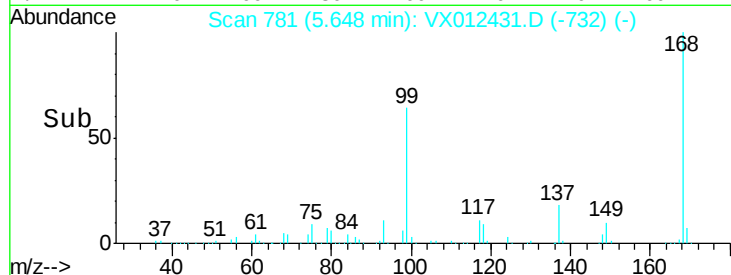
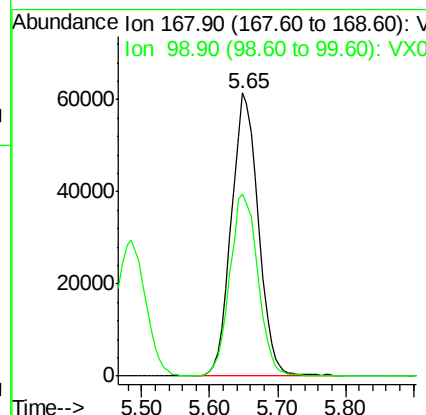
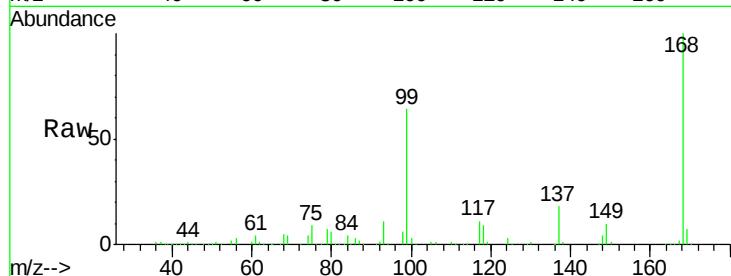
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	169846		
99	64.3	51.4	77.2	

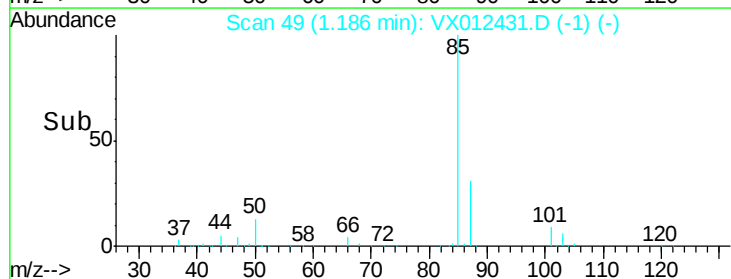
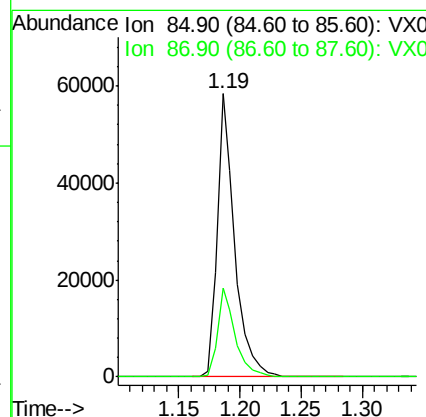
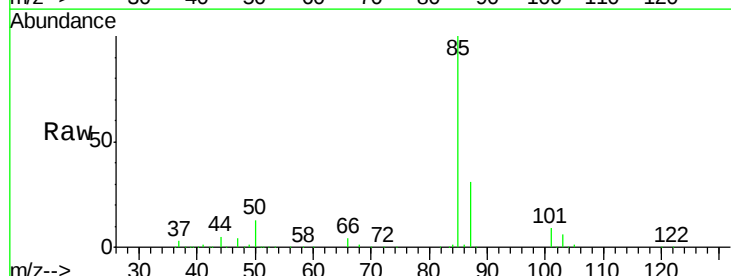
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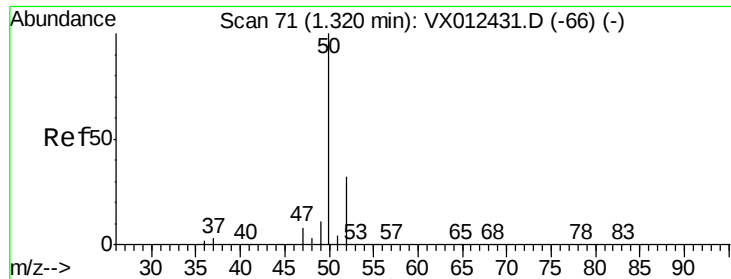
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#2
Dichlorodifluoromethane
Concen: 41.469 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	58638		
87	31.2	15.6	46.8	





#3

Chloromethane

Concen: 40.016 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tot Ion: 50 Resp: 49051

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

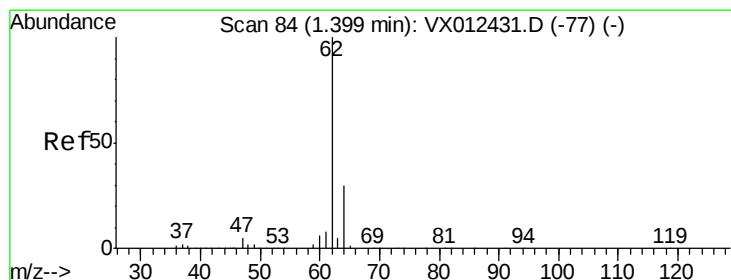
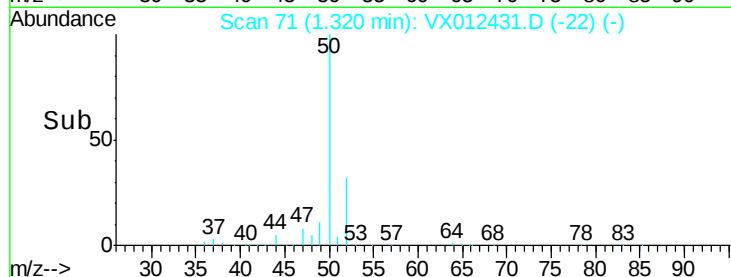
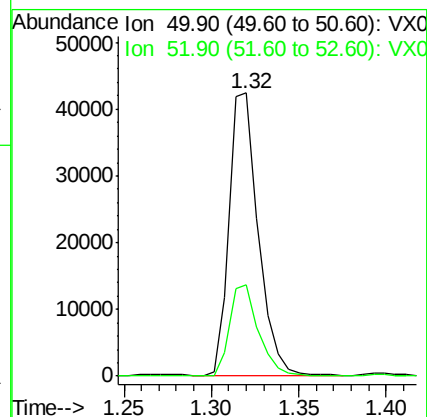
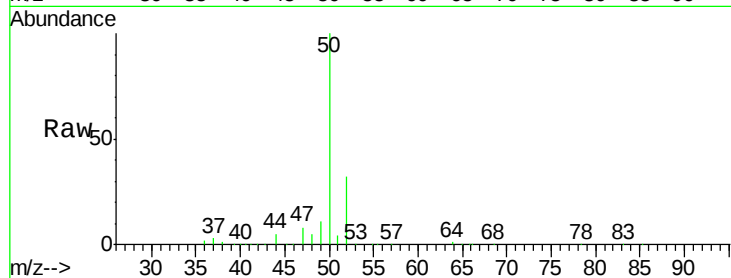
VSTDICCC050

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#4

Vinyl Chloride

Concen: 39.559 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012431.D

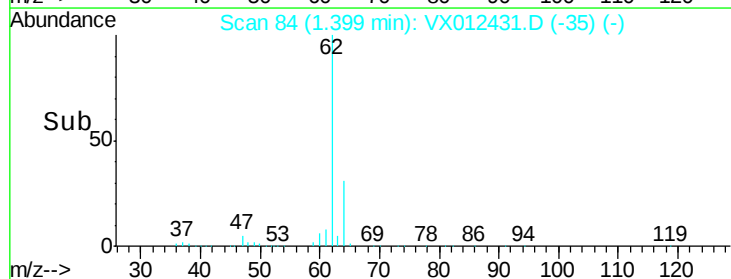
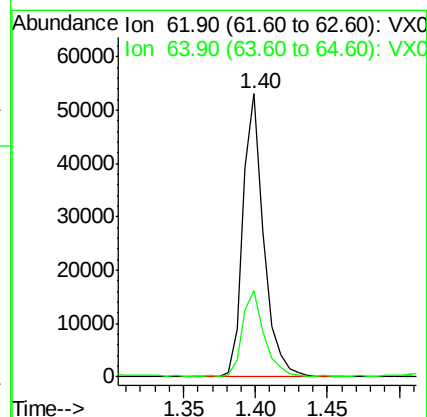
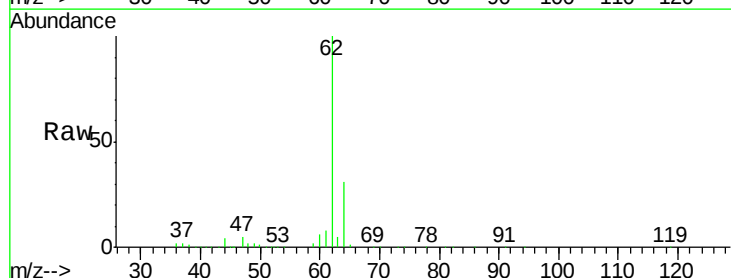
Acq: 17 Sep 2019 13:09

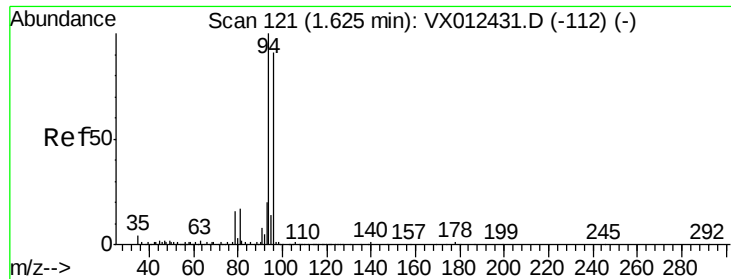
Tgt Ion: 62 Resp: 53465

Ion Ratio Lower Upper

62 100

64 30.2 24.2 36.2





#5

Bromomethane

Concen: 33.197 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 18757

Ion Ratio Lower Upper

94 100

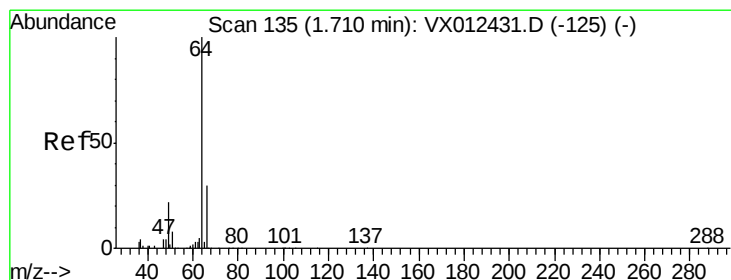
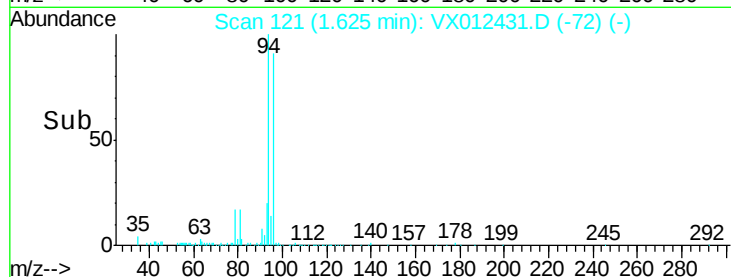
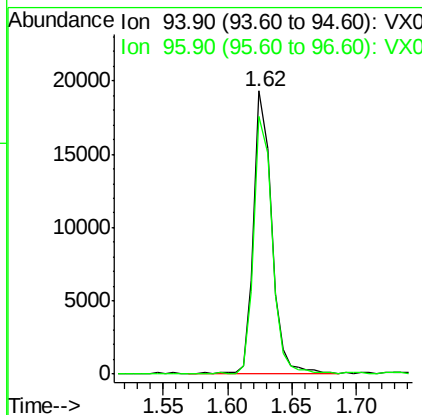
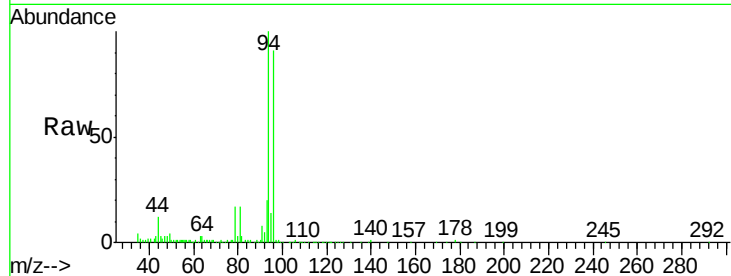
96 91.0 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 41.263 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012431.D

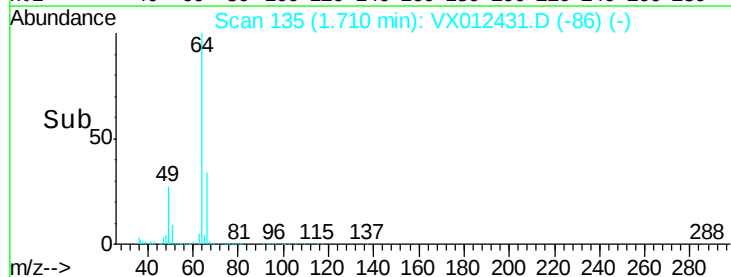
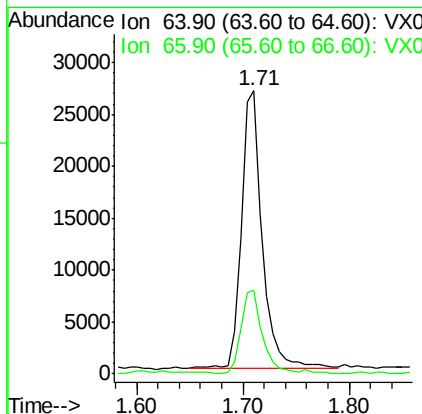
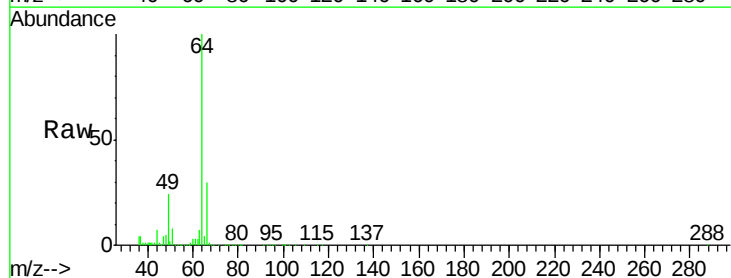
Acq: 17 Sep 2019 13:09

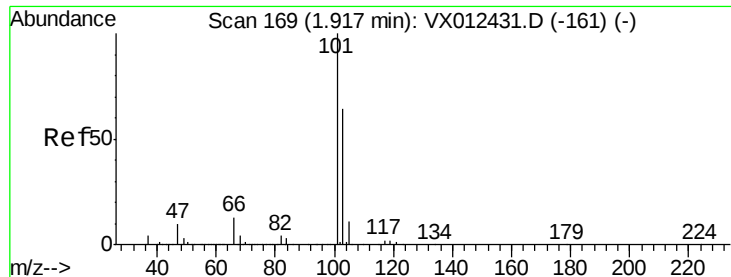
Tgt Ion: 64 Resp: 37060

Ion Ratio Lower Upper

64 100

66 30.0 24.0 36.0





#7

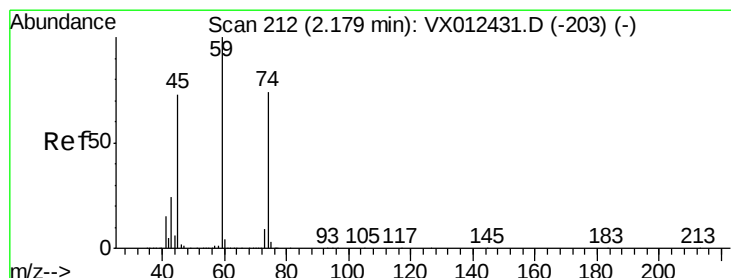
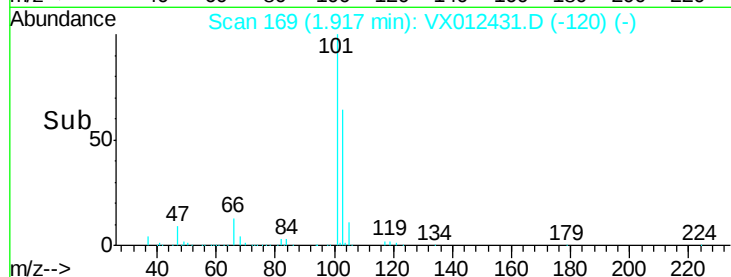
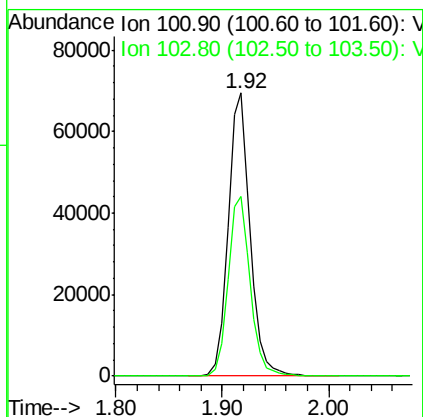
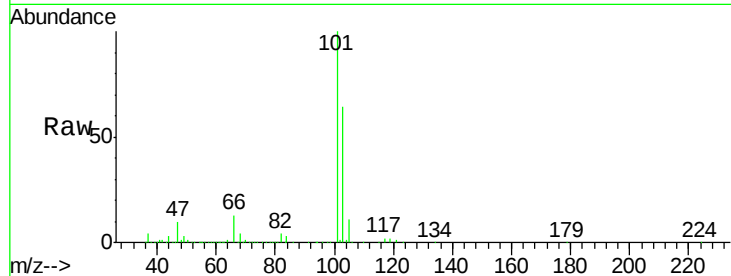
Trichlorofluoromethane
Concen: 40.338 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.0	76.4

Manual Integrations
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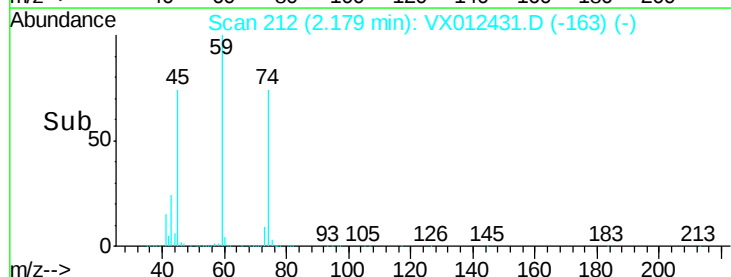
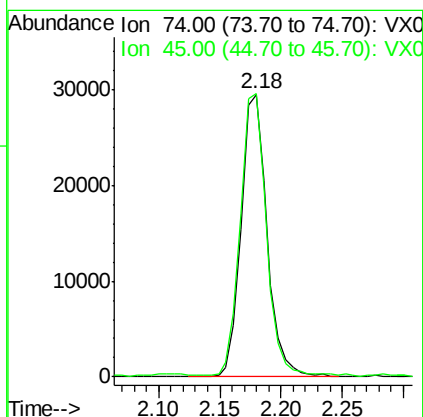
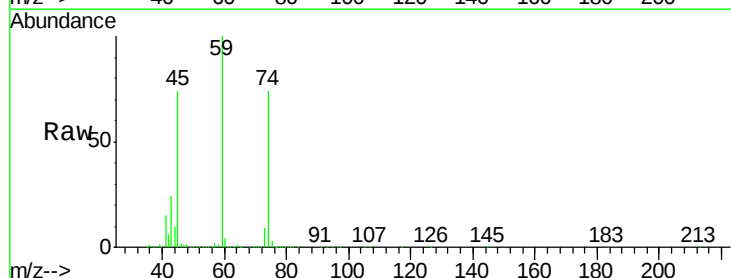
MMDadoda
9/18/2019 11:22:13 AM

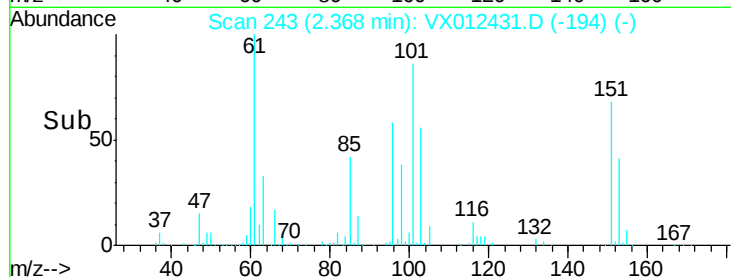
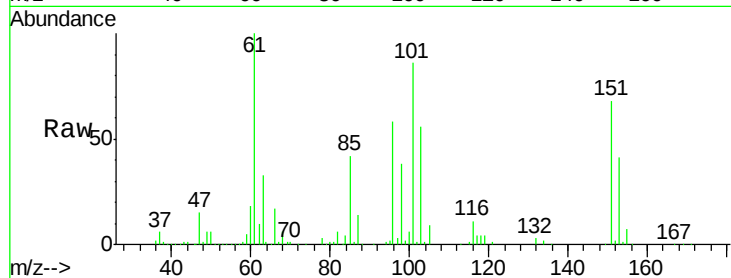
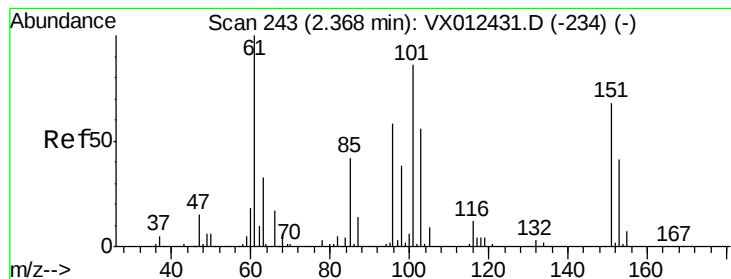


#8

Diethyl Ether
Concen: 39.683 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 38.783 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

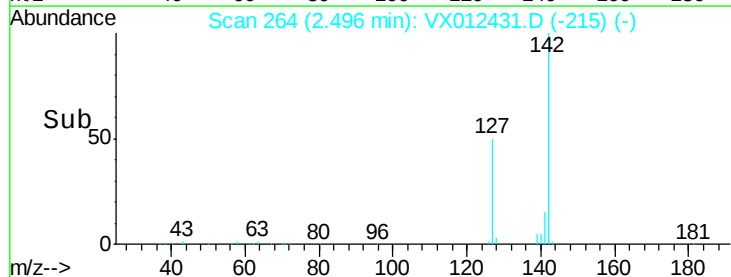
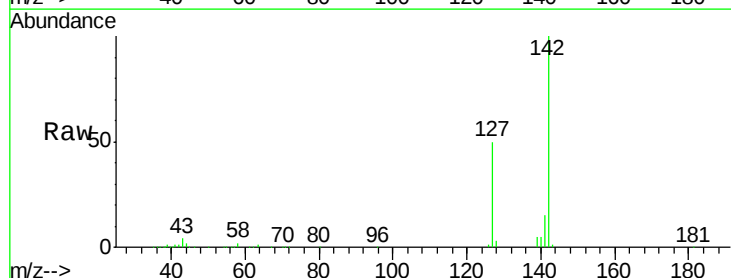
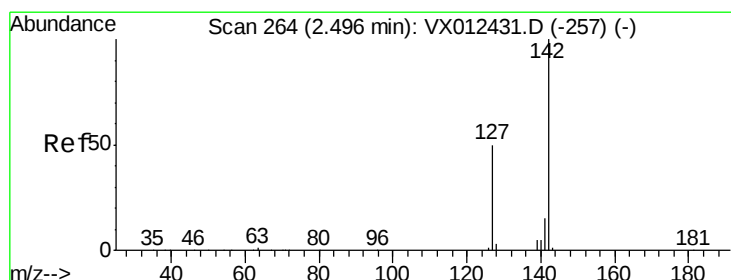
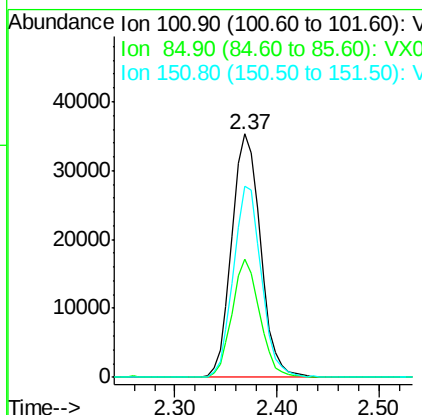
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	69019
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.3	55.9
151	76.2	61.0	91.4

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#10

Methyl Iodide

Concen: 34.411 ug/l

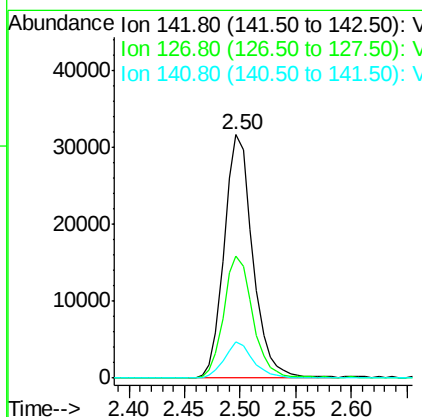
RT: 2.50 min Scan# 264

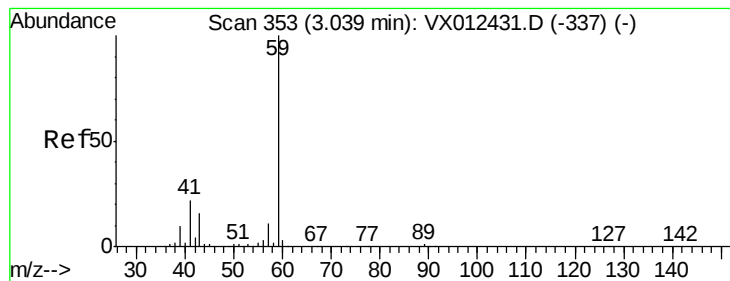
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	142	Resp:	56259
Ion Ratio	Lower	Upper	
142	100		
127	51.0	40.8	61.2
141	15.1	12.1	18.1





#11

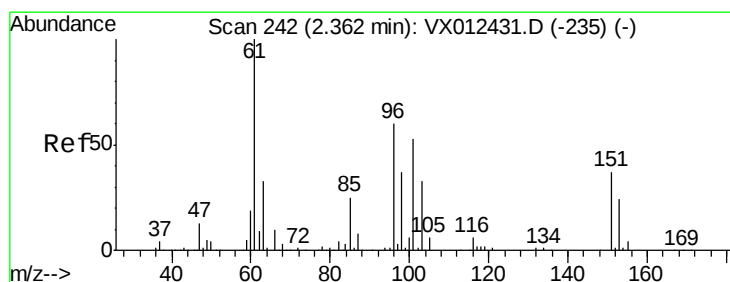
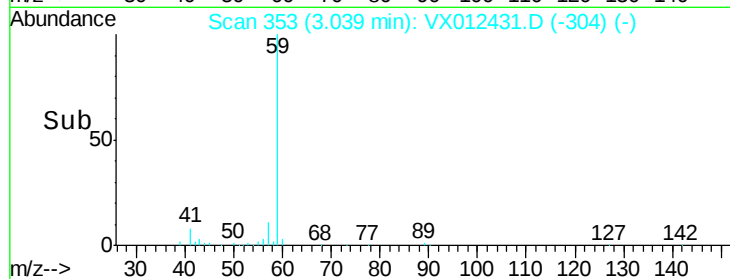
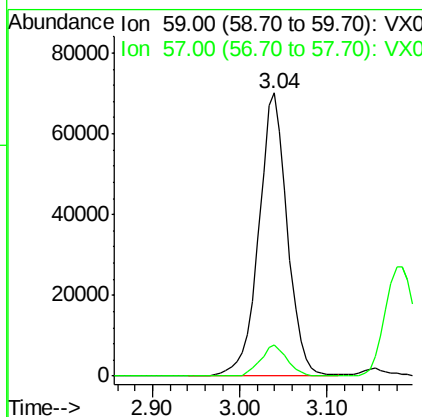
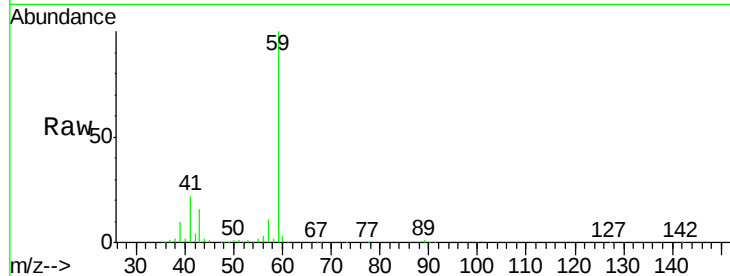
Tert butyl alcohol
 Concen: 191.967 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
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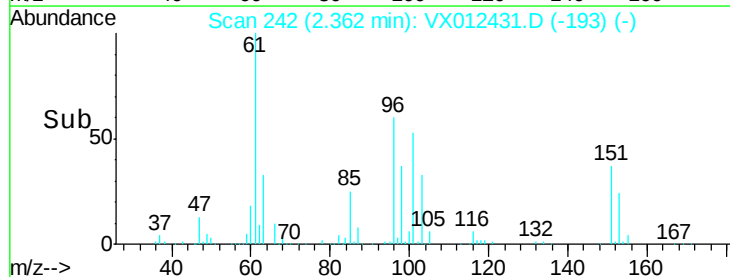
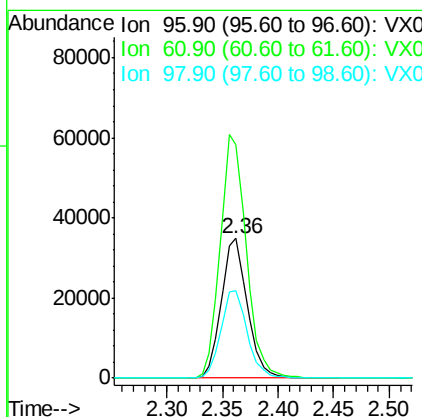
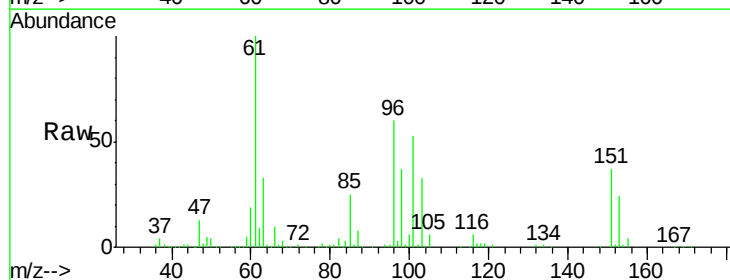
MMDadoda
 9/18/2019 11:22:13 AM

