

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010425.D
 Acq On : 25 Jun 2019 09:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:49:42 AM

Quant Time: Jun 26 01:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	287145	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	415861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130437	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.49	113	129394	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	486163	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	176496	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91560	45.865	ug/l	98
3) Chloromethane	1.32	50	103188	44.390	ug/l	99
4) Vinyl Chloride	1.41	62	114708	45.052	ug/l	99
5) Bromomethane	1.64	94	54572	43.995	ug/l	99
6) Chloroethane	1.71	64	71509	47.604	ug/l	97
7) Trichlorofluoromethane	1.92	101	193750	48.003	ug/l	97
8) Diethyl Ether	2.18	74	71380	49.315	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117272	47.945	ug/l	100
10) Methyl Iodide	2.51	142	149197	42.741	ug/l	98
11) Tert butyl alcohol	3.05	59	150849	214.128	ug/l	99
12) 1,1-Dichloroethene	2.37	96	113786	45.717	ug/l	99
13) Acrolein	2.29	56	114901	245.865	ug/l	100
14) Allyl chloride	2.73	41	170129	48.147	ug/l	99
15) Acrylonitrile	3.14	53	331424	237.616	ug/l	100
16) Acetone	2.44	43	345591	256.129	ug/l	100
17) Carbon Disulfide	2.57	76	299859	44.907	ug/l	100
18) Methyl Acetate	2.77	43	126731	47.126	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	377839	48.256	ug/l	98
20) Methylene Chloride	2.85	84	131545	47.374	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	125317	46.815	ug/l	98
22) Diisopropyl ether	3.85	45	355664	48.142	ug/l	89
23) Vinyl Acetate	3.81	43	1596098	250.083	ug/l	100
24) 1,1-Dichloroethane	3.70	63	202919	47.517	ug/l	99
25) 2-Butanone	4.67	43	493400	249.289	ug/l	99
26) 2,2-Dichloropropane	4.58	77	182531	49.204	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	147605	47.717	ug/l	99
28) Bromochloromethane	5.01	49	94485	46.276	ug/l	98
29) Tetrahydrofuran	5.12	42	288261	235.133	ug/l	100
30) Chloroform	5.21	83	220615	48.015	ug/l	98
31) Cyclohexane	5.57	56	184732	47.503	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	198314	48.880	ug/l	99
36) 1,1-Dichloropropene	5.79	75	160874	48.681	ug/l	100
37) Ethyl Acetate	4.83	43	170095	50.032	ug/l	100
38) Carbon Tetrachloride	5.78	117	178870	49.985	ug/l	97

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	215863	49.694	ug/l	96
40) Benzene	6.14	78	511017	49.635	ug/l	100
41) Methacrylonitrile	5.04	41	92667	49.678	ug/l	99
42) 1,2-Dichloroethane	6.19	62	158361	50.530	ug/l	100
43) Isopropyl Acetate	6.44	43	280964	49.951	ug/l	99
44) Trichloroethene	7.21	130	152944	49.646	ug/l	100
45) 1,2-Dichloropropane	7.51	63	128549	49.443	ug/l	97
46) Dibromomethane	7.66	93	91427	49.013	ug/l	99
47) Bromodichloromethane	7.89	83	172305	50.403	ug/l	98
48) Methyl methacrylate	7.77	41	132880	50.825	ug/l	100
49) 1,4-Dioxane	7.74	88	70953	942.072	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	897626	249.523	ug/l	99
52) Toluene	8.78	92	333259	49.153	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	193282	50.430	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213650	51.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140558	50.267	ug/l	98
56) Ethyl methacrylate	9.18	69	211842	50.011	ug/l	99
57) 1,3-Dichloropropane	9.37	76	215286	49.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	532864	264.876	ug/l	100
59) 2-Hexanone	9.49	43	709369	250.549	ug/l	99
60) Dibromochloromethane	9.58	129	158402	50.594	ug/l	97
61) 1,2-Dibromoethane	9.67	107	151278	50.122	ug/l	99
64) Tetrachloroethene	9.34	164	148464	48.340	ug/l	98
65) Chlorobenzene	10.13	112	383463	49.742	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	142418	50.718	ug/l	99
67) Ethyl Benzene	10.25	91	651634	50.070	ug/l	99
68) m/p-Xylenes	10.35	106	509730	101.081	ug/l	99
69) o-Xylene	10.69	106	247028	49.813	ug/l	99
70) Styrene	10.71	104	424223	51.009	ug/l	100
71) Bromoform	10.85	173	128007	52.420	ug/l #	99
73) Isopropylbenzene	11.02	105	668294	50.035	ug/l	99
74) N-amyl acetate	10.90	43	252781	50.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	211081	47.720	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	179856m	50.093	ug/l	
77) Bromobenzene	11.25	156	181708	48.722	ug/l	100
78) n-propylbenzene	11.36	91	750881	51.152	ug/l	99
79) 2-Chlorotoluene	11.42	91	431480	49.362	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551322	50.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75822	49.265	ug/l	98
82) 4-Chlorotoluene	11.51	91	501293	50.399	ug/l	99
83) tert-Butylbenzene	11.77	119	557383	50.436	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	559001	50.532	ug/l	99
85) sec-Butylbenzene	11.94	105	657012	50.634	ug/l	100
86) p-Isopropyltoluene	12.06	119	618929	51.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322414	49.525	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320197	48.313	ug/l	100
89) n-Butylbenzene	12.38	91	539097	52.858	ug/l	100
90) Hexachloroethane	12.59	117	108337	52.202	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	311903	48.206	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44056	46.195	ug/l	97

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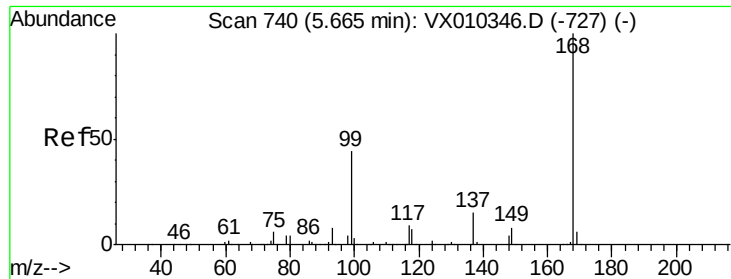
Manual Integrations
APPROVED

MMDadoda
6/26/2019 8:49:42 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	229033	51.044	ug/l	100
94) Hexachlorobutadiene	13.78	225	111304	50.755	ug/l	99
95) Naphthalene	13.83	128	691348	50.138	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	226634	50.801	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 287145

Ion Ratio Lower Upper

168 100

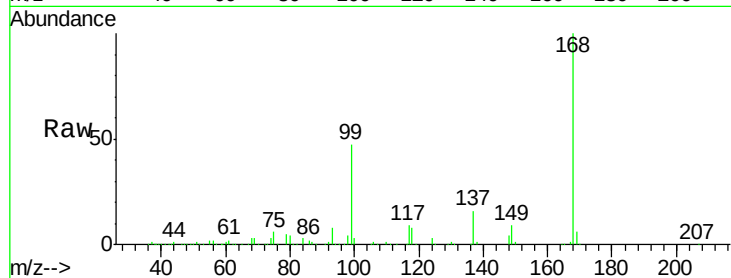
99 46.8 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

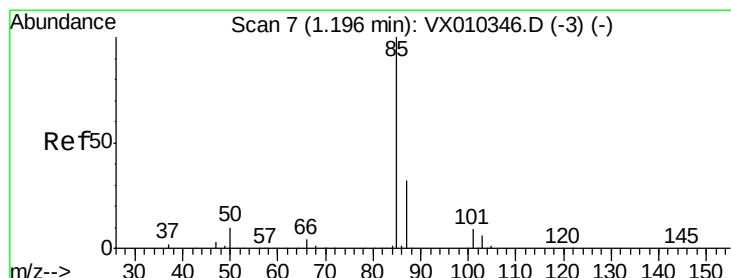
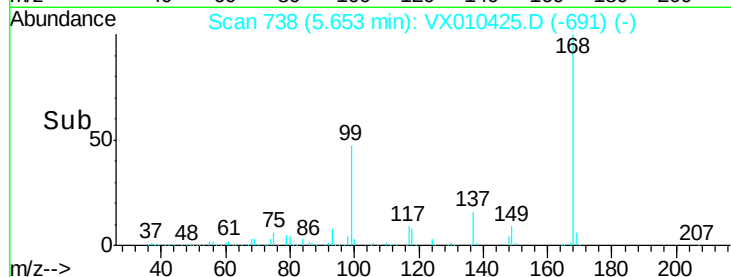
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.865 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010425.D

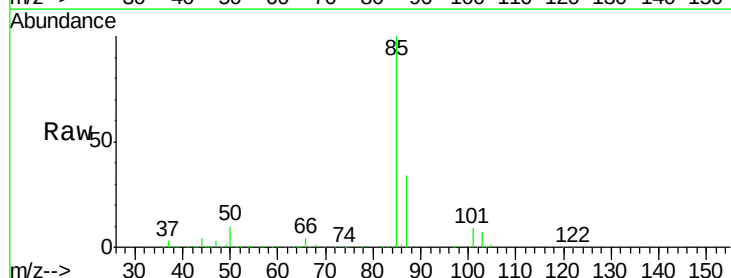
Acq: 25 Jun 2019 09:16

Tgt Ion: 85 Resp: 91560

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

40000

20000

0

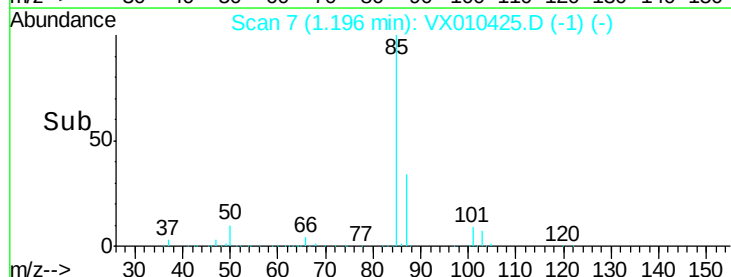
1.15

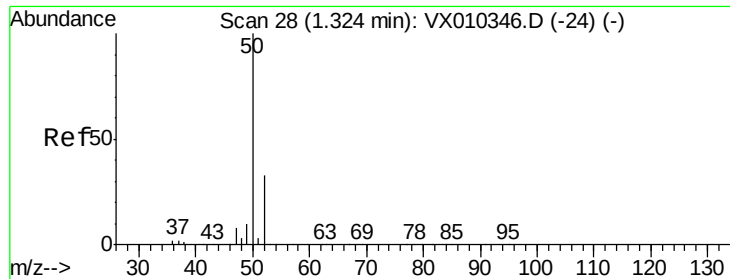
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 44.390 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 103188

Ion Ratio Lower Upper

50 100

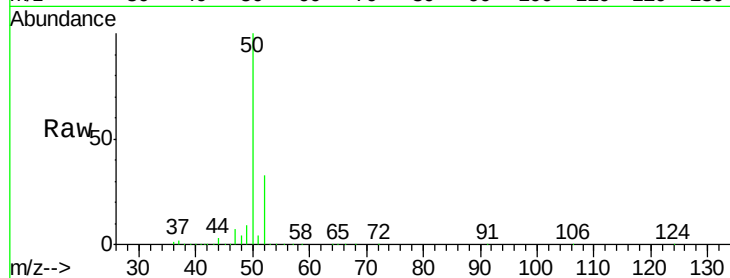
52 32.7 26.5 39.7

Manual Integrations

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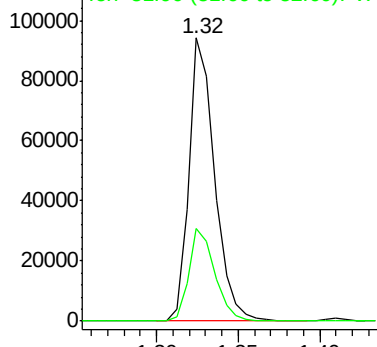
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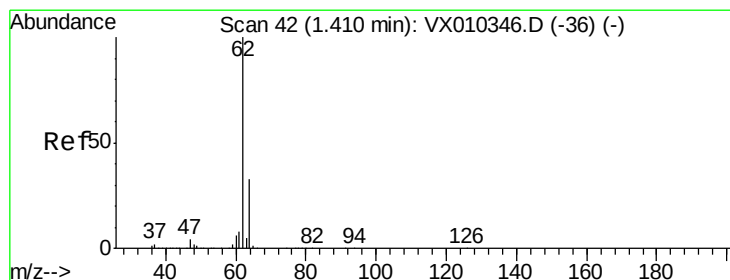
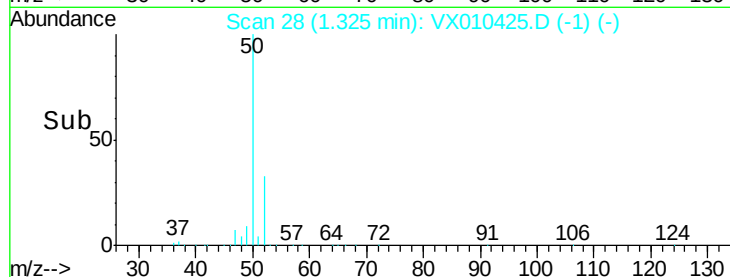


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 45.052 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010425.D

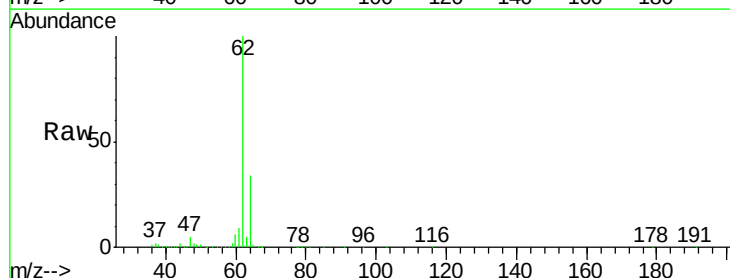
Acq: 25 Jun 2019 09:16

Tgt Ion: 62 Resp: 114708

Ion Ratio Lower Upper

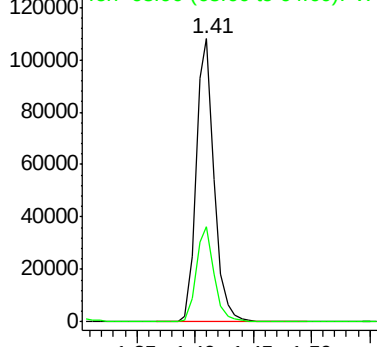
62 100

64 33.4 26.2 39.4

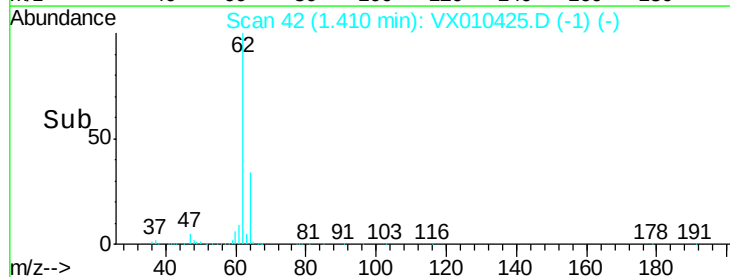


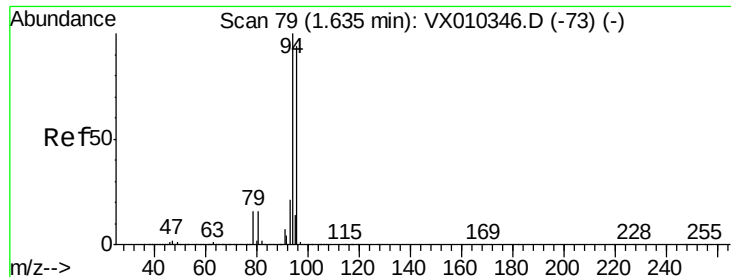
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 43.995 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 54572

Ion Ratio Lower Upper

94 100

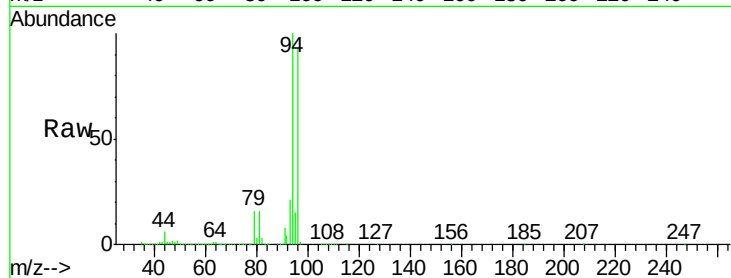
96 93.4 75.5 113.3

Manual Integrations

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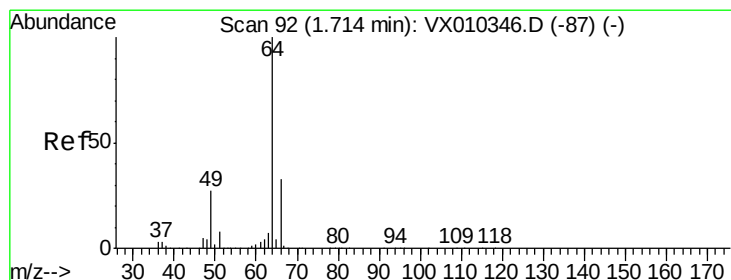
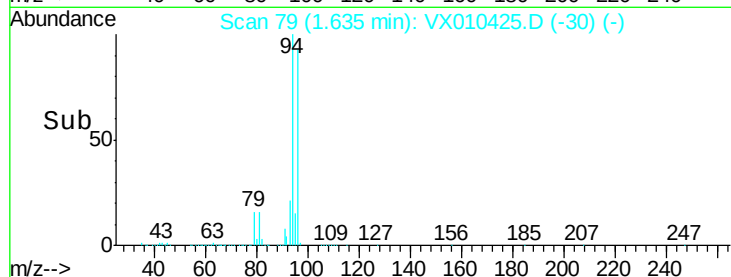
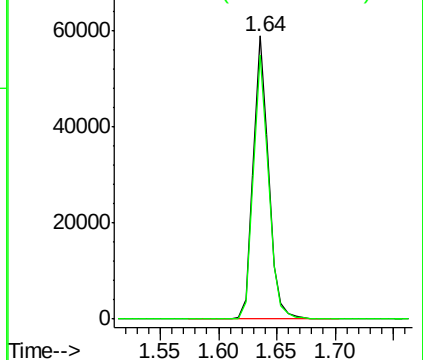
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.604 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010425.D

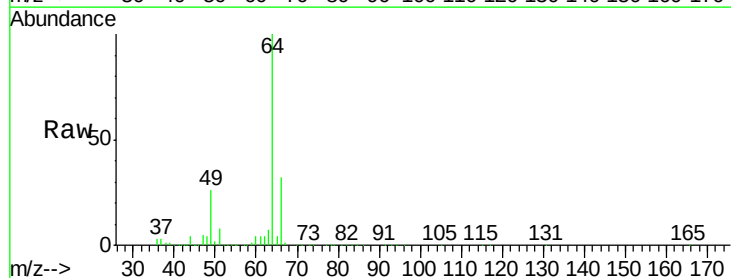
Acq: 25 Jun 2019 09:16

Tgt Ion: 64 Resp: 71509

Ion Ratio Lower Upper

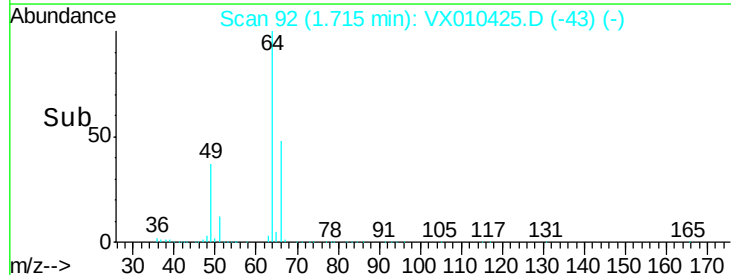
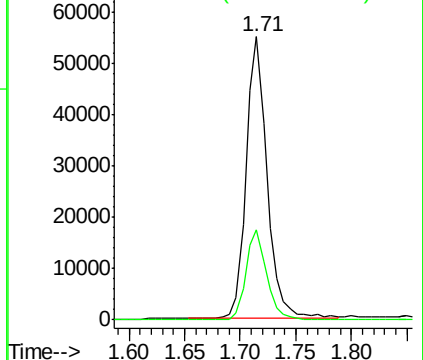
64 100

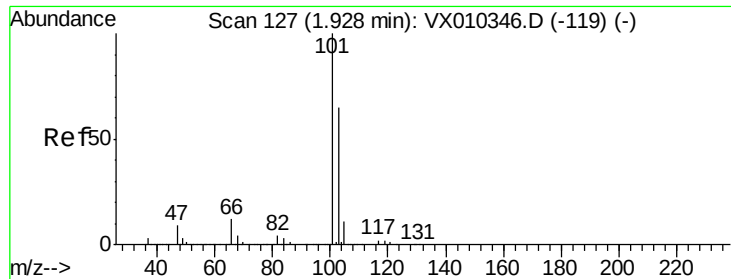
66 31.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

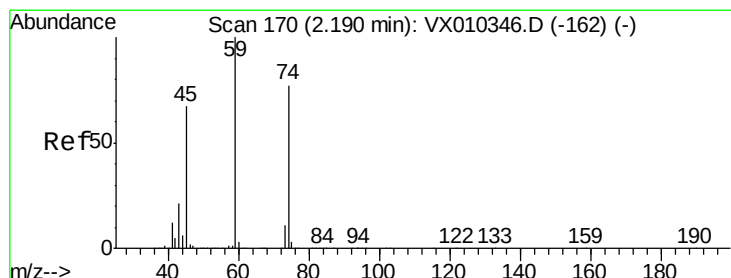
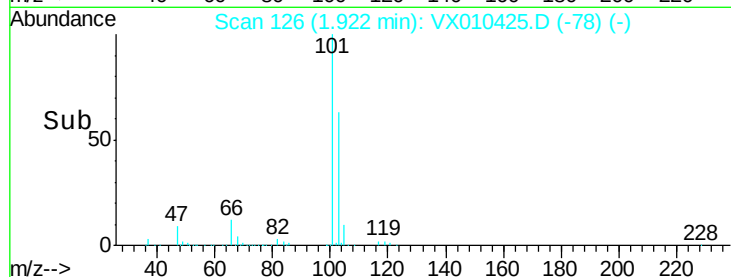
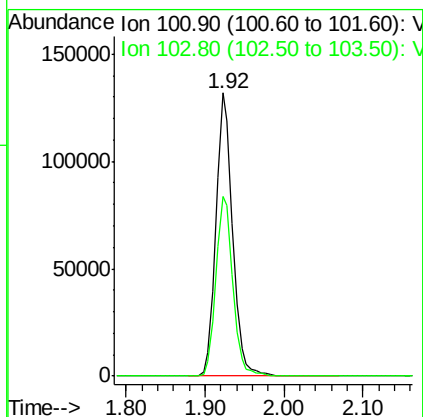
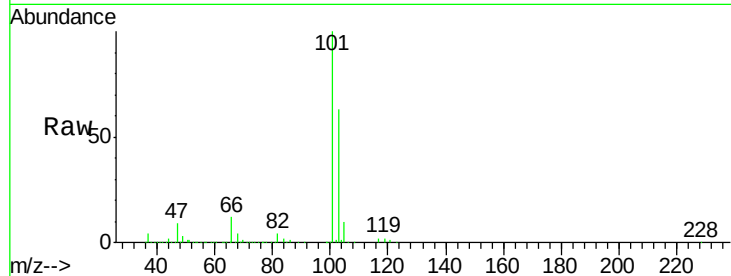
Trichlorofluoromethane
Concen: 48.003 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	193750		
103	63.3	52.3	78.5	