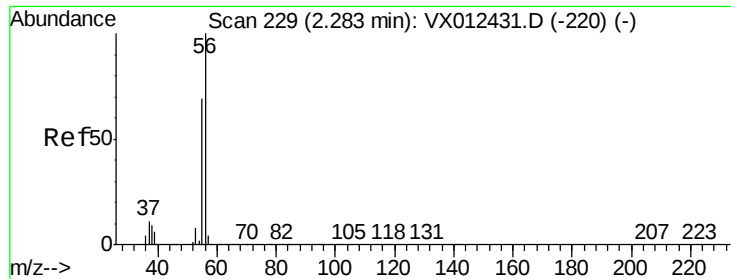


#12

1,1-Dichloroethene
 Concen: 40.340 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	133.8	200.6
98	62.4	49.9	74.9





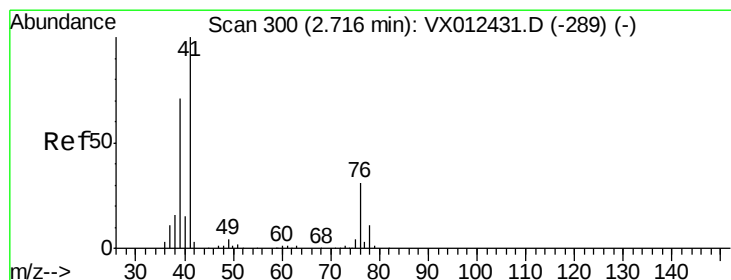
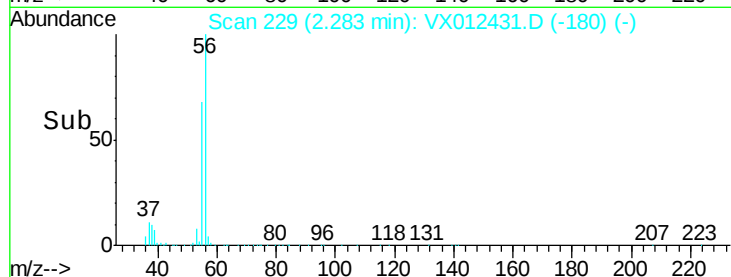
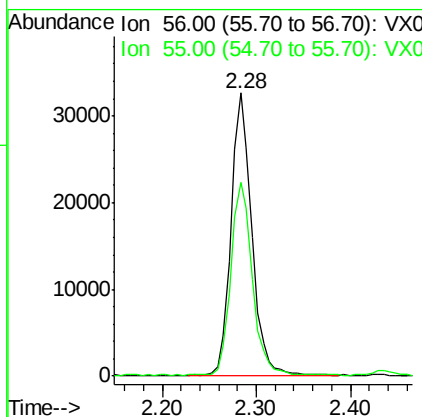
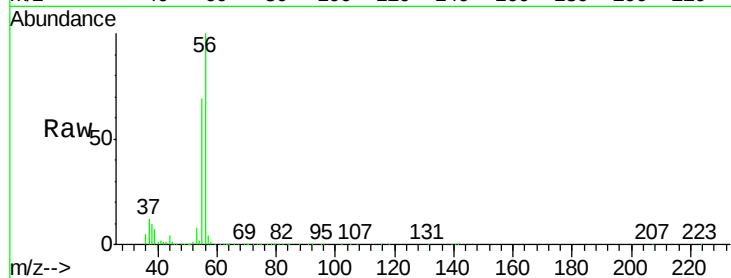
#13
Acrolein
Concen: 146.026 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.8	83.8

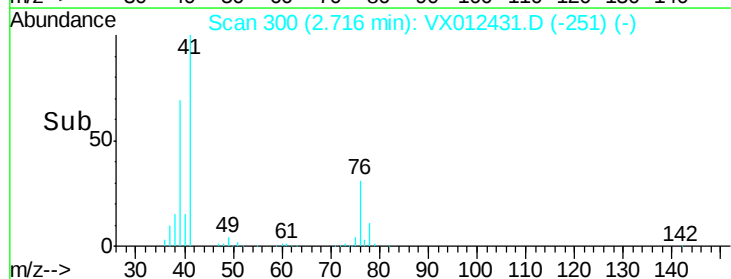
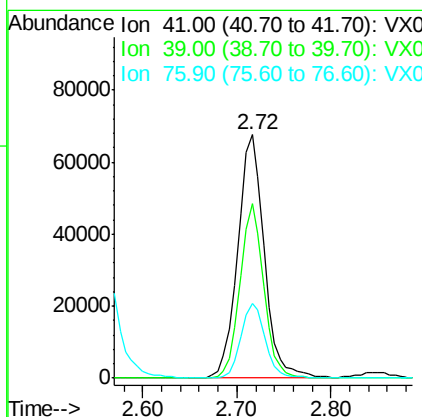
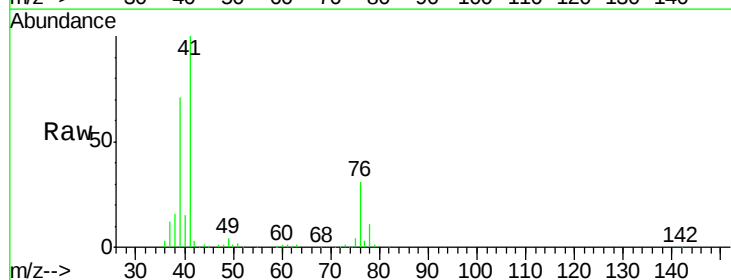
Manual Integrations
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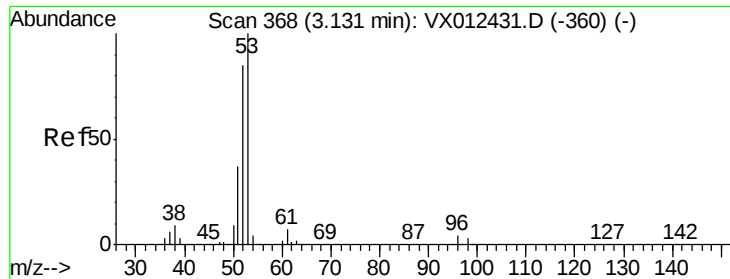
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#14
Allyl chloride
Concen: 40.781 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	51.3	76.9
76	28.2	22.6	33.8





#15

Acrylonitrile

Concen: 199.278 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

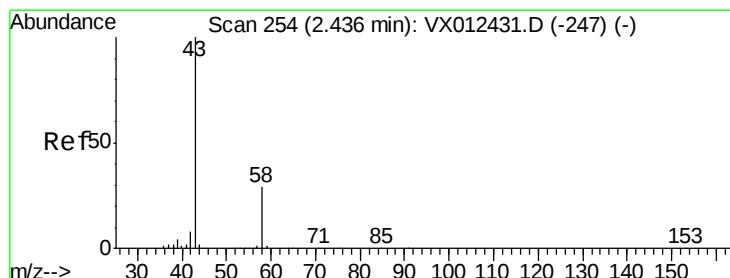
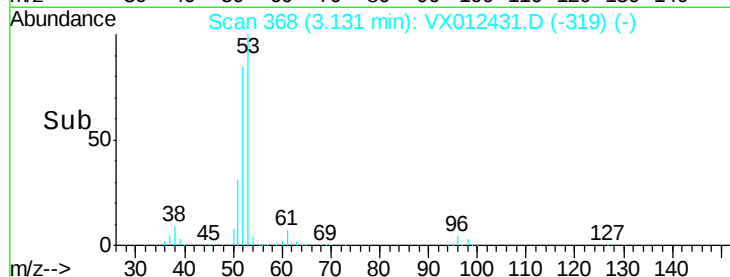
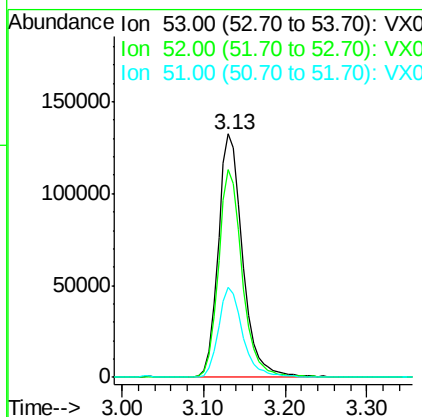
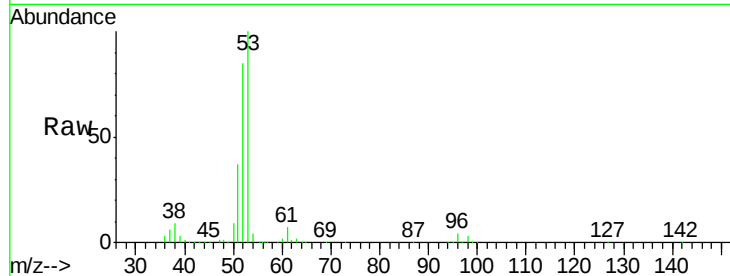
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	275515
Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.0	100.4
51	37.0	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 196.664 ug/l

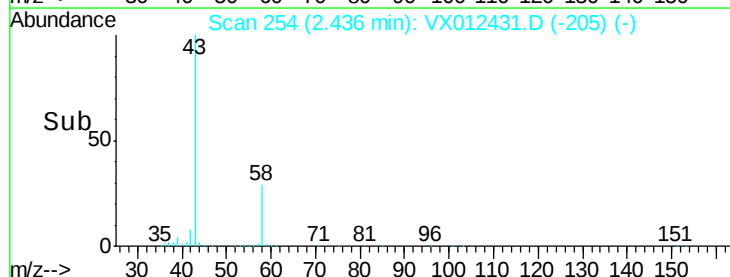
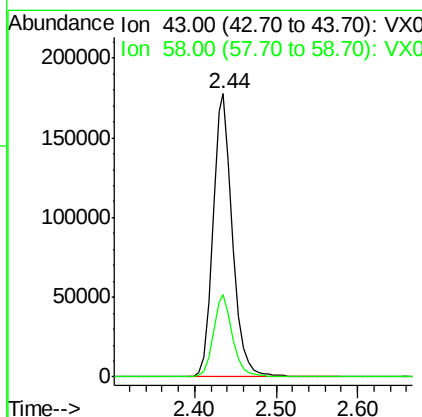
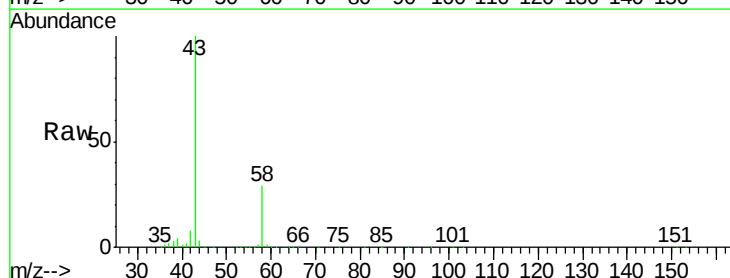
RT: 2.44 min Scan# 254

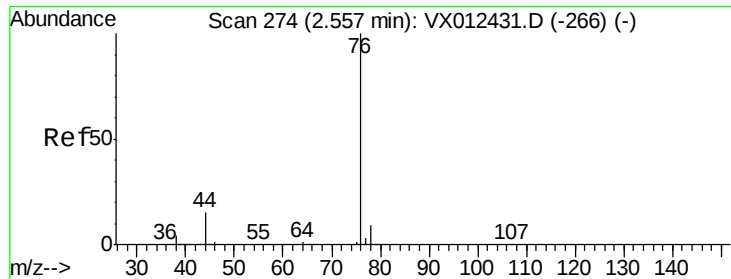
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	43	Resp:	296566
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.3	34.9





#17

Carbon Disulfide

Concen: 41.133 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 75987

Ion Ratio Lower Upper

76 100

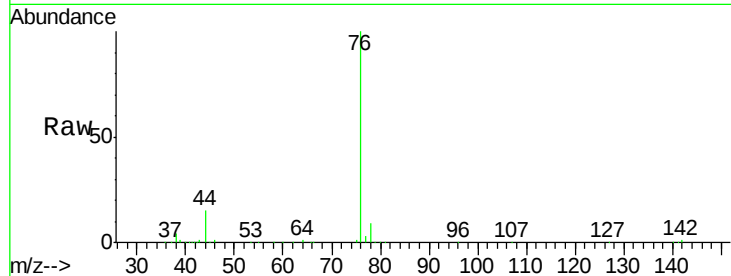
78 9.1 7.3 10.9

Manual Integrations

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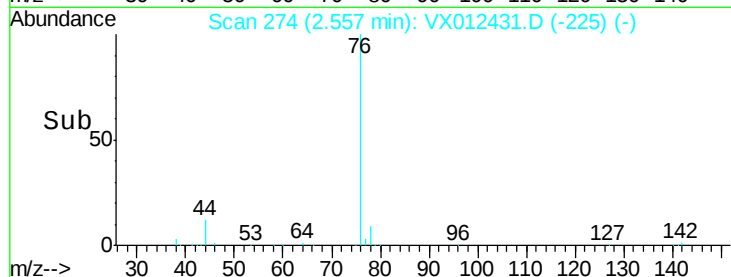


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

Time-->



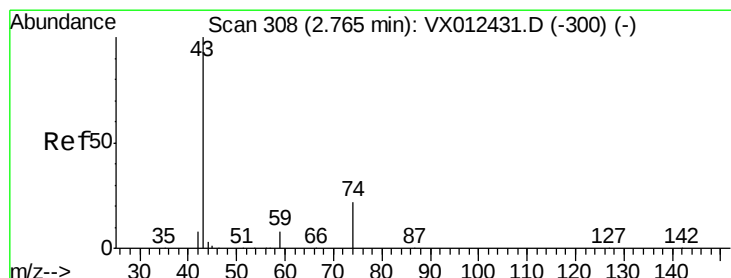
Abundance

Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

Time-->



#18

Methyl Acetate

Concen: 39.592 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012431.D

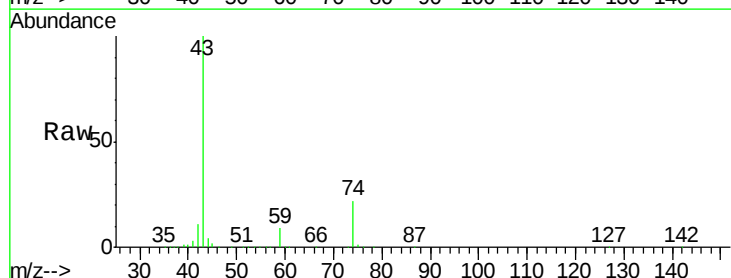
Acq: 17 Sep 2019 13:09

Tgt Ion: 43 Resp: 131242

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5

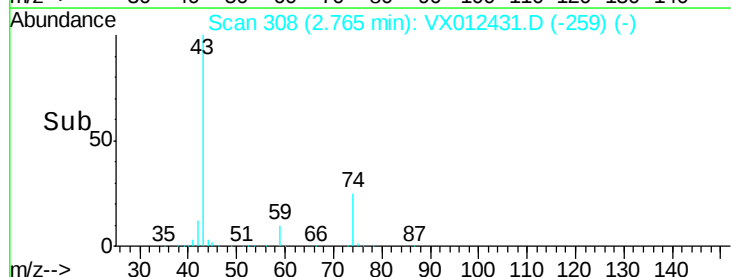


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

Time-->



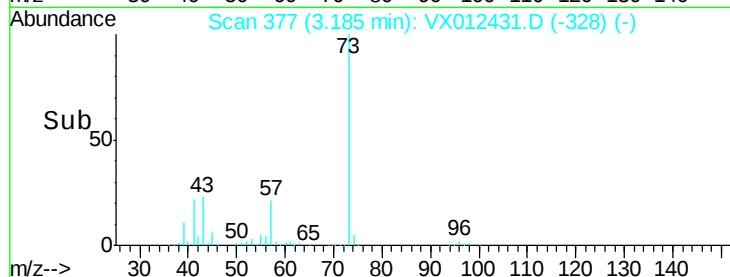
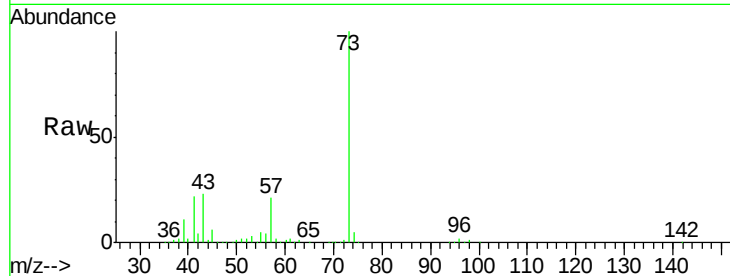
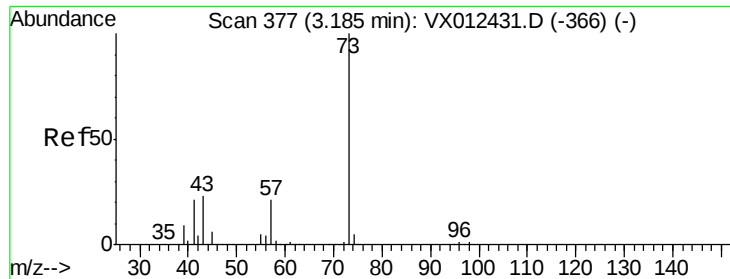
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

Time-->



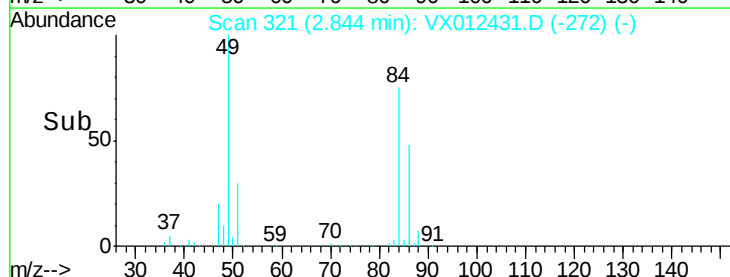
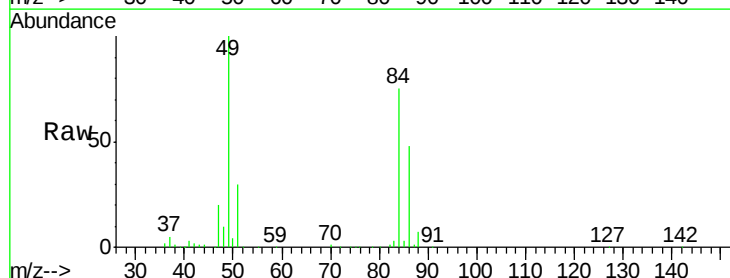
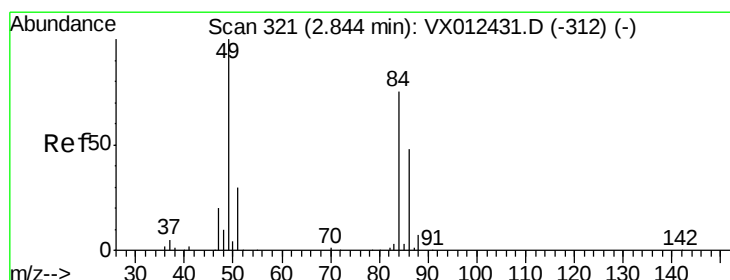
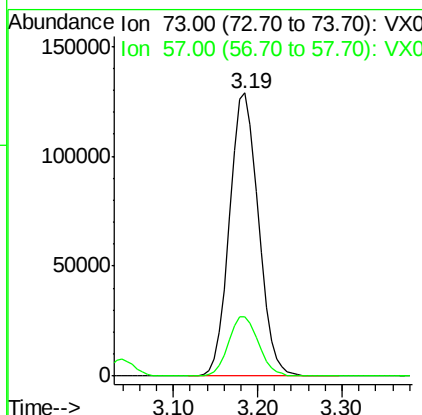
#19
Methyl tert-butyl Ether
Concen: 39.481 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tot Ion: 73 Resp: 299914
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

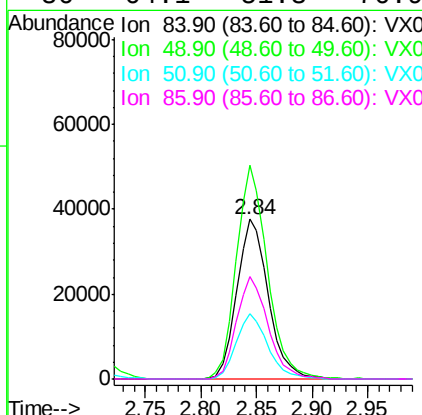
Manual Integrations
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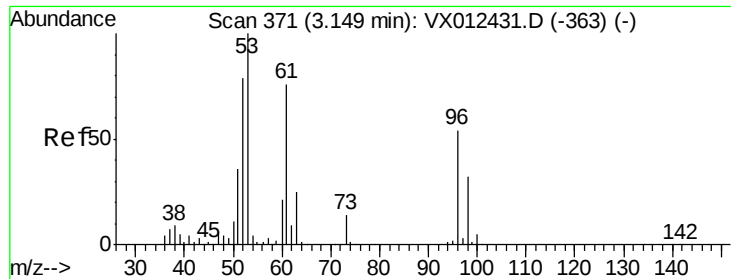
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#20
Methylene Chloride
Concen: 36.537 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion: 84 Resp: 74021
Ion Ratio Lower Upper
84 100
49 133.5 106.8 160.2
51 40.4 32.3 48.5
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 38.907 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 58509

Ion Ratio Lower Upper

96 100

61 140.0 112.0 168.0

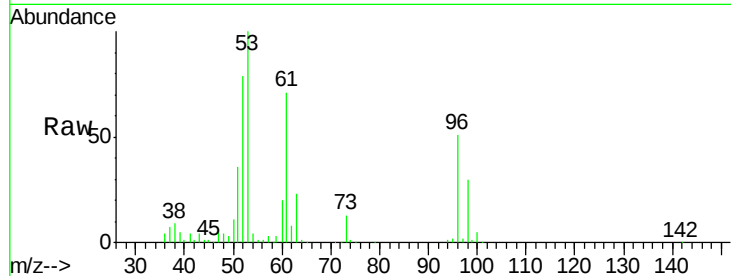
98 59.8 47.8 71.8

Manual Integrations

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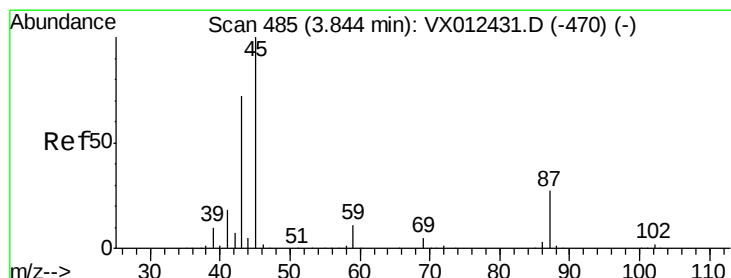
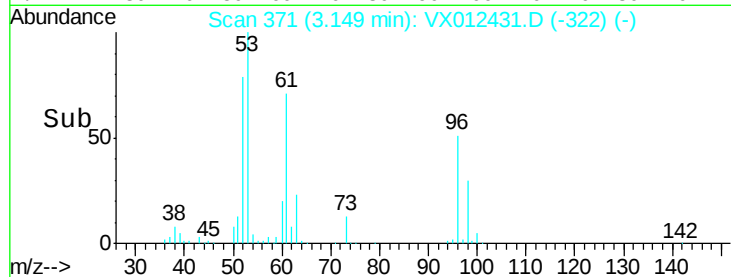
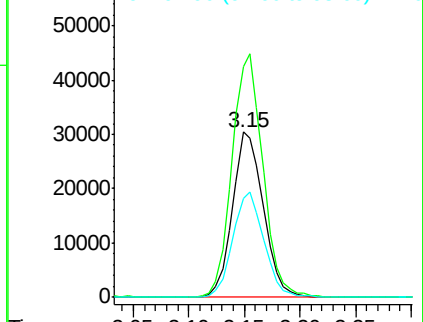


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 40.235 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion: 45 Resp: 299990

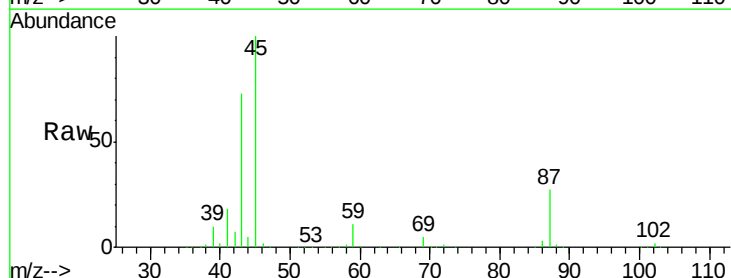
Ion Ratio Lower Upper

45 100

43 72.3 57.8 86.8

87 26.6 21.3 31.9

59 10.6 8.5 12.7



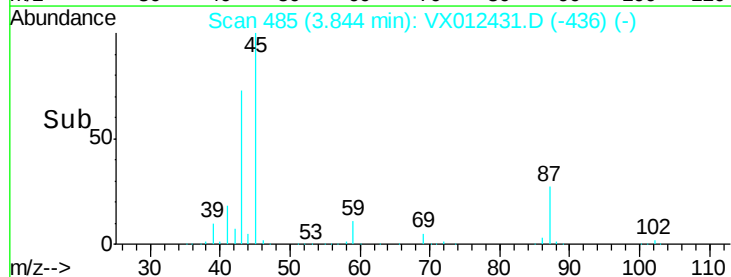
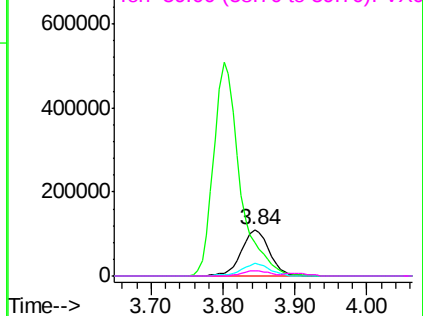
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





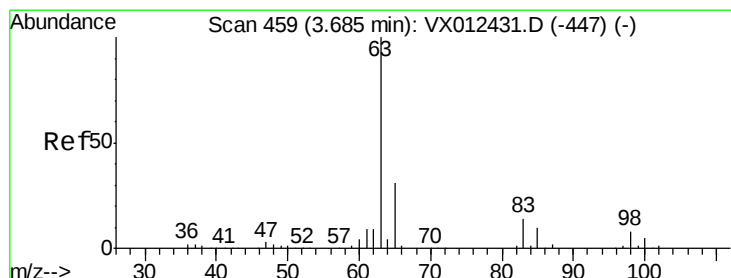
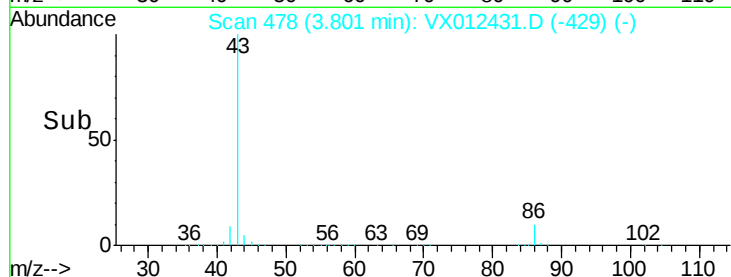
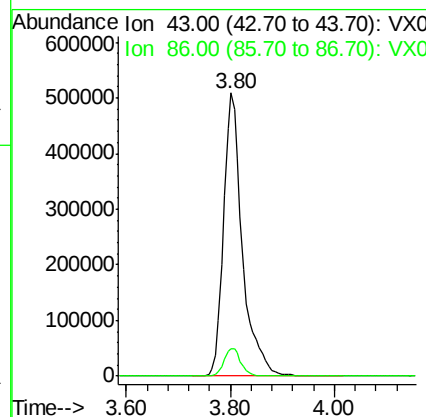
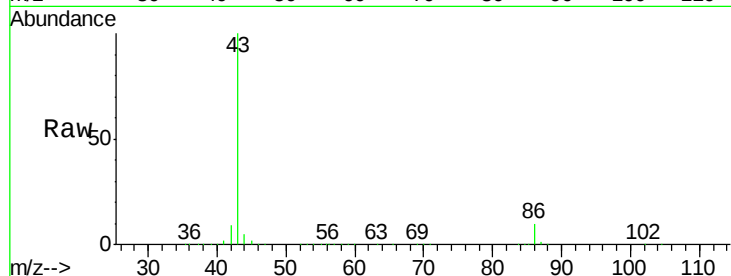
#23
 Vinyl Acetate
 Concen: 210.346 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1293749
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

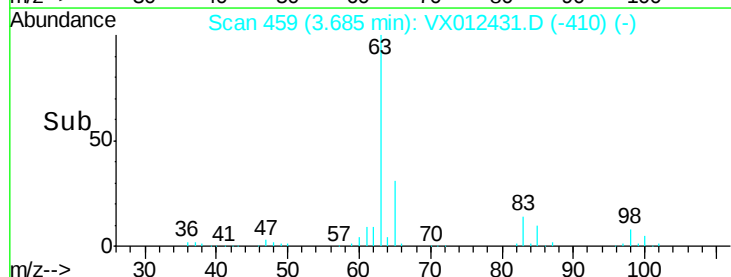
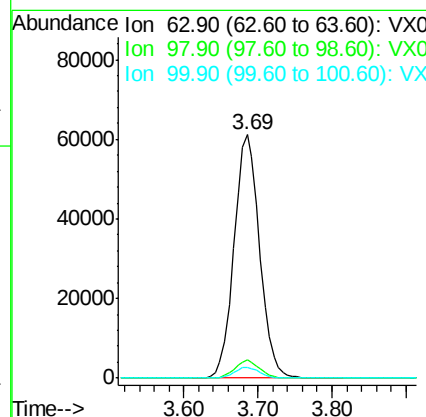
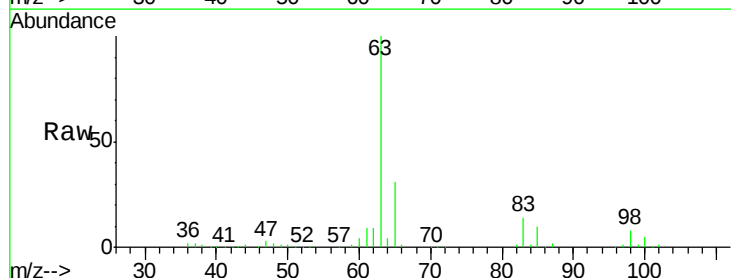
Manual Integrations
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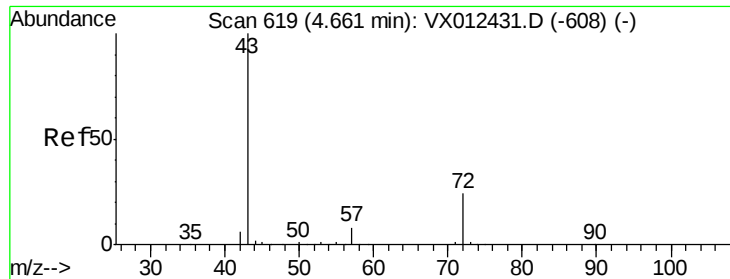
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 39.267 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion: 63 Resp: 146665
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 202.218 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 430442

Ion Ratio Lower Upper

43 100

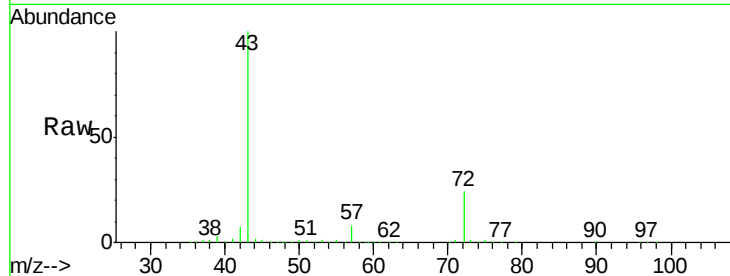
72 24.0 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

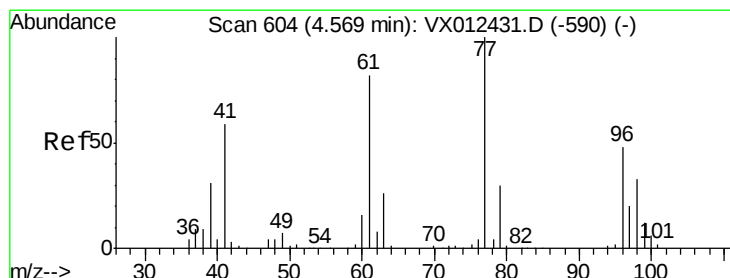
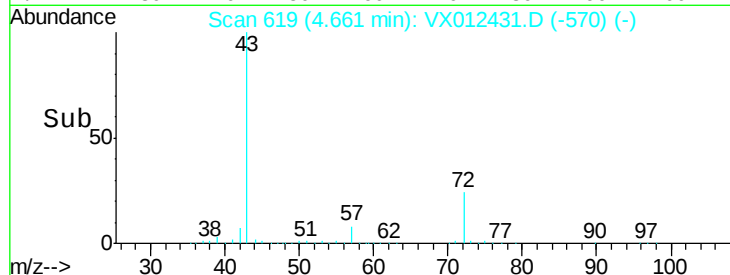
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.643 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012431.D

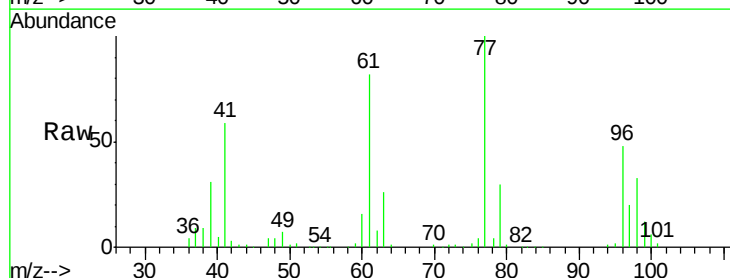
Acq: 17 Sep 2019 13:09

Tgt Ion: 77 Resp: 141299

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

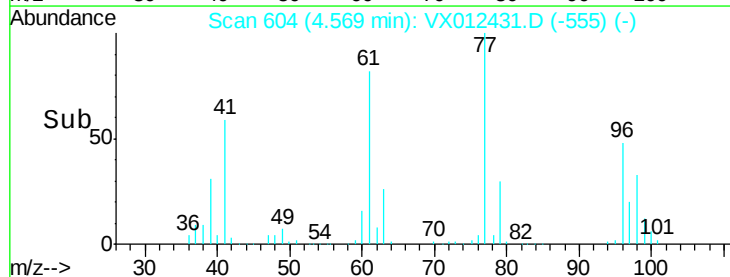
20000

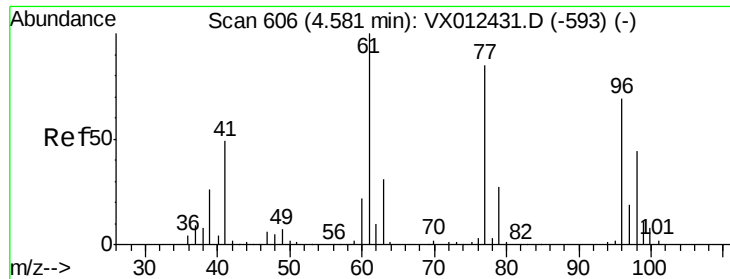
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

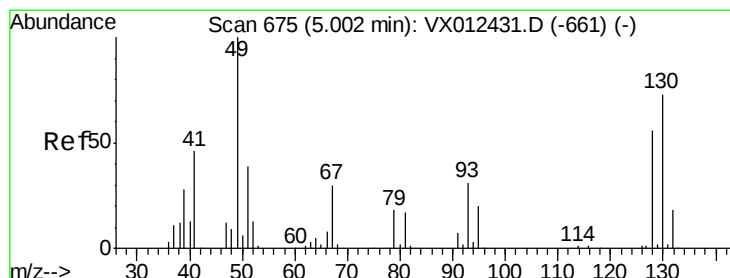
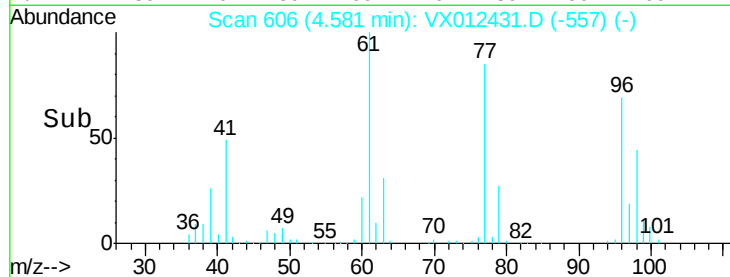
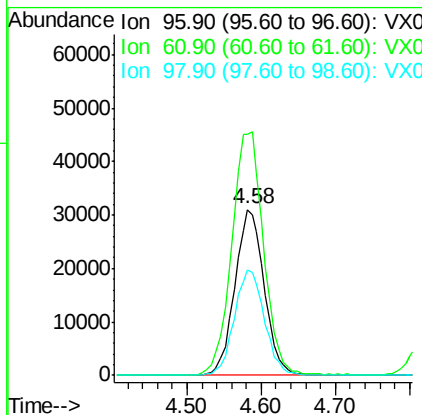
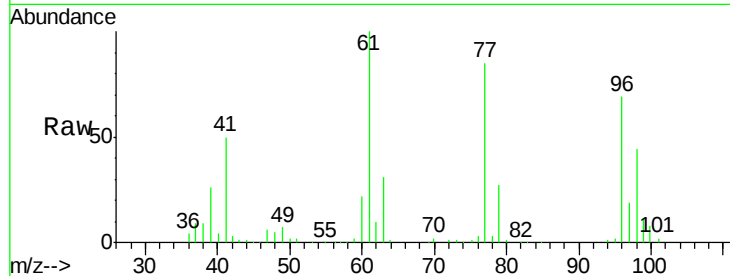
cis-1,2-Dichloroethene
Concen: 38.614 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	319.4
98	65.3	0.0	130.6

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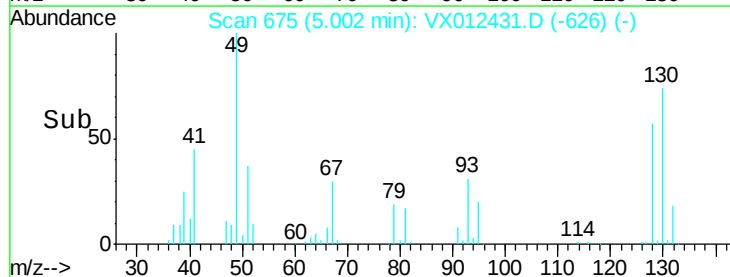
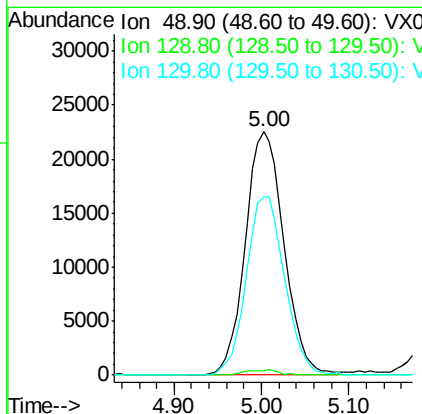
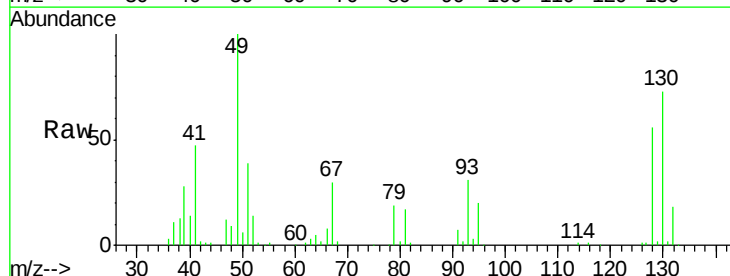
MMDadoda
9/18/2019 11:22:13 AM

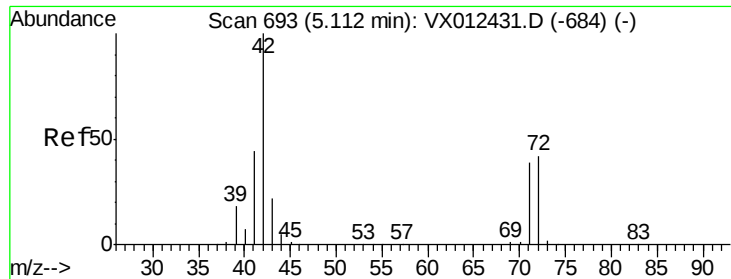


#28

Bromochloromethane
Concen: 36.220 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	72.8	58.2	87.4





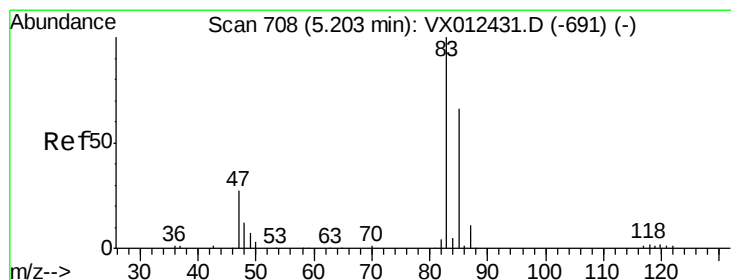
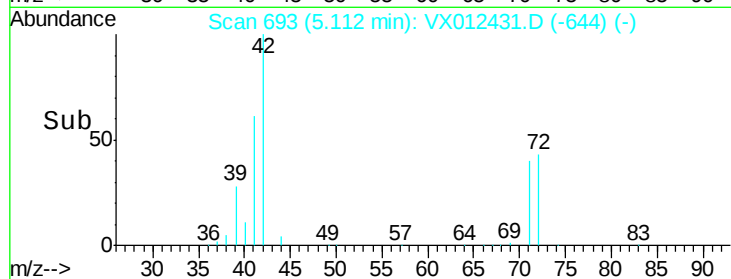
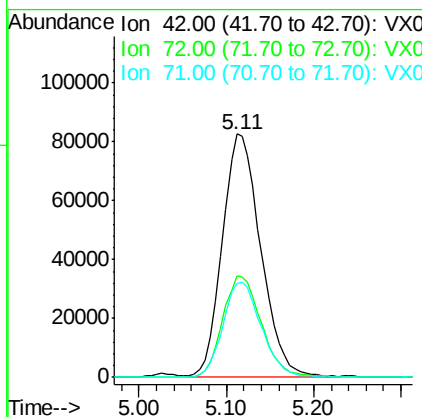
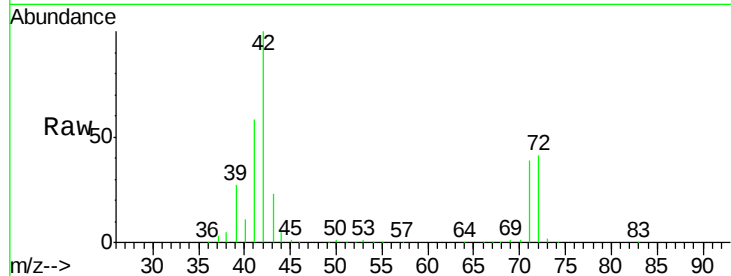
#29
Tetrahydrofuran
Concen: 203.388 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.0	51.0
71	39.4	31.5	47.3

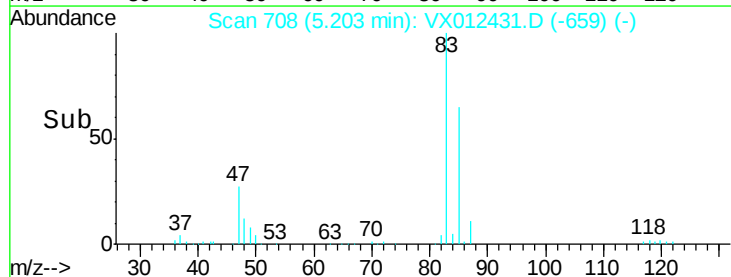
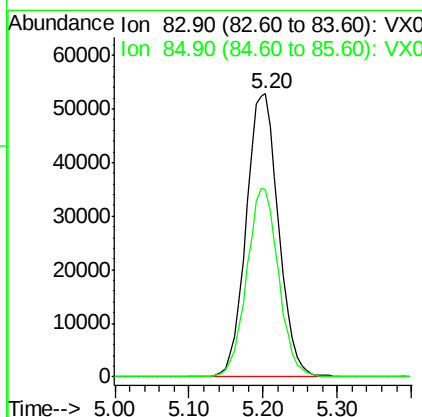
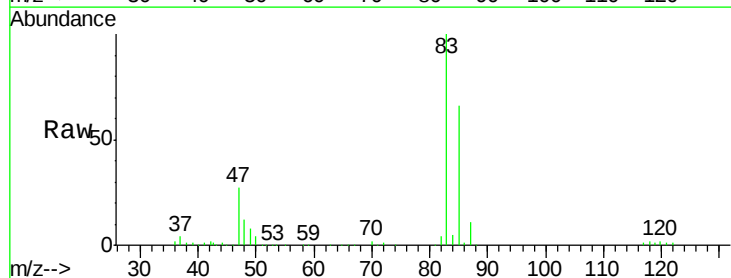
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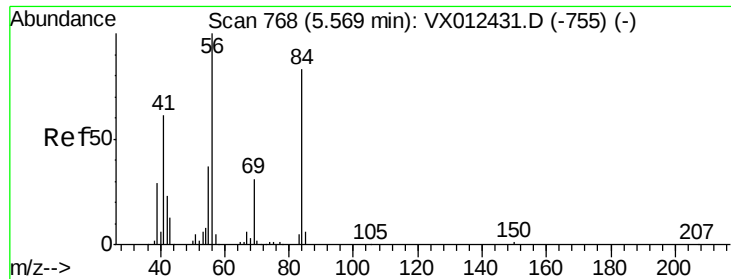
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#30
Chloroform
Concen: 37.347 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.0	79.4





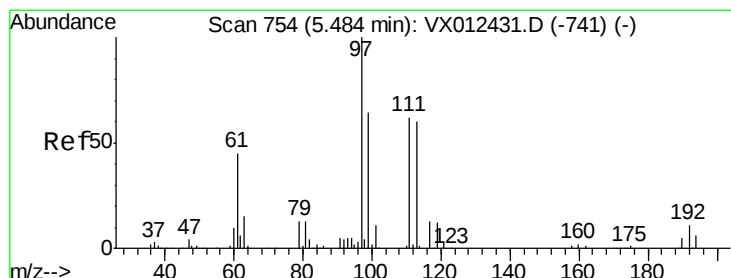
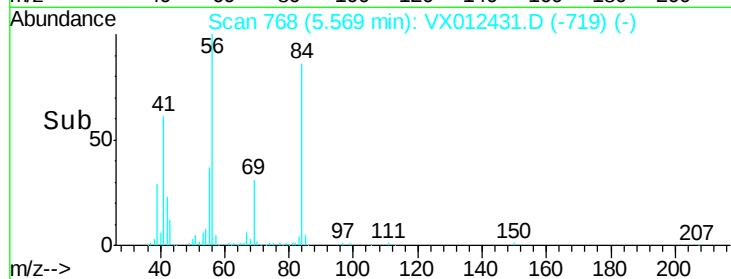
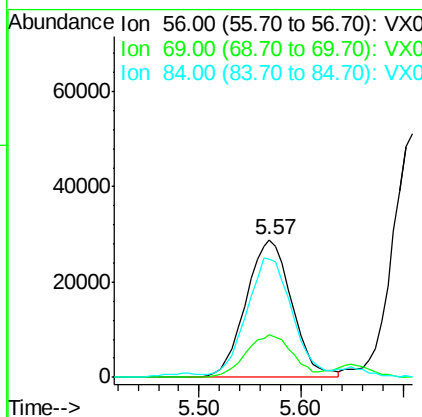
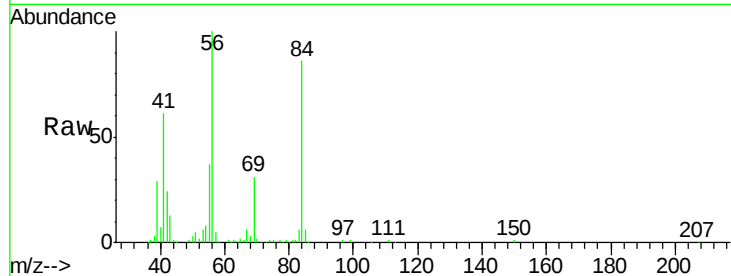
#31
Cyclohexane
Concen: 40.151 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	83.0	66.4	99.6

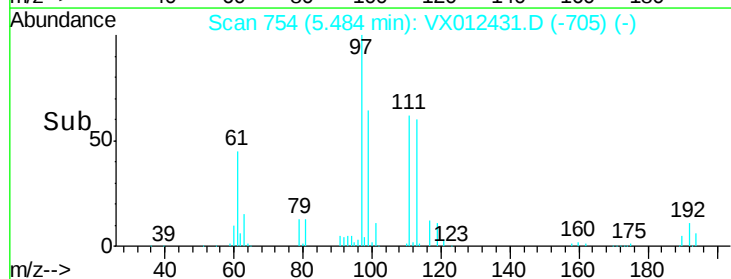
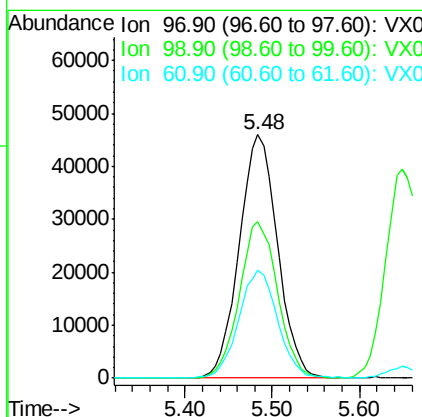
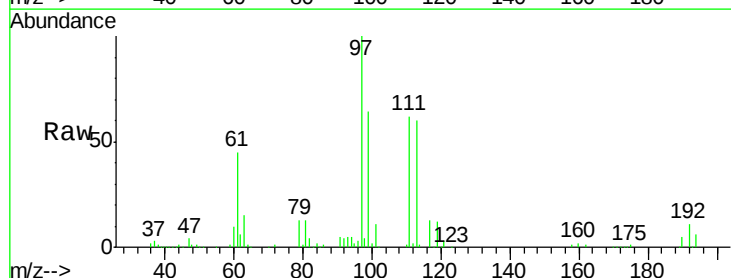
Manual Integrations
APPROVED

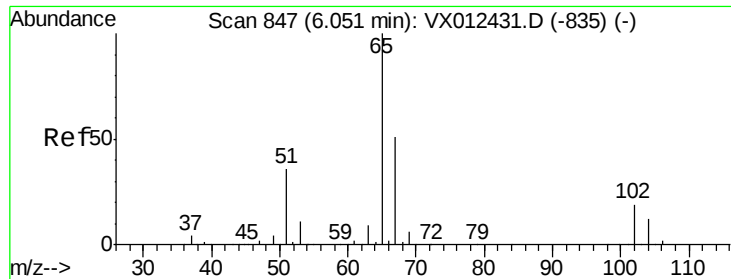
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#32
1,1,1-Trichloroethane
Concen: 39.230 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

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





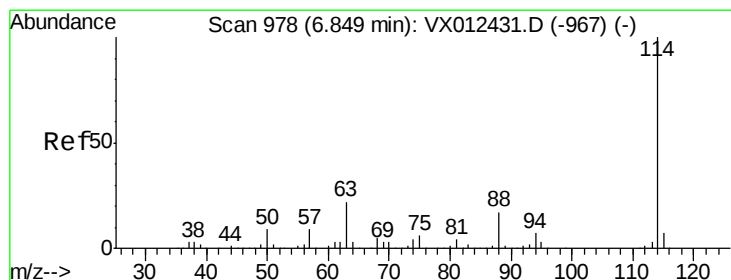
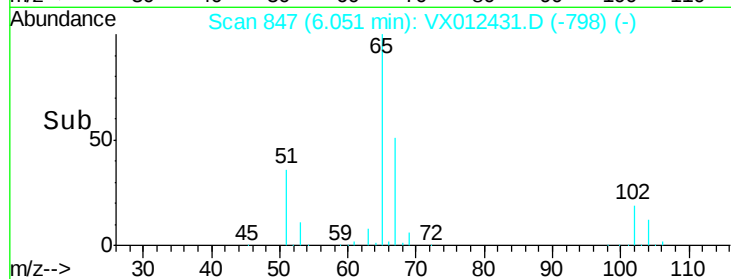
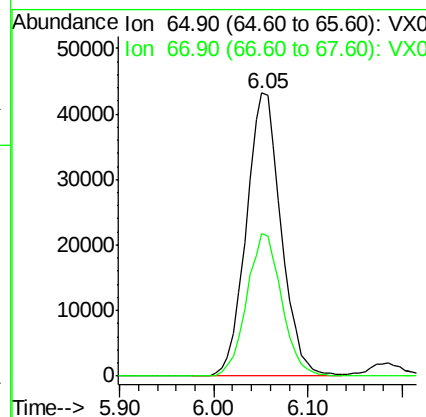
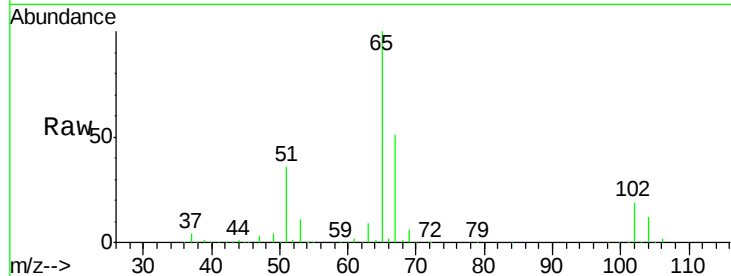
#33
 1,2-Dichloroethane-d4
 Concen: 34.683 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111763		
67	50.6	0.0	101.2	

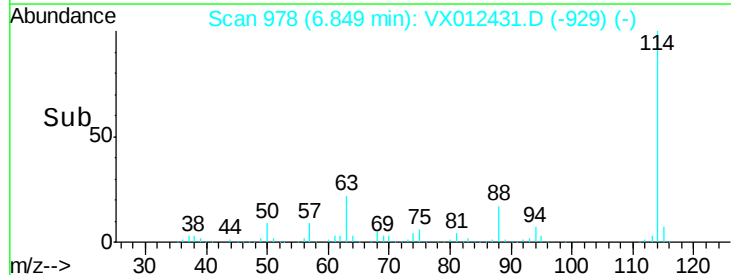
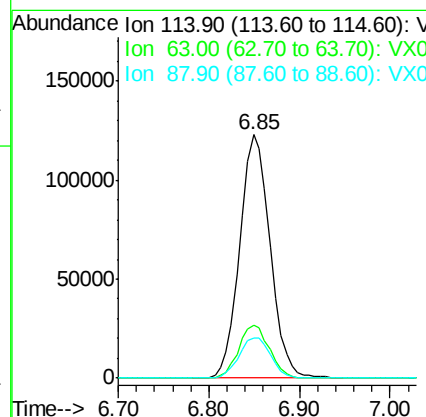
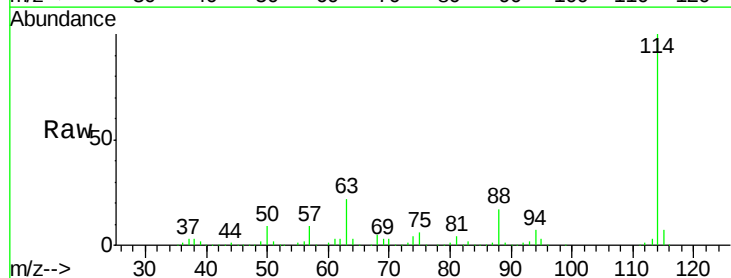
Manual Integrations
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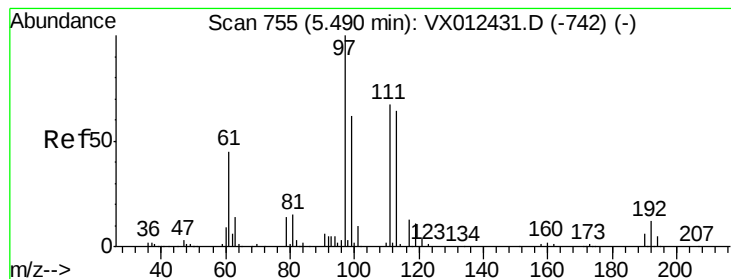
MMDadoda
 9/18/2019 11:22:13 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	285900		
63	21.6	0.0	43.2	
88	16.6	0.0	33.2	





#35

Dibromofluoromethane

Concen: 31.857 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

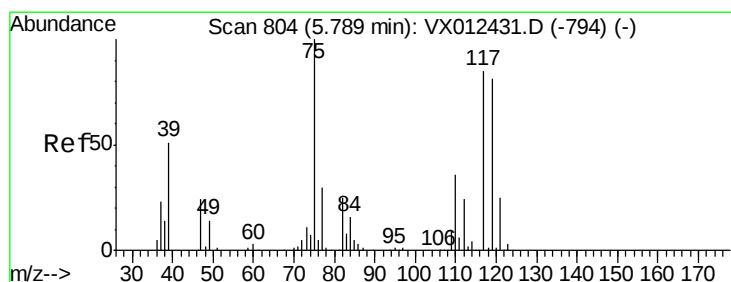
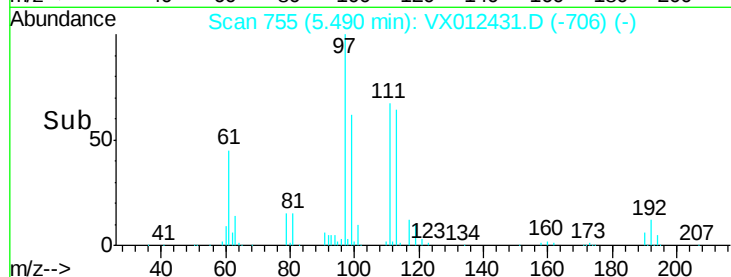
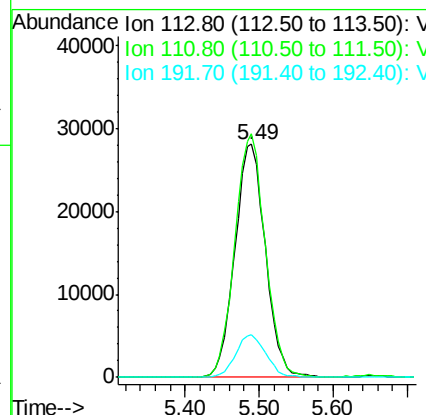
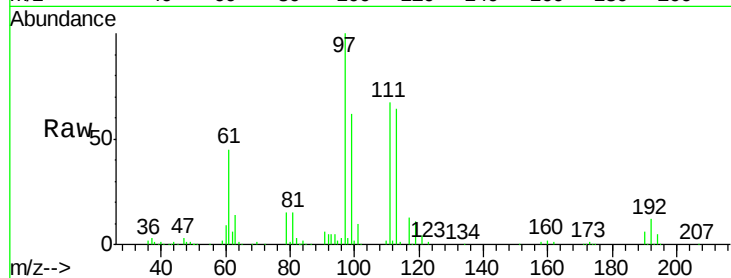
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	80730
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.2
192	18.0	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 36.770 ug/l

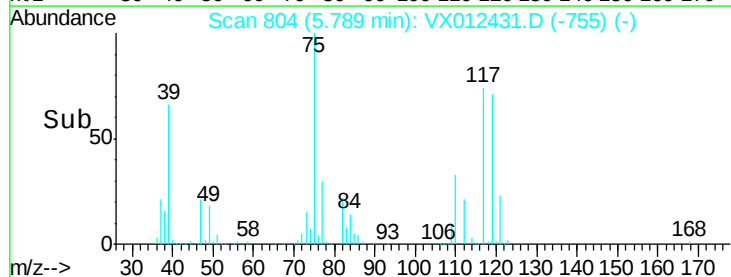
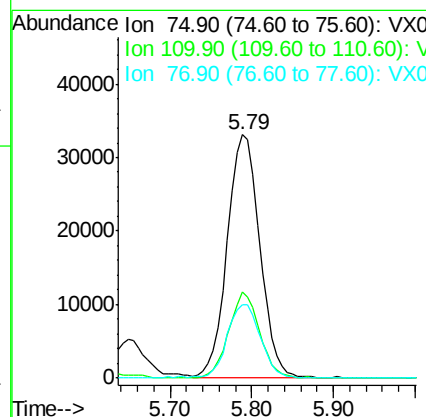
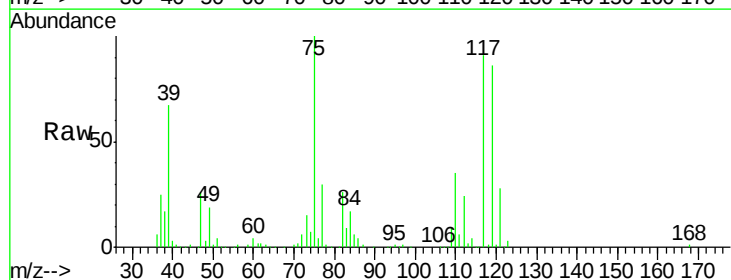
RT: 5.79 min Scan# 804

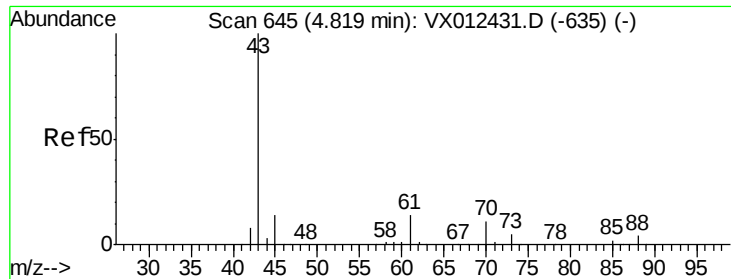
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	75	Resp:	91699
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.7	50.0
77	30.2	24.2	36.2