Manual Integrations
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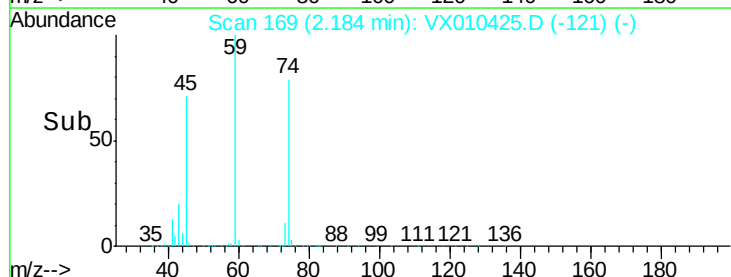
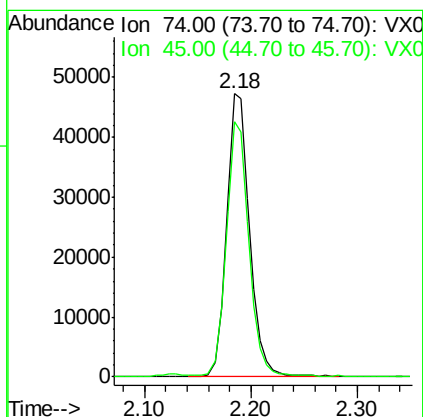
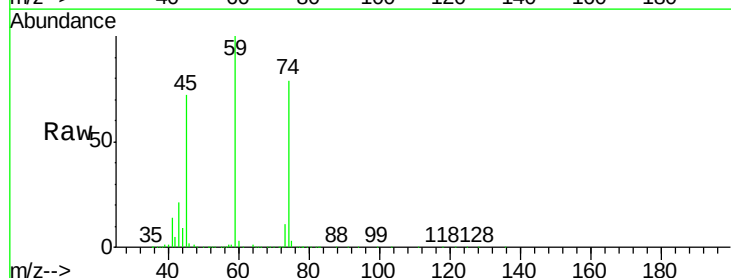
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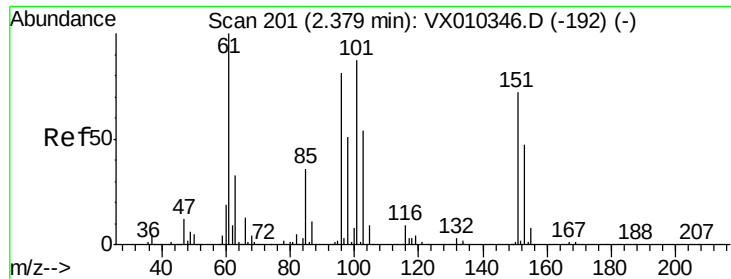


#8

Diethyl Ether
Concen: 49.315 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	71380		
45	87.6	44.8	134.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.945 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

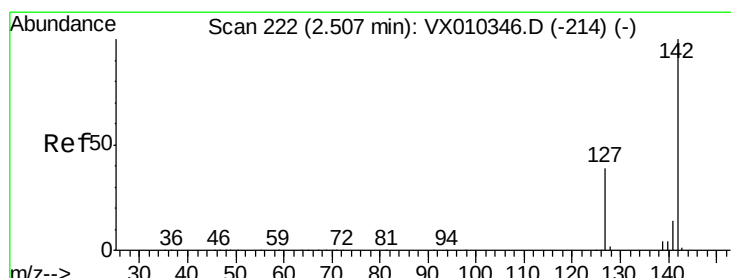
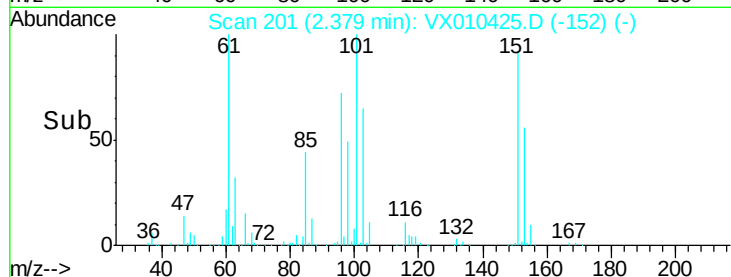
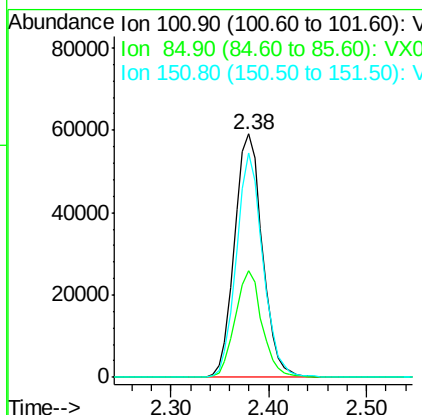
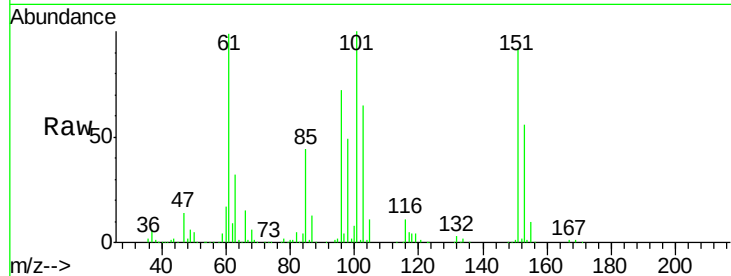
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	117272
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.7	50.5
151	87.6	70.1	105.1

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#10

Methyl Iodide

Concen: 42.741 ug/l

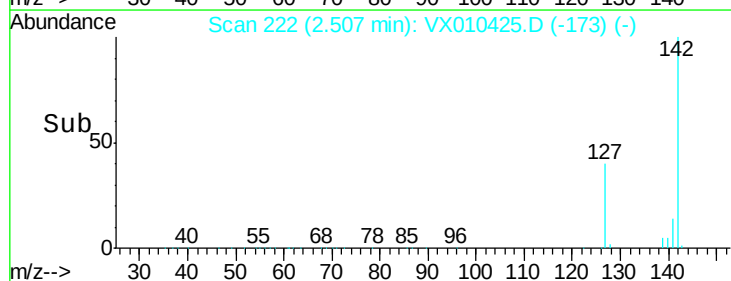
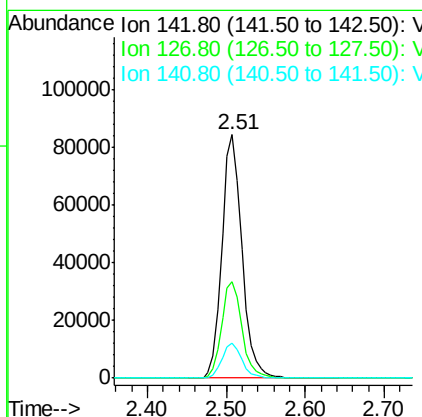
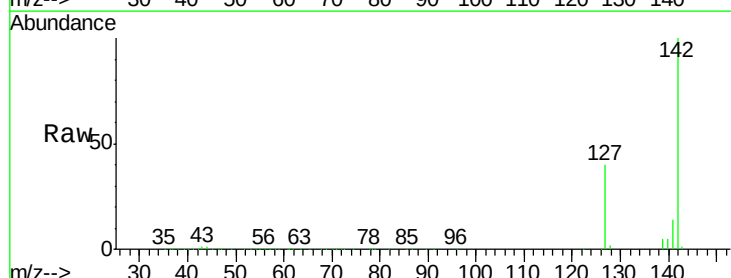
RT: 2.51 min Scan# 222

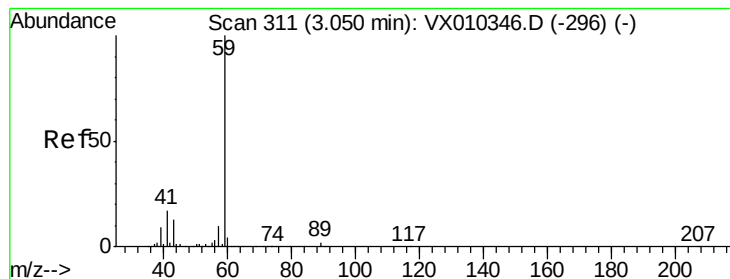
Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	142	Resp:	149197
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.1	46.7
141	14.3	11.2	16.8





#11

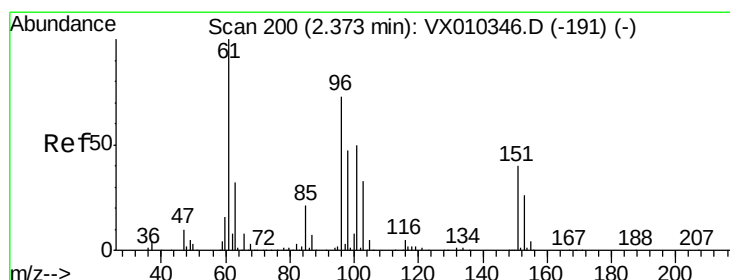
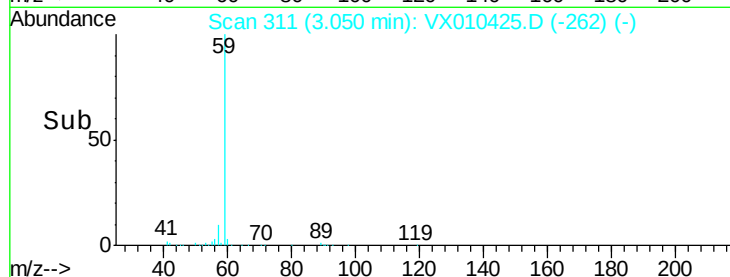
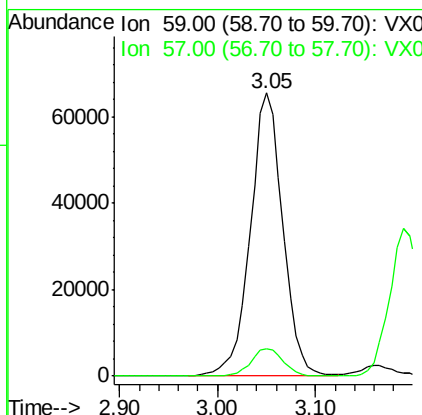
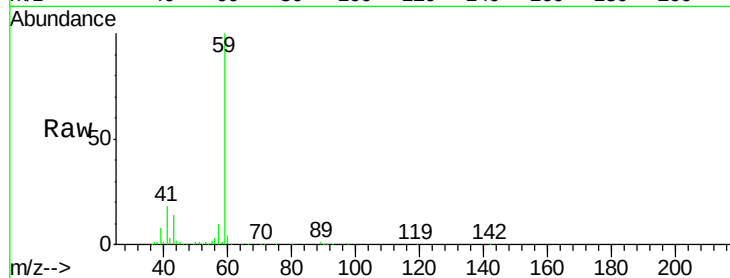
Tert butyl alcohol
Concen: 214.128 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	150849
Ion Ratio	100	Lower	Upper
57	9.8	7.7	11.5

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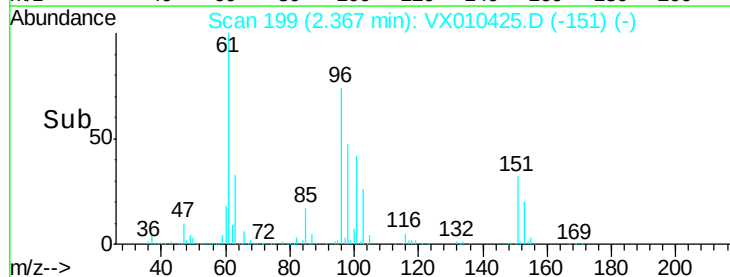
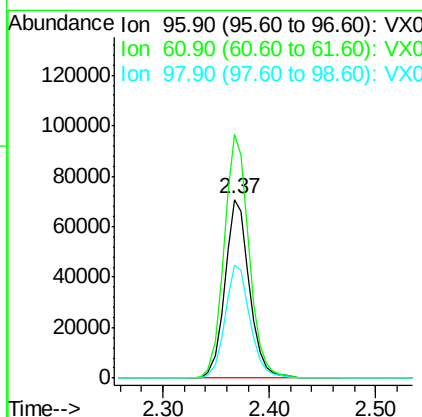
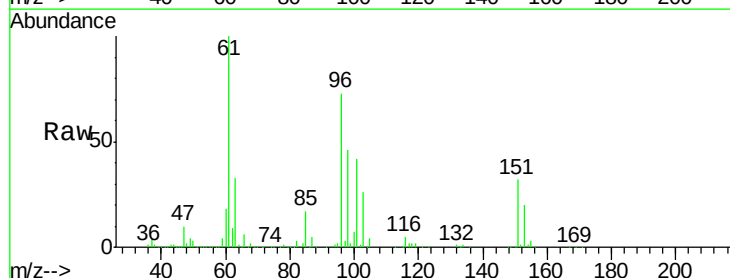
MMDadoda
6/26/2019 8:49:42 AM

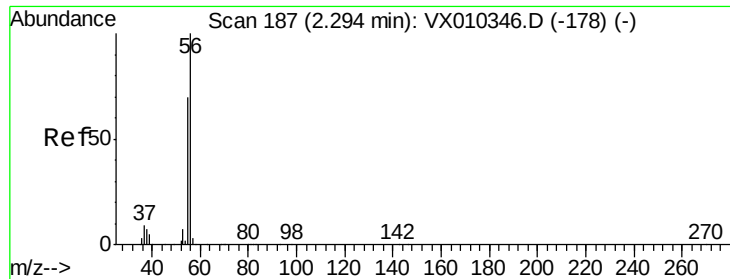


#12

1,1-Dichloroethene
Concen: 45.717 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	96	Resp	113786
Ion Ratio	100	Lower	Upper
61	136.0	109.2	163.8
98	63.3	51.1	76.7





#13

Acrolein

Concen: 245.865 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 114901

Ion Ratio Lower Upper

56 100

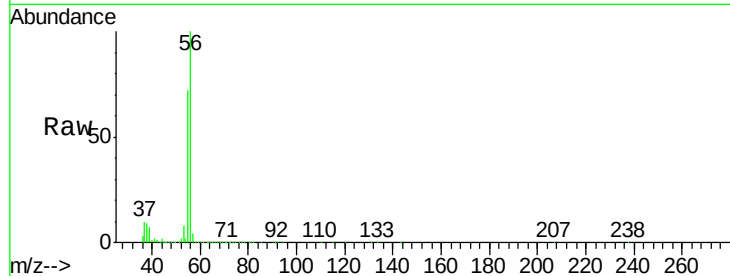
55 71.0 56.9 85.3

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

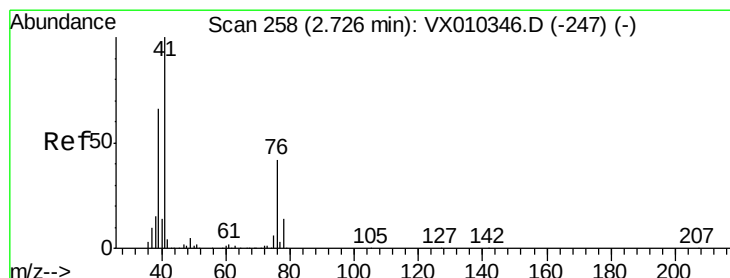
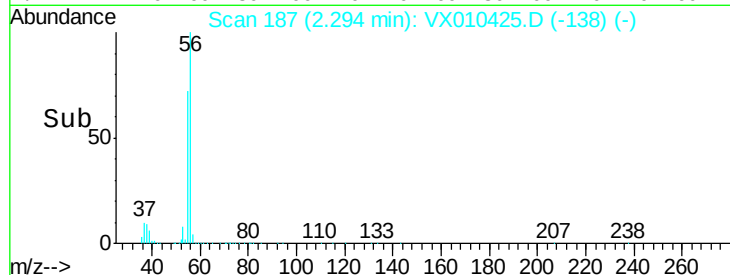
60000

40000

20000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 48.147 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

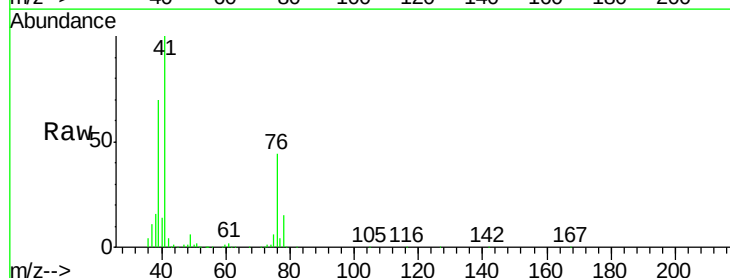
Tgt Ion: 41 Resp: 170129

Ion Ratio Lower Upper

41 100

39 63.7 50.3 75.5

76 39.4 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

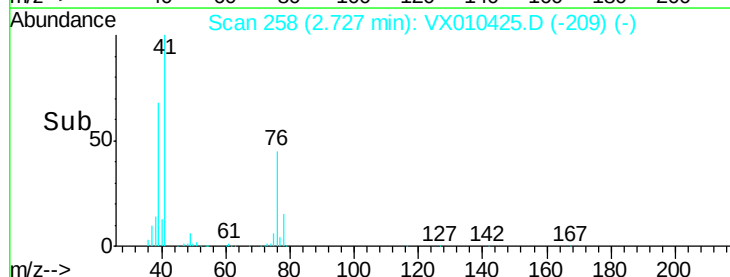
150000

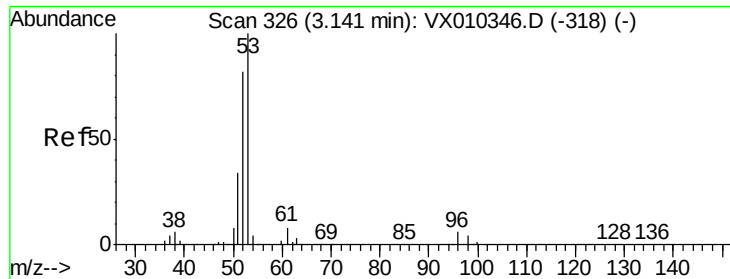
100000

50000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 237.616 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

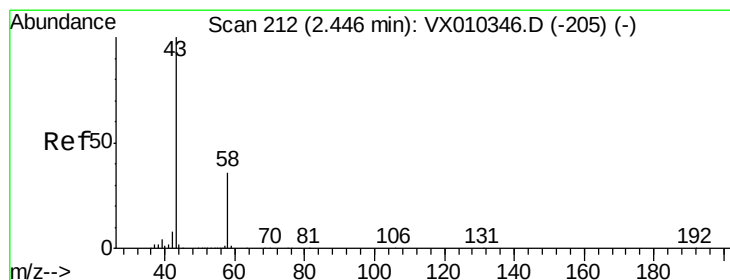
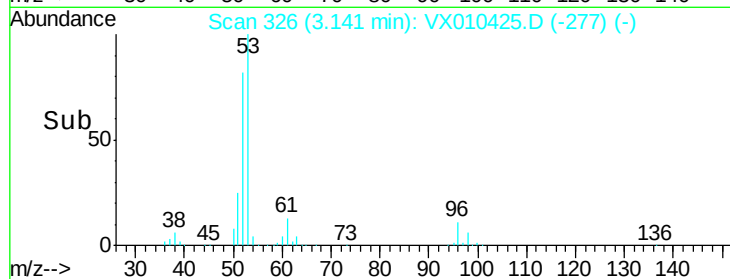
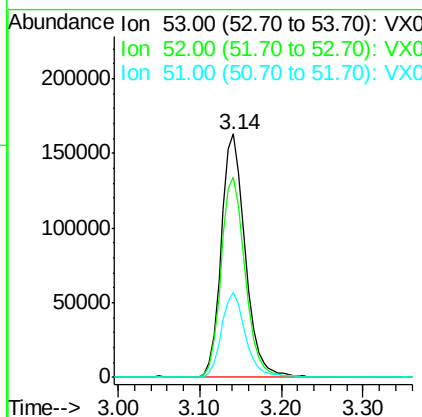
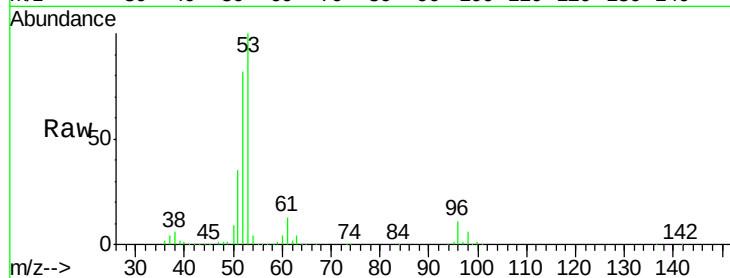
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	331424
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.5	98.3
51	35.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 256.129 ug/l

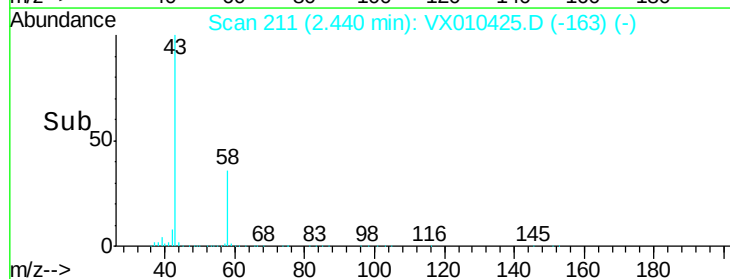
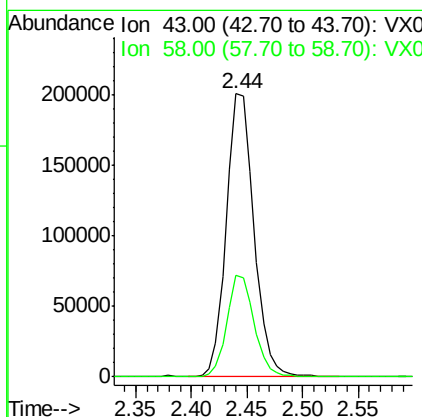
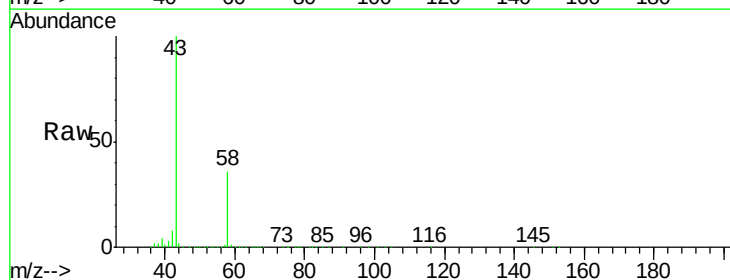
RT: 2.44 min Scan# 211

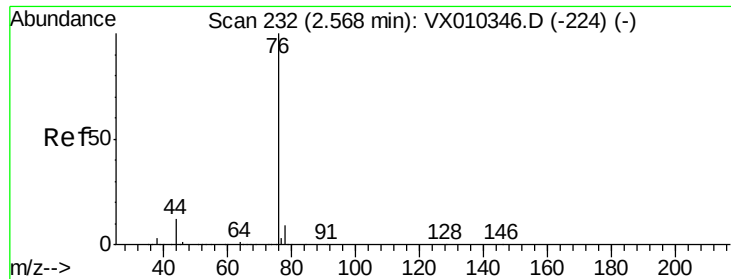
Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	43	Resp:	345591
Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3





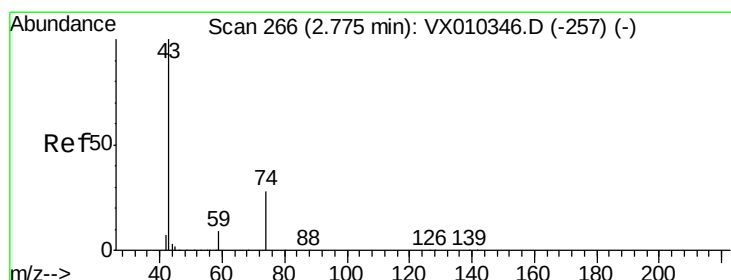
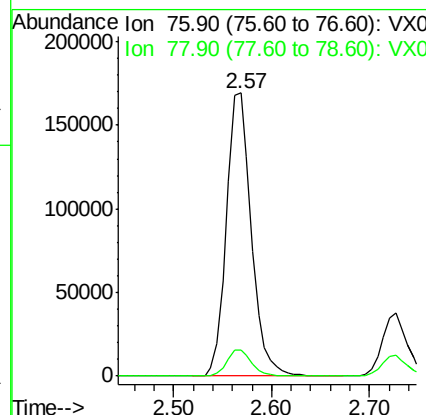
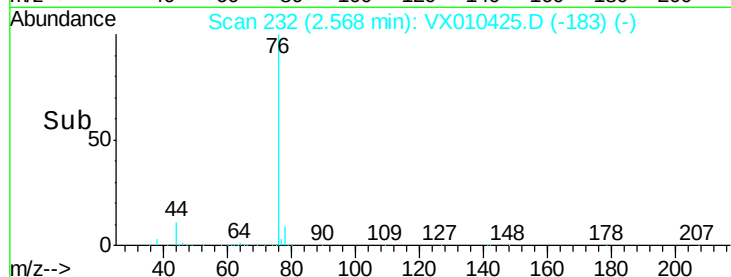
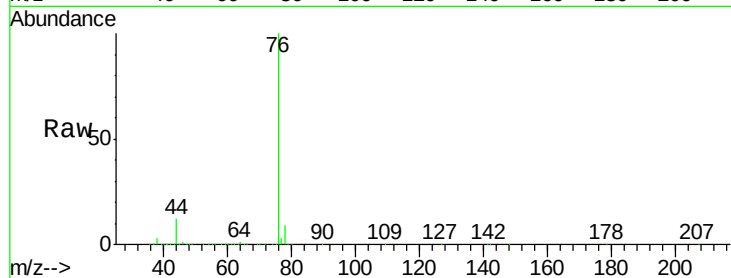
#17
Carbon Disulfide
Concen: 44.907 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

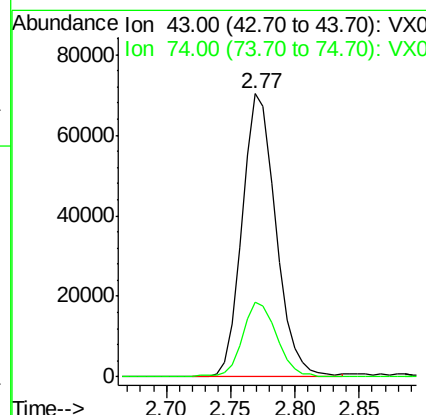
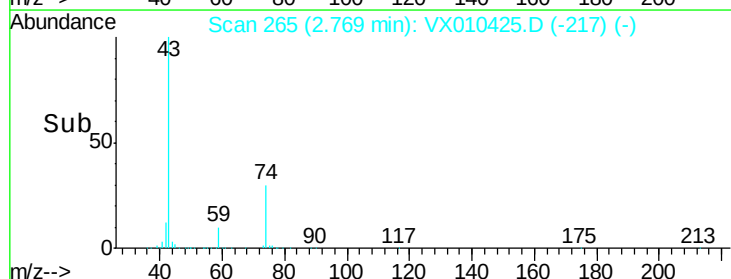
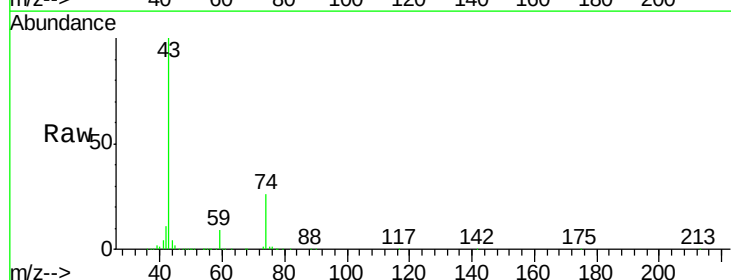
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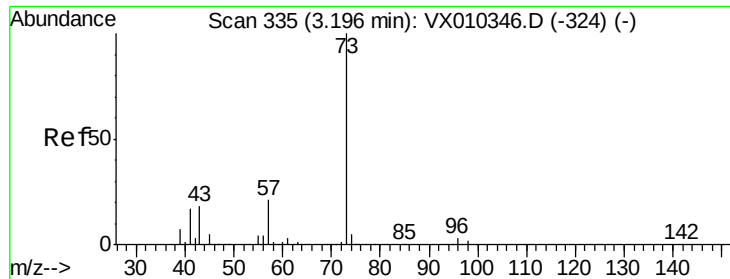
MMDadoda
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#18
Methyl Acetate
Concen: 47.126 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.3	31.9





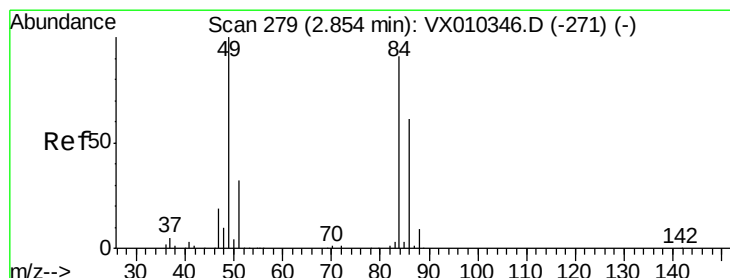
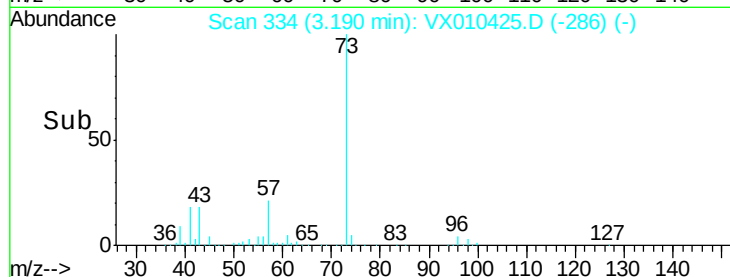
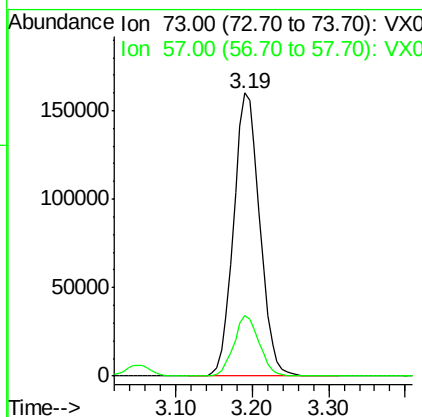
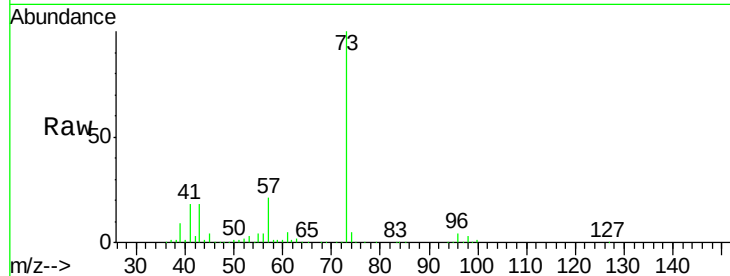
#19
Methyl tert-butyl Ether
Concen: 48.256 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 377839
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

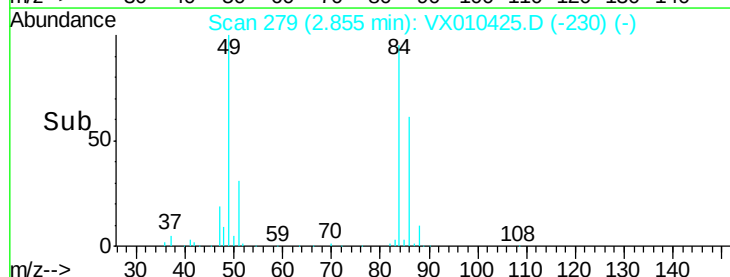
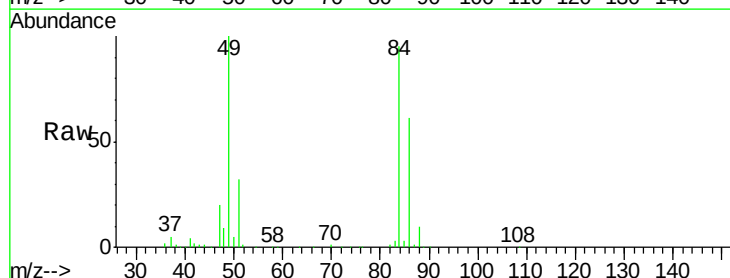
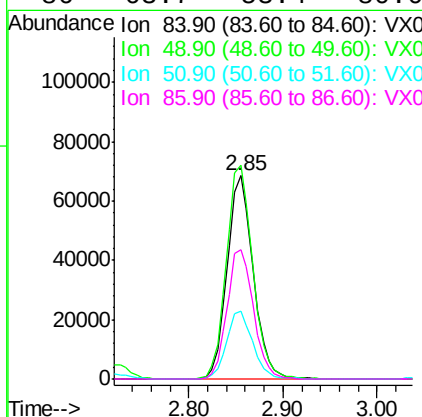
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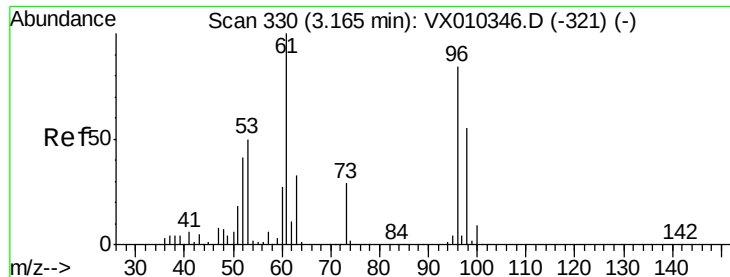
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#20
Methylene Chloride
Concen: 47.374 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 84 Resp: 131545
Ion Ratio Lower Upper
84 100
49 105.1 87.5 131.3
51 33.0 27.7 41.5
86 63.7 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 46.815 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

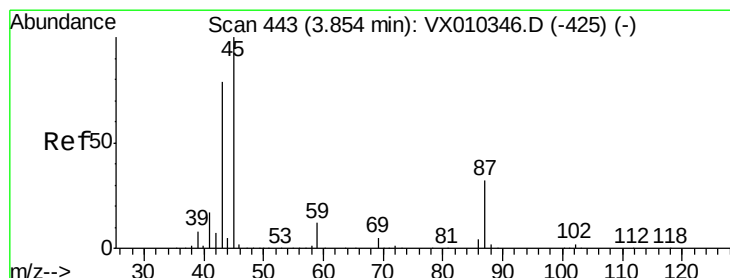
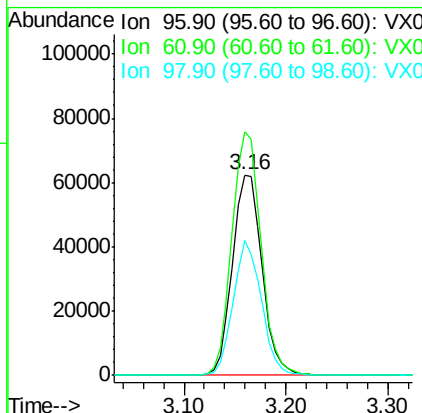
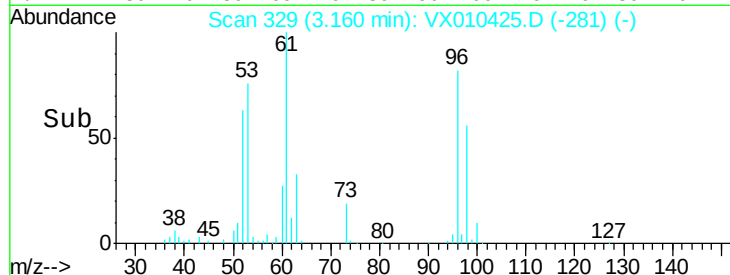
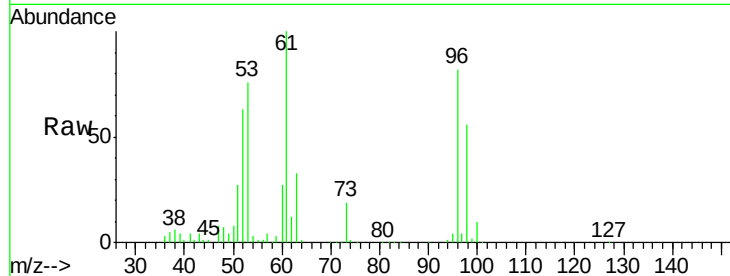
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	125317
Ion	Ratio	Lower	Upper
96	100		
61	121.3	95.6	143.4
98	67.5	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.142 ug/l

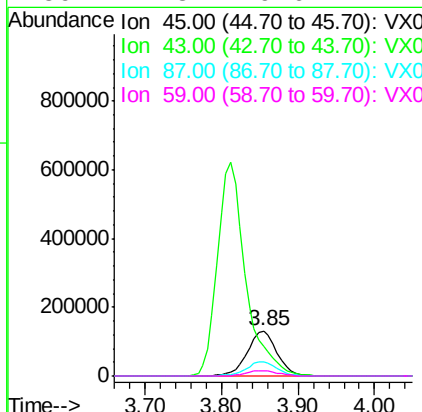
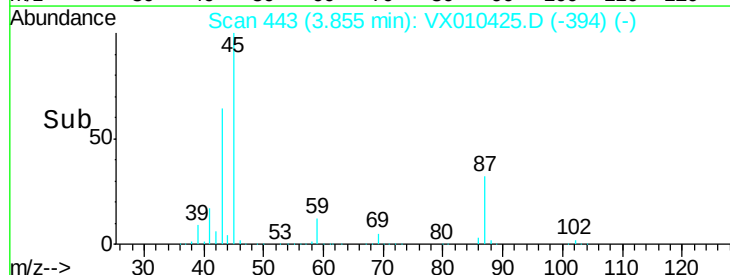
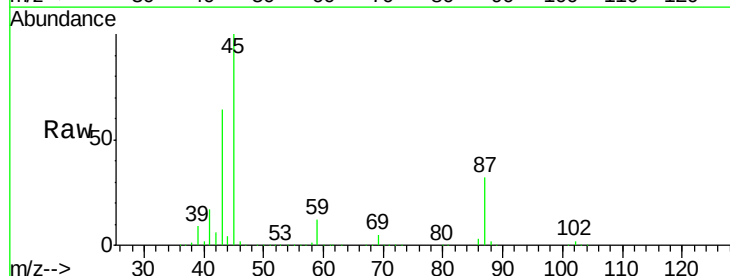
RT: 3.85 min Scan# 443

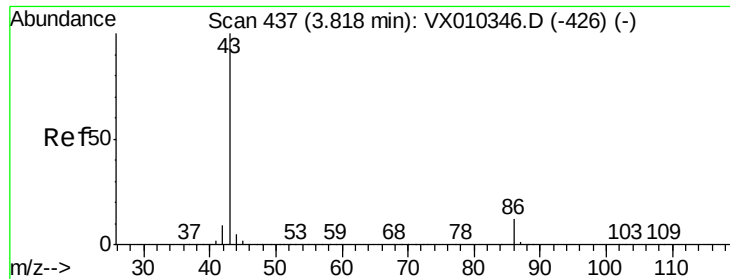
Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	45	Resp:	355664
Ion	Ratio	Lower	Upper
45	100		
43	64.2	63.3	94.9
87	32.0	25.8	38.8
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 250.083 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1596098

Ion Ratio Lower Upper

43 100

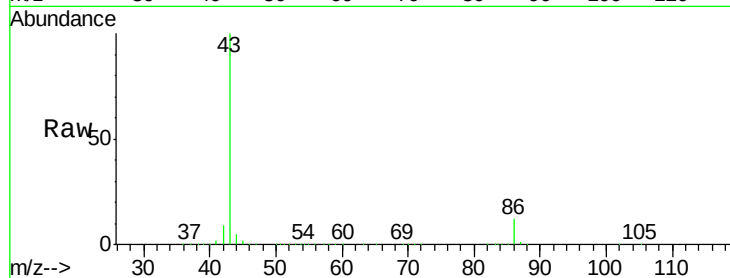
86 12.4 9.9 14.9

Manual Integrations

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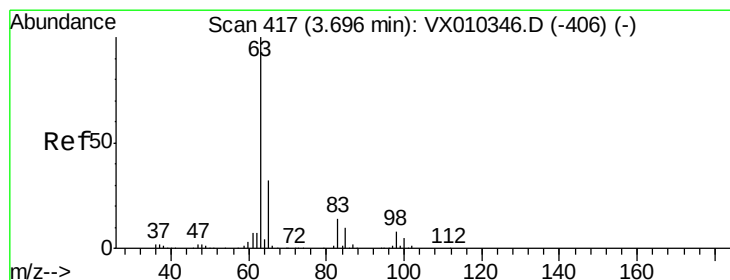
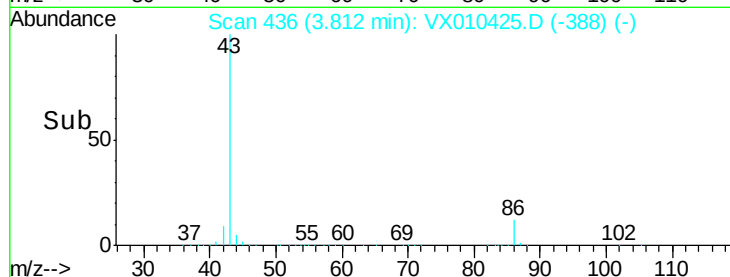
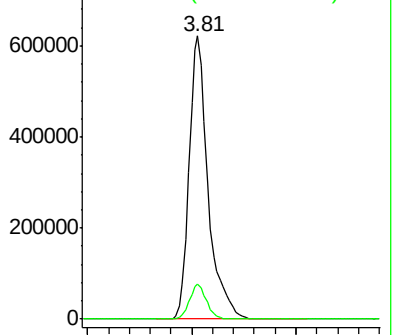
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.517 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

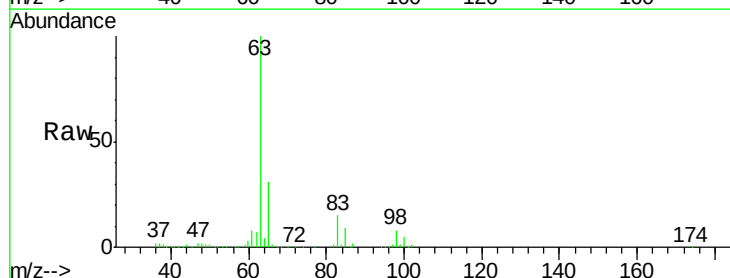
Tgt Ion: 63 Resp: 202919

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

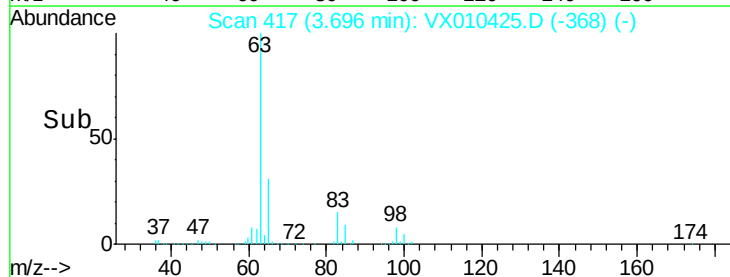
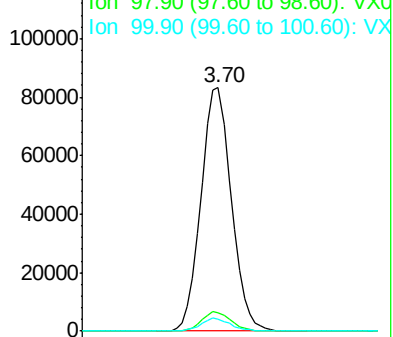
100 4.9 2.4 7.1

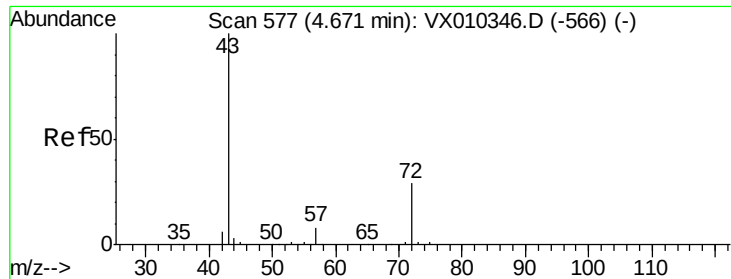


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.289 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 493400

Ion Ratio Lower Upper

43 100

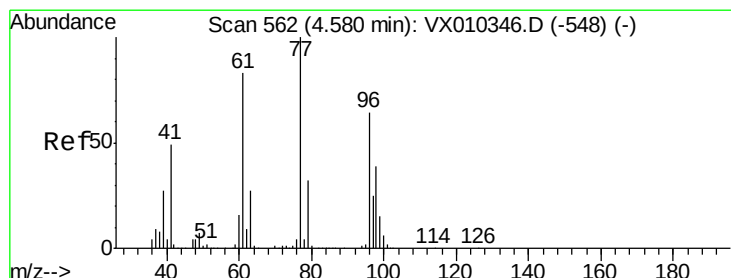
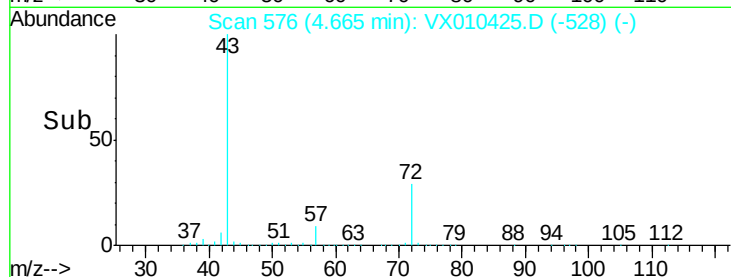
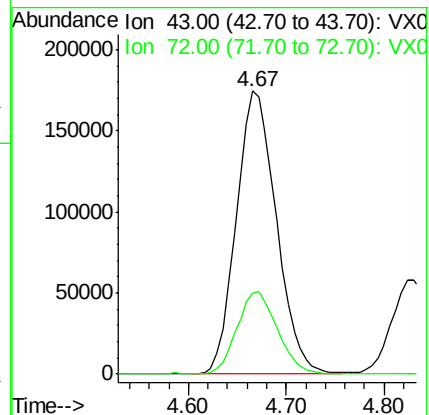
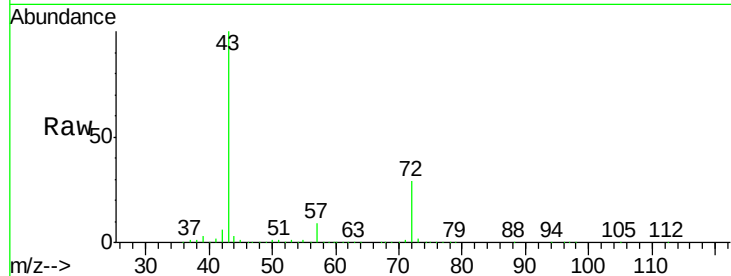
72 28.4 23.3 34.9