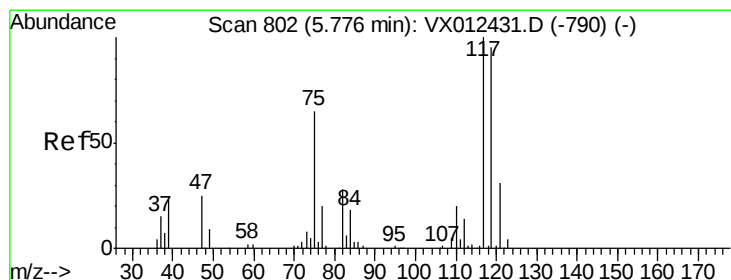
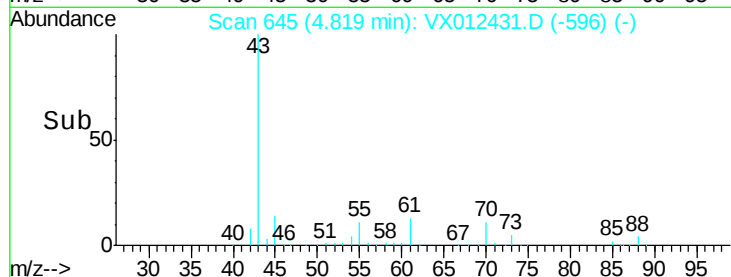
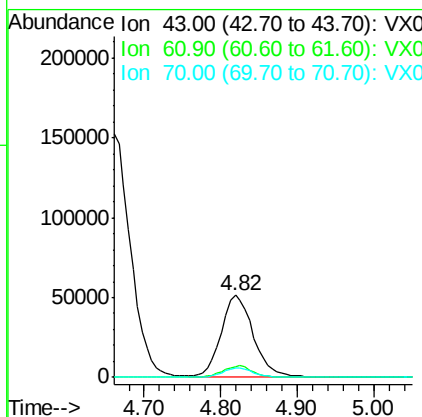
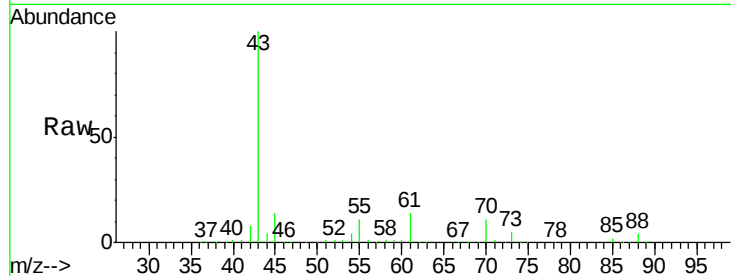
#37
Ethyl Acetate
Concen: 38.652 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.4
70	10.9	8.7	13.1

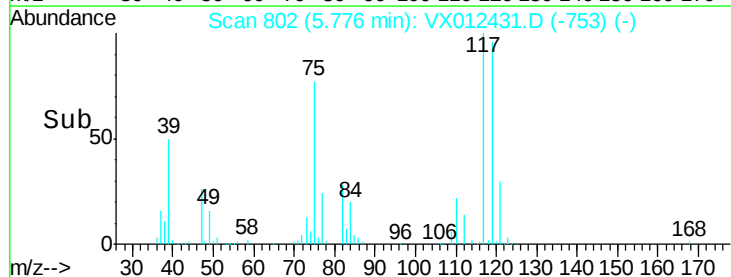
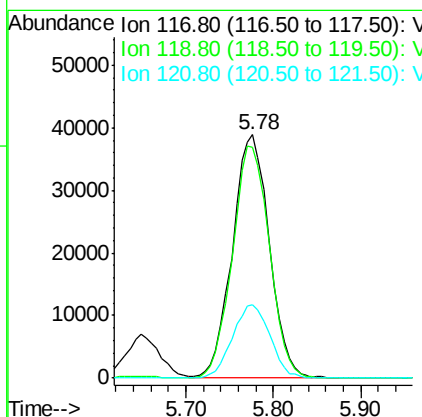
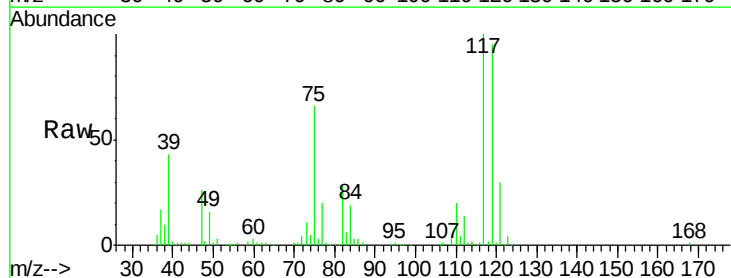
Manual Integrations
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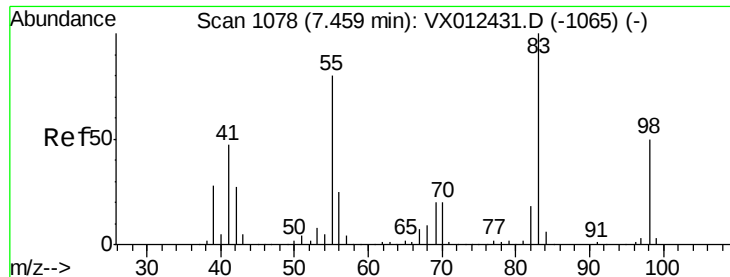
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#38
Carbon Tetrachloride
Concen: 37.826 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.7	113.5
121	30.3	24.2	36.4





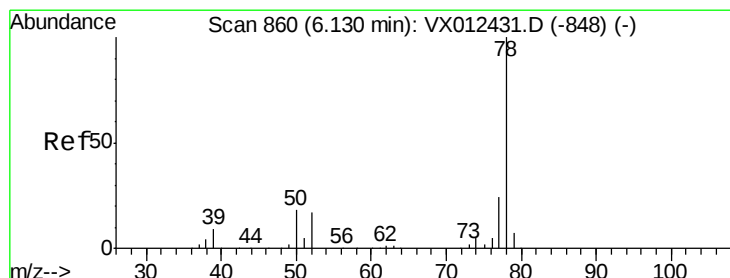
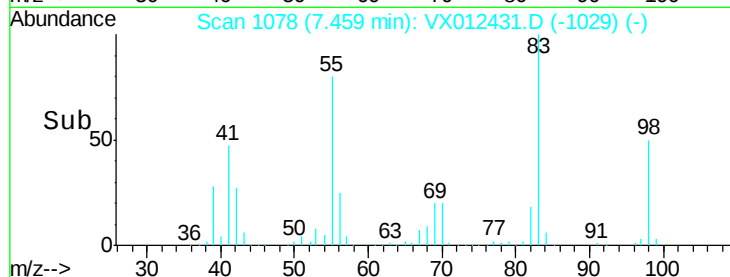
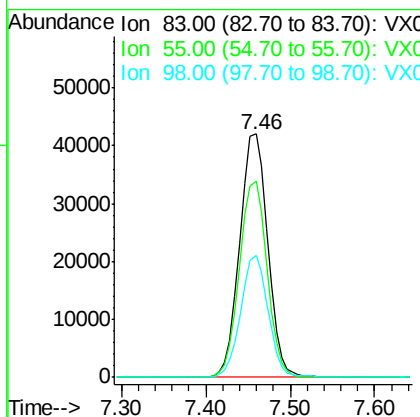
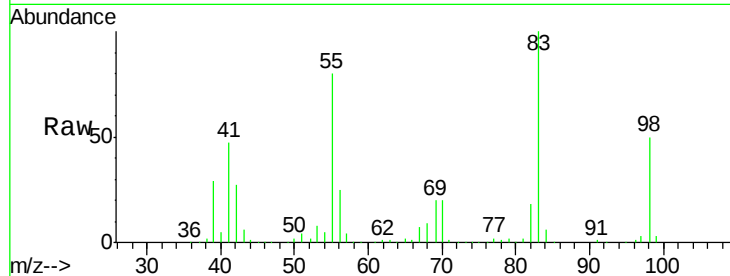
#39
Methvlcvclohexane
Concen: 39.445 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	64.4	96.6
98	50.1	40.1	60.1

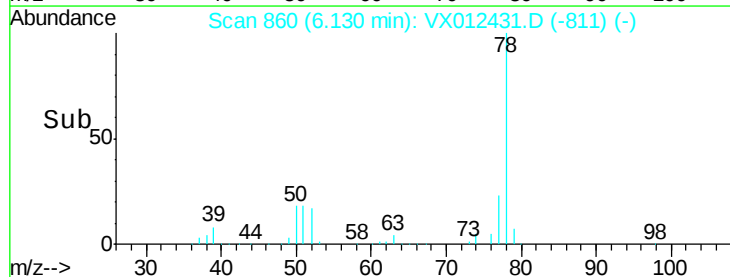
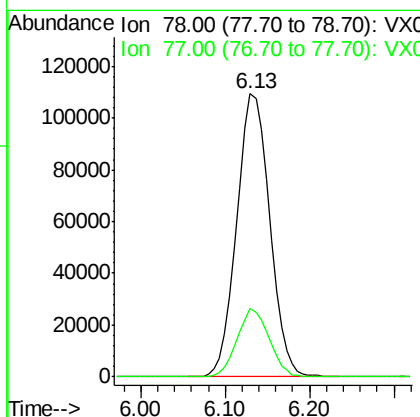
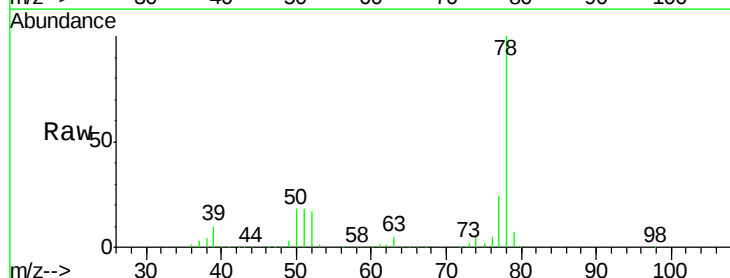
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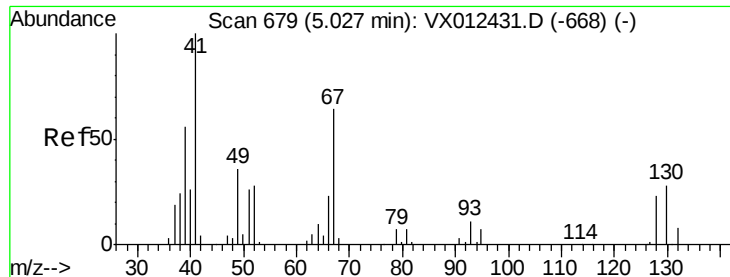
MMDadoda
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#40
Benzene
Concen: 38.009 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





#41

Methacrylonitrile

Concen: 40.374 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 88296

Ion Ratio Lower Upper

41 100

39 57.5 46.0 69.0

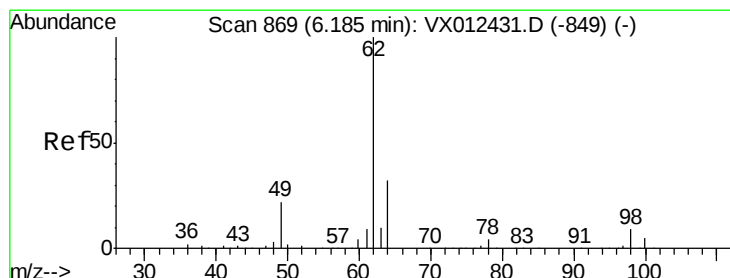
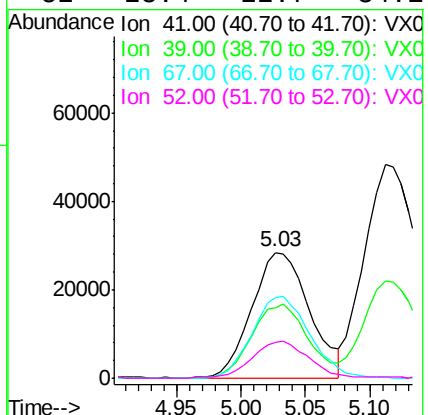
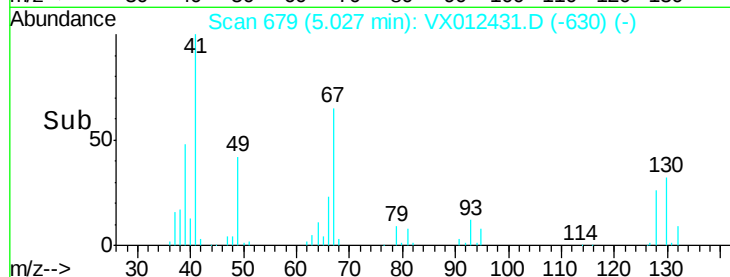
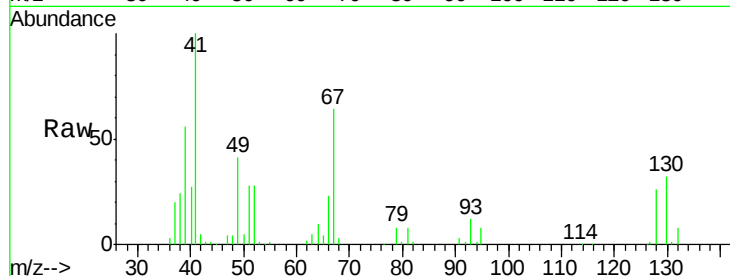
67 65.2 52.2 78.2

52 28.4 22.7 34.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 37.783 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012431.D

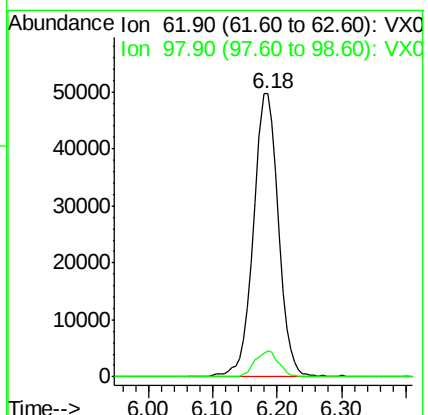
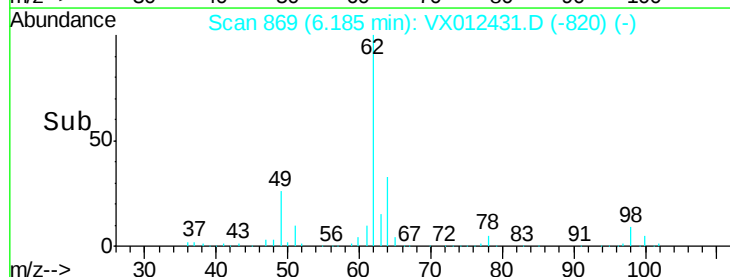
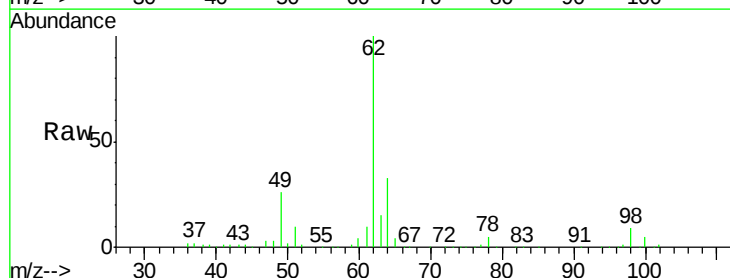
Acq: 17 Sep 2019 13:09

Tgt Ion: 62 Resp: 131789

Ion Ratio Lower Upper

62 100

98 8.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 38.542 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

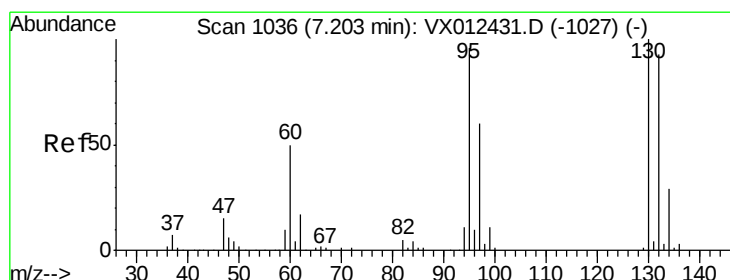
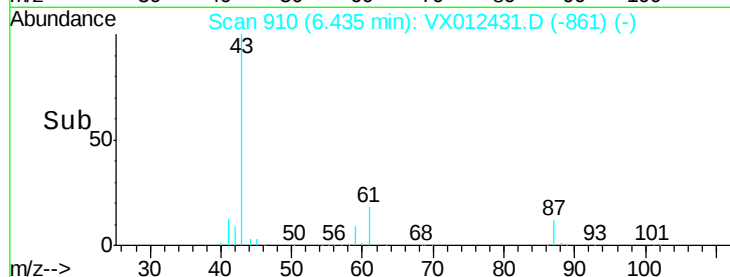
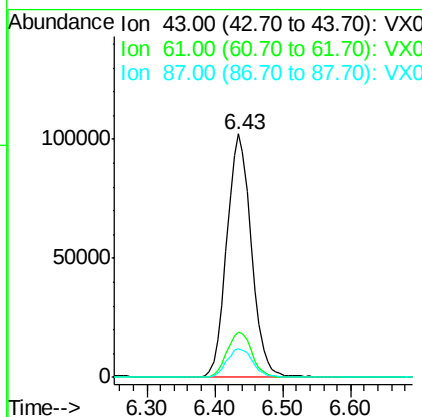
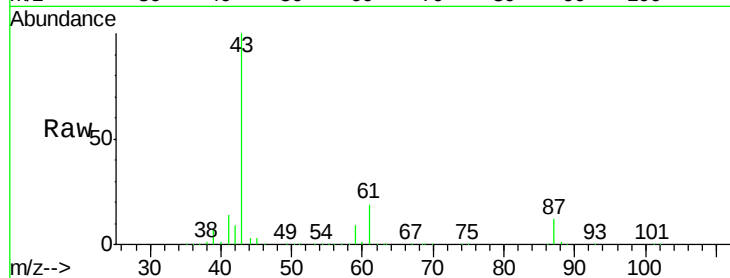
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	254492
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.3	9.8	14.8

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#44

Trichloroethene

Concen: 37.868 ug/l

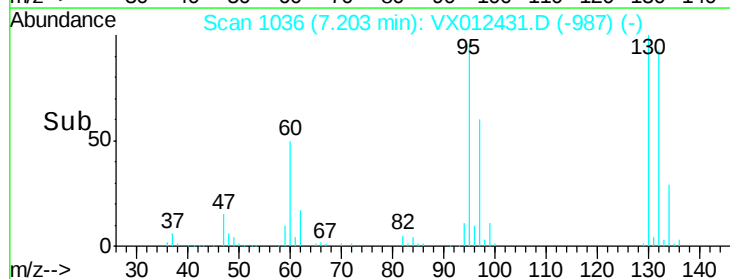
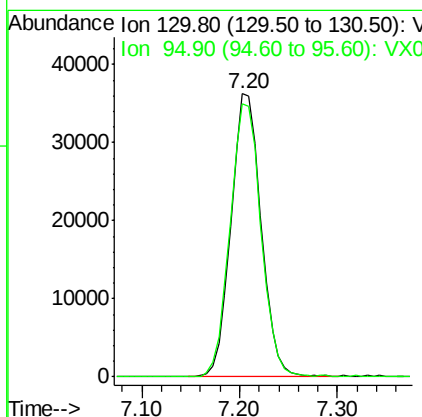
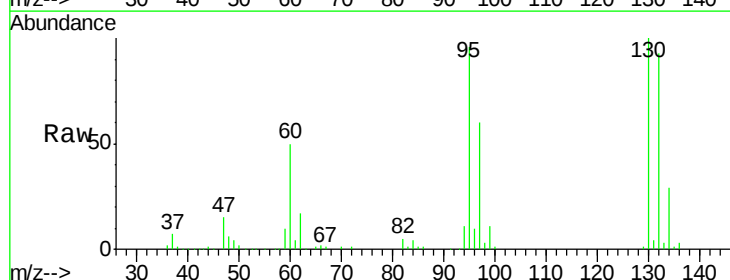
RT: 7.20 min Scan# 1036

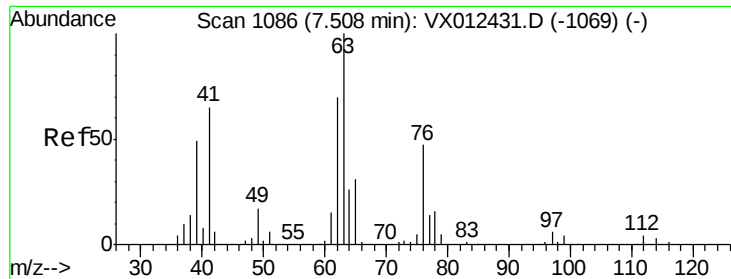
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	130	Resp:	77650
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	193.0





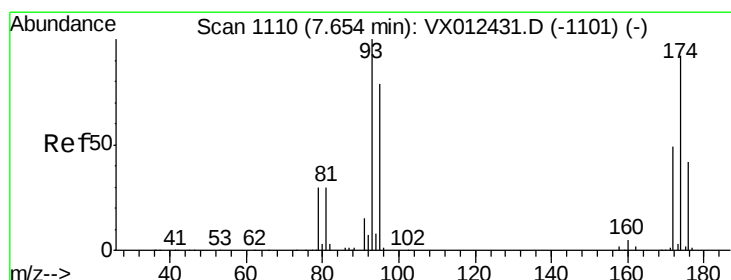
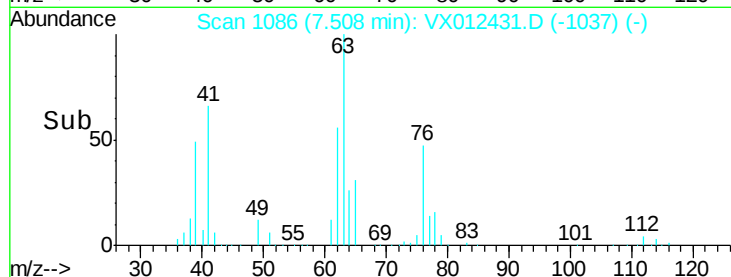
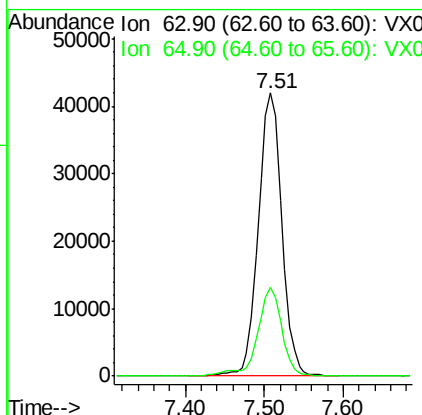
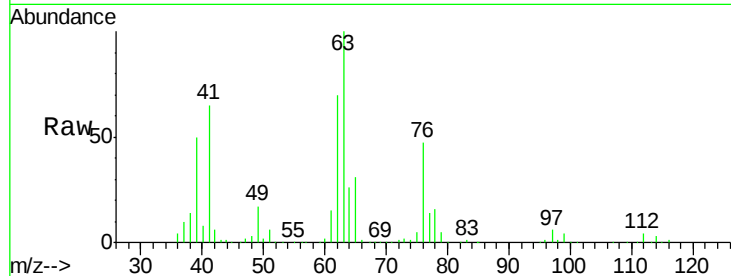
#45
 1,2-Dichloropropane
 Concen: 37.128 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 87236
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

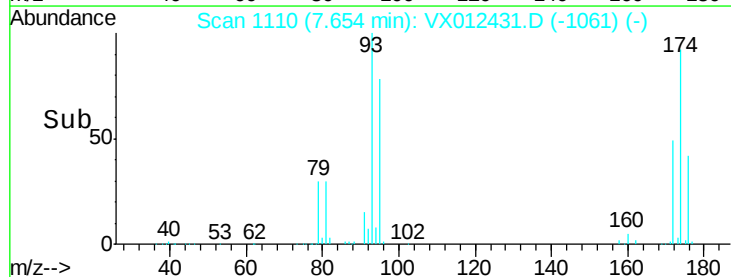
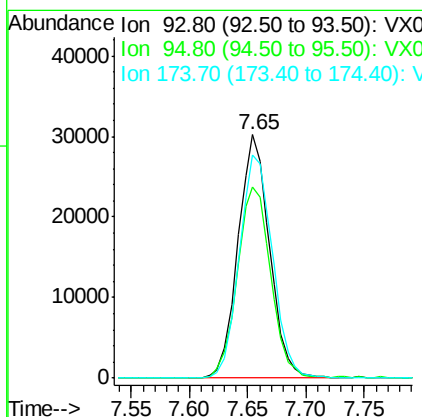
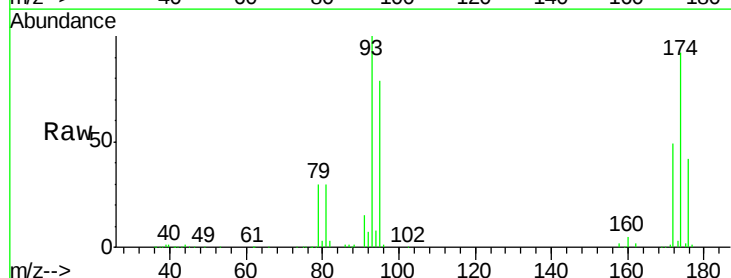
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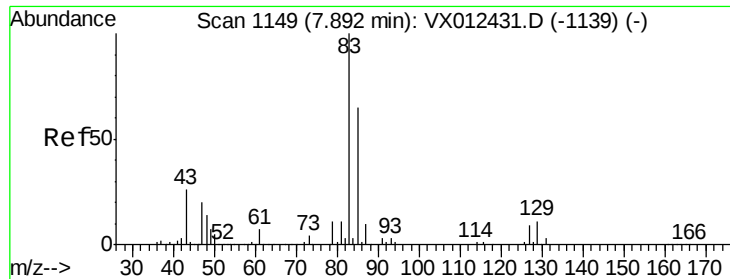
MMDadoda
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#46
 Dibromomethane
 Concen: 36.555 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion: 93 Resp: 57034
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 96.7 77.4 116.0





#47

Bromodichloromethane

Concen: 37.563 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tot Ion:	83	Resp:	130510
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6
127	9.1	7.3	10.9

Instrument :

MSVOA_X

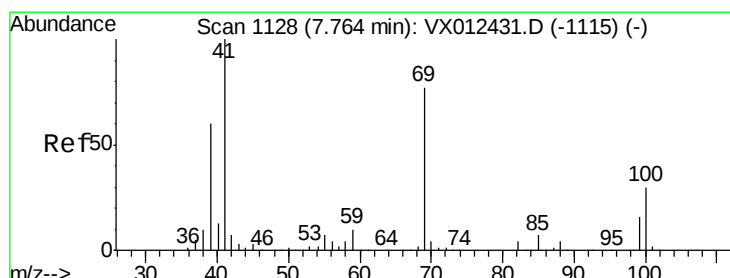
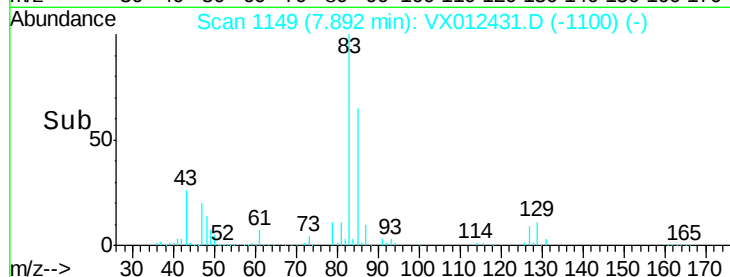
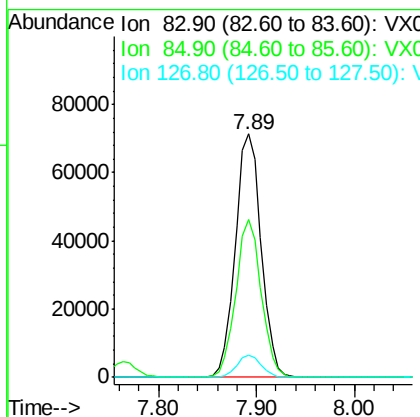
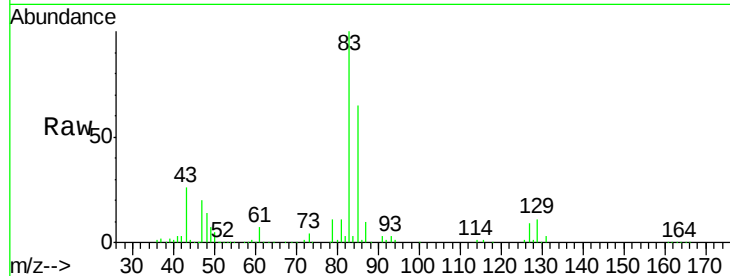
ClientSampleId :

VSTDICCC050

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#48

Methyl methacrylate

Concen: 41.221 ug/l

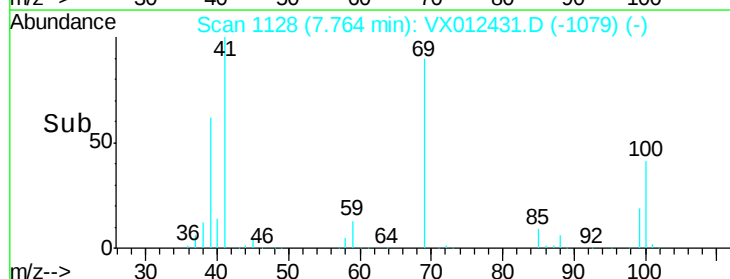
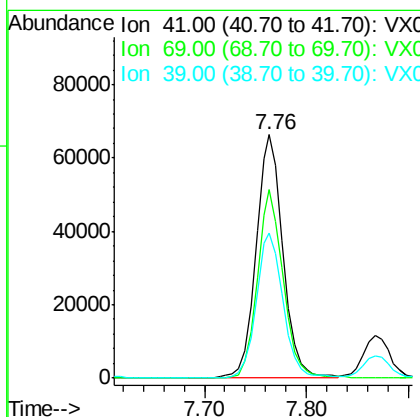
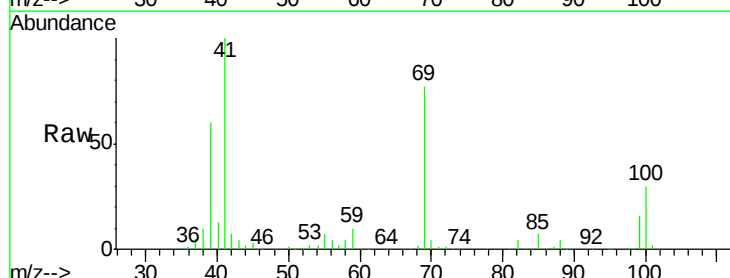
RT: 7.76 min Scan# 1128

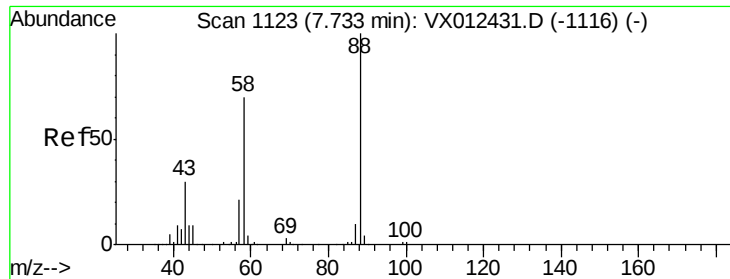
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	41	Resp:	120843
Ion	Ratio	Lower	Upper
41	100		
69	74.9	59.9	89.9
39	59.7	47.8	71.6





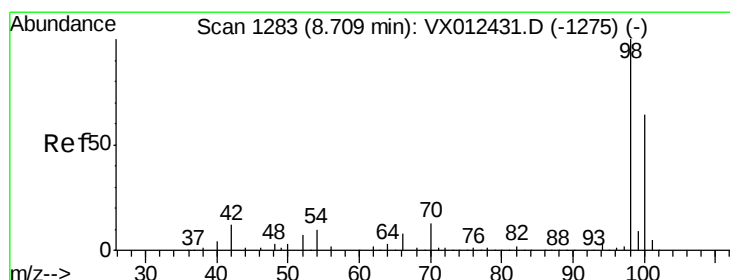
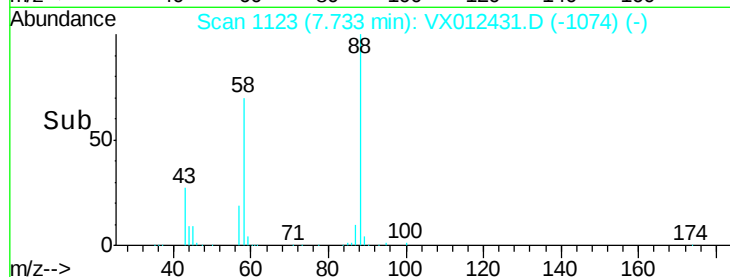
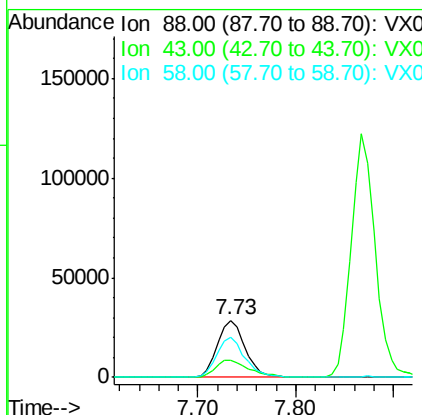
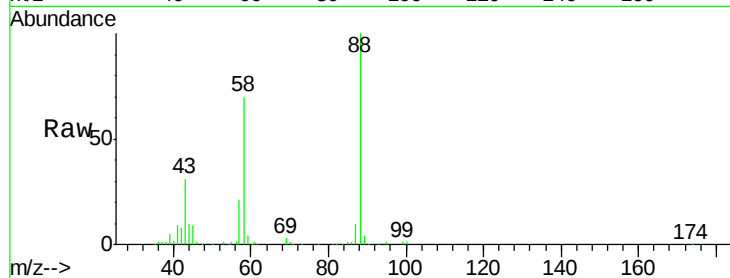
#49
1,4-Dioxane
Concen: 757.886 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.4	44.0
58	71.9	57.5	86.3

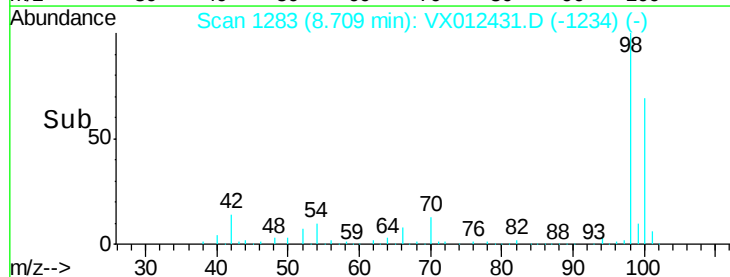
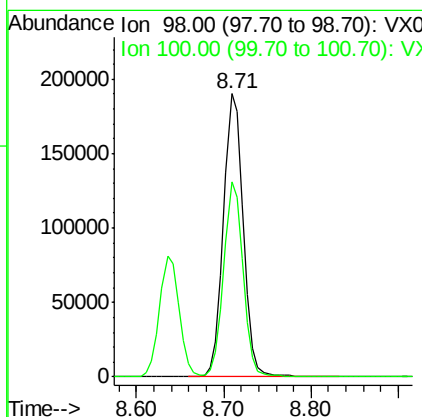
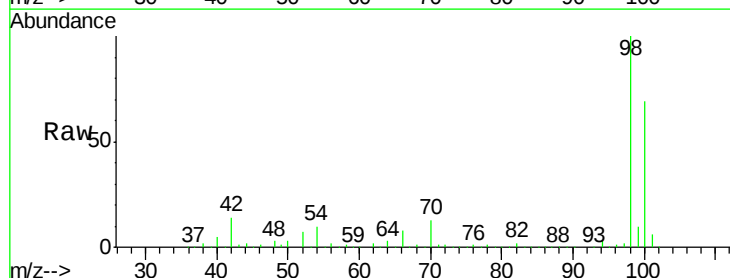
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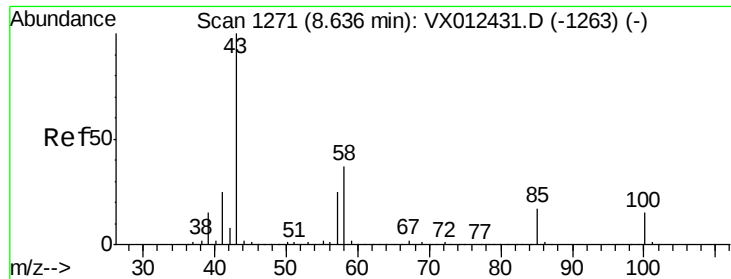
MMDadoda
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#50
Toluene-d8
Concen: 33.115 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 195.485 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 835022

Ion Ratio Lower Upper

43 100

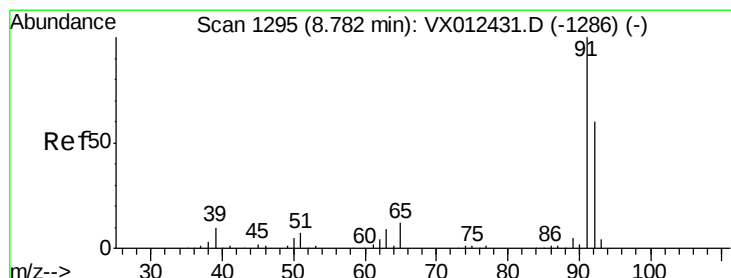
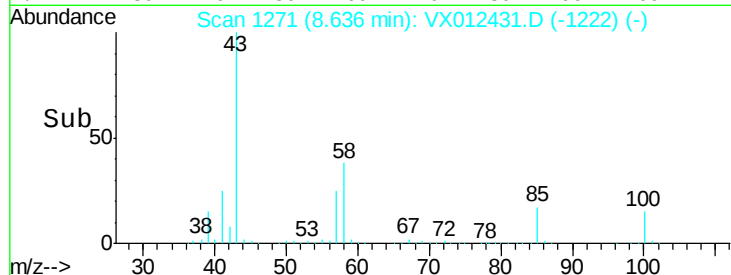
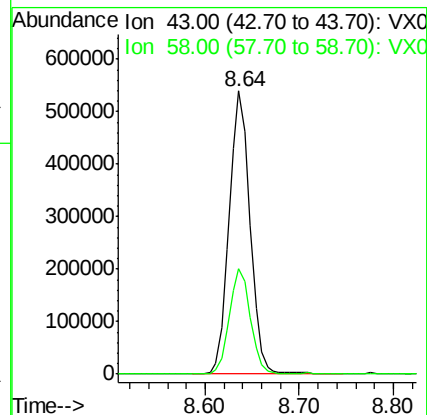
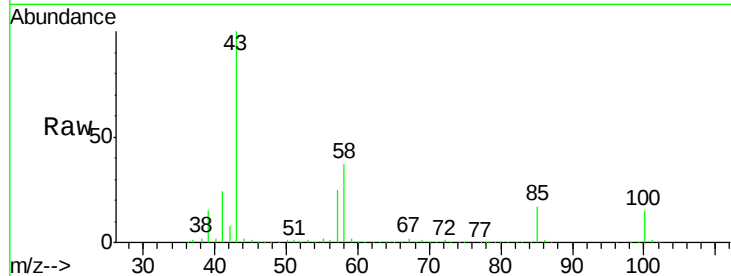
58 37.2 29.8 44.6

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#52

Toluene

Concen: 38.132 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012431.D

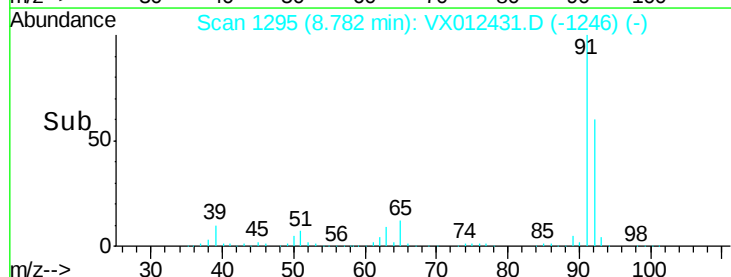
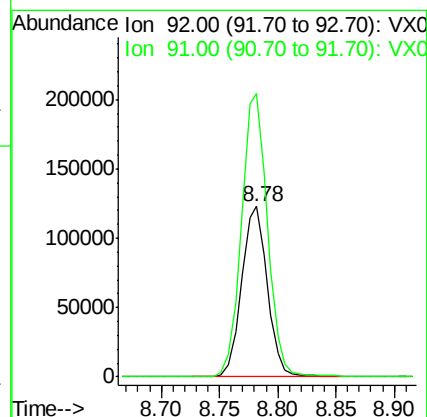
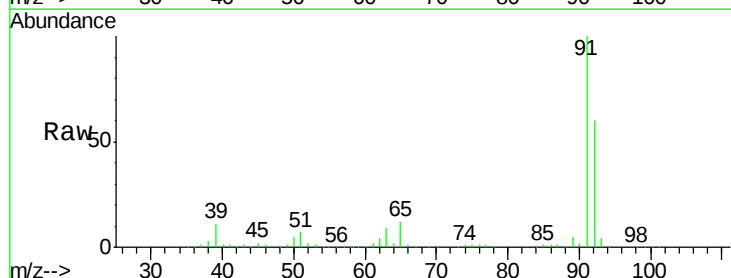
Acq: 17 Sep 2019 13:09

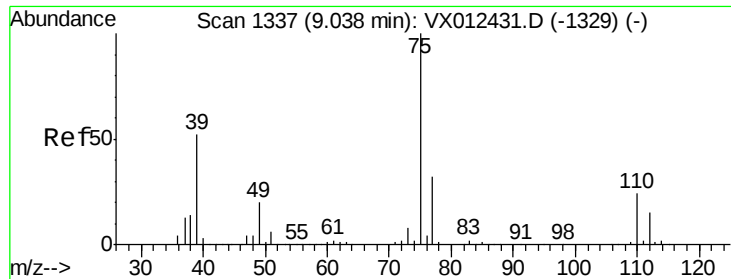
Tgt Ion: 92 Resp: 189306

Ion Ratio Lower Upper

92 100

91 169.2 135.4 203.0





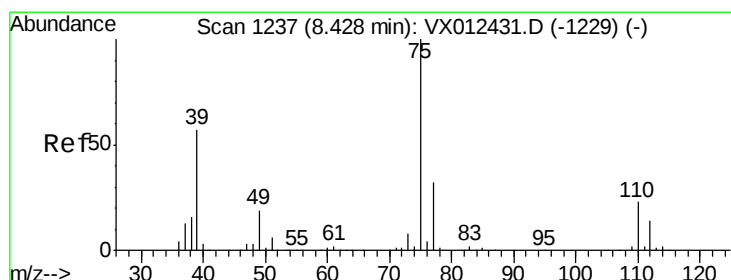
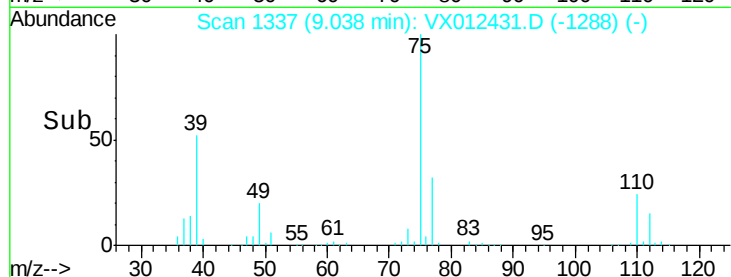
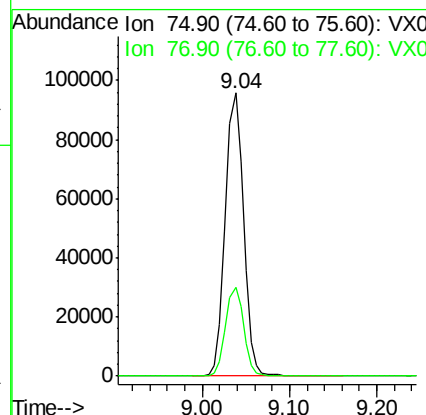
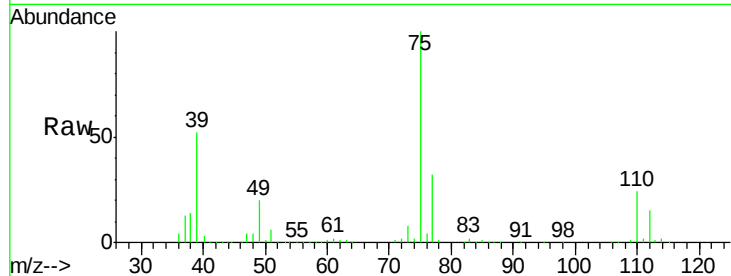
#53
t-1,3-Dichloropropene
Concen: 38.518 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 138865
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

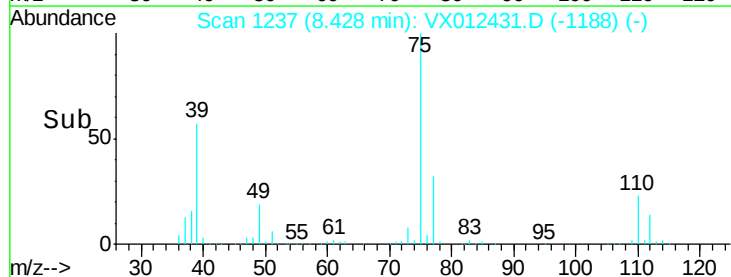
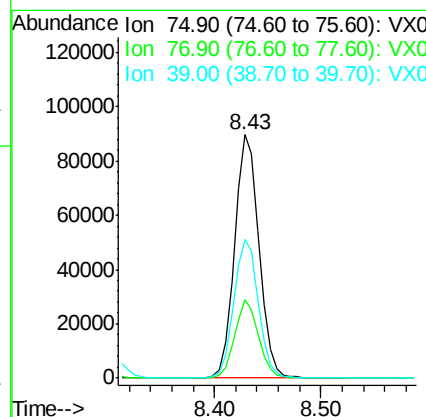
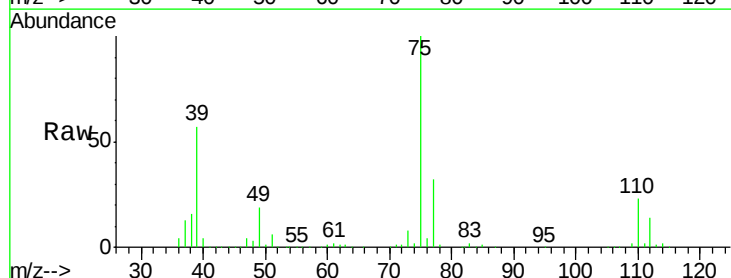
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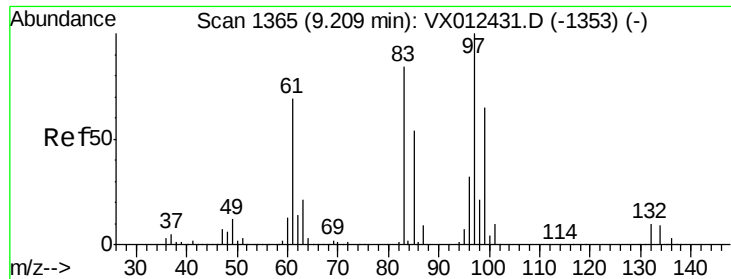
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#54
cis-1,3-Dichloropropene
Concen: 38.557 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion: 75 Resp: 143877
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 56.9 45.5 68.3





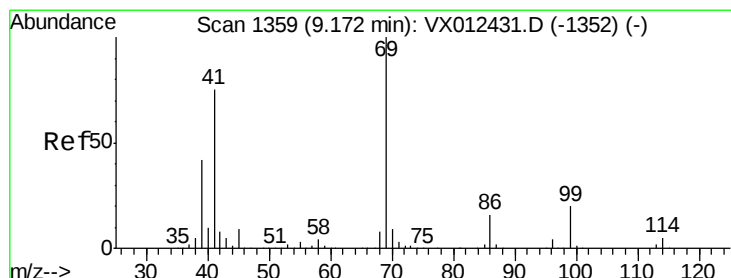
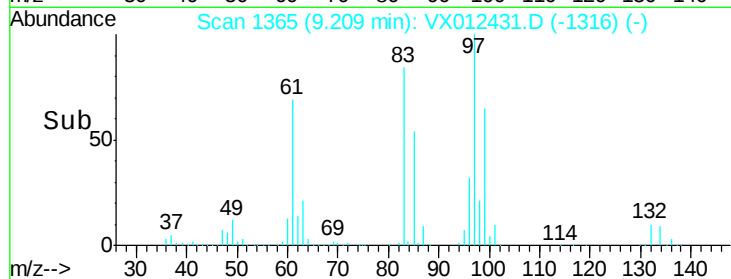
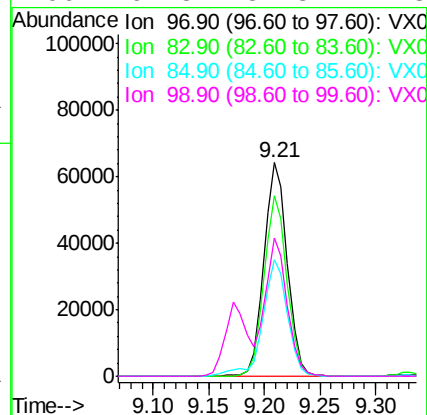
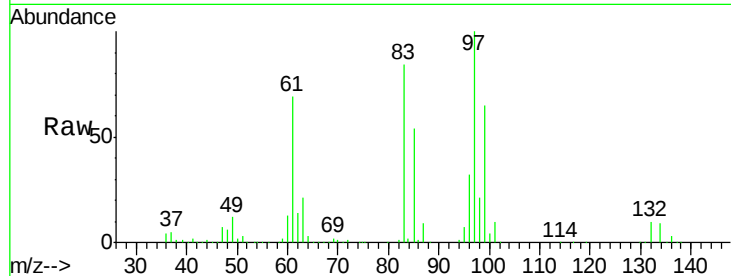
#55
 1,1,2-Trichloroethane
 Concen: 35.859 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	94215
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	54.4	43.5	65.3
99	64.8	51.8	77.8

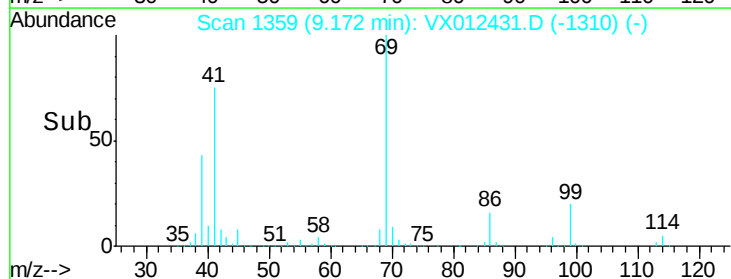
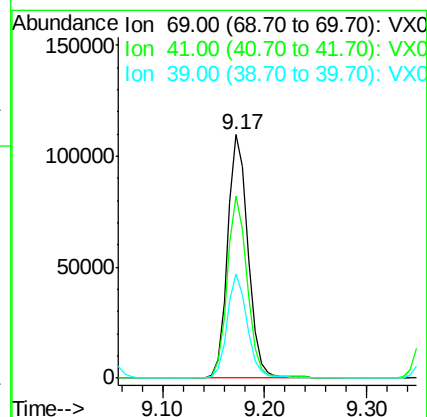
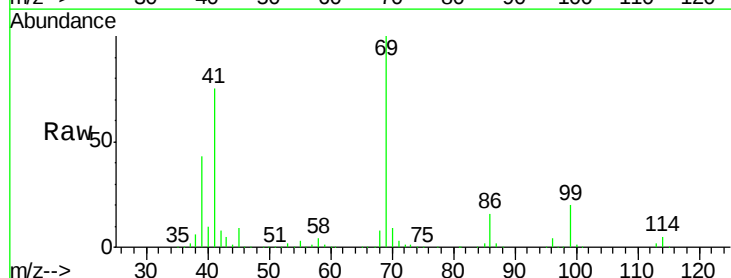
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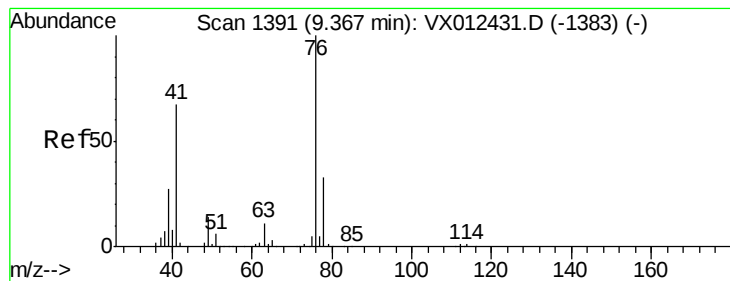
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#56
 Ethyl methacrylate
 Concen: 38.720 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion:	69	Resp:	152884
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.4	87.6
39	41.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 36.911 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 153502

Ion Ratio Lower Upper

76 100

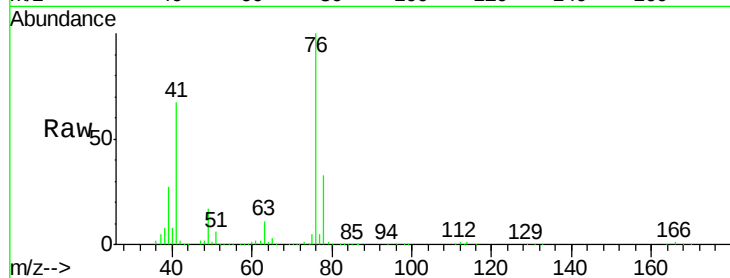
78 32.7 26.2 39.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

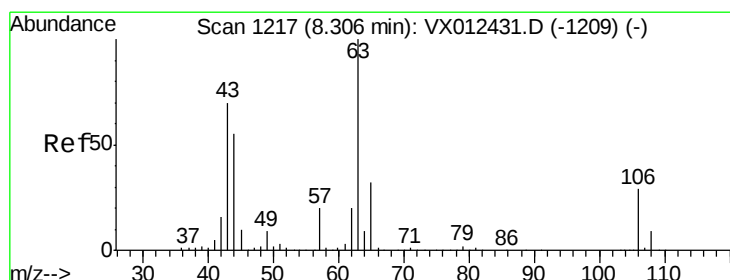
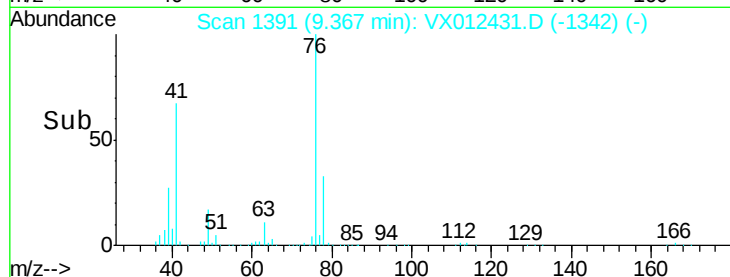
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 181.871 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012431.D

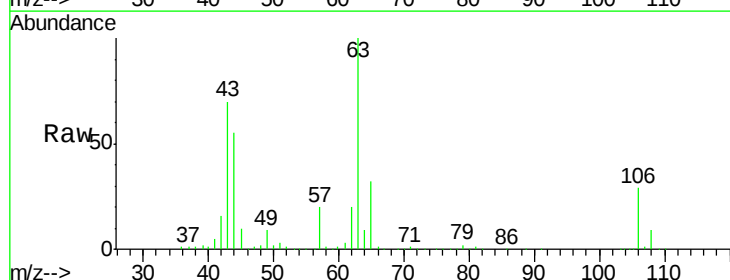
Acq: 17 Sep 2019 13:09

Tgt Ion: 63 Resp: 382766

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

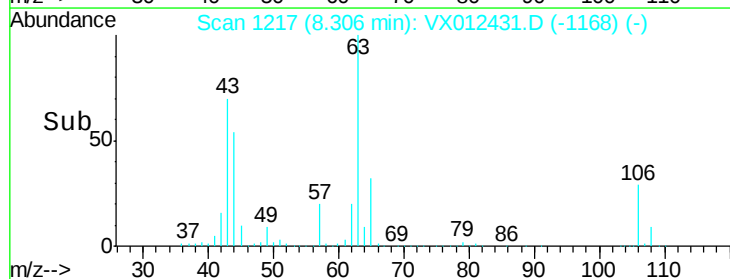
150000

100000

50000

0

Time-->





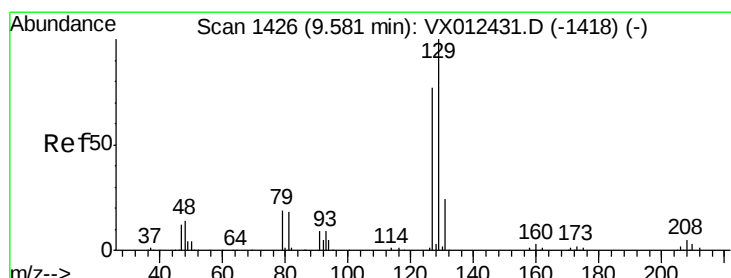
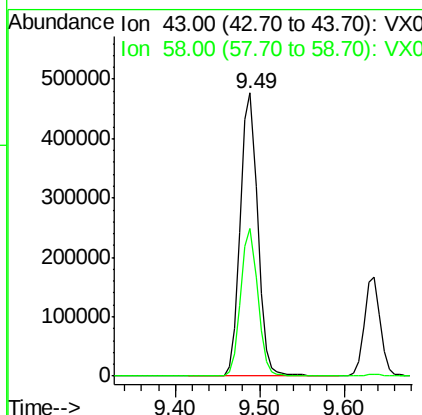
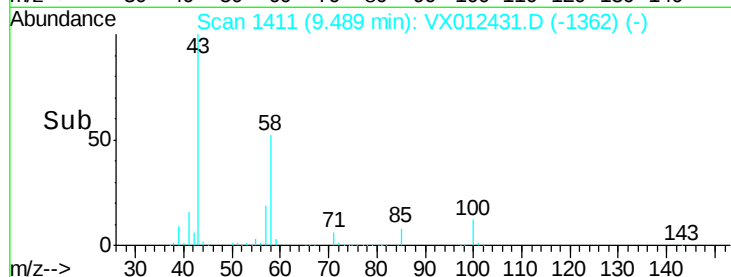
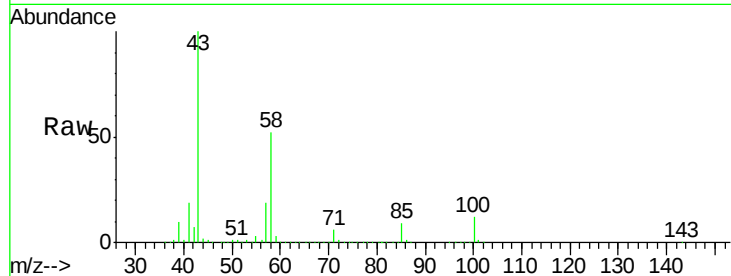
#59
2-Hexanone
Concen: 198.526 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 655564
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.1

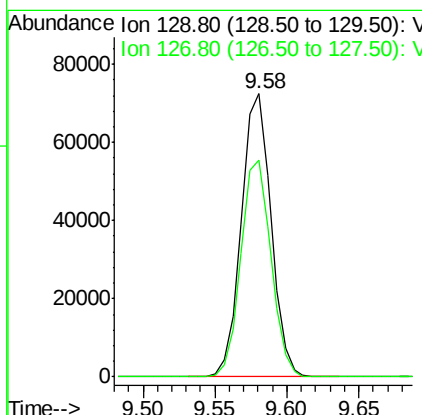
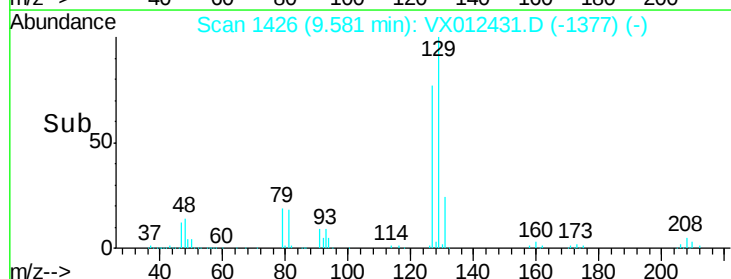
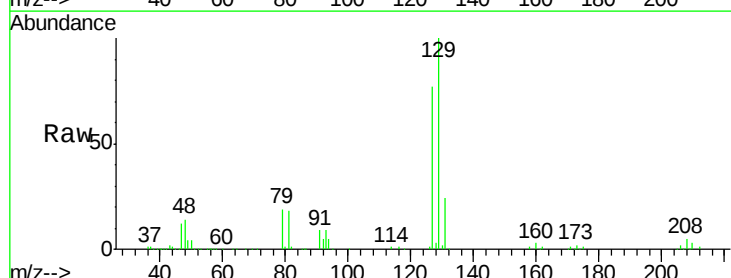
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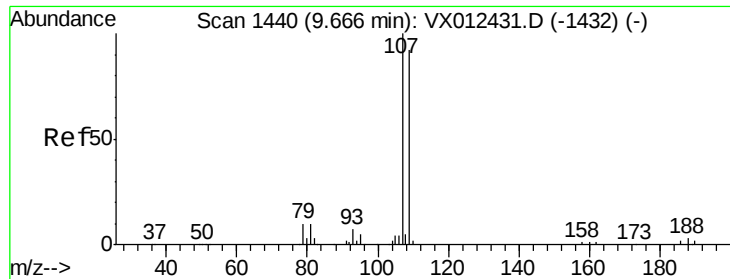
MMDadoda
9/18/2019 11:22:13 AM



#60
Dibromochloromethane
Concen: 38.549 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion: 129 Resp: 103431
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 37.898 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 91301