Manual Integrations

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6/26/2019 8:49:42 AM



#26

2,2-Dichloropropane

Concen: 49.204 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010425.D

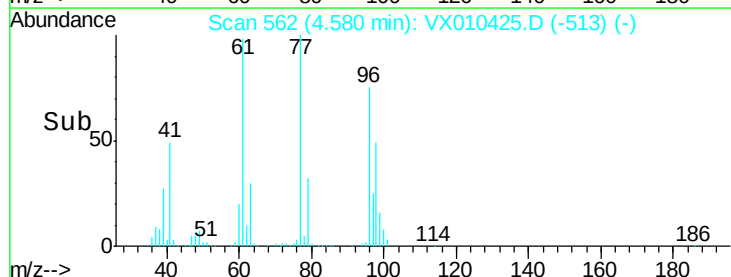
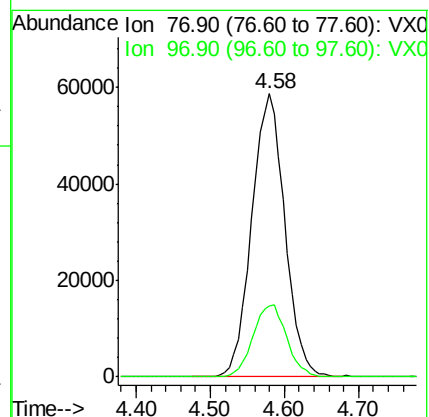
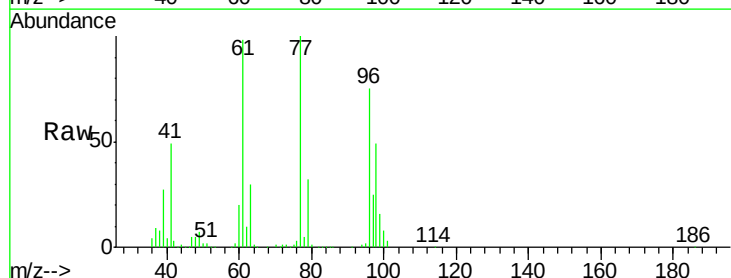
Acq: 25 Jun 2019 09:16

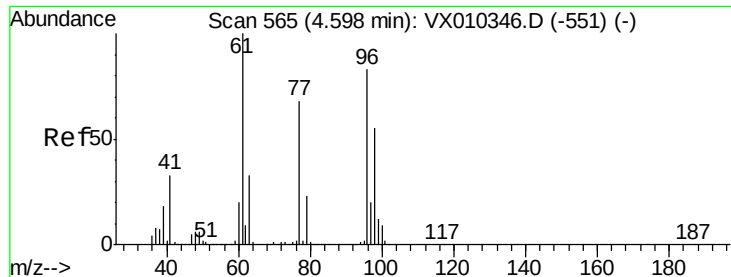
Tgt Ion: 77 Resp: 182531

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3





#27

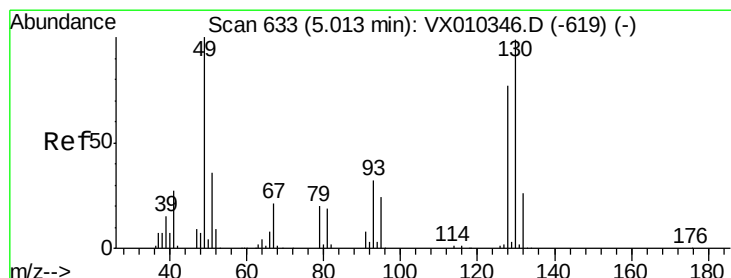
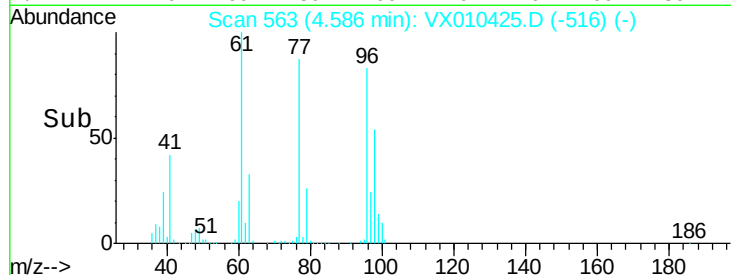
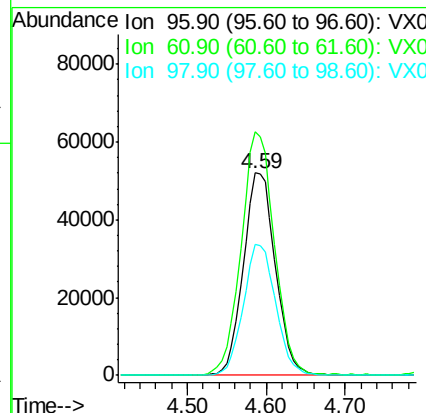
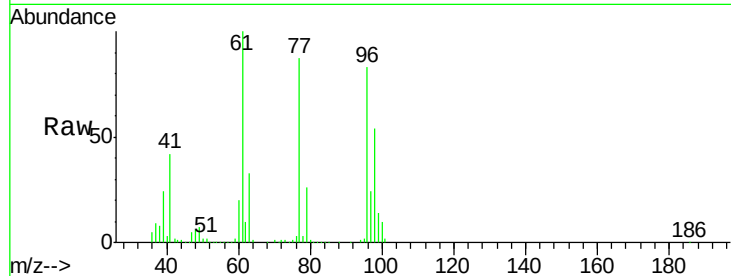
cis-1,2-Dichloroethene
 Concen: 47.717 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	251.8
98	65.2	0.0	129.4

Manual Integrations
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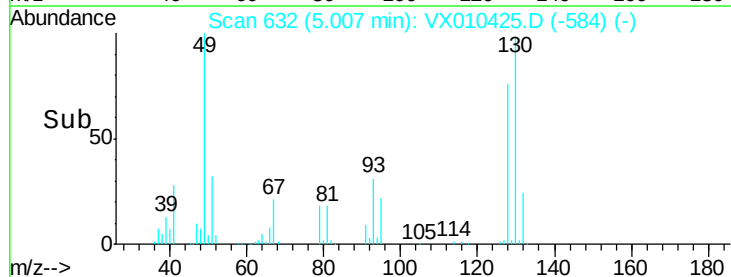
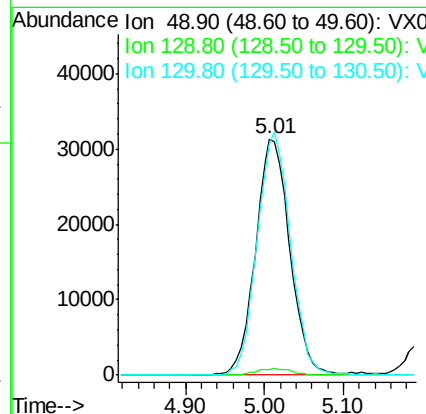
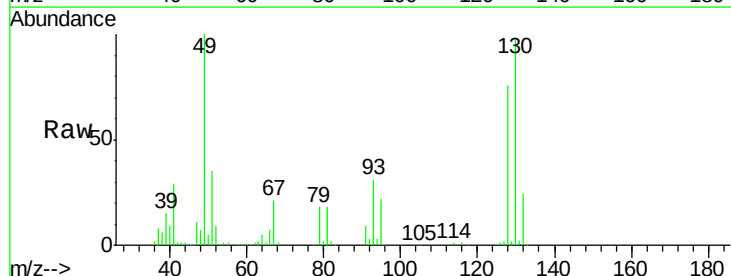
MMDadoda
 6/26/2019 8:49:42 AM

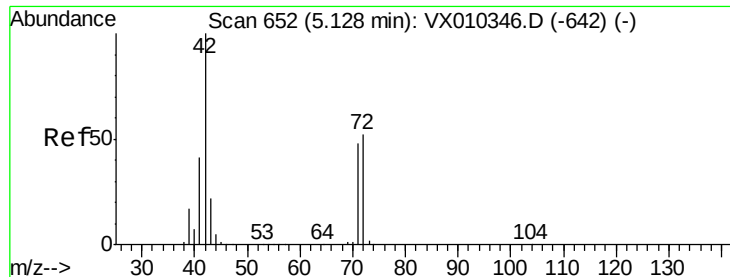


#28

Bromochloromethane
 Concen: 46.276 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	100.1	81.4	122.0





#29

Tetrahydrofuran

Concen: 235.133 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

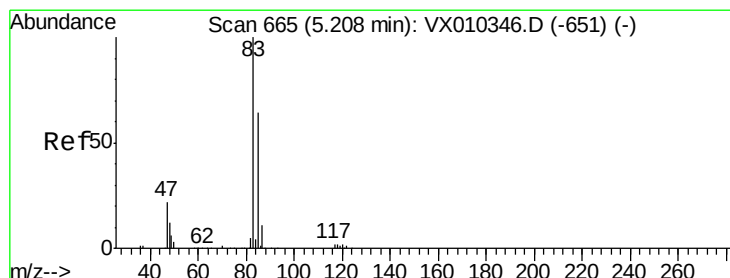
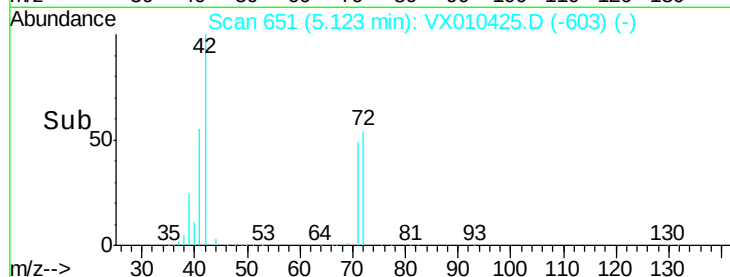
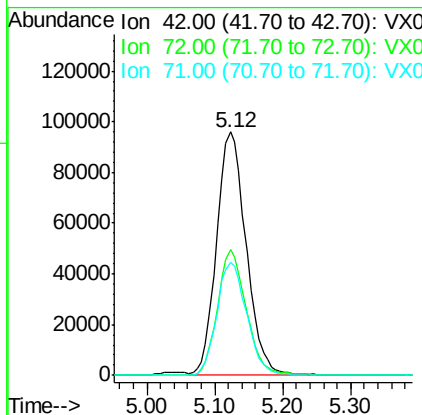
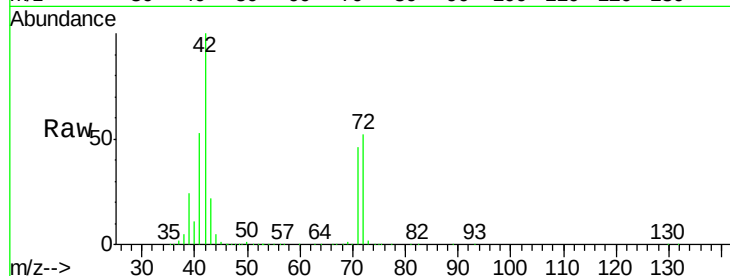
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	288261
Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.6	60.8
71	47.1	37.8	56.8

Manual Integrations
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#30

Chloroform

Concen: 48.015 ug/l

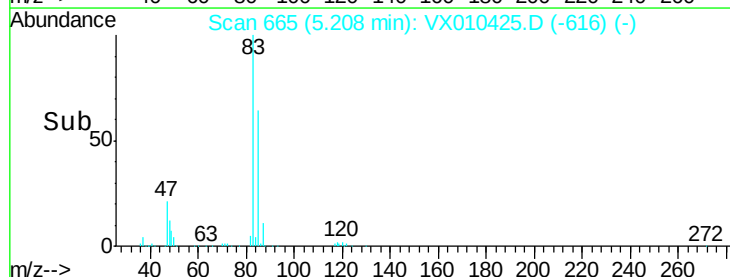
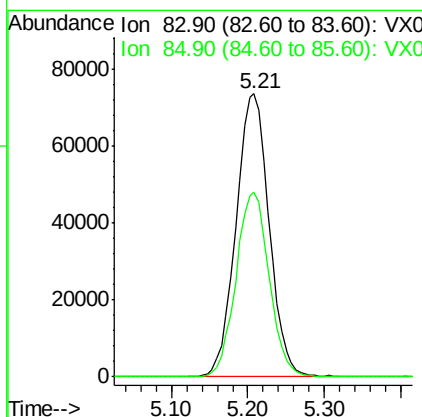
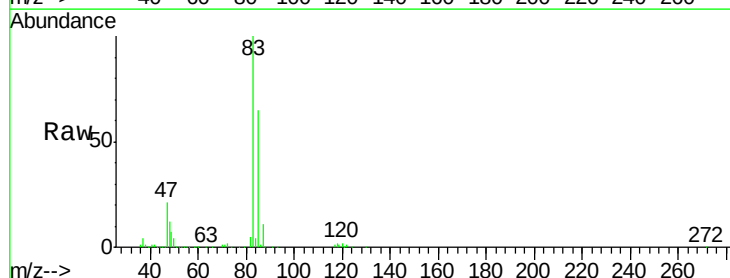
RT: 5.21 min Scan# 665

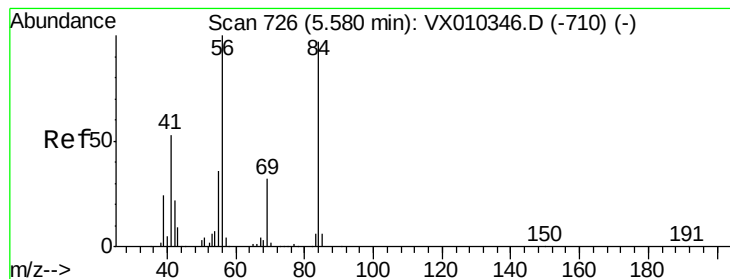
Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	83	Resp:	220615
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.9	76.3





#31

Cyclohexane

Concen: 47.503 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 184732

Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

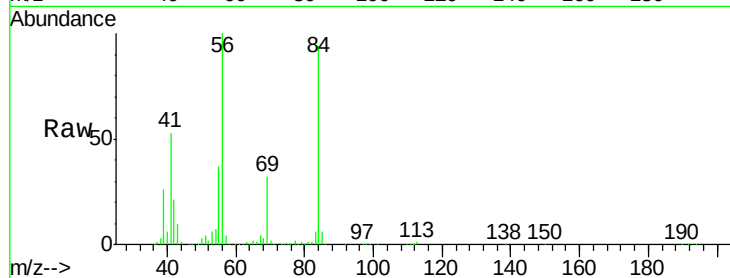
84 92.6 78.0 117.0

Manual Integrations

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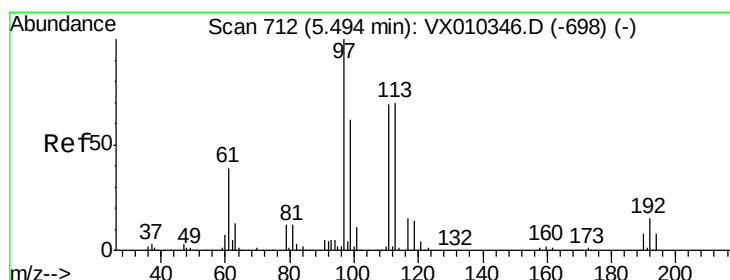
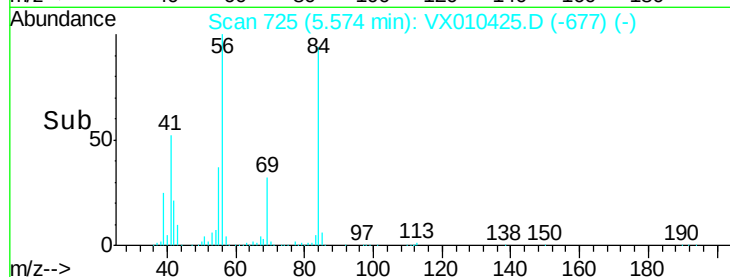
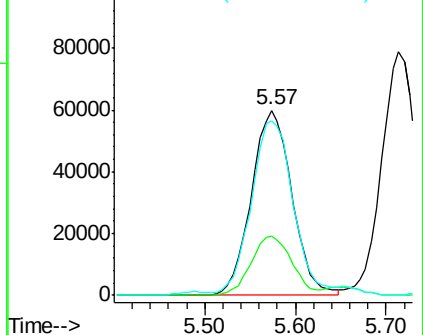
6/26/2019 8:49:42 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.880 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

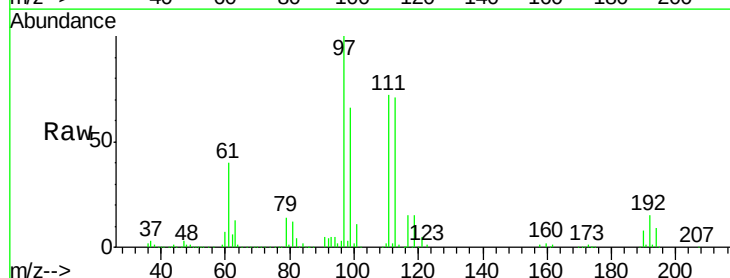
Tgt Ion: 97 Resp: 198314

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

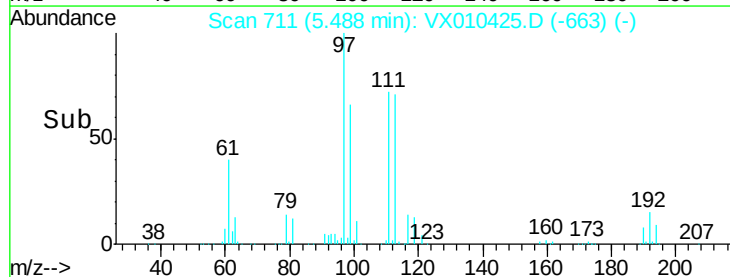
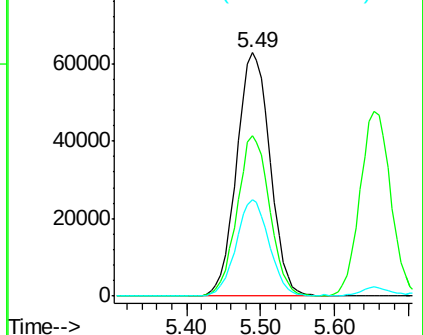
61 39.2 32.1 48.1

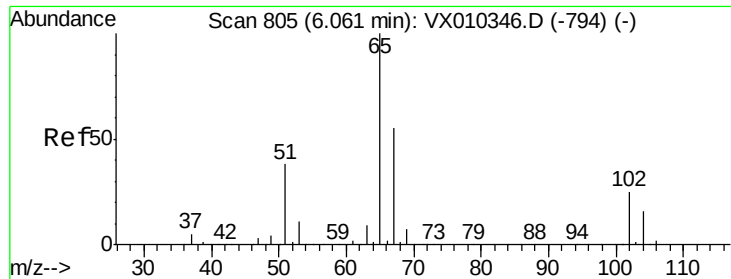


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





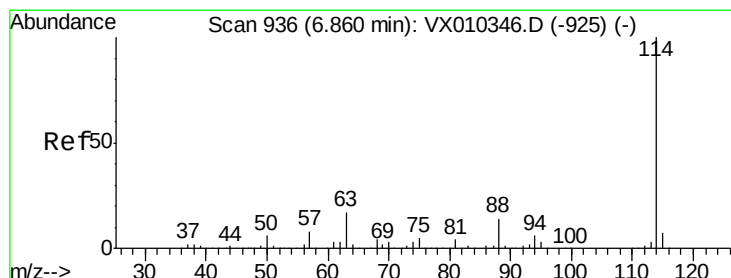
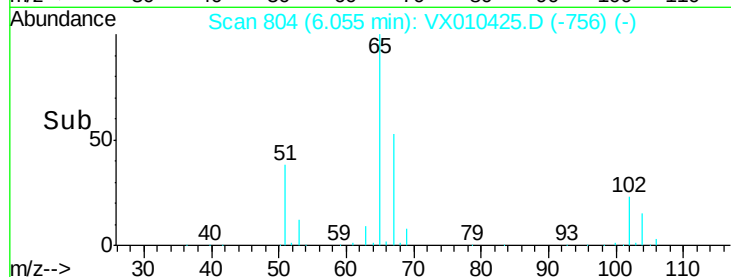
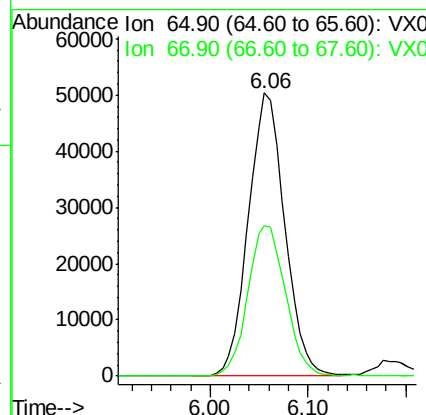
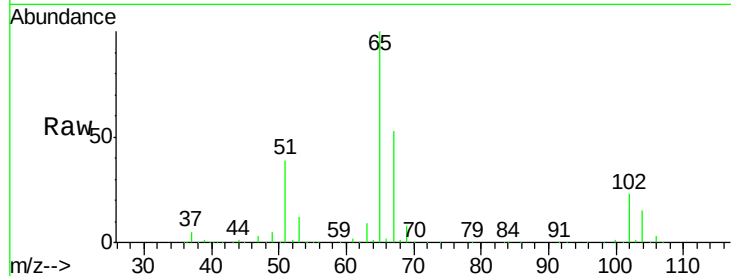
#33
 1,2-Dichloroethane-d4
 Concen: 48.449 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 130437
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2

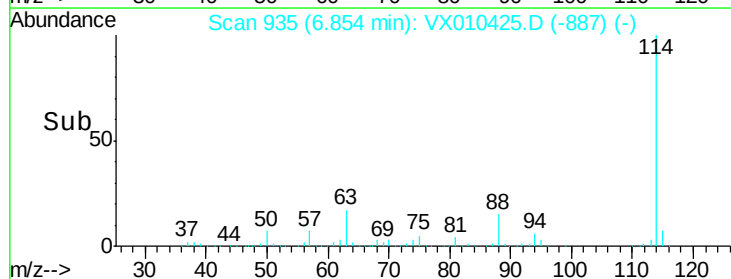
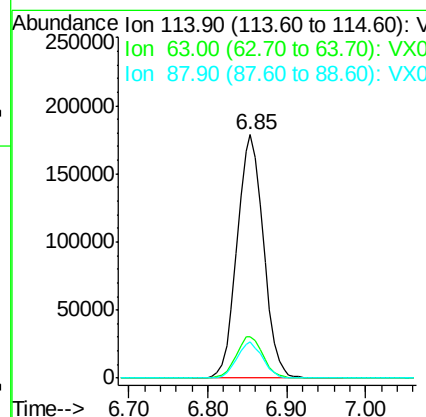
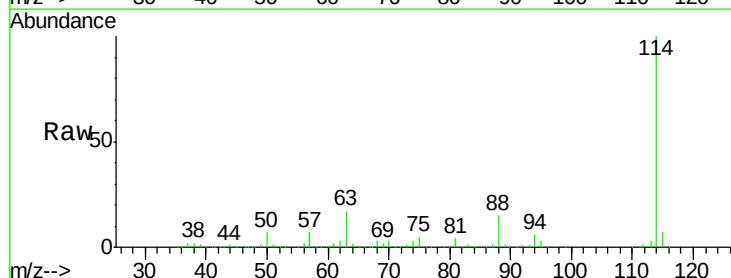
Manual Integrations
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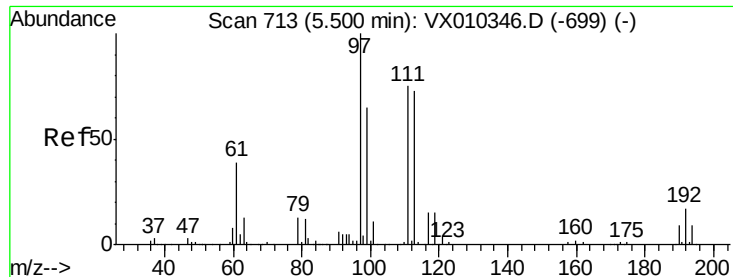
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 6/26/2019 8:49:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion: 114 Resp: 415861
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.855 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

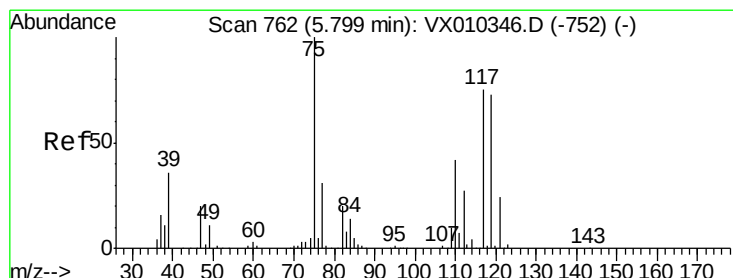
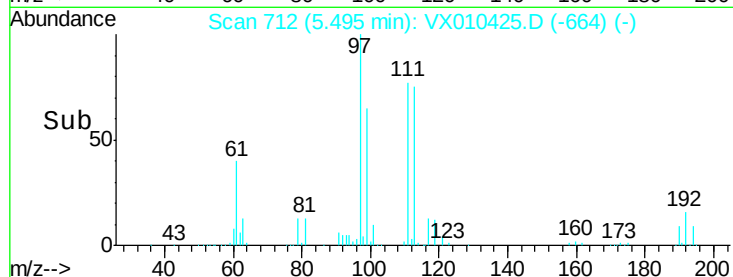
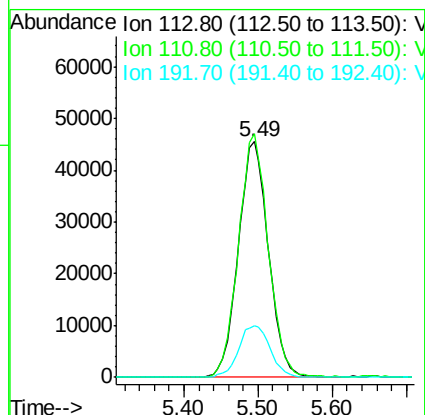
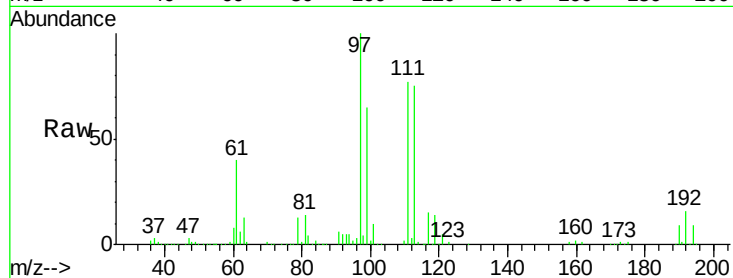
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	129394
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.2	121.8
192	22.9	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.681 ug/l

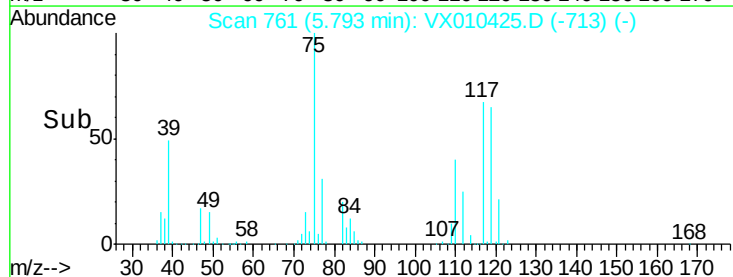
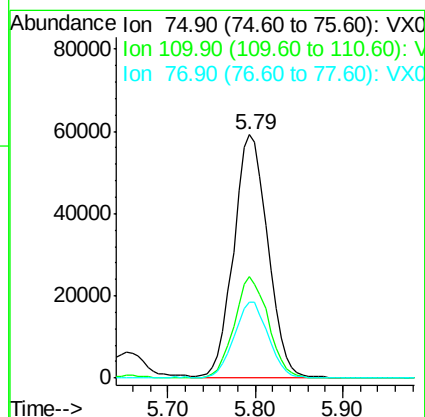
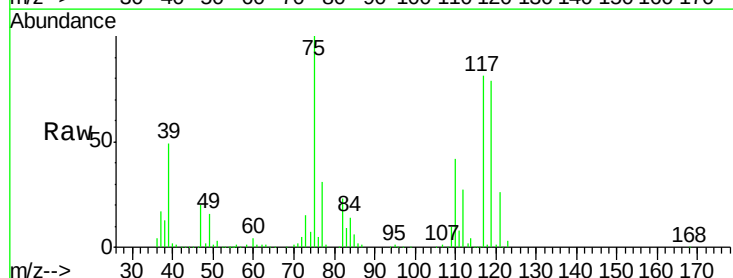
RT: 5.79 min Scan# 761

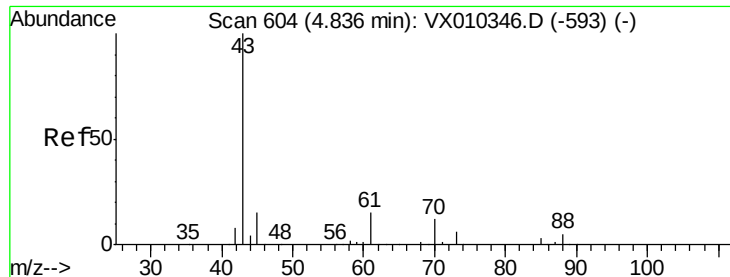
Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	75	Resp:	160874
Ion	Ratio	Lower	Upper
75	100		
110	41.6	20.8	62.2
77	31.5	25.4	38.0





#37

Ethyl Acetate

Concen: 50.032 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

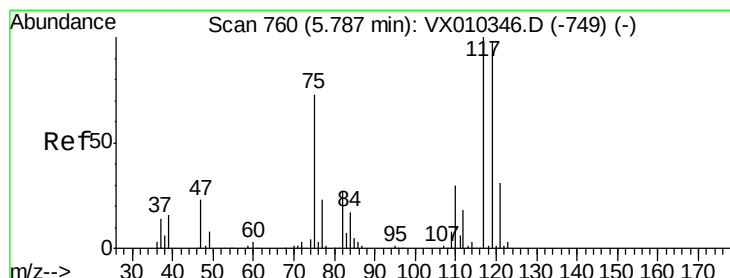
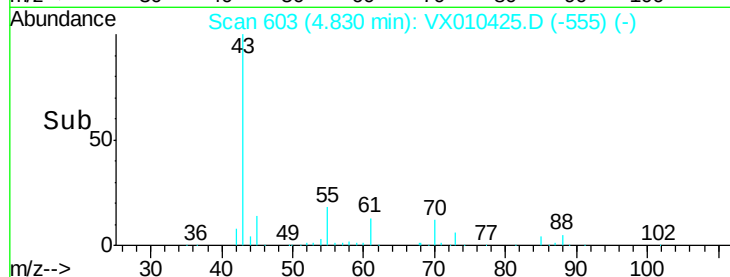
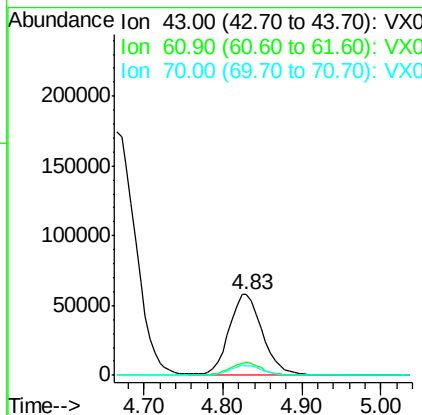
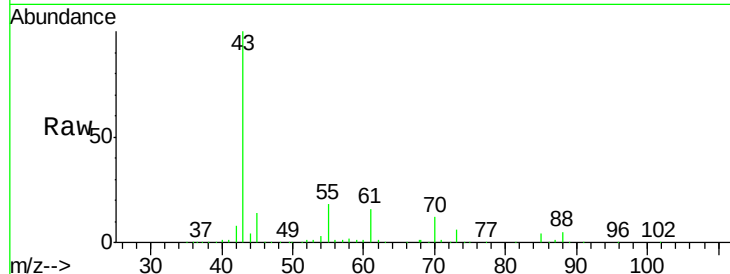
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	170095
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	12.3	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 49.985 ug/l

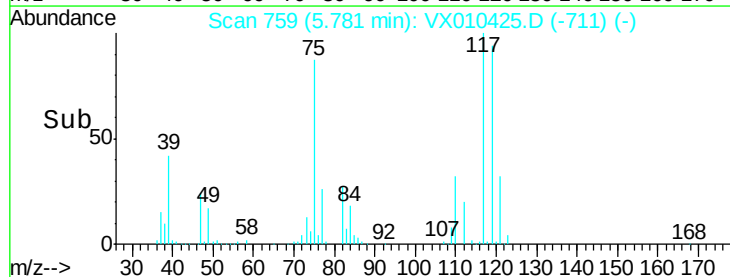
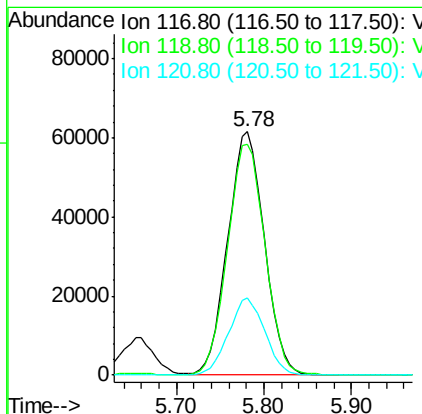
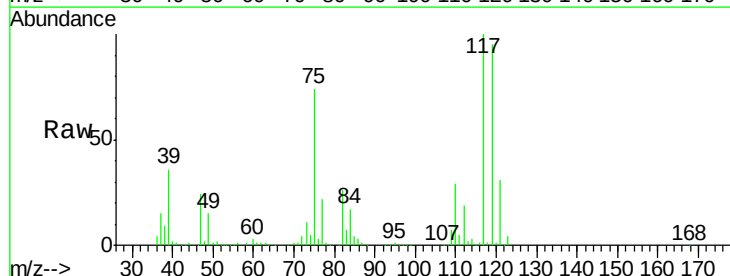
RT: 5.78 min Scan# 759

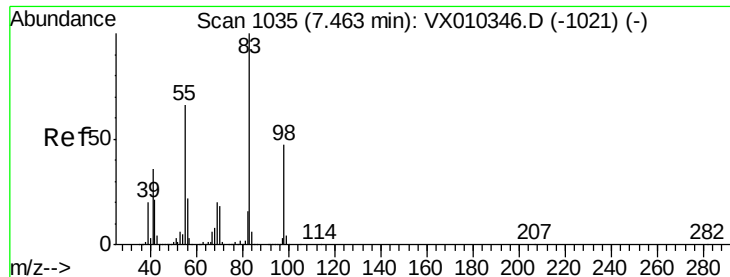
Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	117	Resp:	178870
Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.2	117.4
121	31.5	24.7	37.1





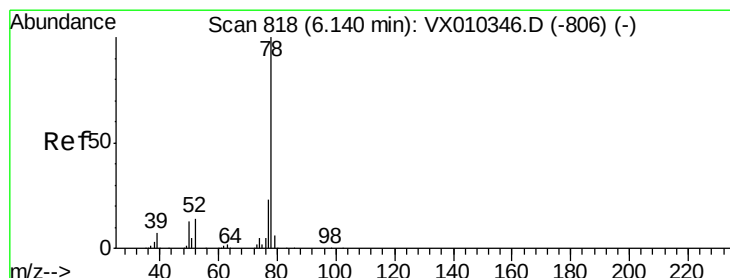
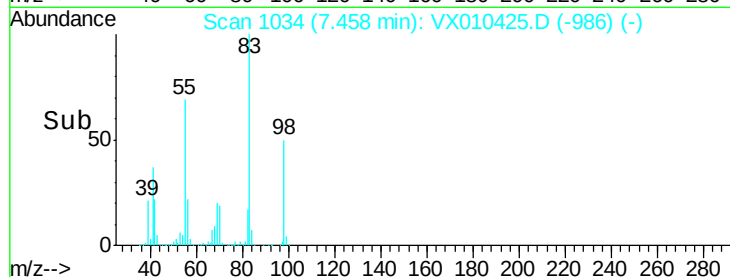
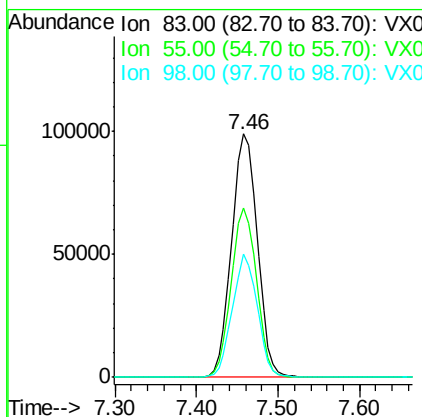
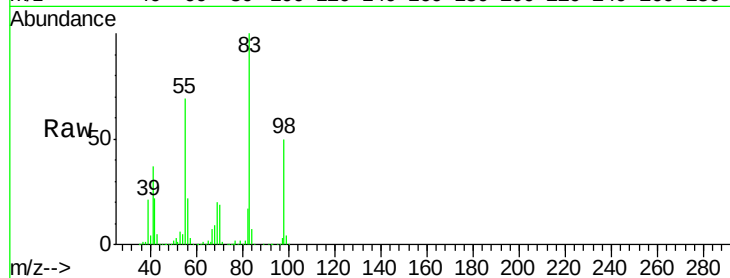
#39
Methylvlcyclohexane
Concen: 49.694 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	69.3	53.0	79.6	
98	50.5	37.8	56.8	

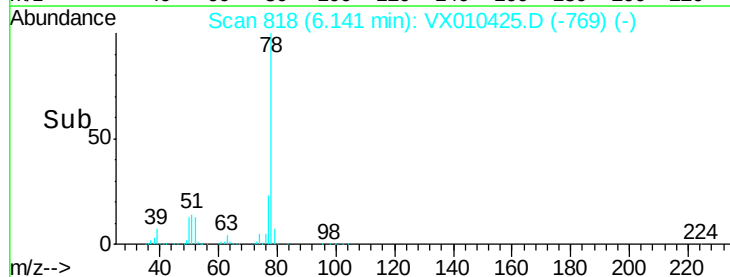
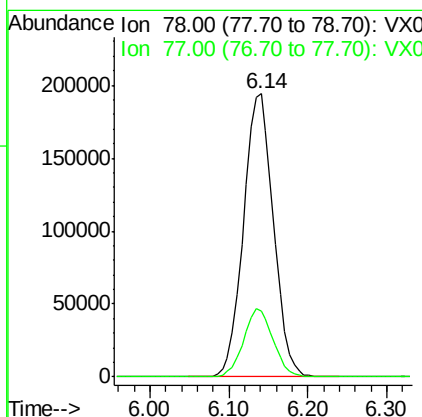
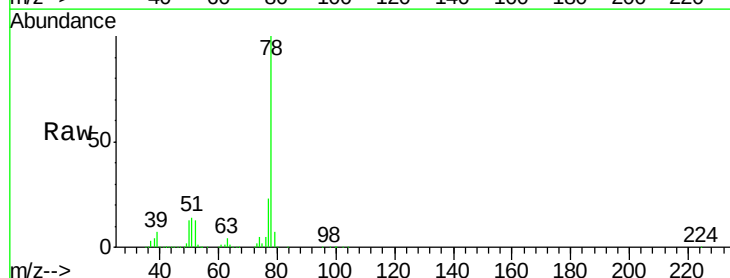
Manual Integrations
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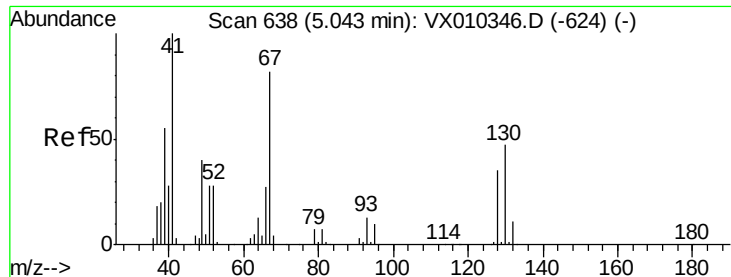
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#40
Benzene
Concen: 49.635 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.1	18.6	28.0	





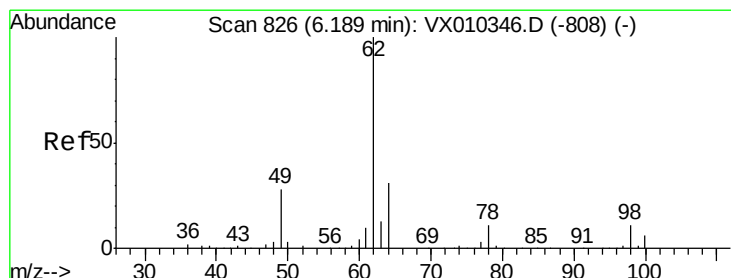
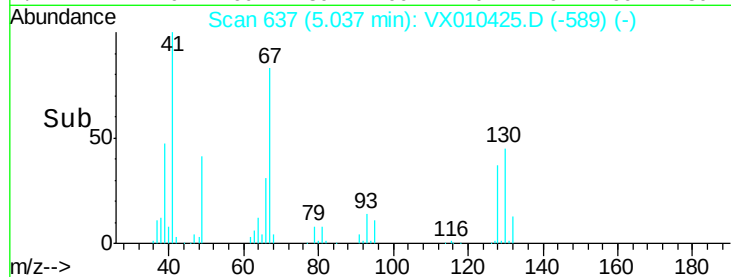
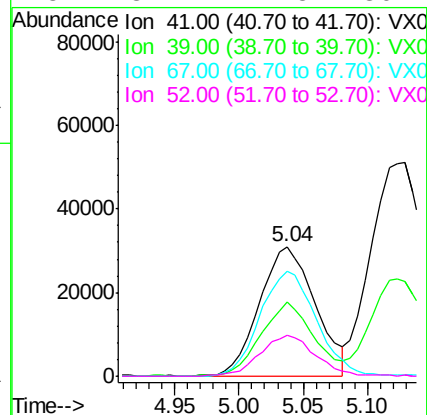
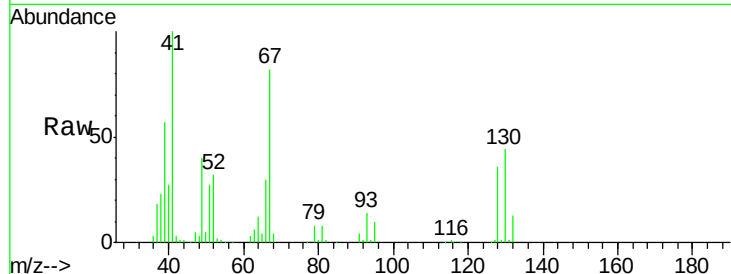
#41
Methacrylonitrile
Concen: 49.678 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.8	65.8	
67	82.5	66.6	100.0	
52	32.1	24.5	36.7	

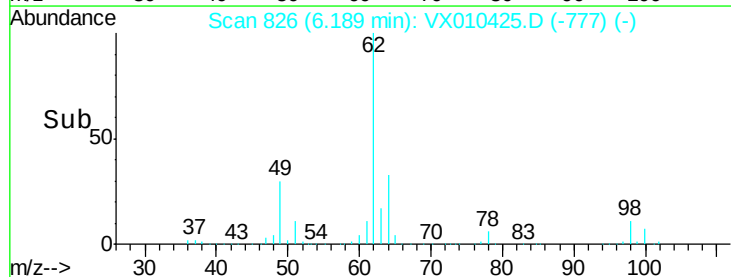
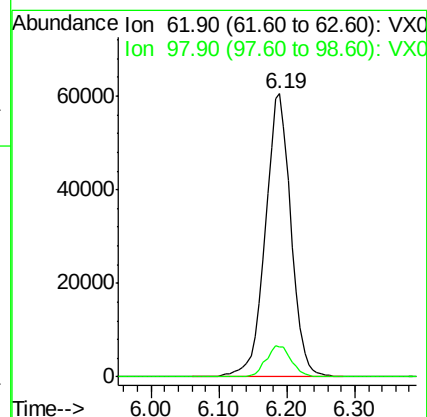
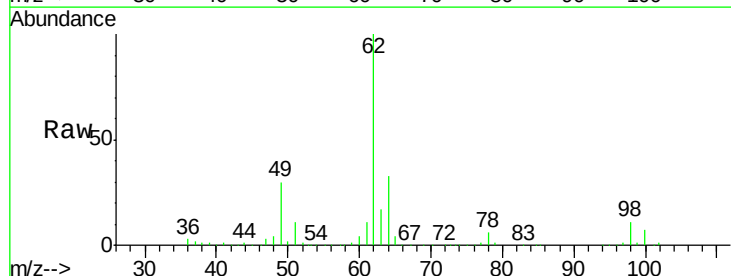
Manual Integrations
APPROVED

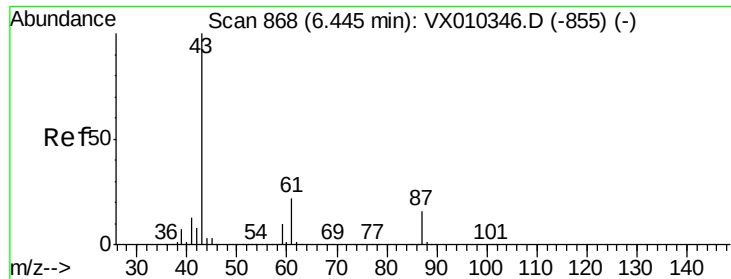
MMDadoda
6/26/2019 8:49:42 AM



#42
1,2-Dichloroethane
Concen: 50.530 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	0.0	22.2	