Ion Ratio Lower Upper

107 100

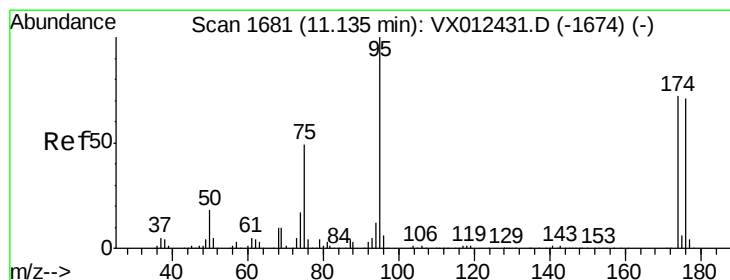
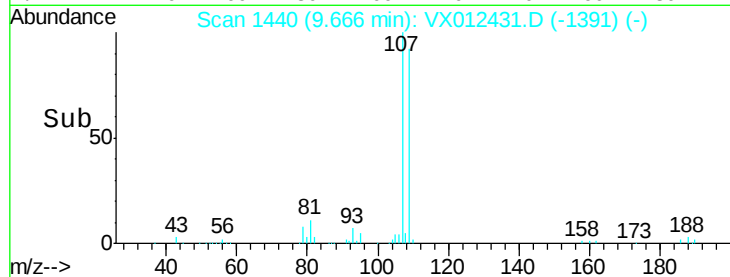
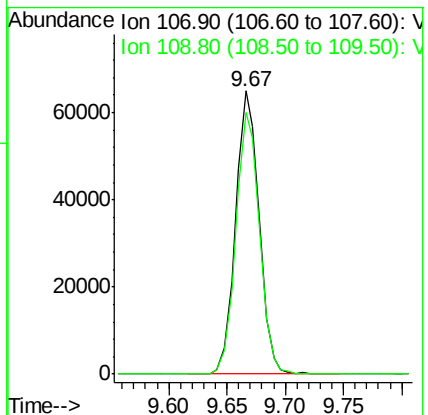
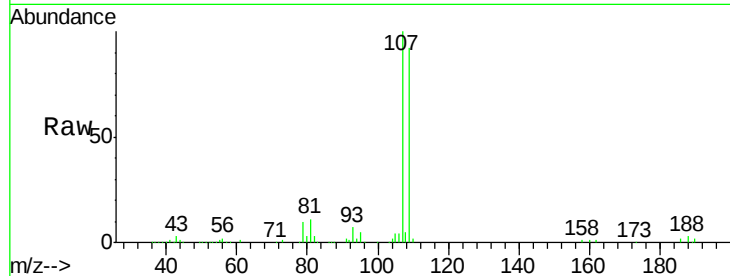
109 93.4 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 32.241 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

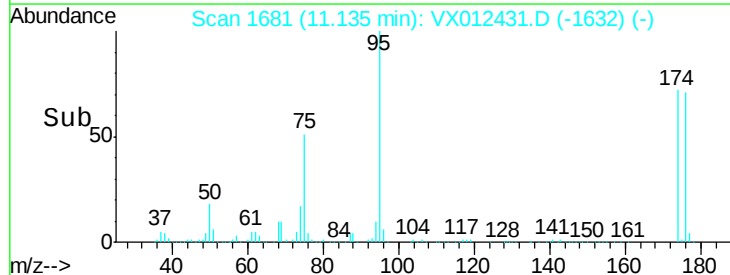
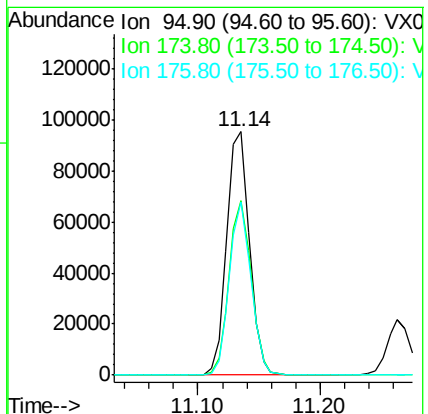
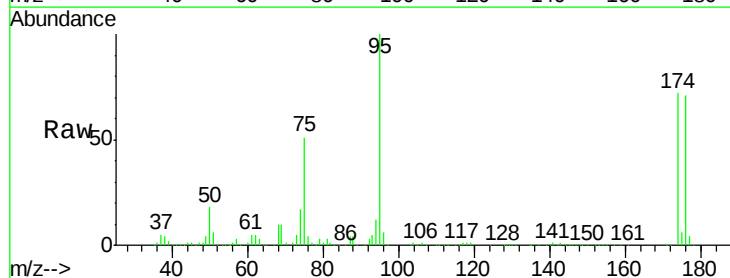
Tgt Ion: 95 Resp: 122719

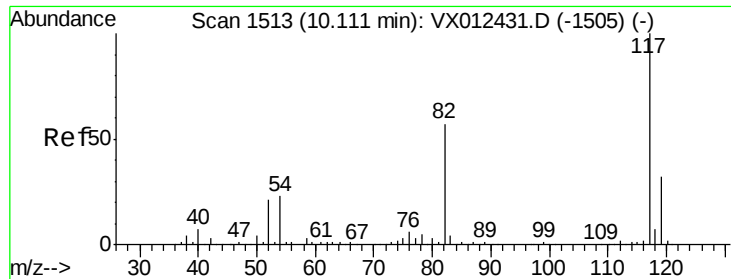
Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.0

176 67.7 0.0 135.4





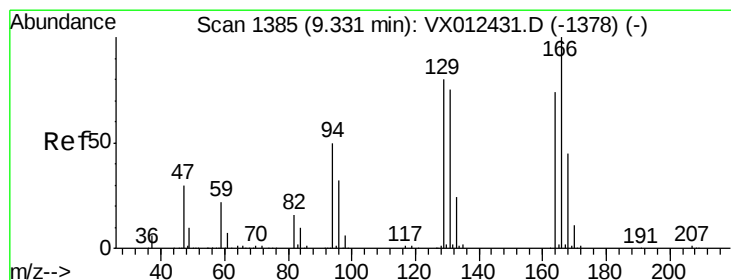
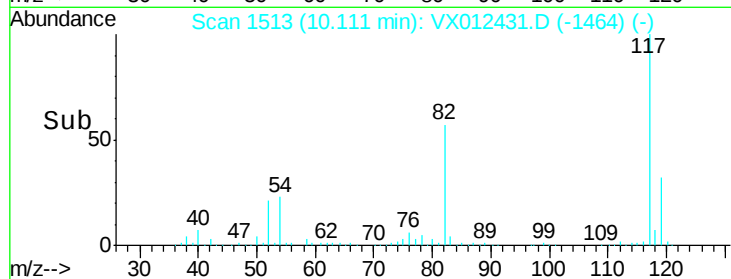
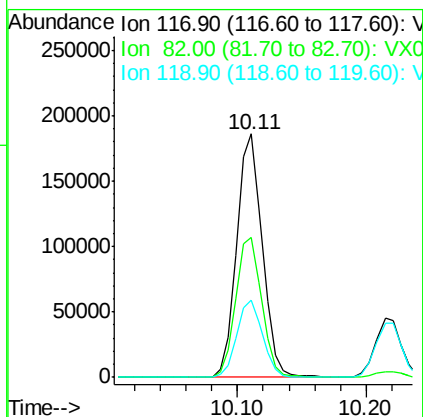
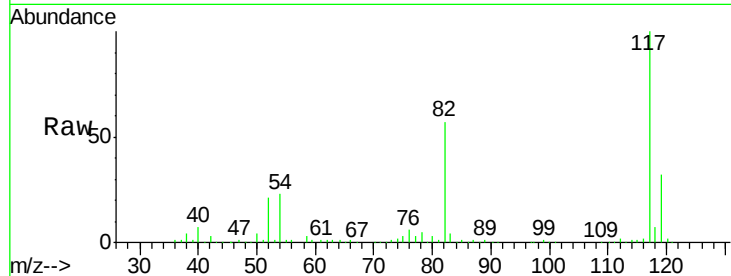
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.9	68.9
119	31.6	25.3	37.9

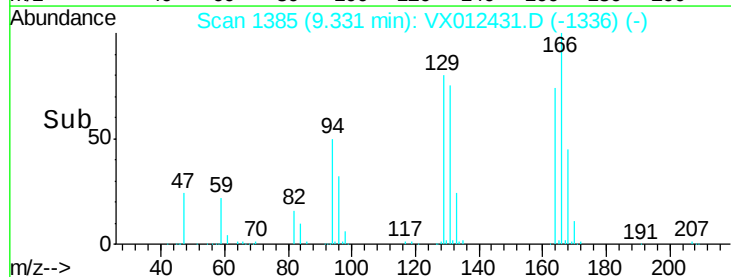
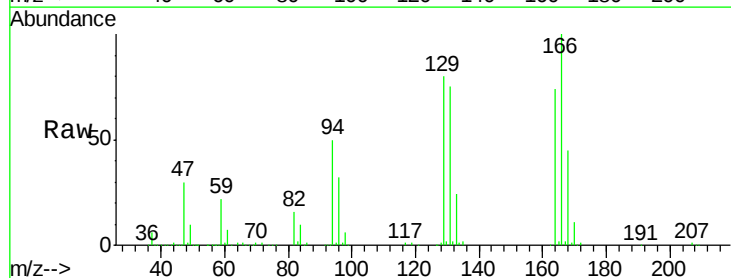
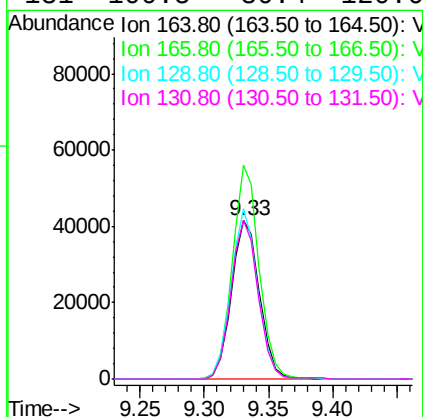
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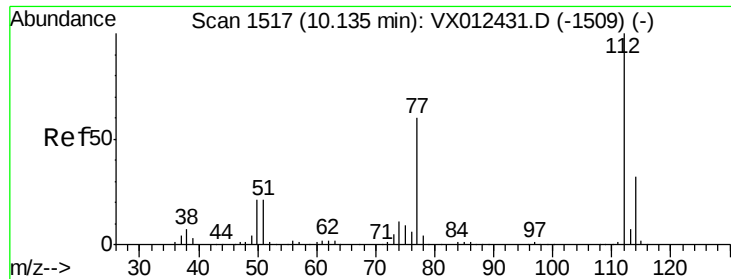
MMDadoda
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#64
Tetrachloroethene
Concen: 38.852 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.7	107.8	161.6
129	107.7	86.2	129.2
131	100.5	80.4	120.6





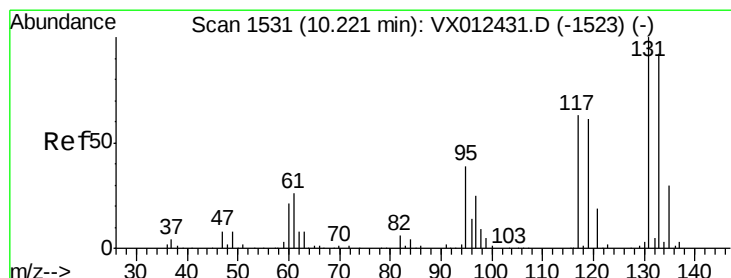
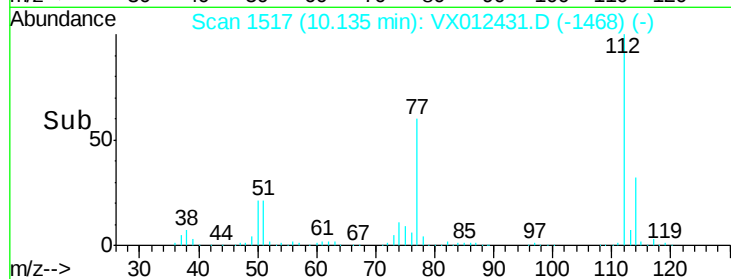
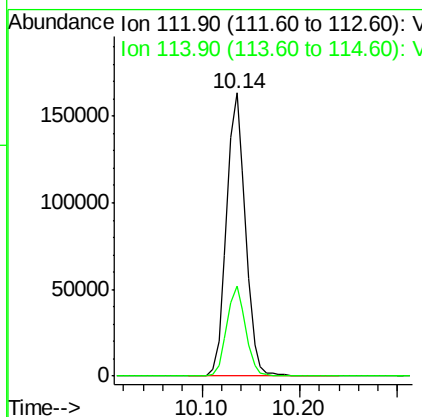
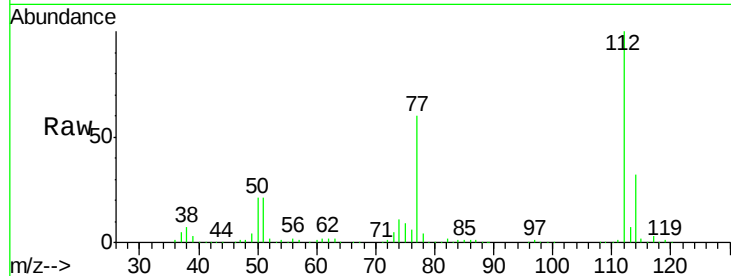
#65
Chlorobenzene
Concen: 38.789 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 219578
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

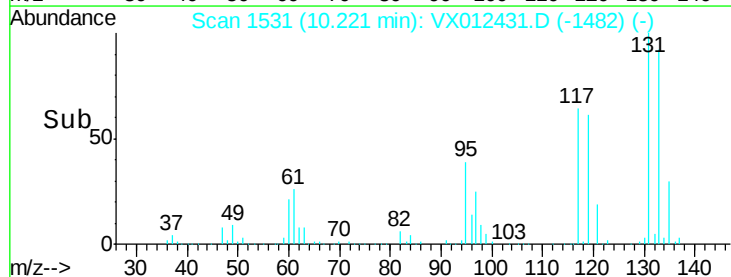
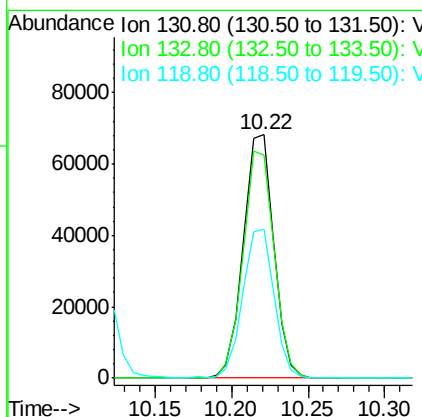
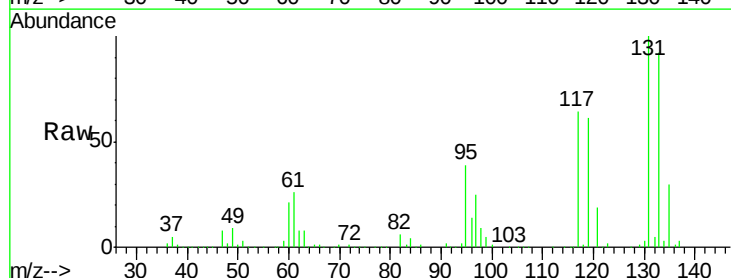
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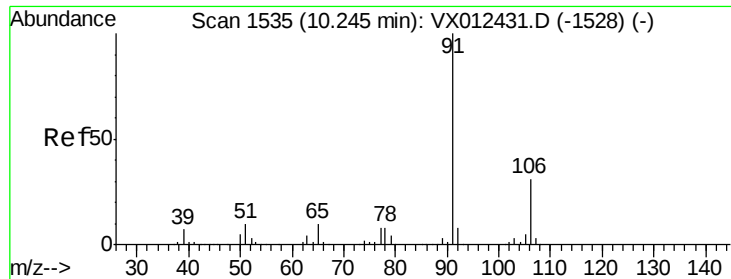
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#66
1,1,1,2-Tetrachloroethane
Concen: 39.375 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion:131 Resp: 94488
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 62.5 31.3 93.8





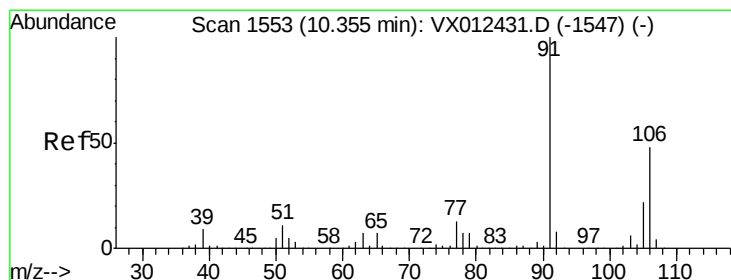
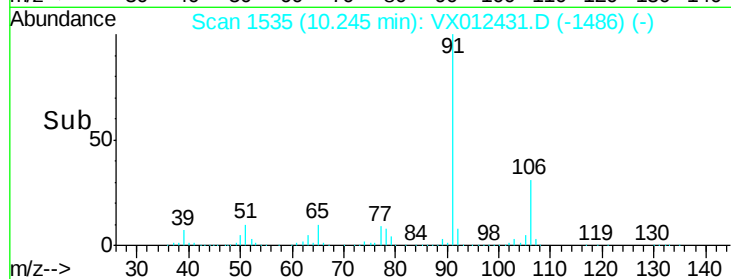
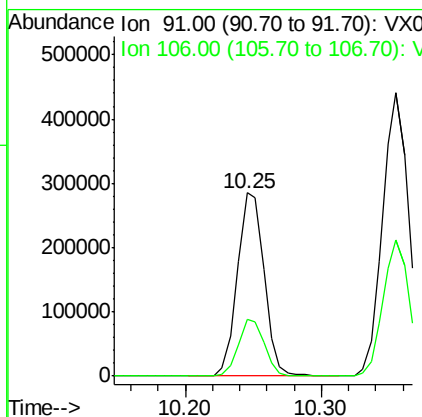
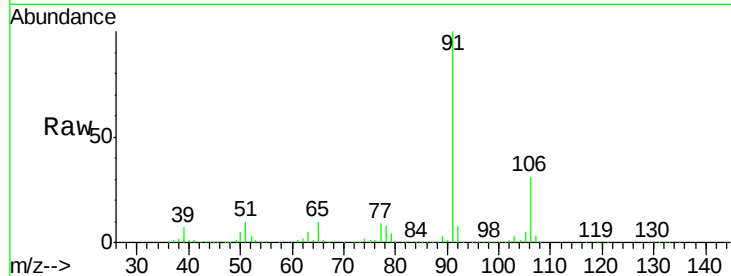
#67
Ethyl Benzene
Concen: 40.433 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 391752
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0

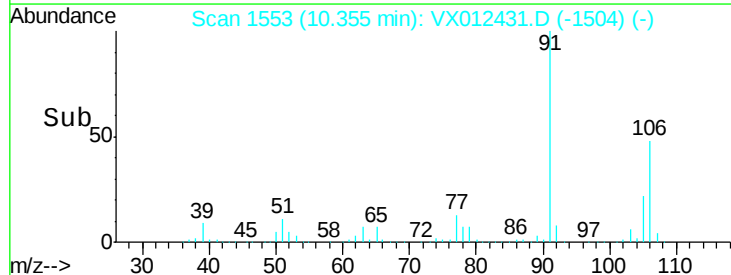
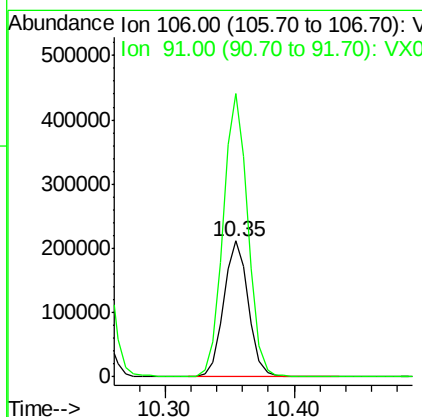
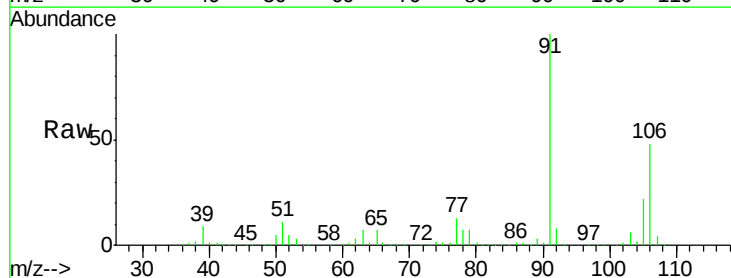
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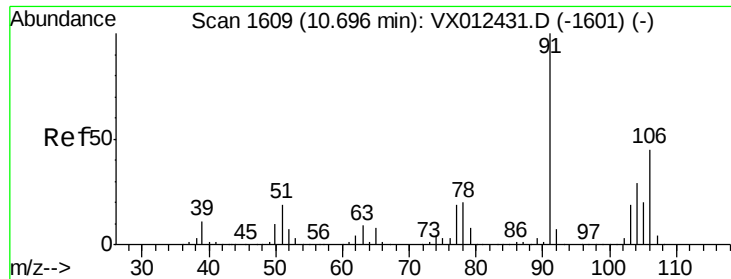
MMDadoda
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#68
m/p-Xylenes
Concen: 80.068 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion: 106 Resp: 285815
Ion Ratio Lower Upper
106 100
91 208.3 166.6 250.0





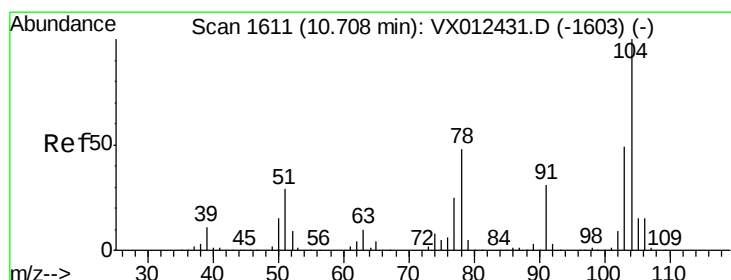
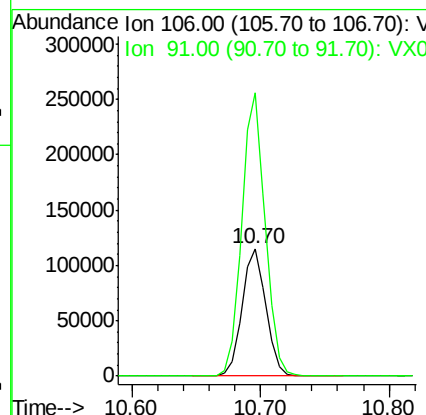
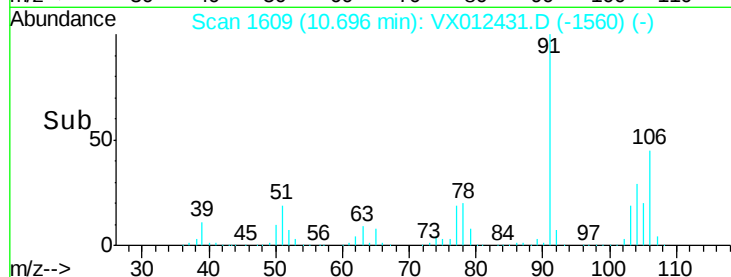
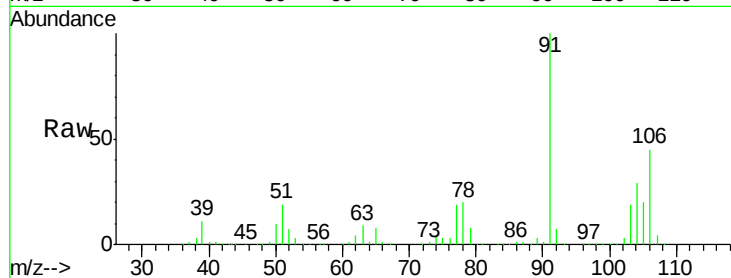
#69
o-Xylene
Concen: 39.679 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 146965
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2

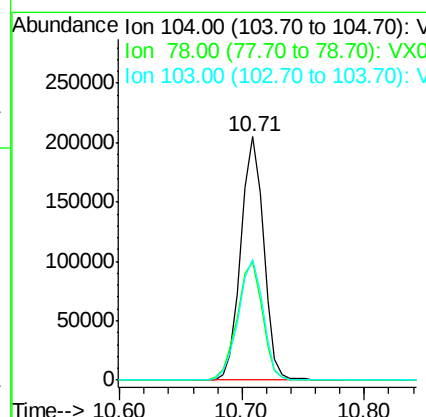
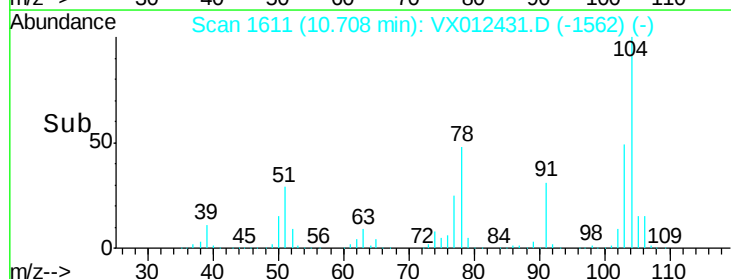
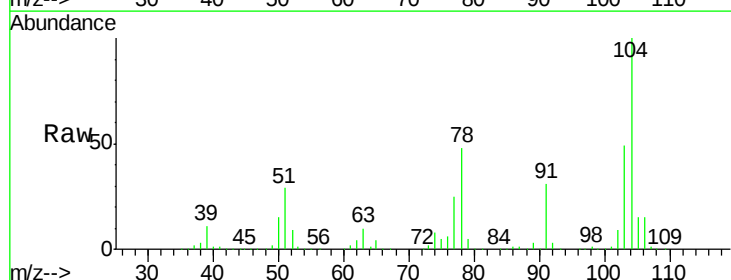
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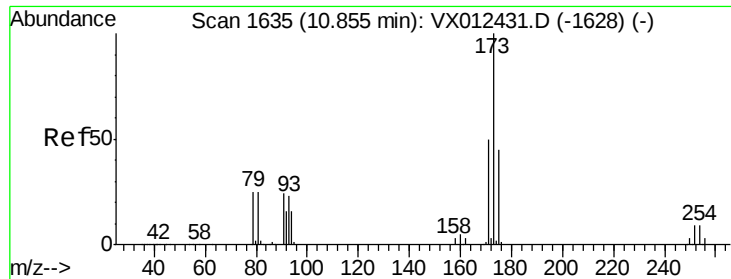
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#70
Styrene
Concen: 40.991 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion:104 Resp: 263107
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 54.1 43.3 64.9





#71

Bromoform

Concen: 39.959 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 73558

Ion Ratio Lower Upper

173 100

175 47.4 23.7 71.1

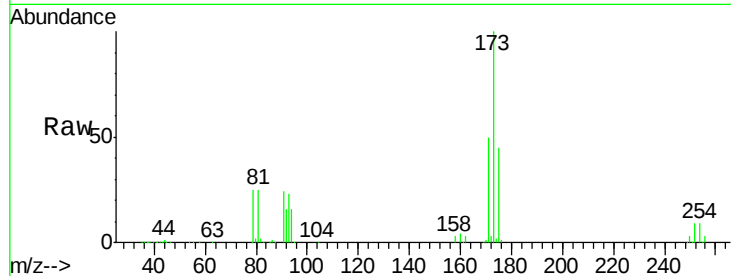
254 0.1 0.1 0.1

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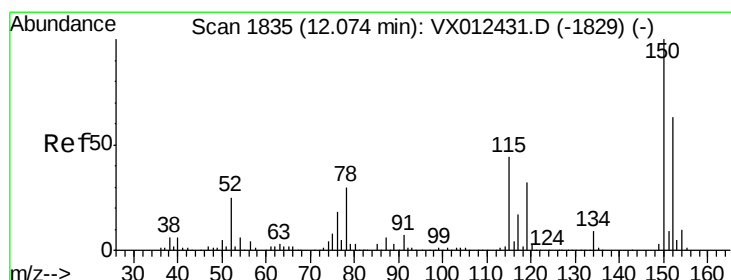
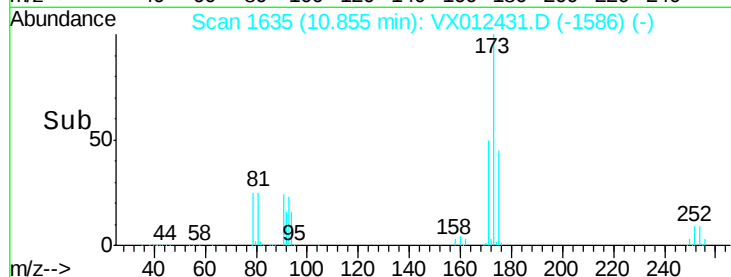
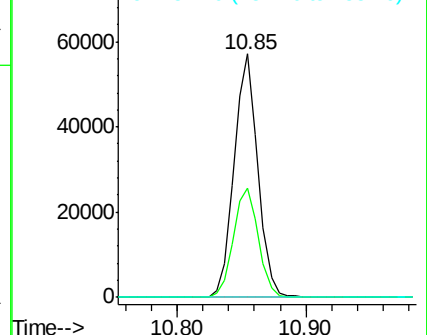
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

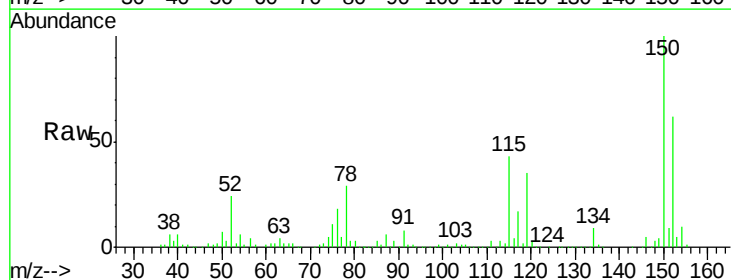
Tgt Ion:152 Resp: 125314

Ion Ratio Lower Upper

152 100

115 88.2 44.1 132.3

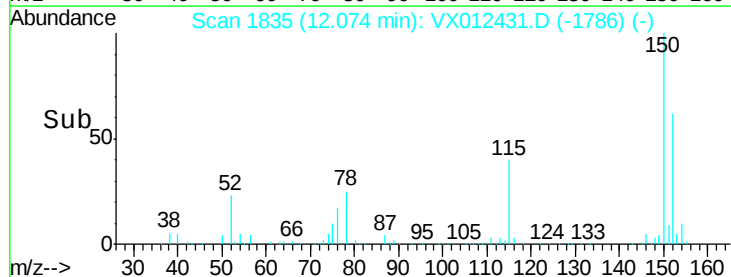
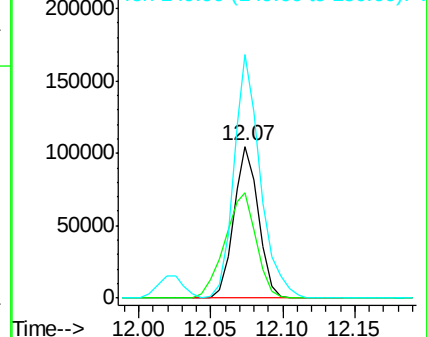
150 171.9 0.0 343.8