#43

Isopropyl Acetate

Concen: 49.951 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

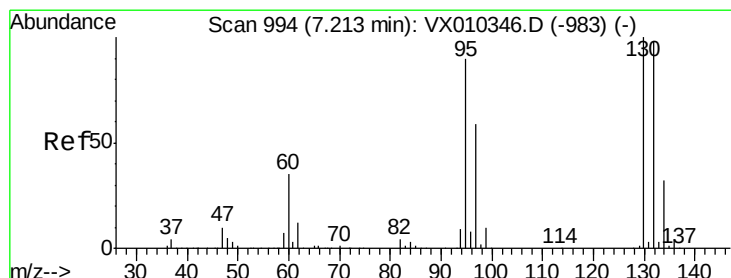
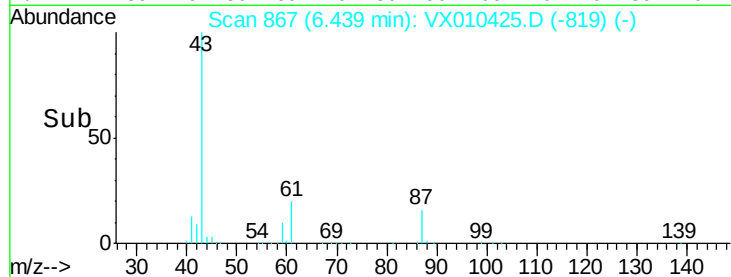
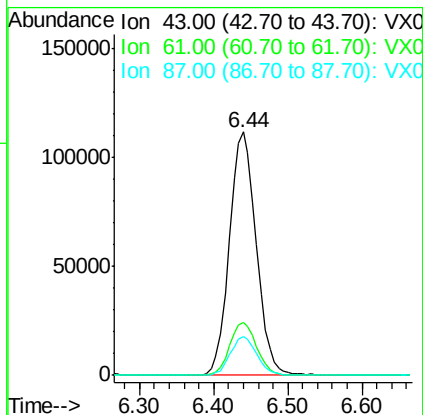
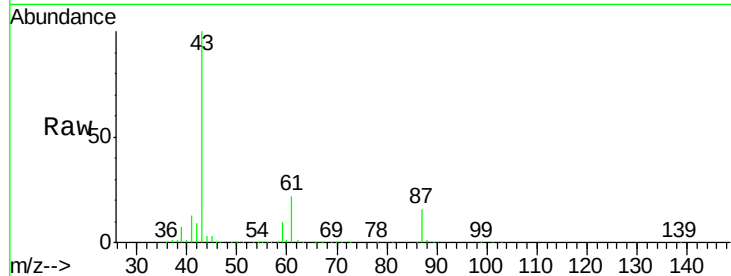
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	280964
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.8	13.0	19.4

Manual Integrations
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6/26/2019 8:49:42 AM



#44

Trichloroethene

Concen: 49.646 ug/l

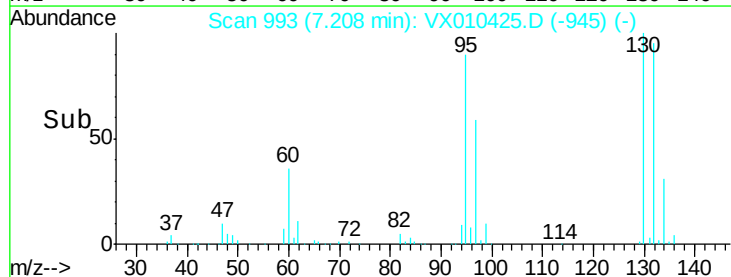
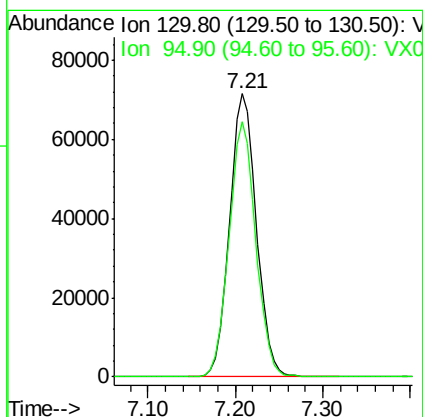
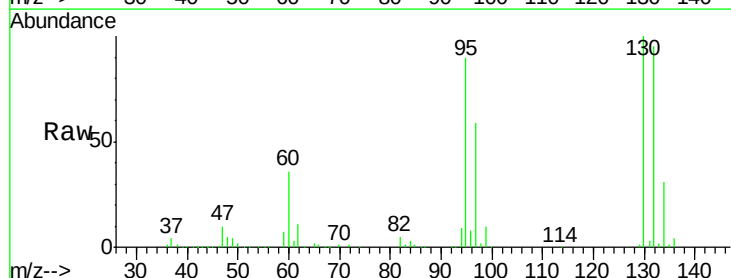
RT: 7.21 min Scan# 993

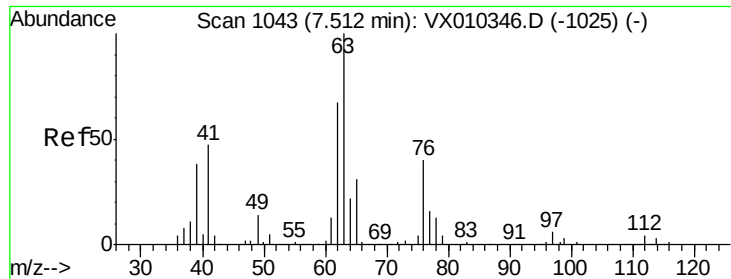
Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	130	Resp:	152944
Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	180.8





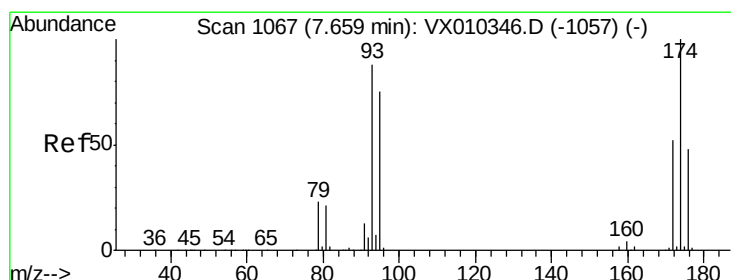
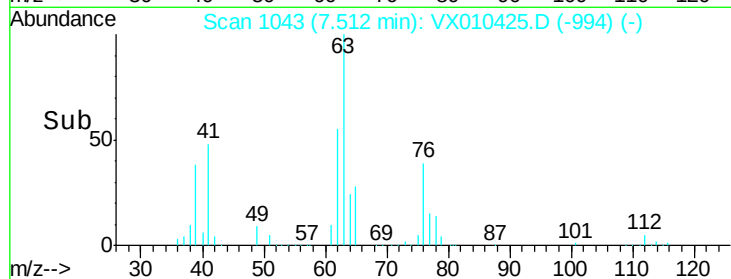
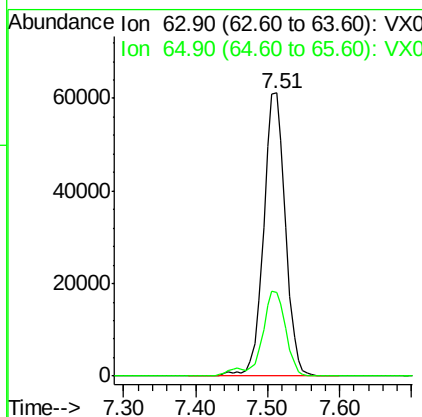
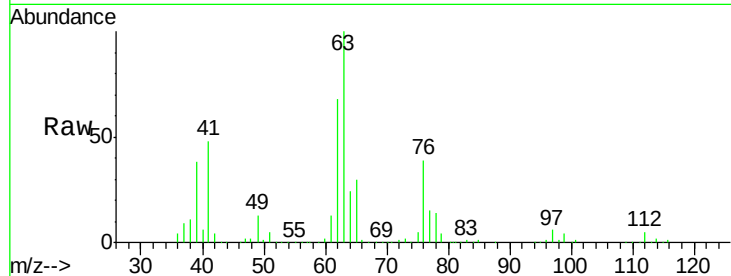
#45
 1,2-Dichloropropane
 Concen: 49.443 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 128549
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.8 37.2

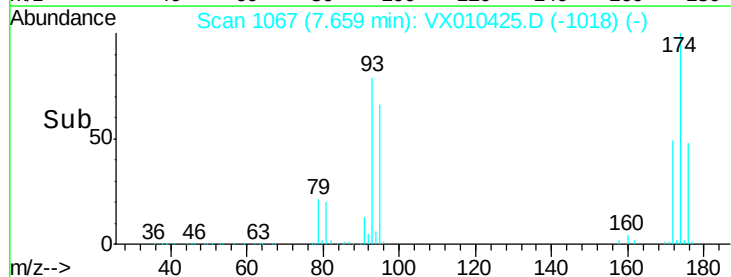
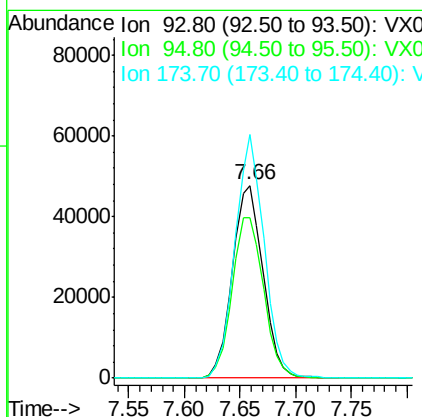
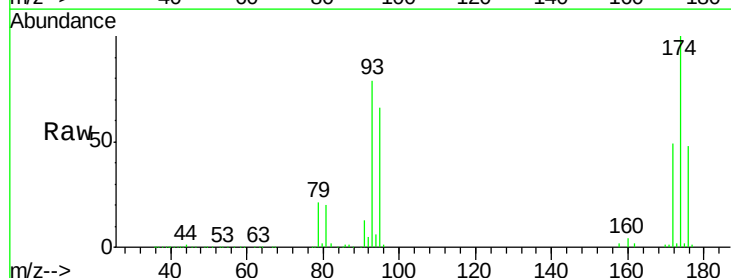
Manual Integrations
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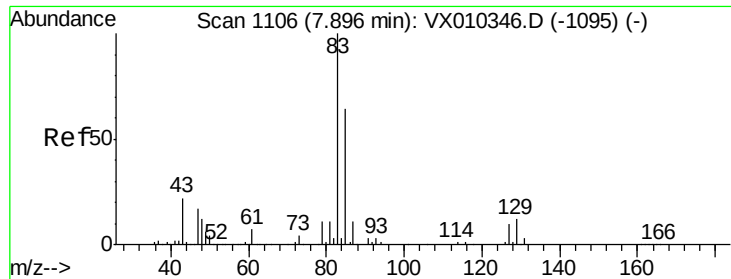
MMDadoda
 6/26/2019 8:49:42 AM



#46
 Dibromomethane
 Concen: 49.013 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion: 93 Resp: 91427
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 120.1 95.8 143.6





#47

Bromodichloromethane

Concen: 50.403 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

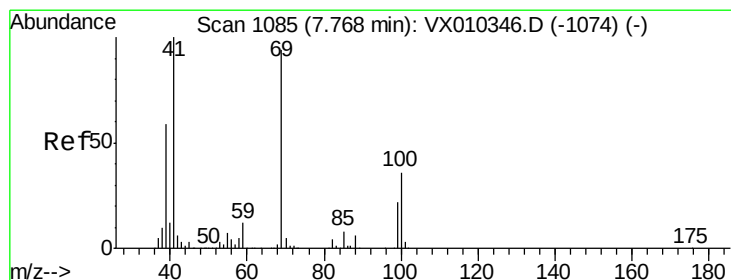
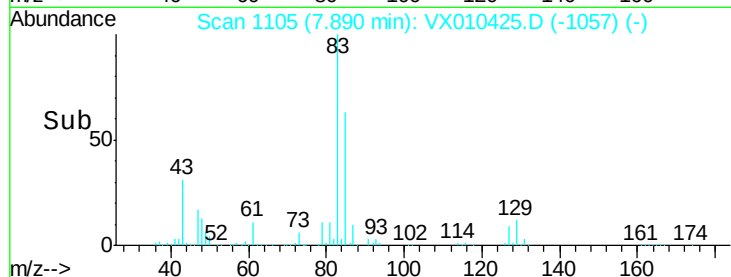
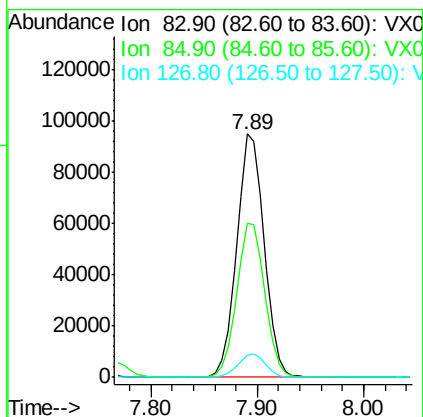
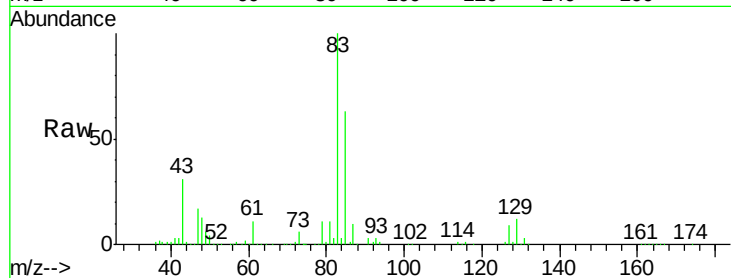
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	172305
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3
127	9.2	7.8	11.8

Manual Integrations
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MMDadoda
6/26/2019 8:49:42 AM



#48

Methyl methacrylate

Concen: 50.825 ug/l

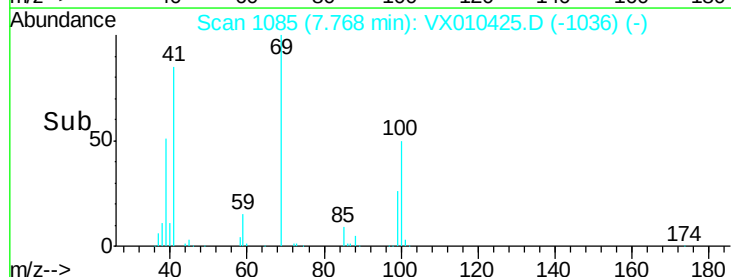
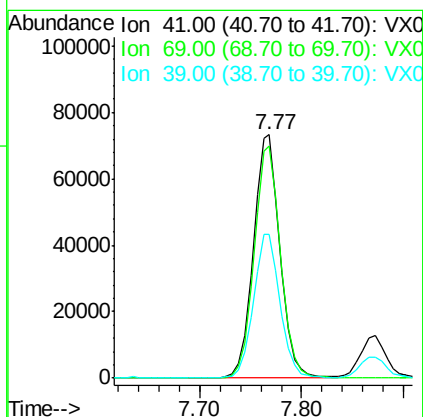
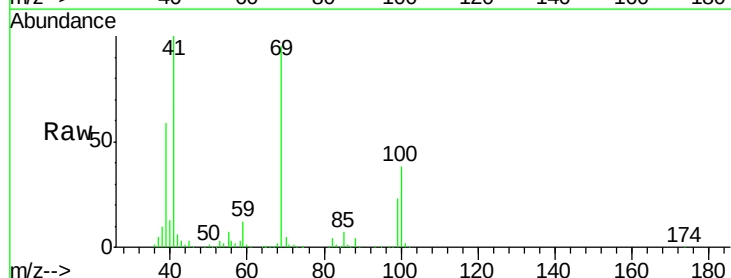
RT: 7.77 min Scan# 1085

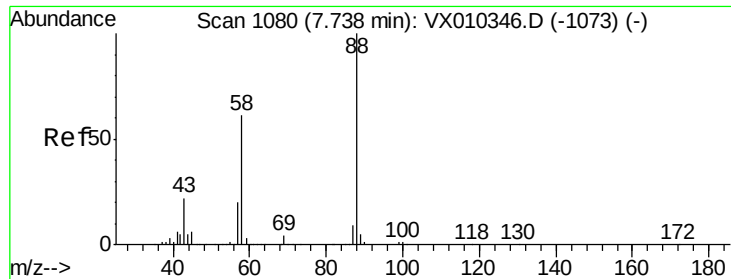
Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	41	Resp:	132880
Ion	Ratio	Lower	Upper
41	100		
69	95.5	76.1	114.1
39	59.0	47.6	71.4





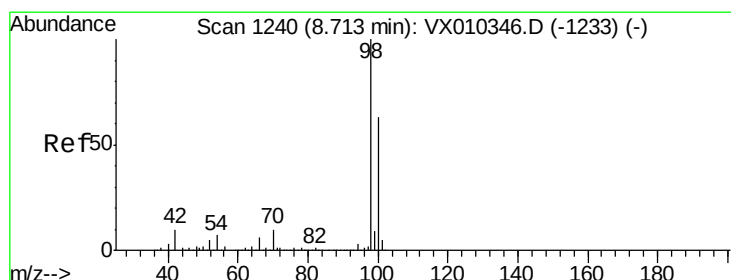
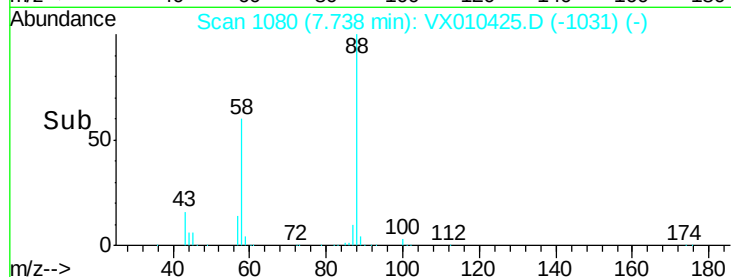
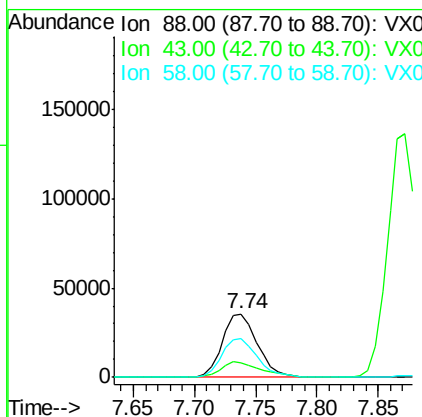
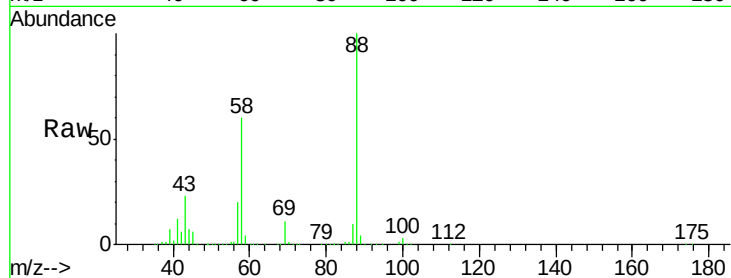
#49
1,4-Dioxane
Concen: 942.072 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.7	20.2	30.2
58	62.8	49.5	74.3

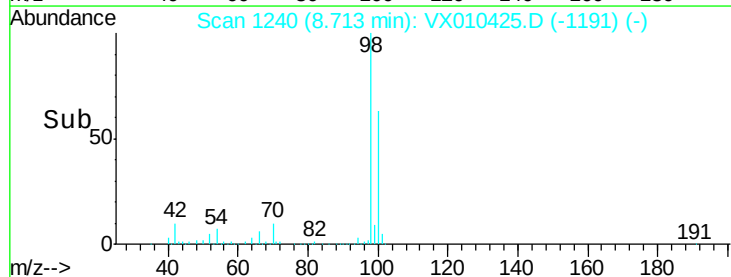
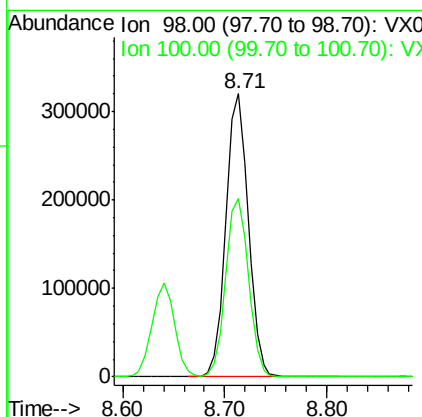
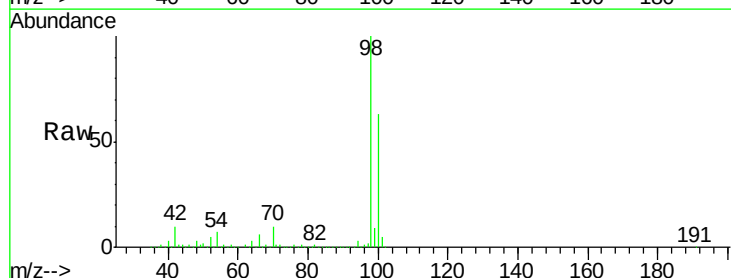
Manual Integrations
APPROVED

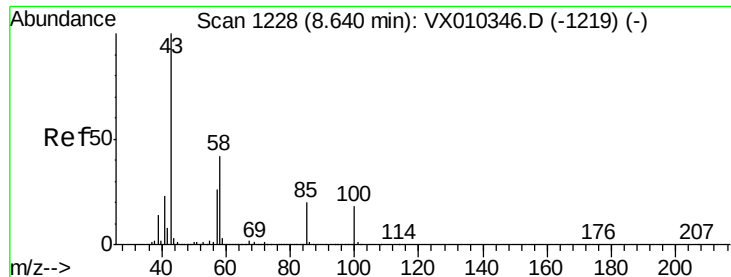
MMDadoda
6/26/2019 8:49:42 AM



#50
Toluene-d8
Concen: 49.943 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 249.523 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 897626

Ion Ratio Lower Upper

43 100

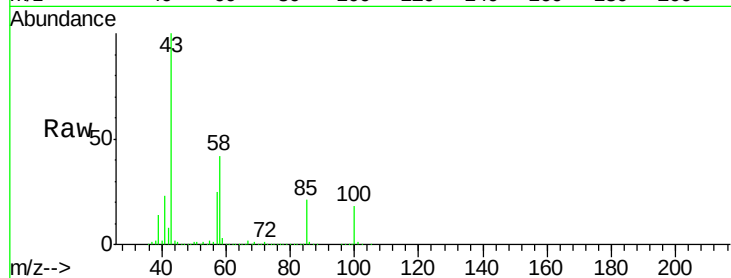
58 41.3 33.5 50.3

Manual Integrations

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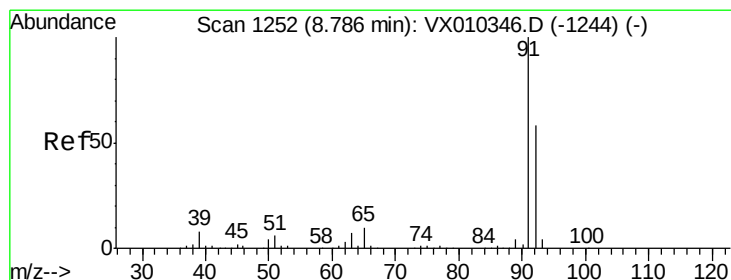
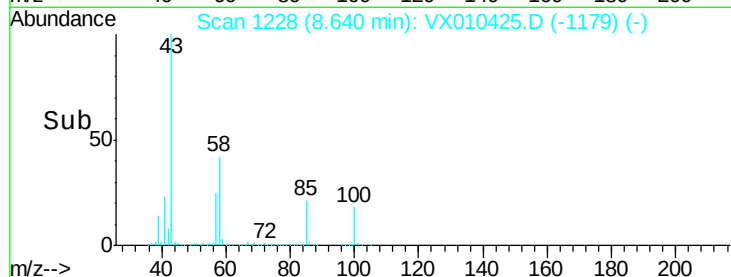
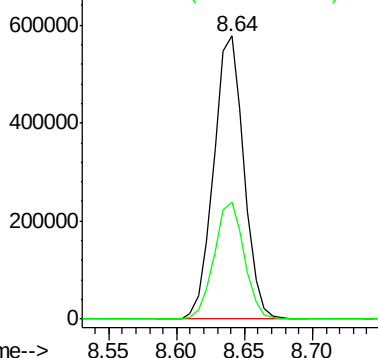
MMDadoda