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: 48.967 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 417072

Ion Ratio Lower Upper

105 100

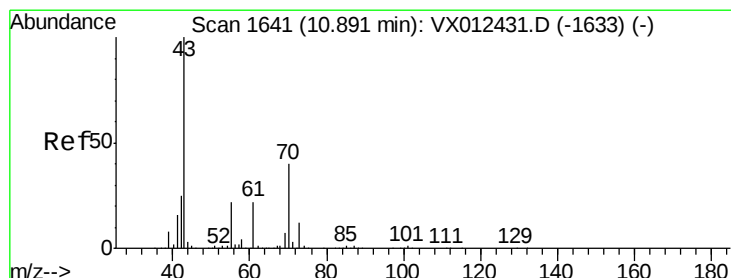
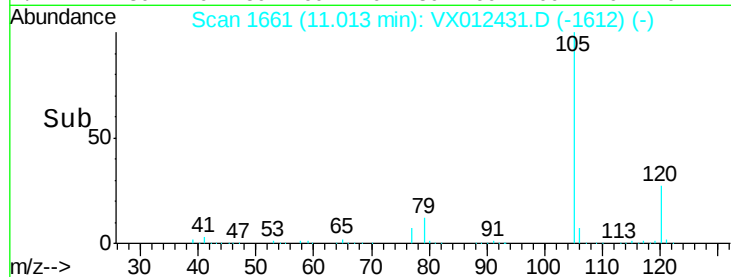
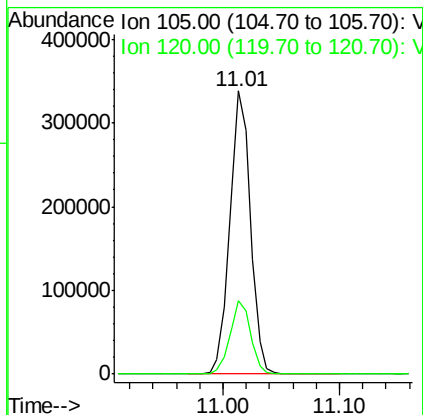
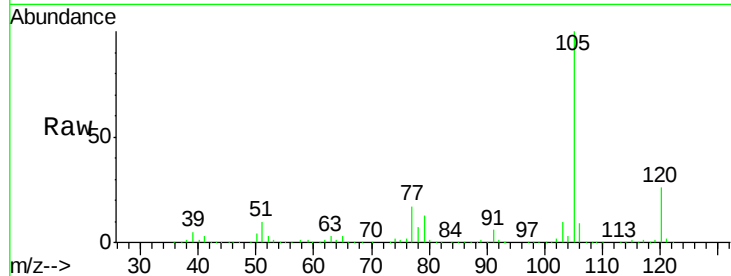
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 50.449 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion: 43 Resp: 228932

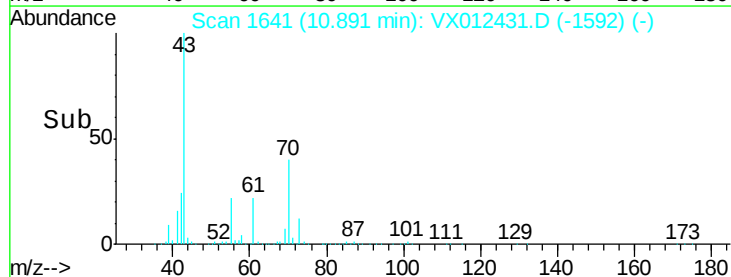
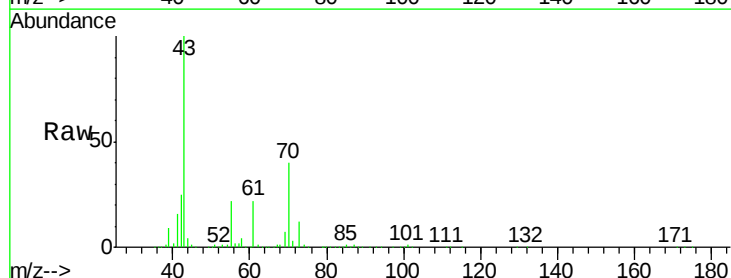
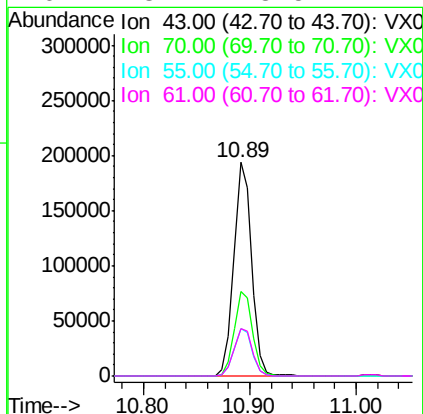
Ion Ratio Lower Upper

43 100

70 40.5 32.4 48.6

55 22.8 18.2 27.4

61 23.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.330 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

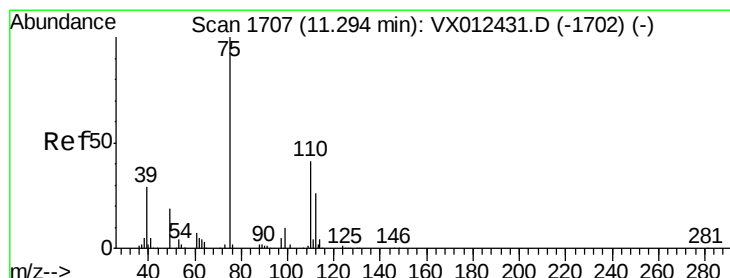
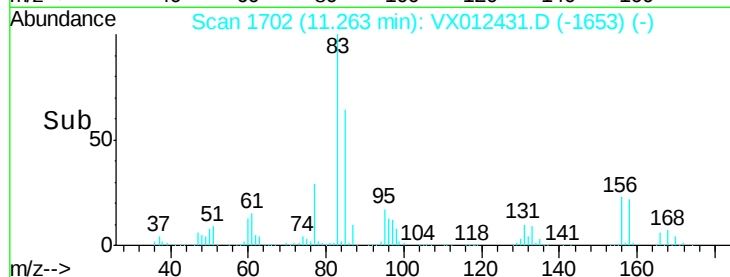
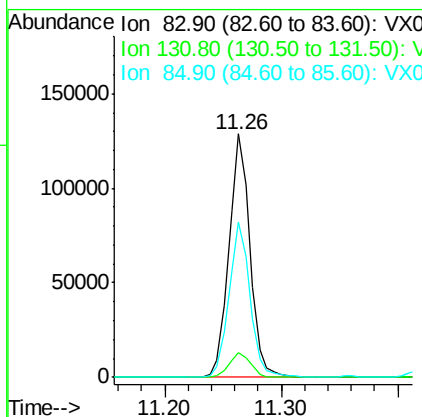
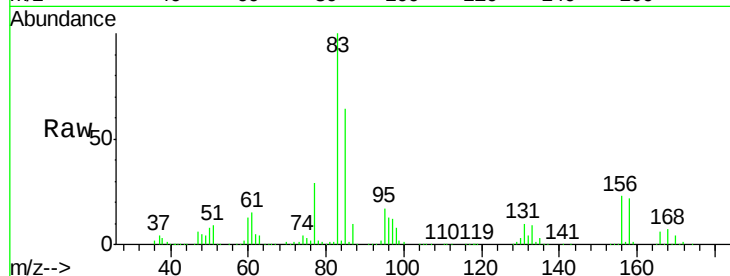
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	161513
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.170 ug/l m

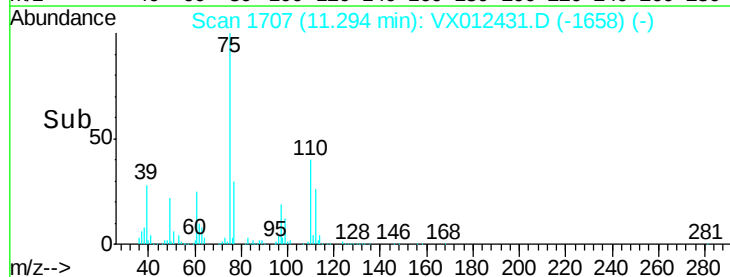
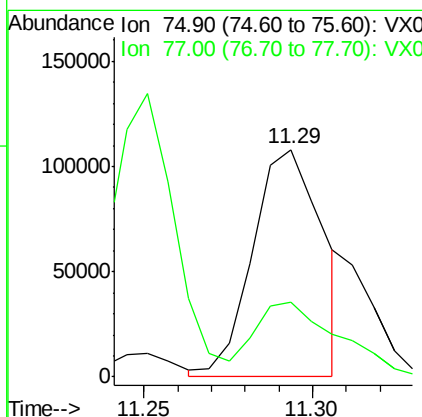
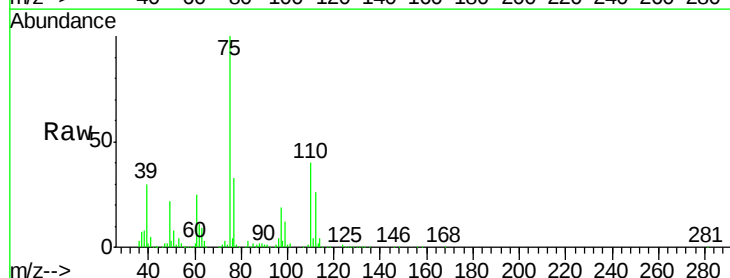
RT: 11.29 min Scan# 1707

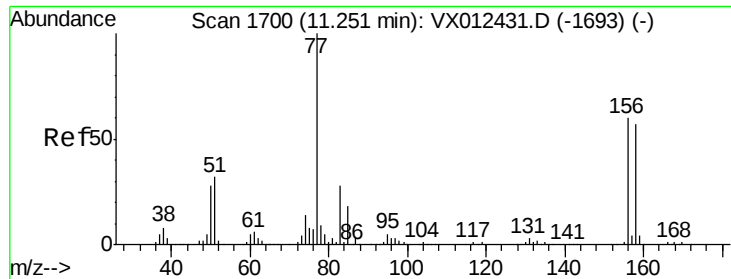
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	75	Resp:	155802
Ion Ratio	Lower	Upper	
75	100		
77	39.3	19.7	59.0





#77

Bromobenzene

Concen: 46.287 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 100803

Ion Ratio Lower Upper

156 100

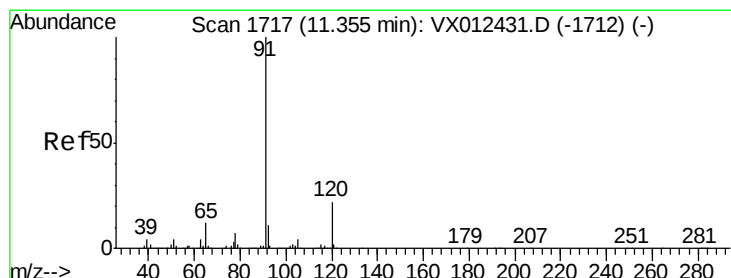
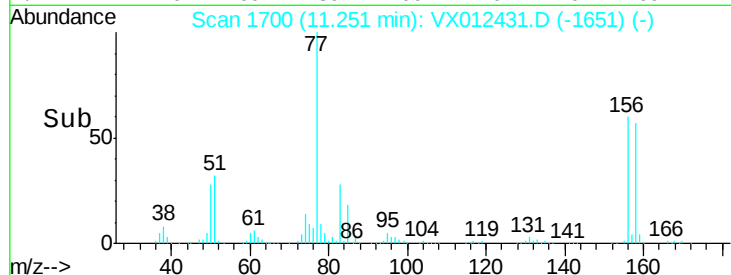
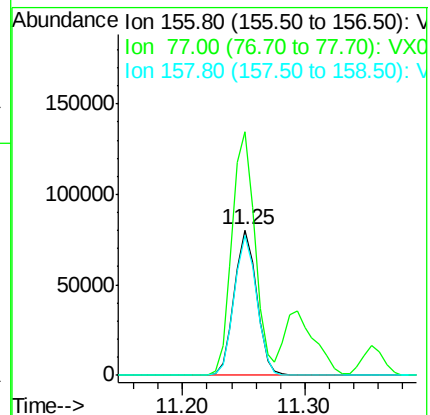
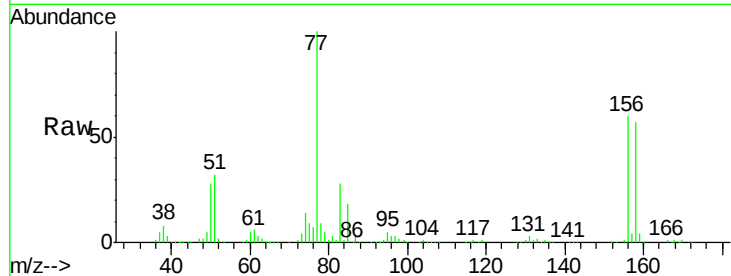
77 174.5 87.3 261.8

158 97.1 48.5 145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.870 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012431.D

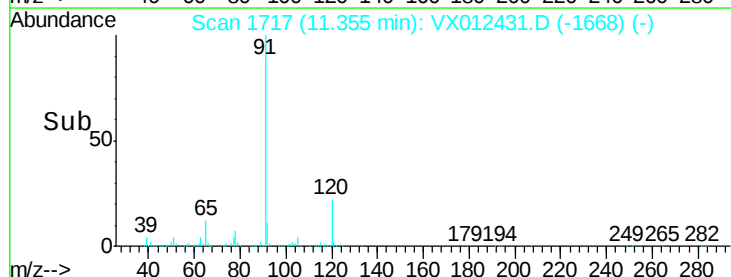
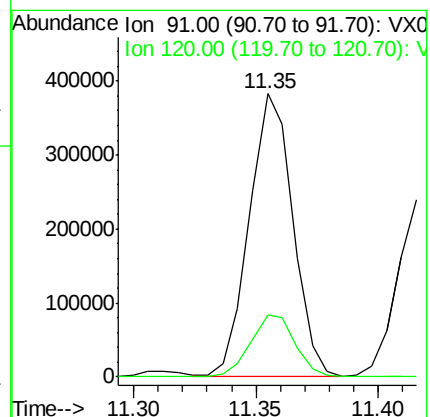
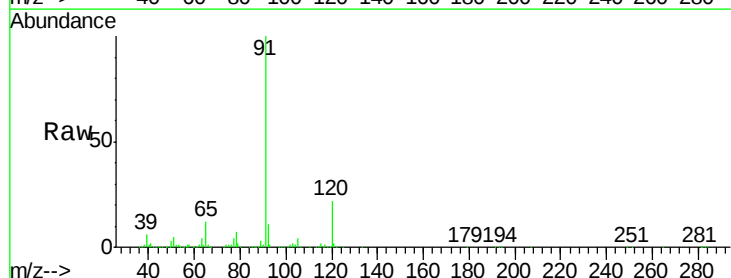
Acq: 17 Sep 2019 13:09

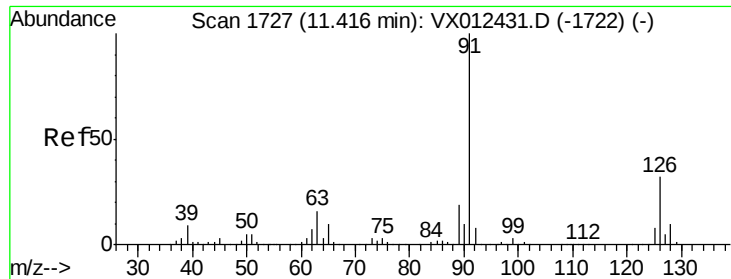
Tgt Ion: 91 Resp: 470064

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 47.451 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 292486

Ion Ratio Lower Upper

91 100

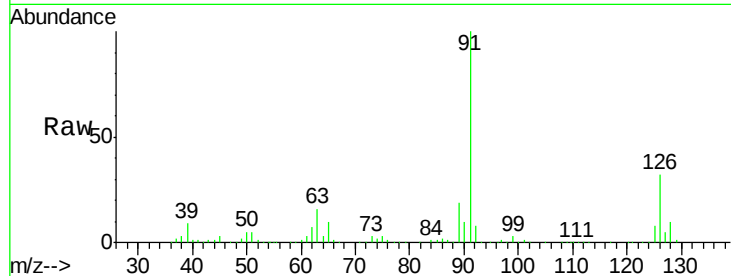
126 32.9 16.4 49.4

Manual Integrations

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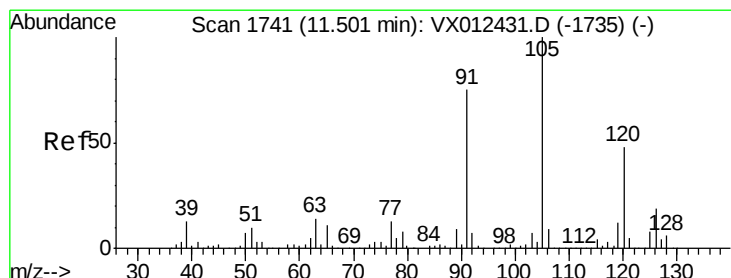
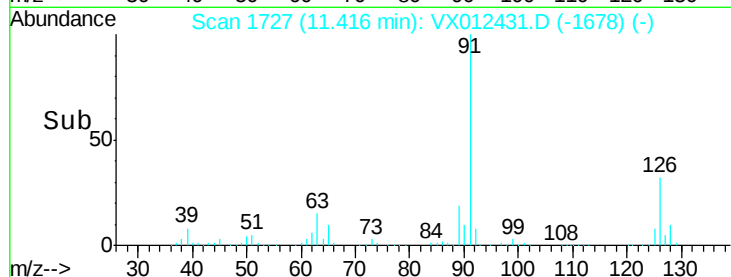
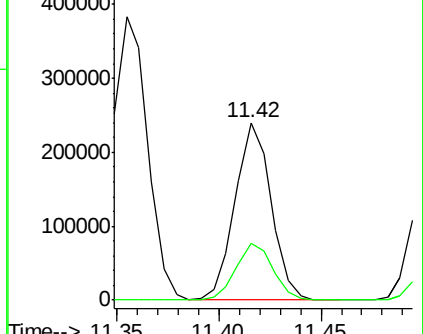
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.581 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012431.D

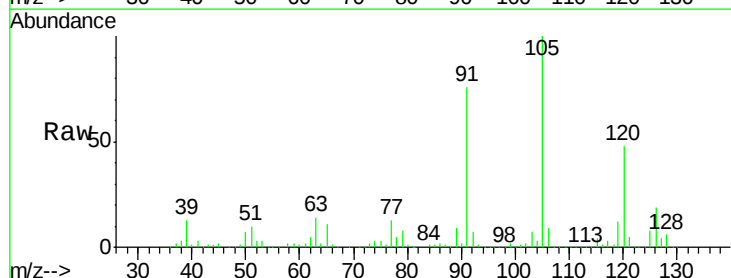
Acq: 17 Sep 2019 13:09

Tgt Ion:105 Resp: 359293

Ion Ratio Lower Upper

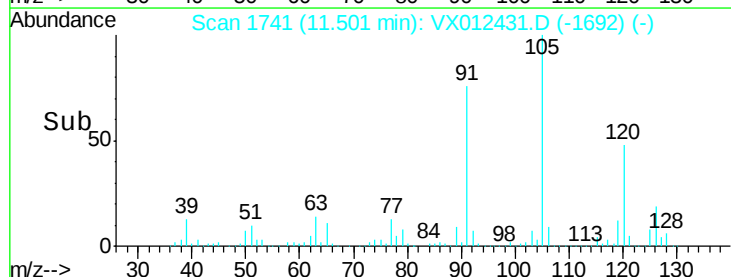
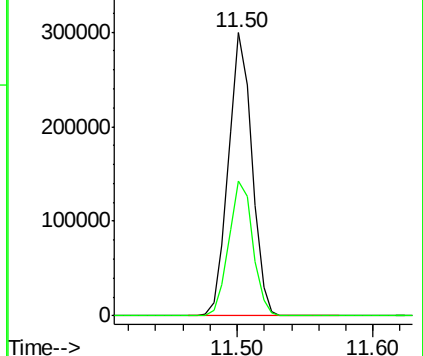
105 100

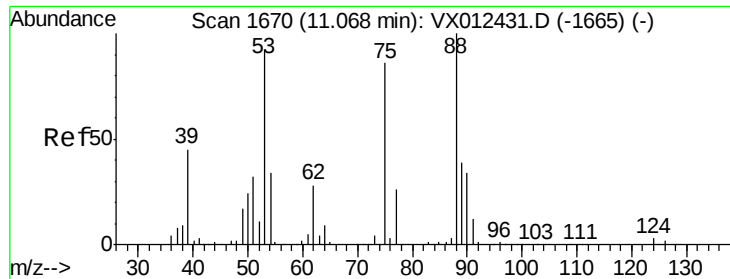
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





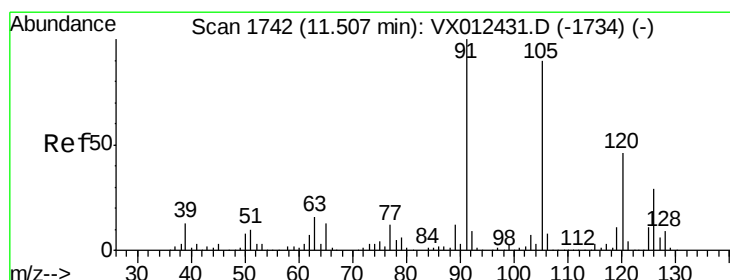
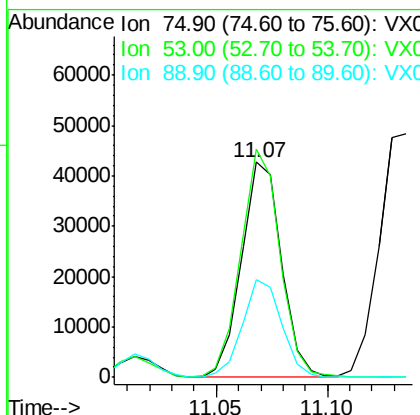
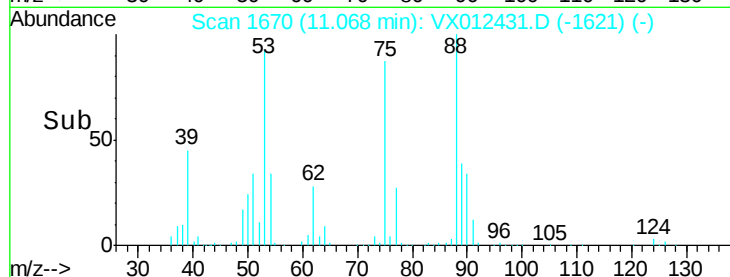
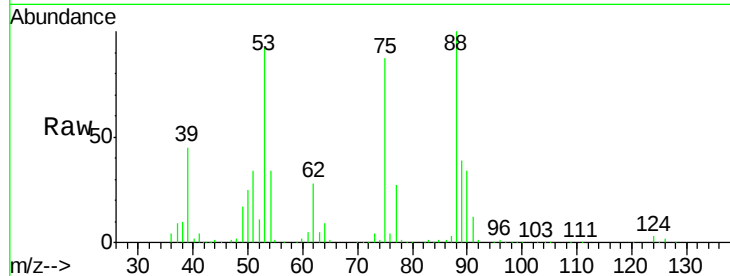
#81
trans-1,4-Dichloro-2-butene
Concen: 47.319 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.5	83.6	125.4
89	45.4	36.3	54.5

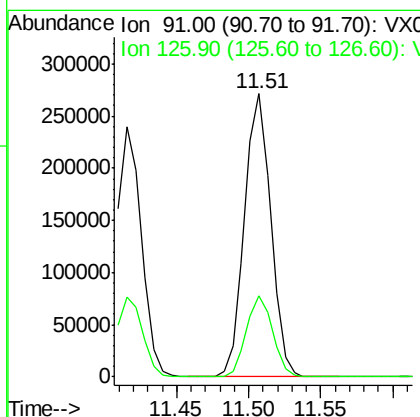
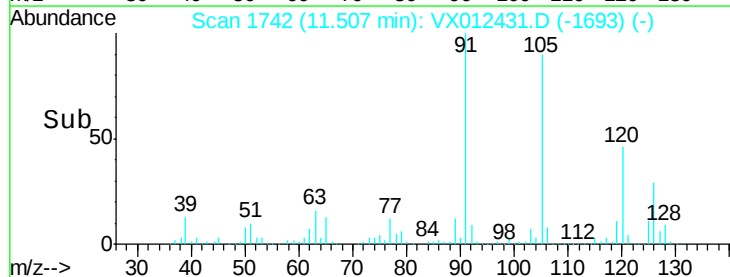
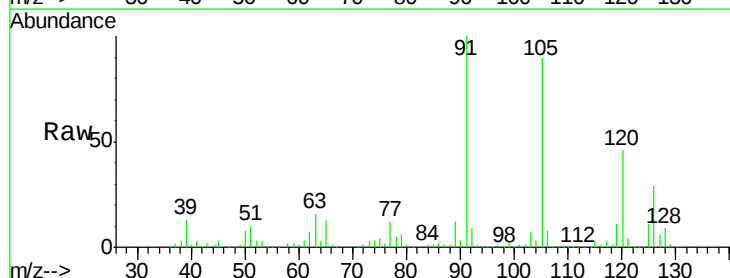
Manual Integrations
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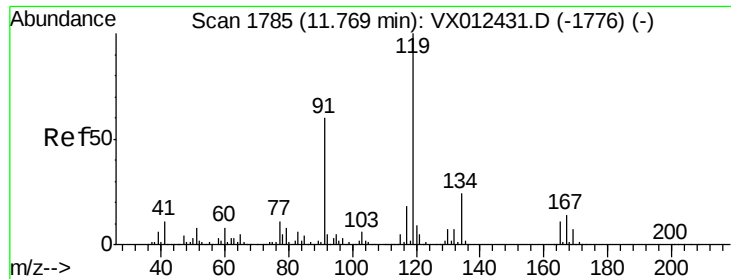
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#82
4-Chlorotoluene
Concen: 47.802 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0





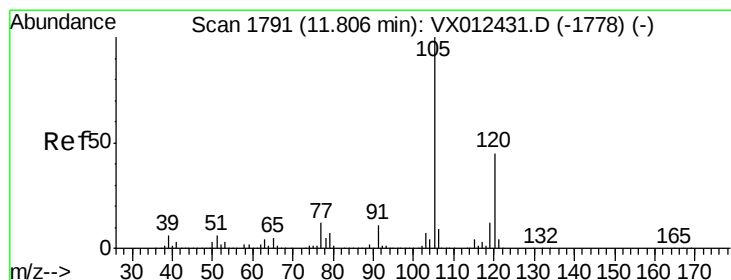
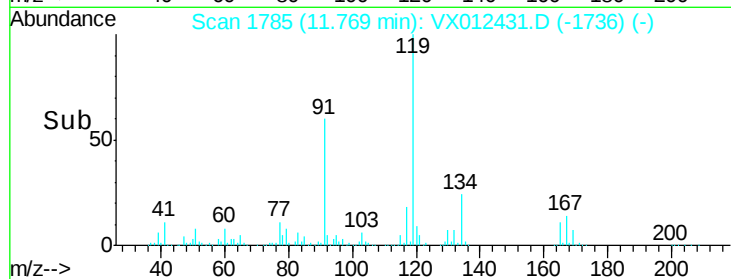
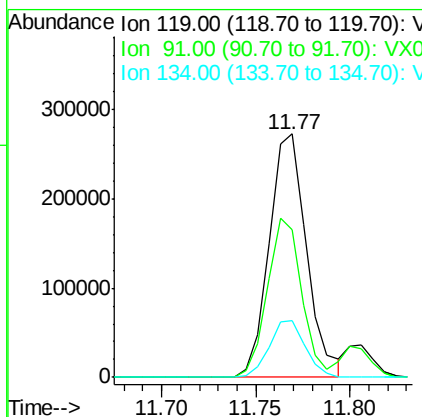
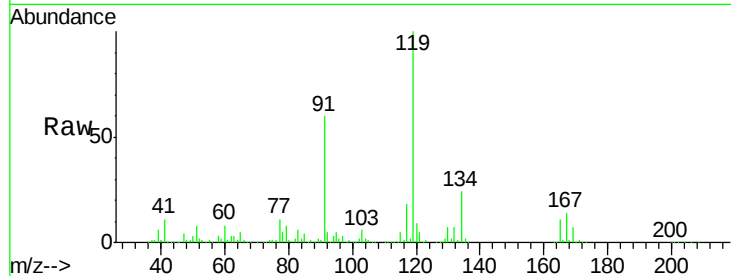
#83
 tert-Butylbenzene
 Concen: 47.880 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	375613		
91	60.0		30.0	90.0
134	22.6		11.3	33.9

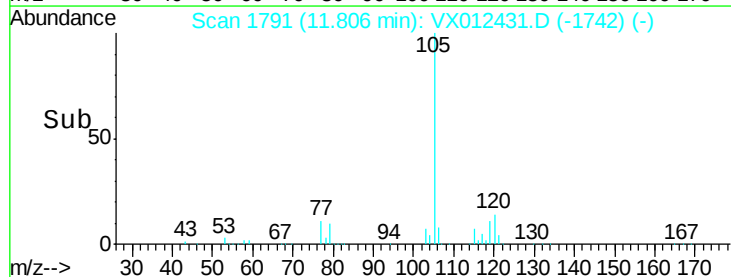
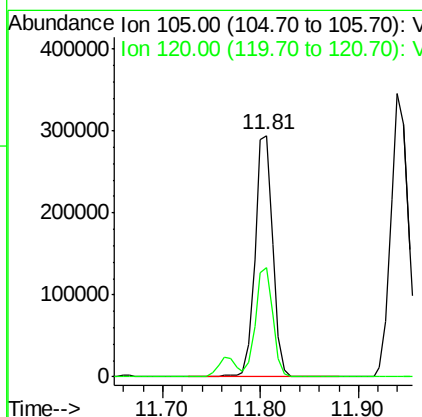
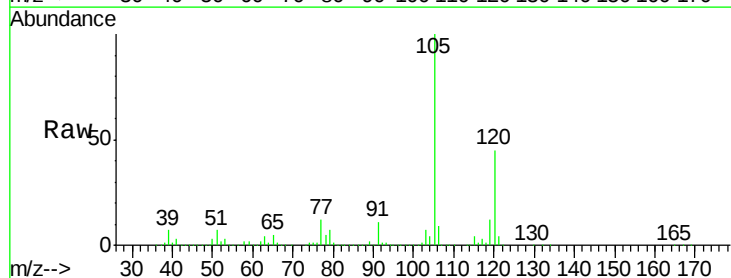
Manual Integrations
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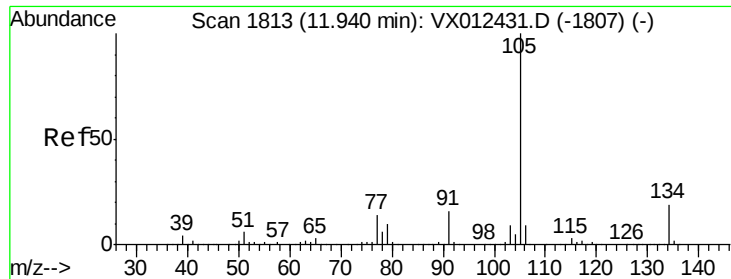
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.817 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366270		
120	44.4		22.2	66.6