6/26/2019 8:49:42 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.153 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010425.D

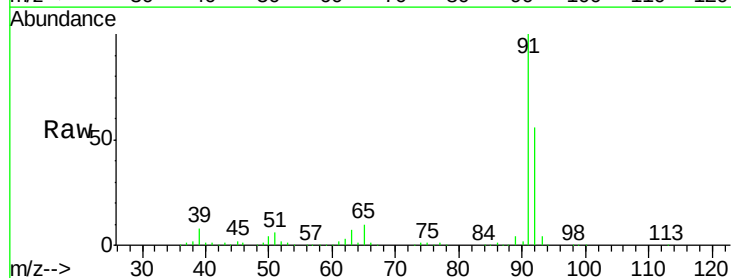
Acq: 25 Jun 2019 09:16

Tgt Ion: 92 Resp: 333259

Ion Ratio Lower Upper

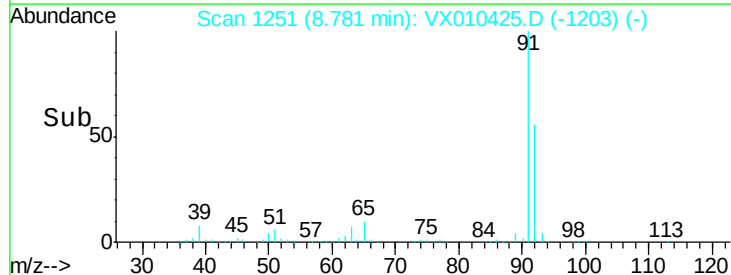
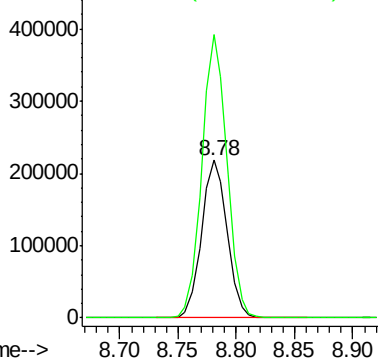
92 100

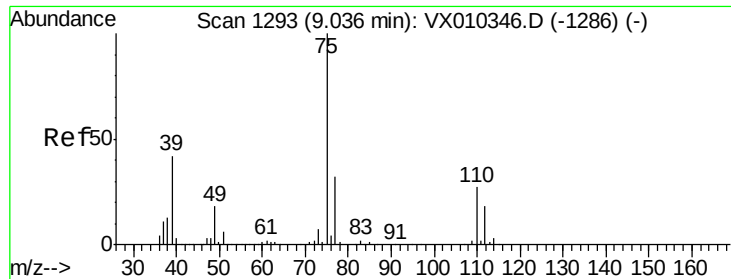
91 176.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





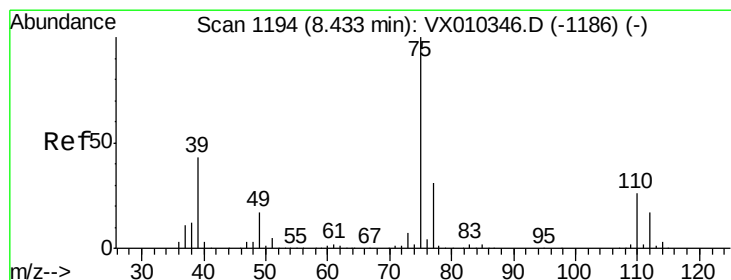
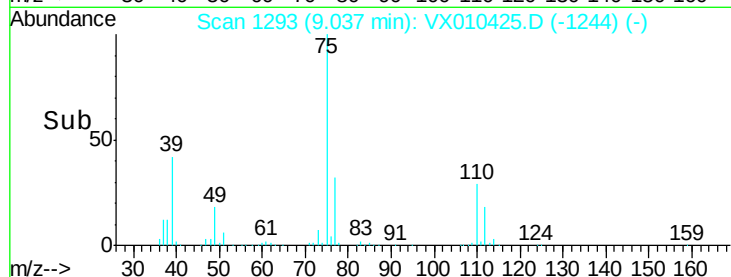
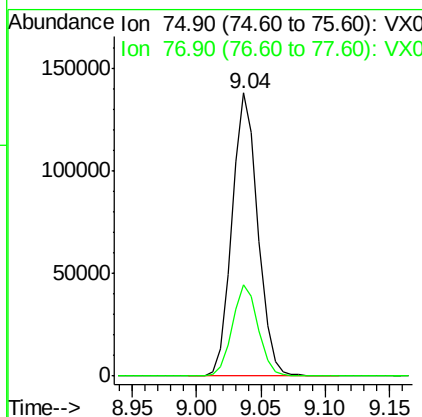
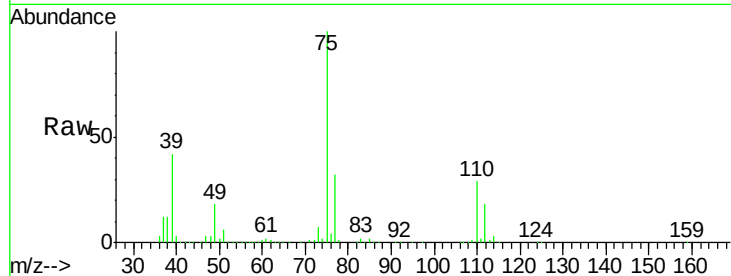
#53
 t-1,3-Dichloropropene
 Concen: 50.430 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2

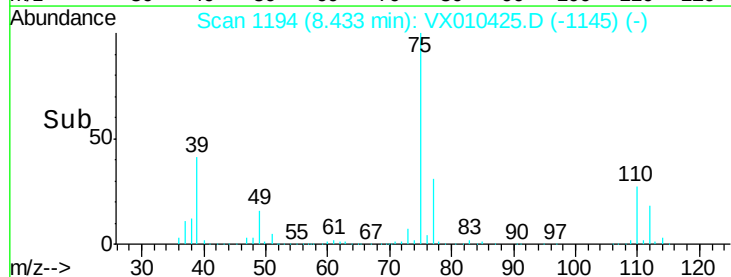
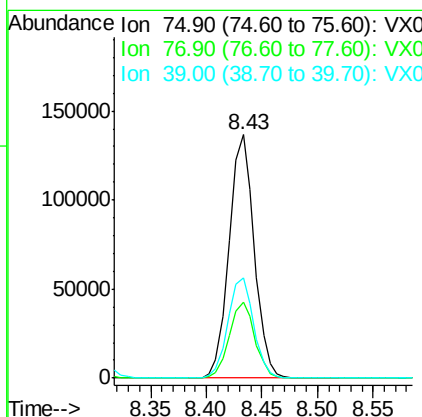
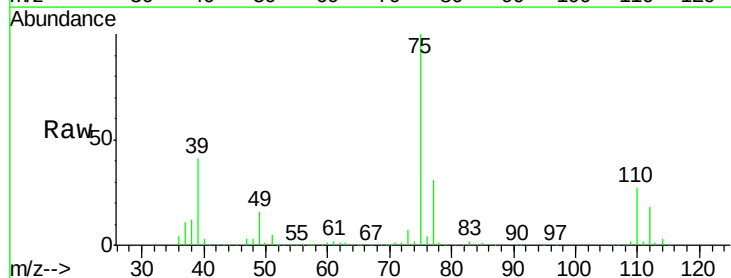
Manual Integrations
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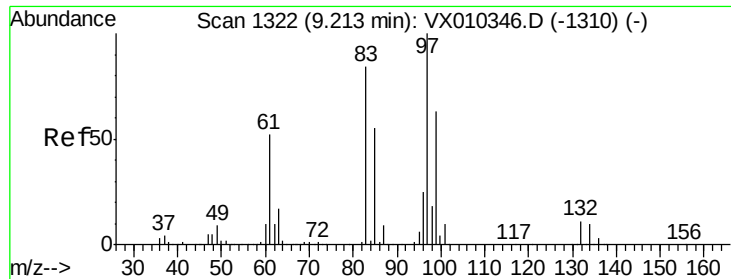
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 51.296 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8
39	41.2	34.5	51.7





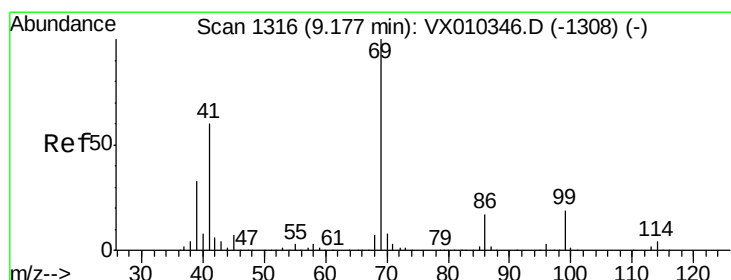
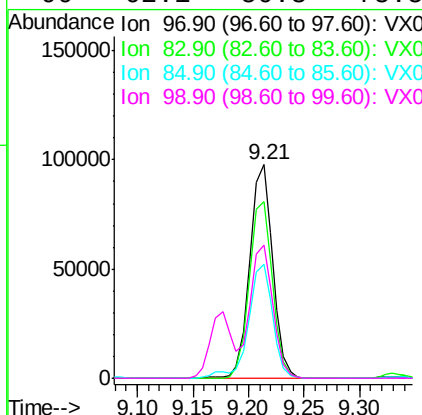
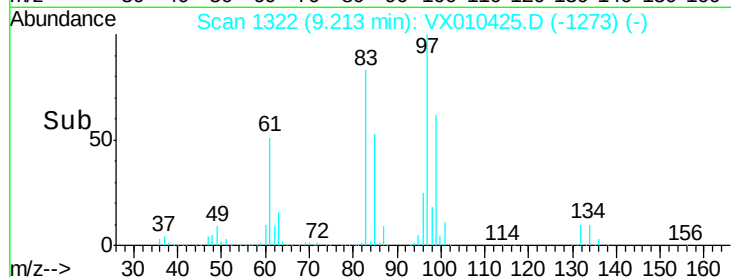
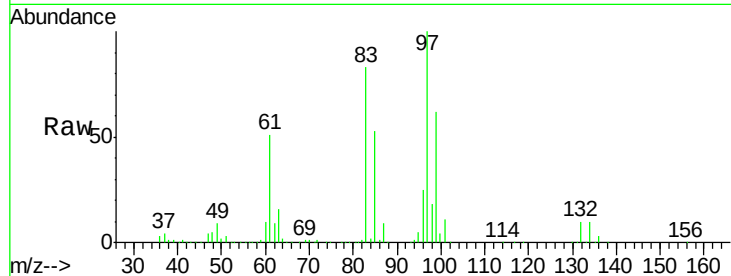
#55
 1,1,2-Trichloroethane
 Concen: 50.267 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		140558		
83	82.8	67.4	101.0		
85	53.2	43.8	65.8		
99	62.1	50.3	75.5		

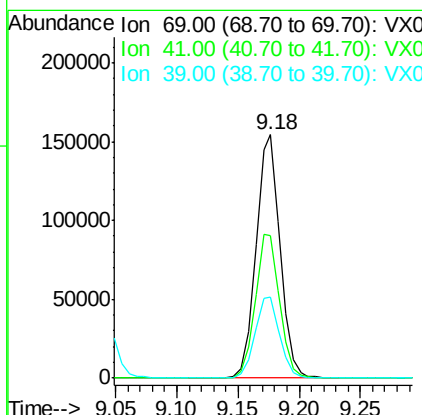
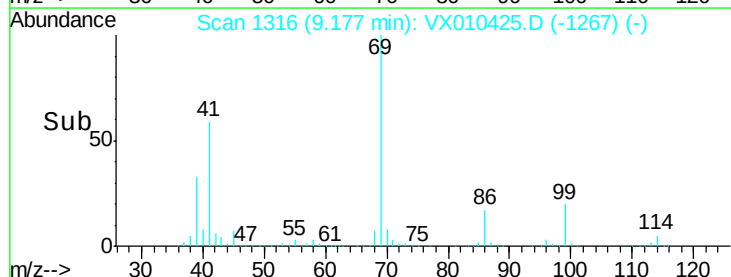
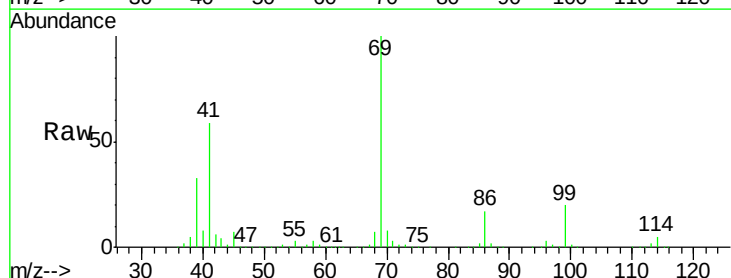
Manual Integrations
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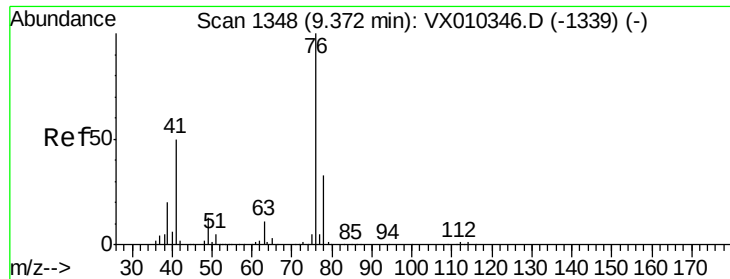
MMDadoda
 6/26/2019 8:49:42 AM



#56
 Ethyl methacrylate
 Concen: 50.011 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		211842		
41	59.9	47.1	70.7		
39	34.3	26.6	40.0		





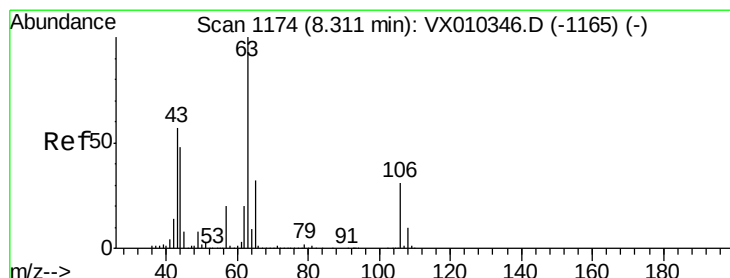
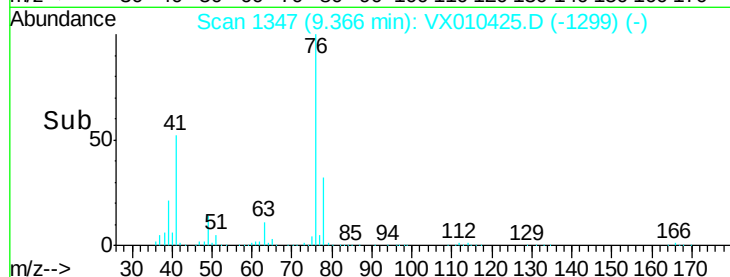
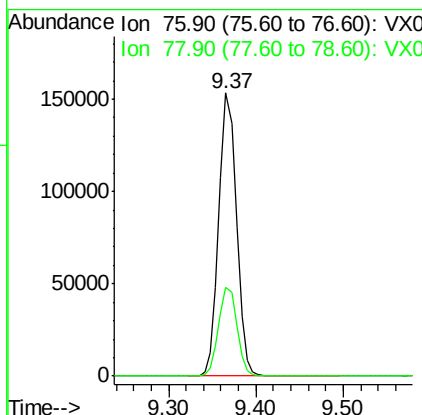
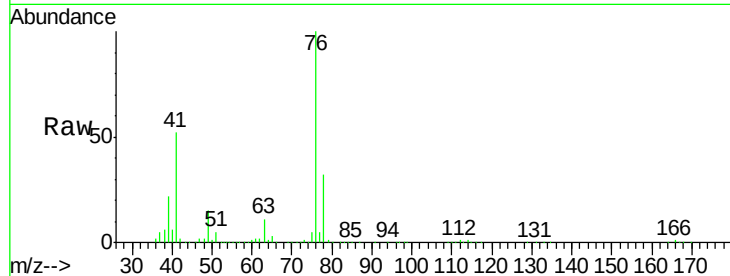
#57
 1,3-Dichloropropane
 Concen: 49.598 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

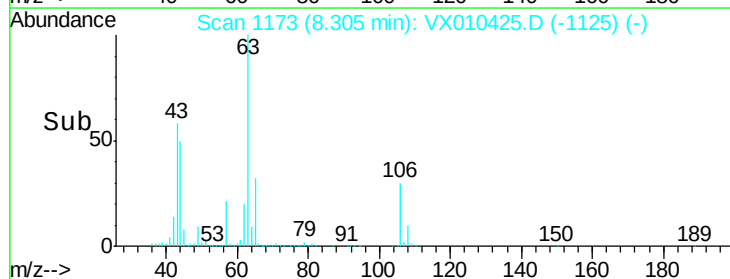
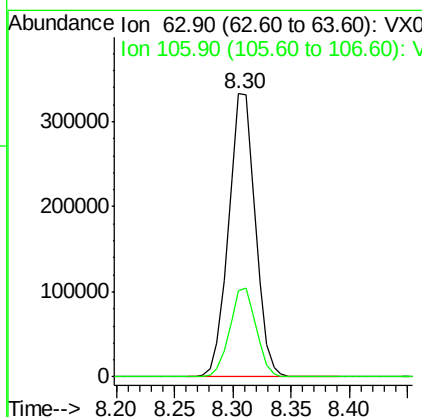
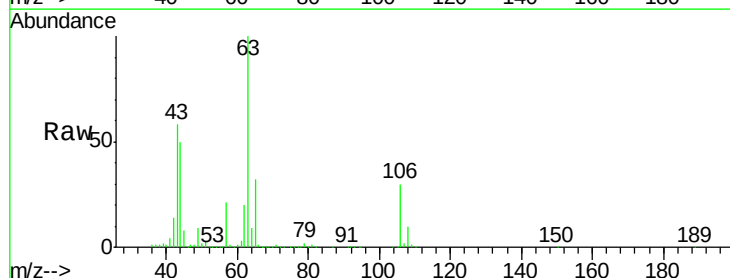
Manual Integrations
 APPROVED

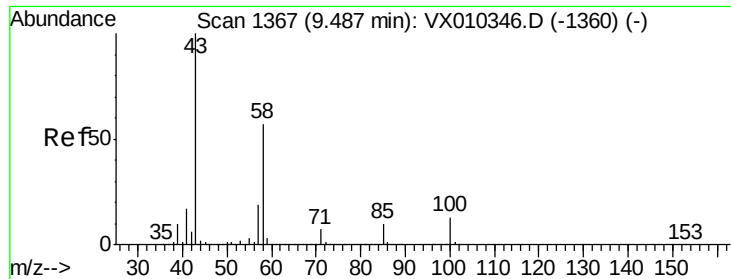
MMDadoda
 6/26/2019 8:49:42 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.876 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.7	37.1





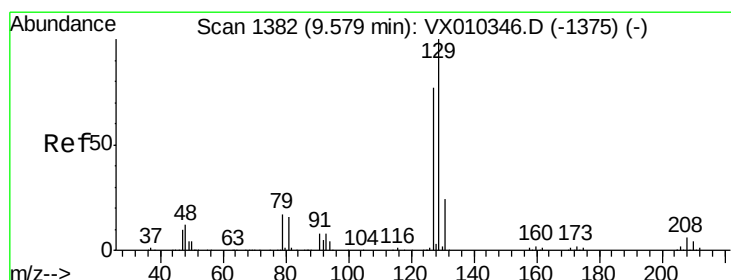
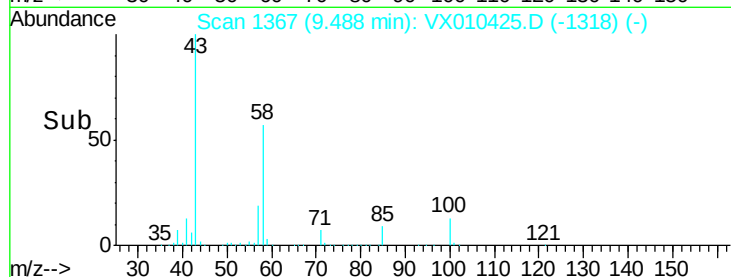
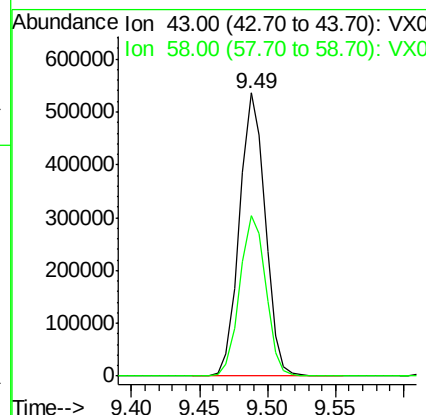
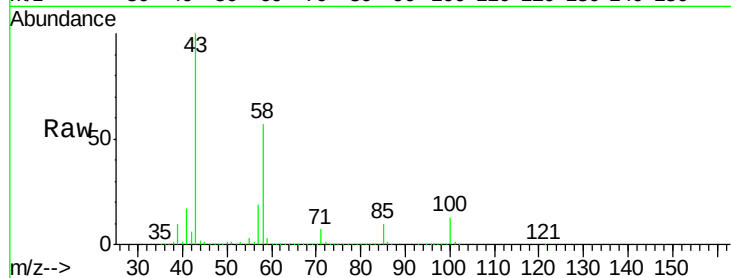
#59
2-Hexanone
Concen: 250.549 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 709369
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.1

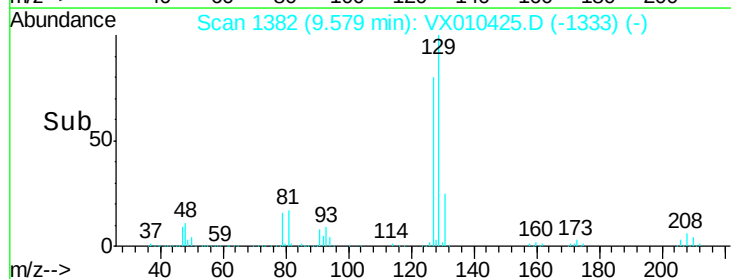
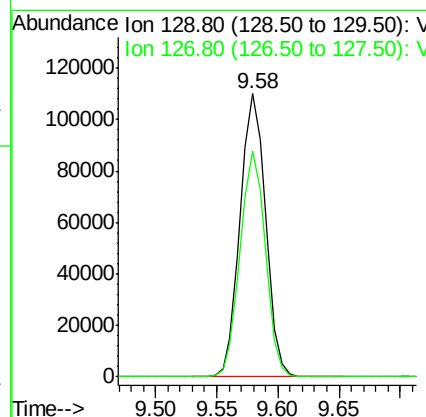
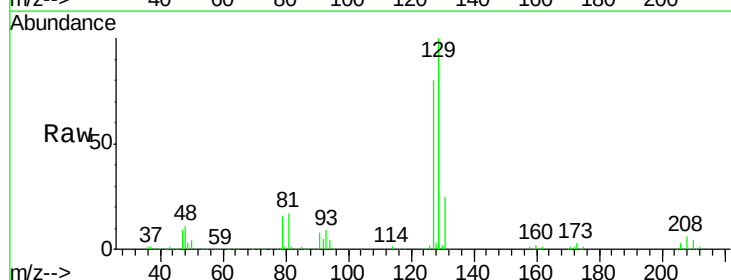
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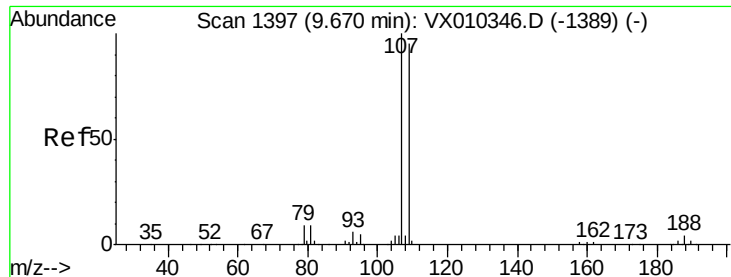
MMDadoda
6/26/2019 8:49:42 AM