#85

sec-Butylbenzene

Concen: 48.827 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 424106

Ion Ratio Lower Upper

105 100

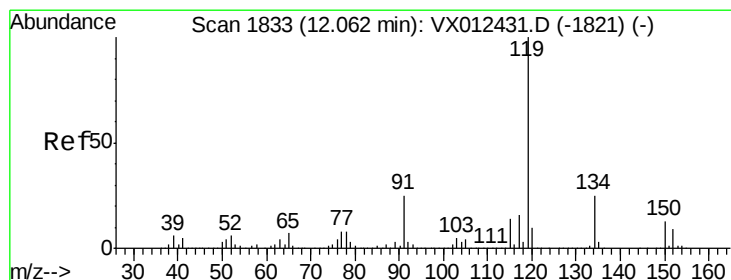
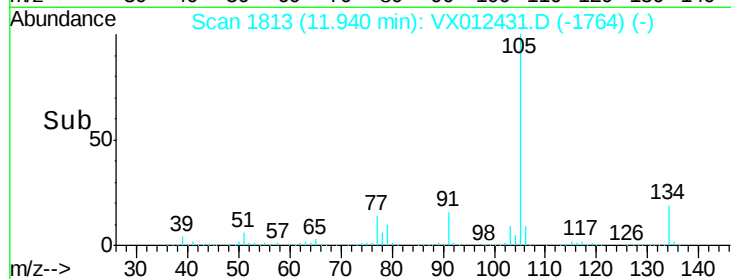
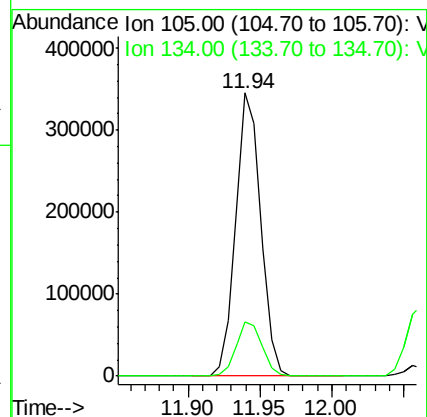
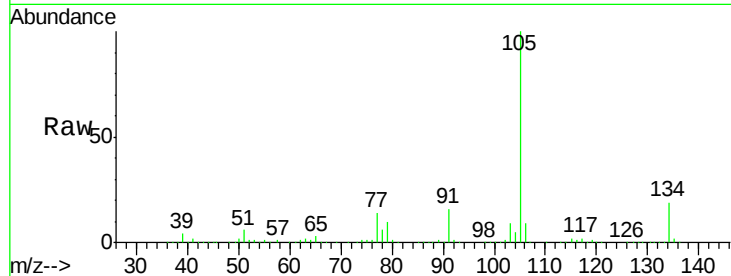
134 19.6 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 49.384 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

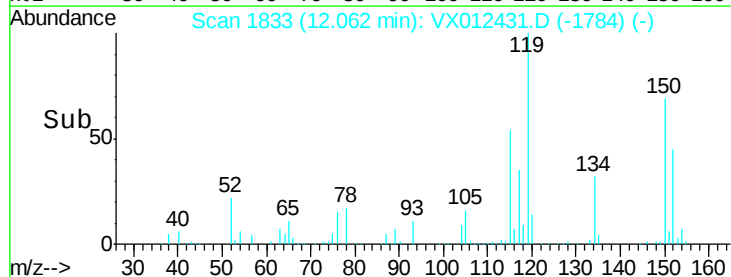
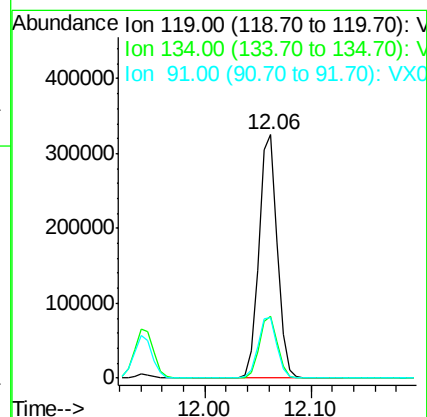
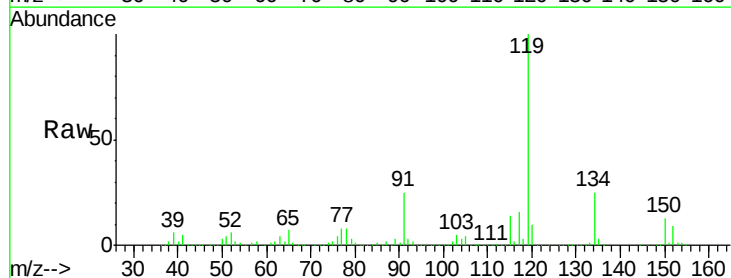
Tgt Ion:119 Resp: 392359

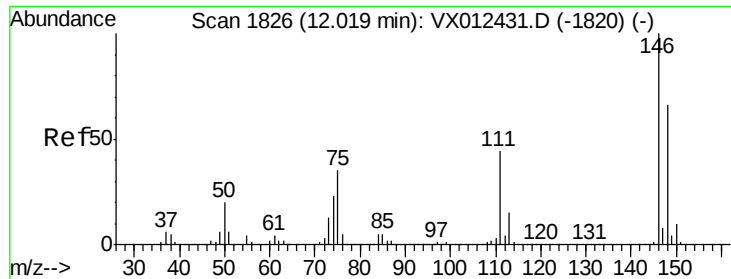
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 25.6 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 46.082 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

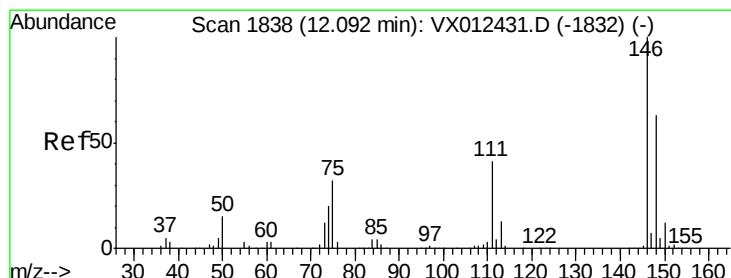
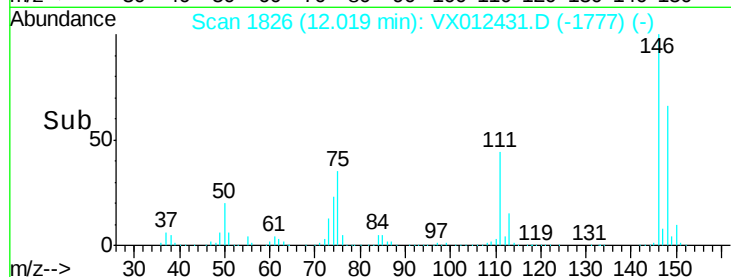
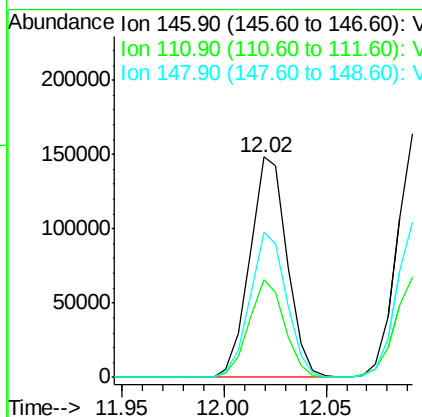
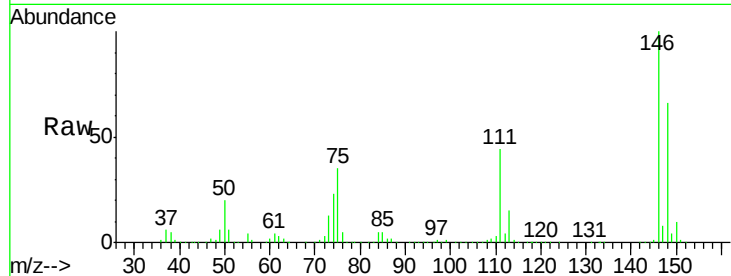
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	188493
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.3	64.0
148	64.8	32.4	97.2

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#88

1,4-Dichlorobenzene

Concen: 46.524 ug/l

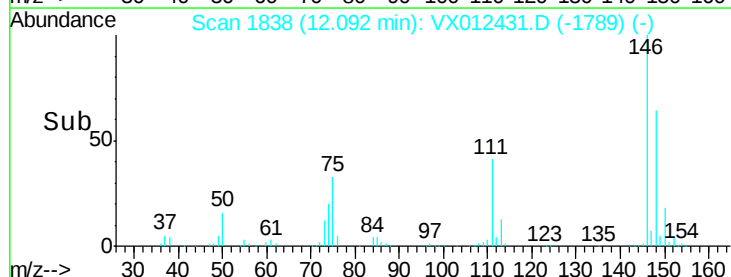
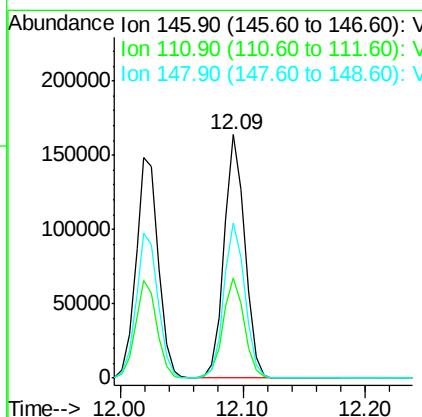
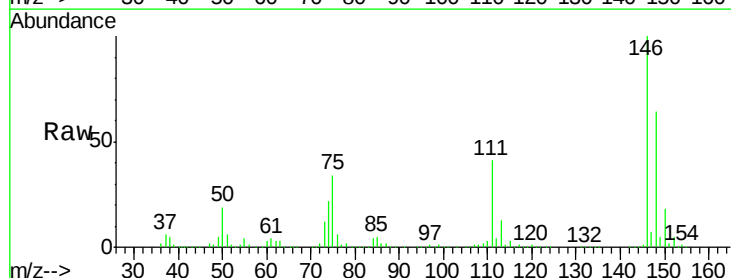
RT: 12.09 min Scan# 1838

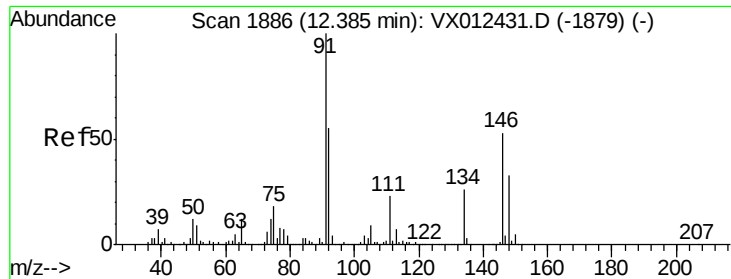
Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Tgt Ion:	146	Resp:	192140
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.1	63.3
148	64.3	32.1	96.5





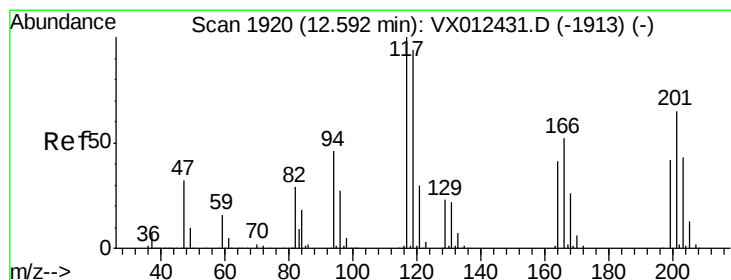
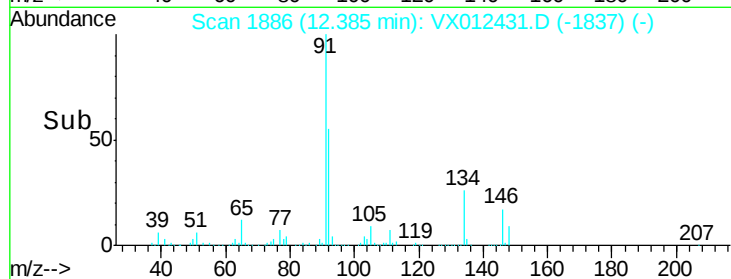
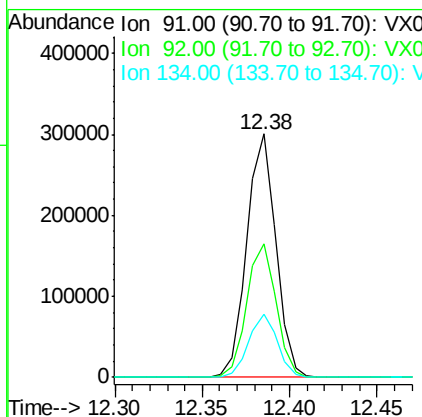
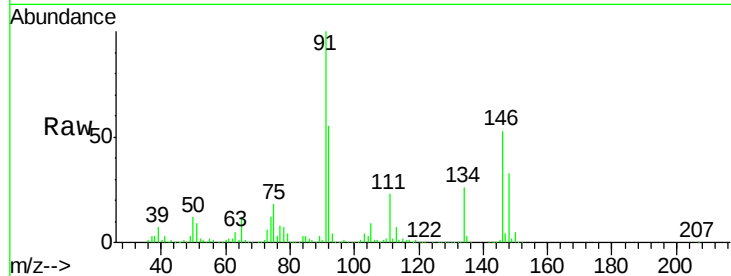
#89
n-Butylbenzene
Concen: 49.603 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.7	83.0
134	25.7	12.9	38.6

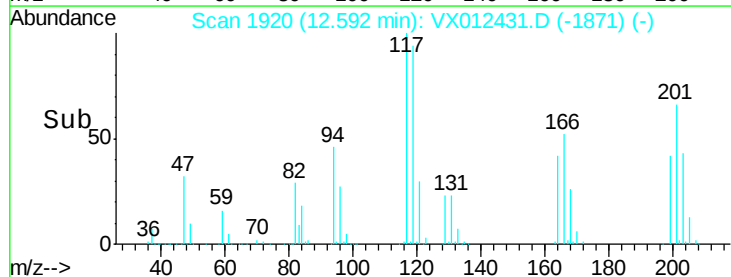
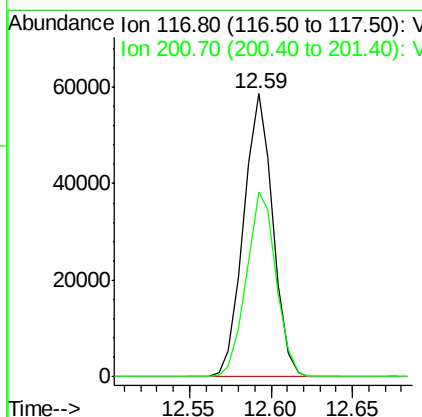
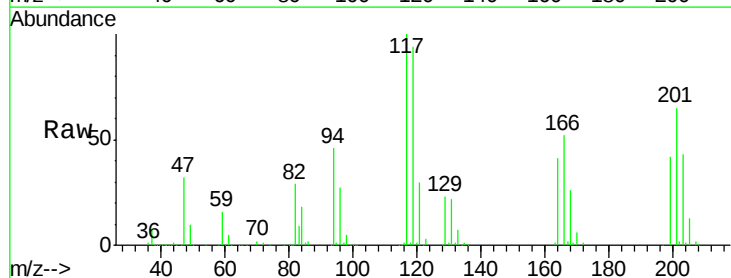
Manual Integrations
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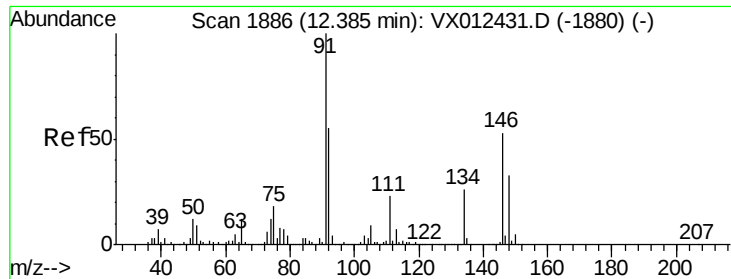
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#90
Hexachloroethane
Concen: 47.899 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.5	33.3	99.8





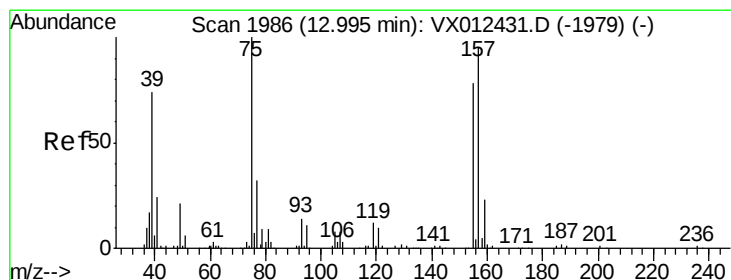
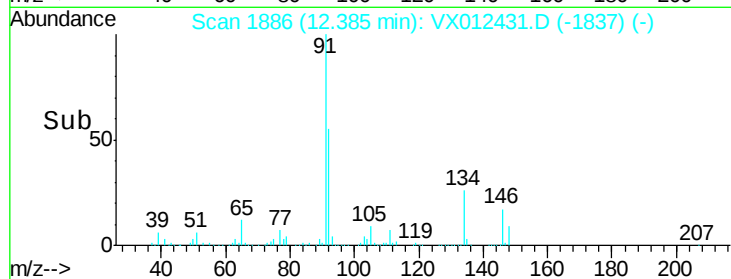
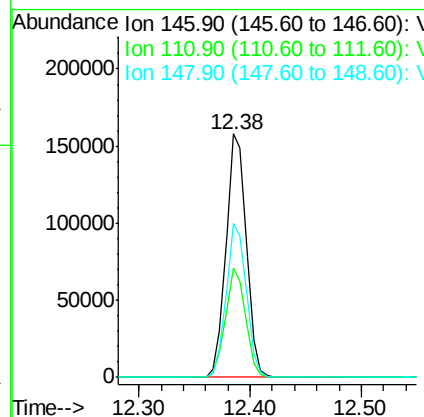
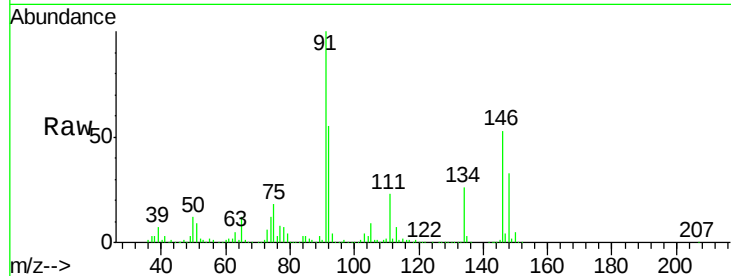
#91
 1,2-Dichlorobenzene
 Concen: 47.500 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199128		
111	44.1	22.1	66.1	
148	62.6	31.3	93.9	

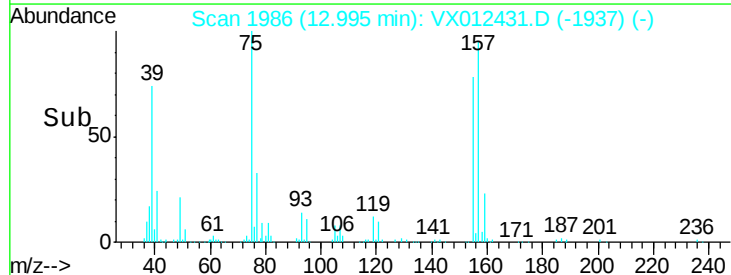
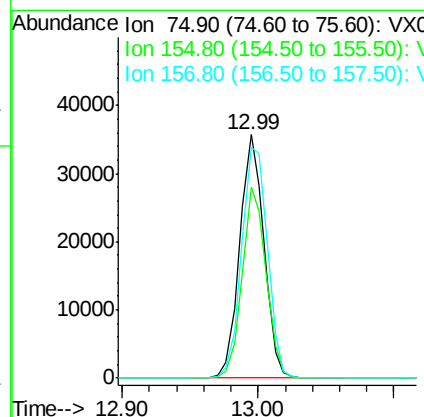
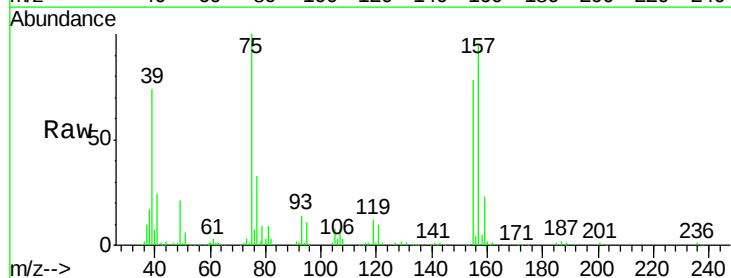
Manual Integrations
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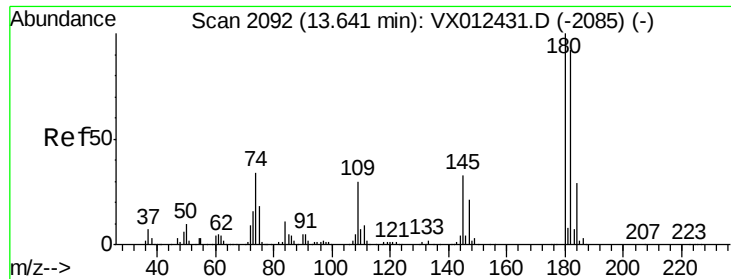
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.902 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012431.D
 Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44165		
155	77.2	38.6	115.8	
157	101.3	50.6	151.9	





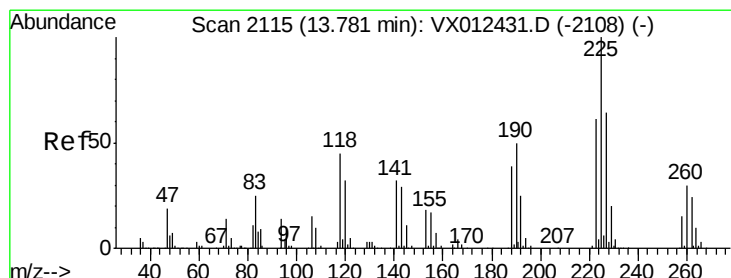
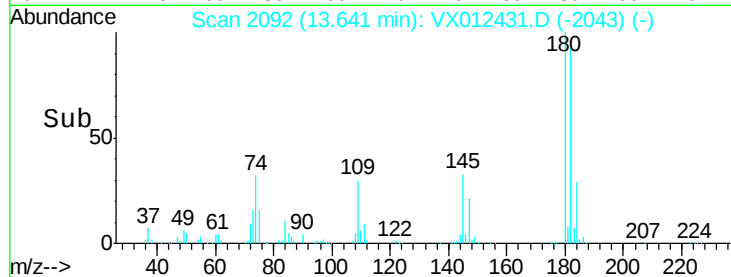
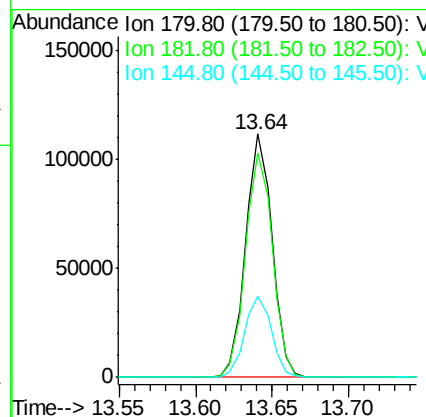
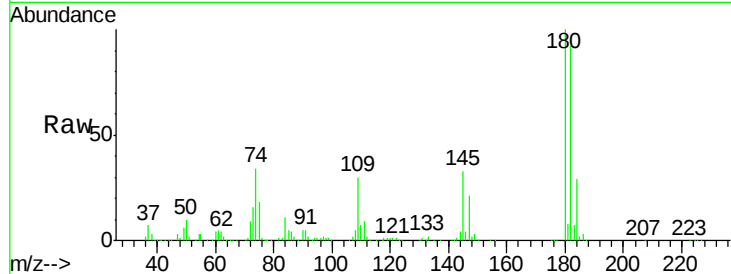
#93
1,2,4-Trichlorobenzene
Concen: 47.851 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	133828		
182	94.0	47.0	141.0	
145	33.6	16.8	50.4	

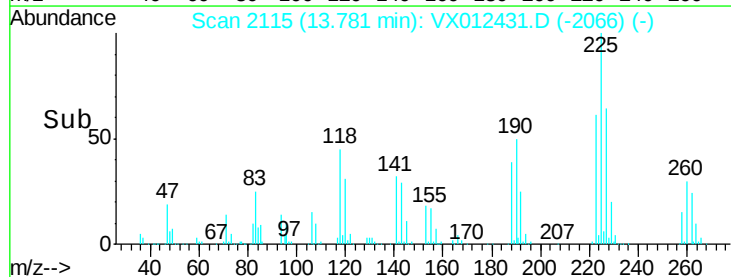
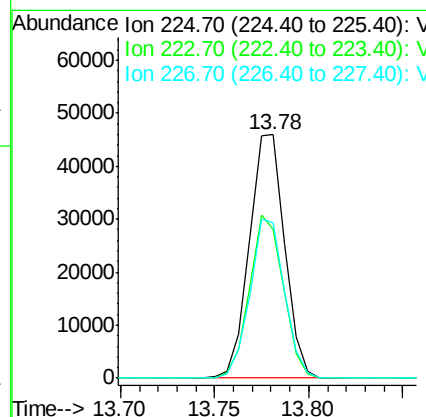
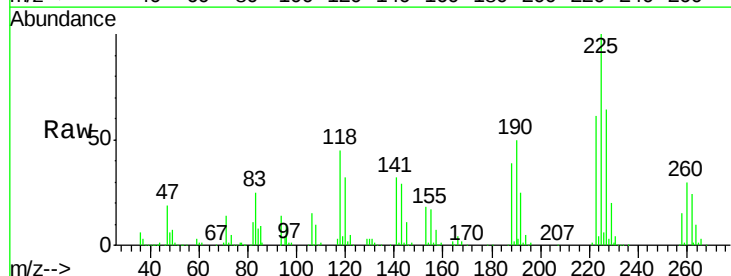
Manual Integrations
APPROVED

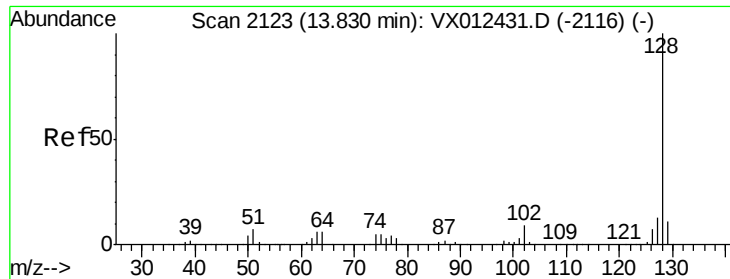
MMDadoda
9/18/2019 11:22:13 AM



#94
Hexachlorobutadiene
Concen: 44.626 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VX012431.D
Acq: 17 Sep 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59672		
223	64.1	32.0	96.2	
227	63.7	31.9	95.5	





#95

Naphthalene

Concen: 51.078 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:128 Resp: 487902

Ion Ratio Lower Upper

128 100

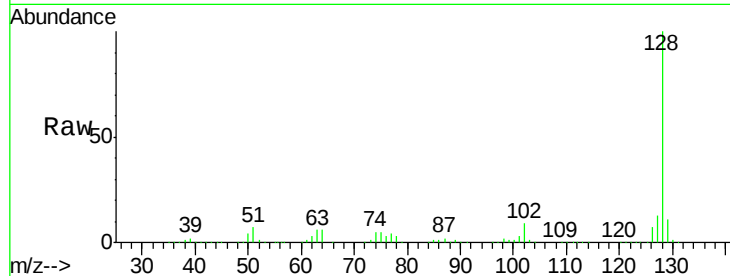
127 12.8 10.2 15.4

129 11.0 8.8 13.2

Manual Integrations
APPROVED

MMDadoda

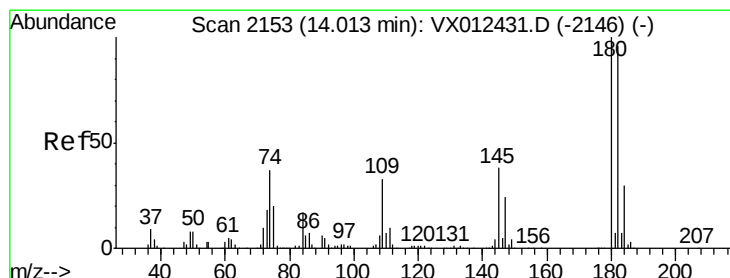
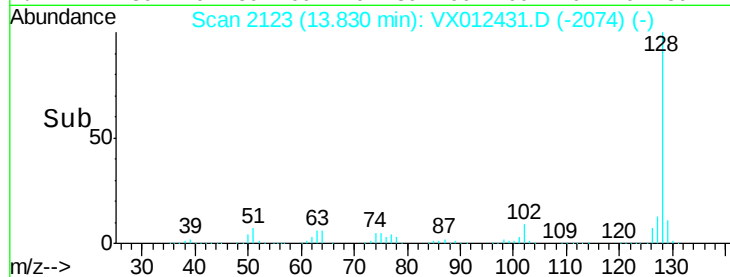
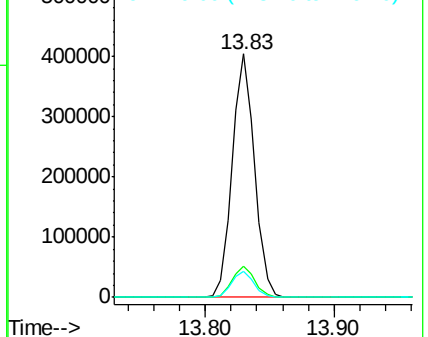
9/18/2019 11:22:13 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.834 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012431.D

Acq: 17 Sep 2019 13:09

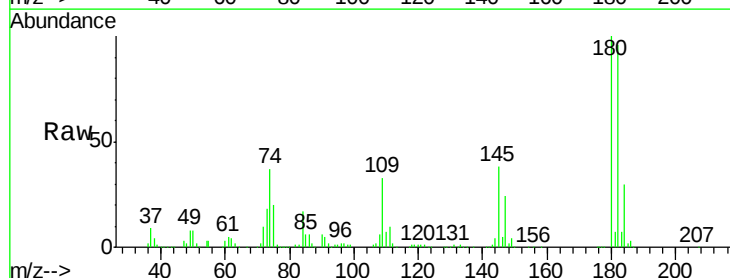
Tgt Ion:180 Resp: 135937

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 36.0 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