#60
Dibromochloromethane
Concen: 50.594 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 129 Resp: 158402
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.122 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 151278

Ion Ratio Lower Upper

107 100

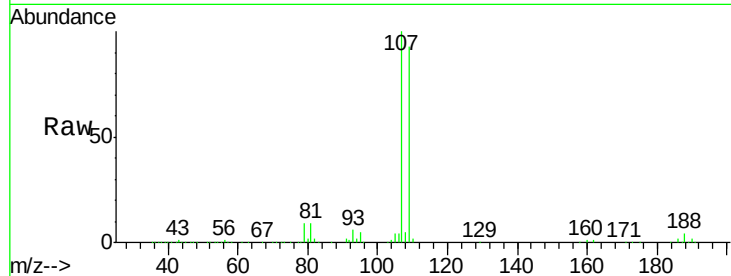
109 94.1 75.8 113.6

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

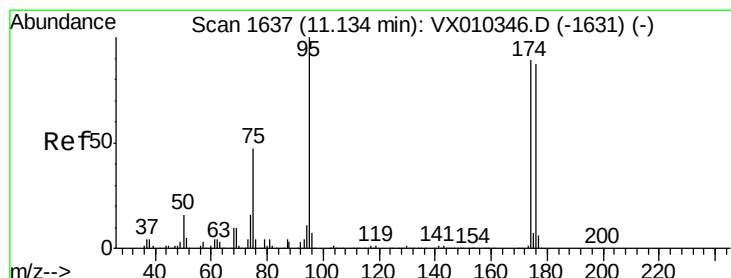
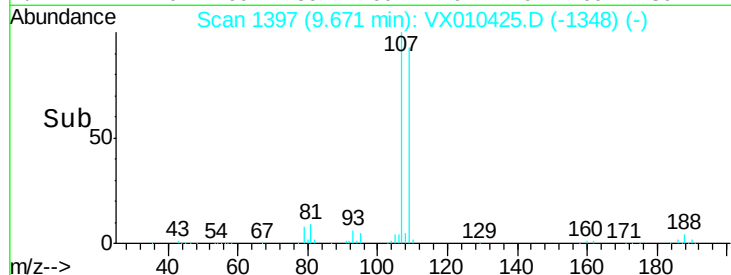
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.221 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

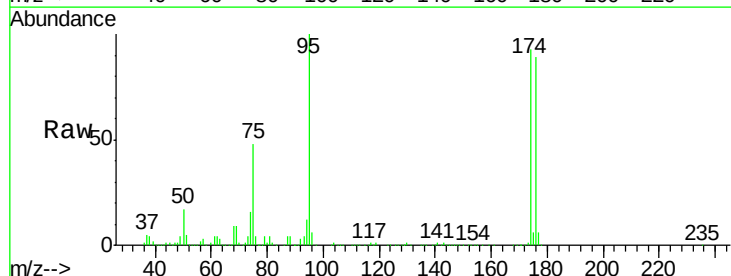
Tgt Ion: 95 Resp: 176496

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.6

176 91.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

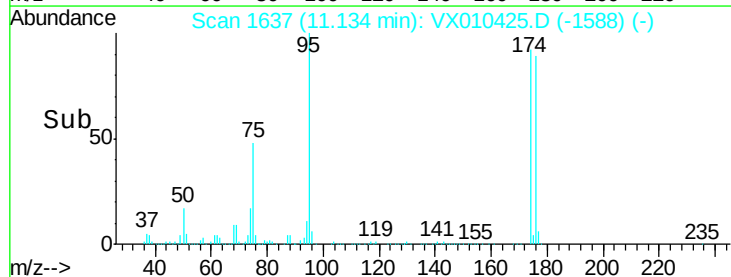
150000

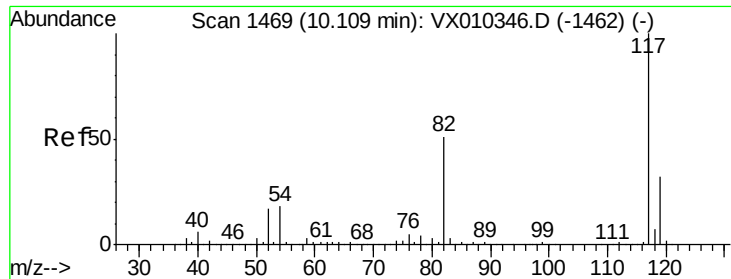
100000

50000

0

Time-->





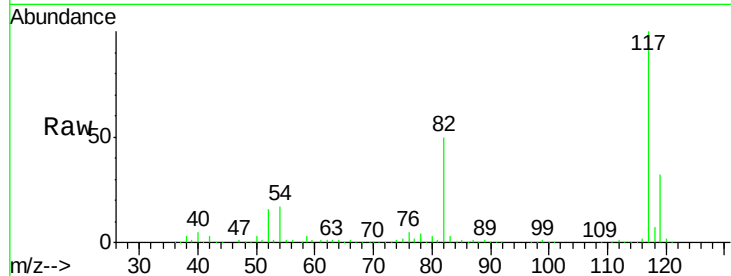
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

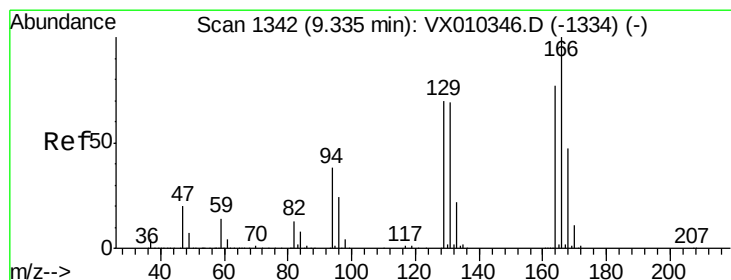
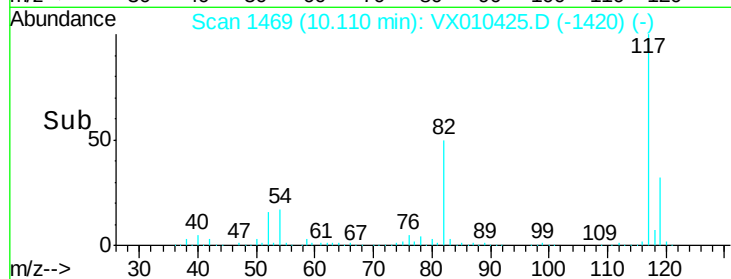
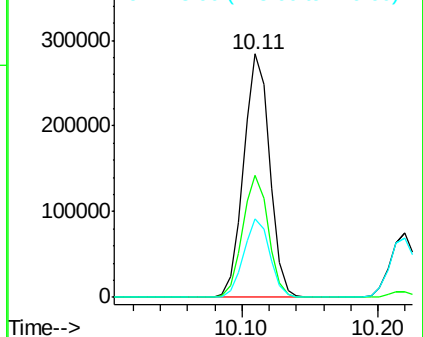
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.2	61.8
119	32.3	25.5	38.3

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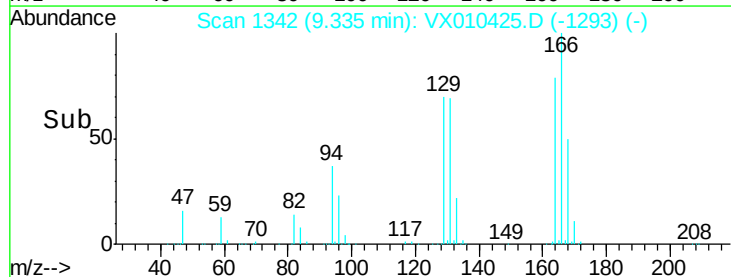
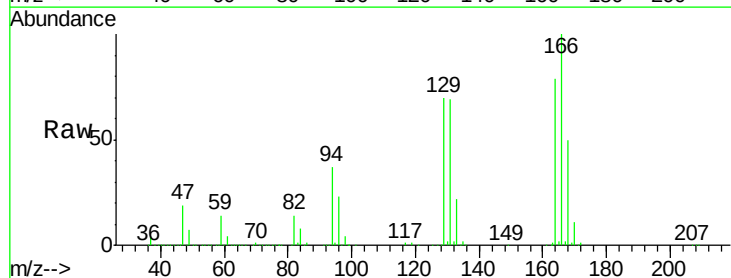
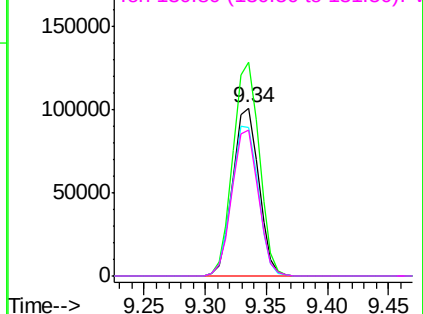
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

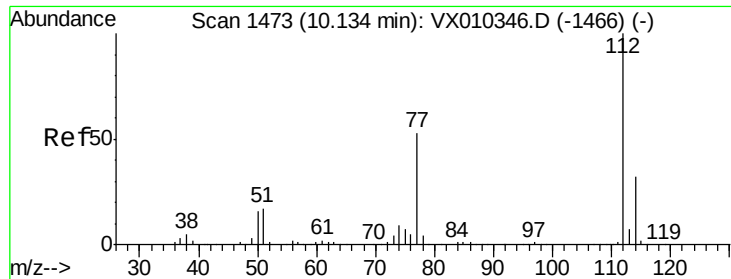


#64
Tetrachloroethene
Concen: 48.340 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	103.6	155.4
129	88.7	73.0	109.4
131	87.2	71.0	106.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





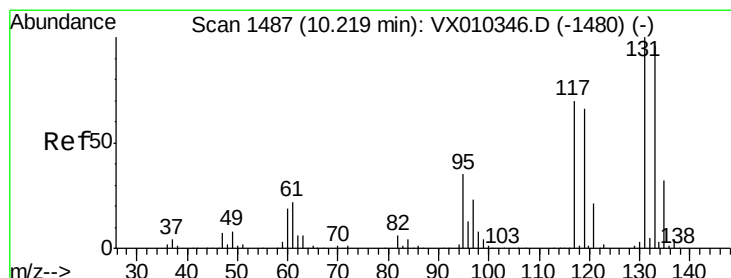
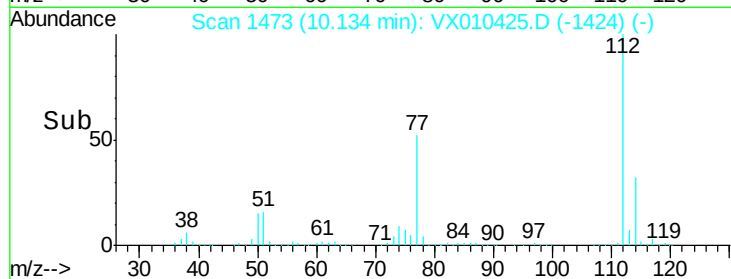
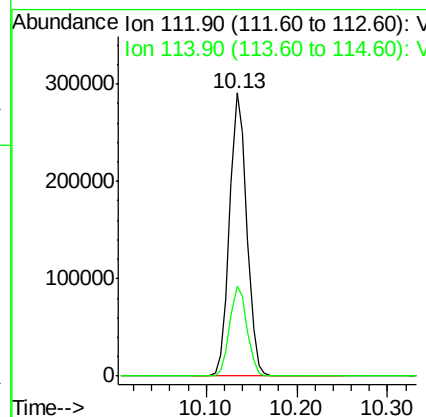
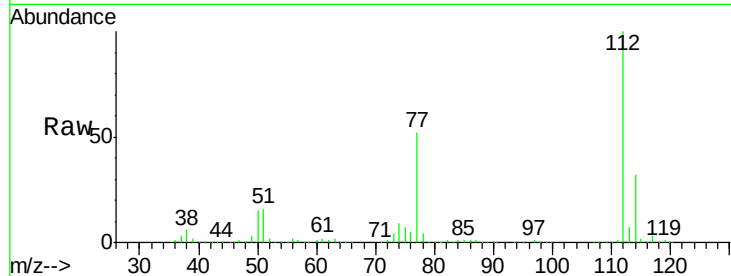
#65
Chlorobenzene
Concen: 49.742 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 383463
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

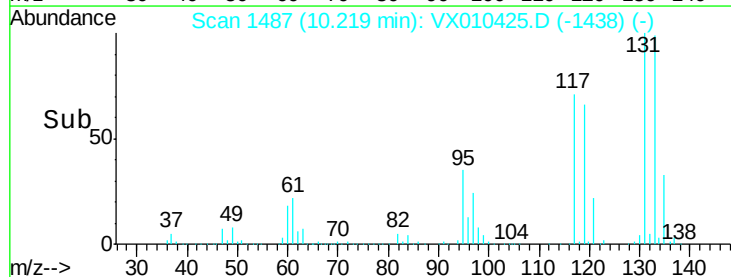
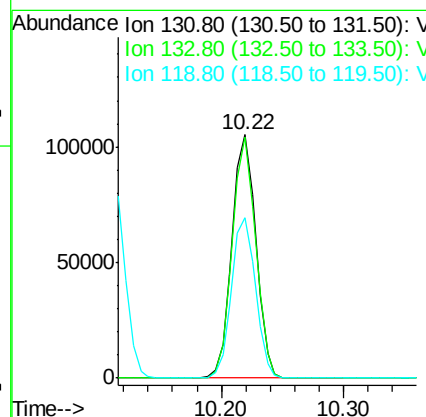
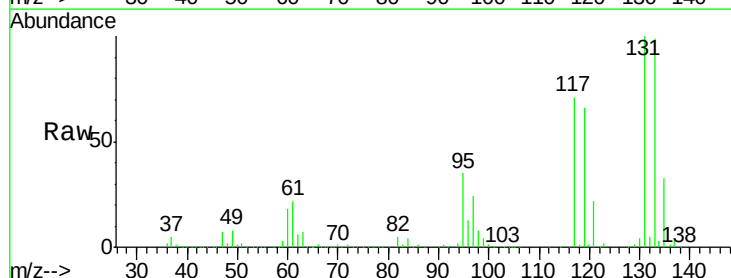
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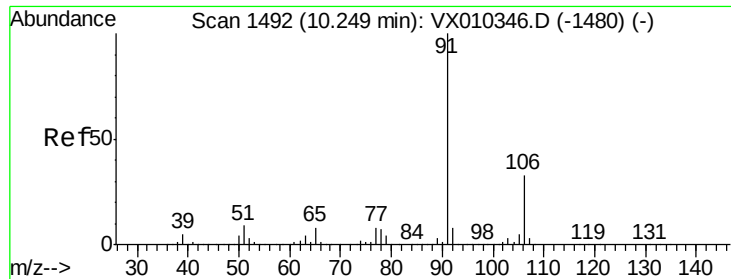
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.718 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion:131 Resp: 142418
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 66.0 32.6 97.7





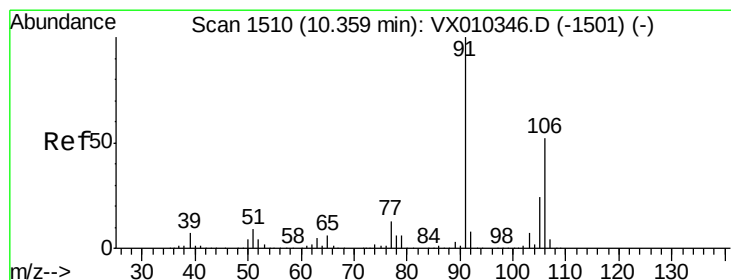
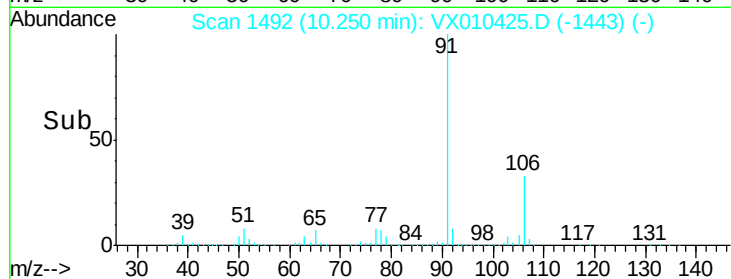
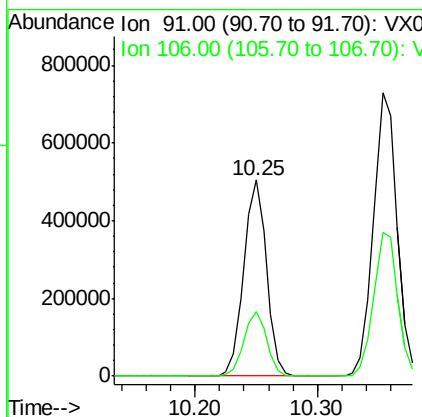
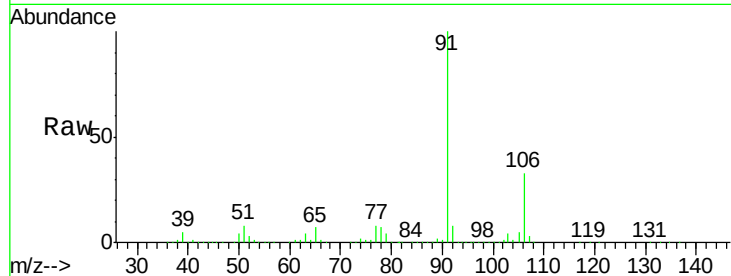
#67
Ethyl Benzene
Concen: 50.070 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 651634
Ion Ratio Lower Upper
91 100
106 33.0 26.2 39.2

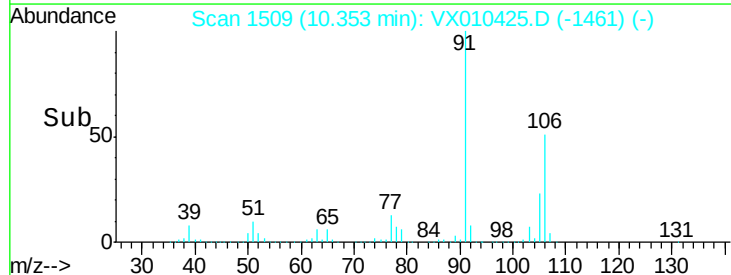
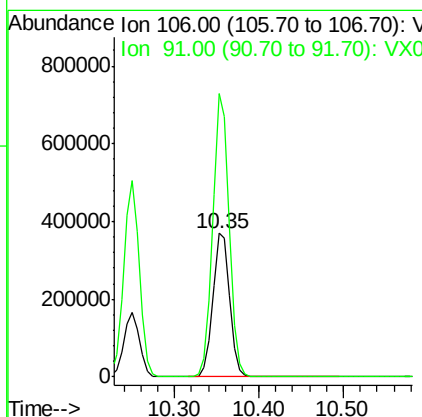
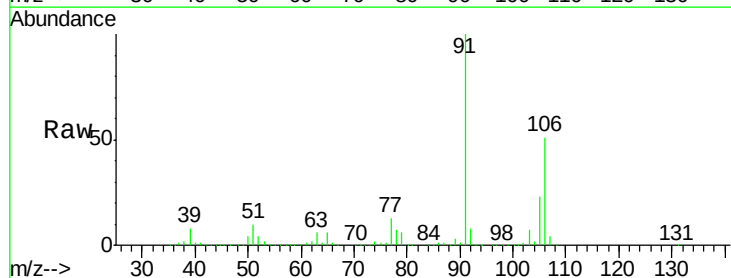
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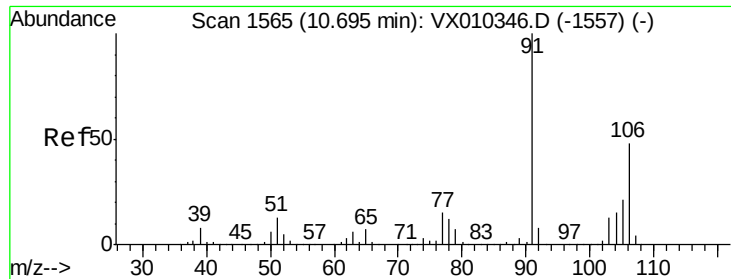
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6/26/2019 8:49:42 AM



#68
m/p-Xylenes
Concen: 101.081 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion: 106 Resp: 509730
Ion Ratio Lower Upper
106 100
91 192.5 155.3 232.9





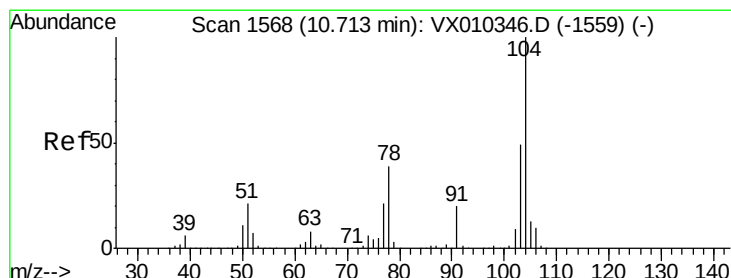
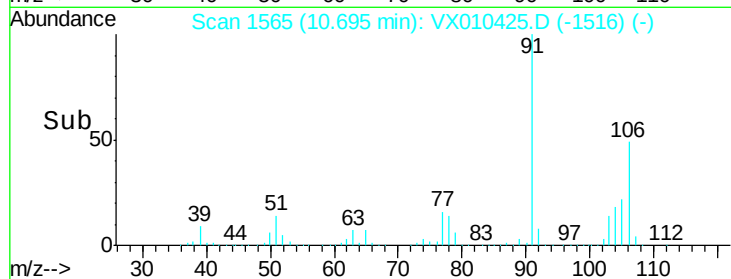
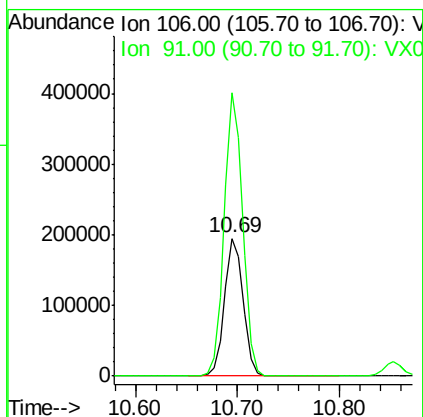
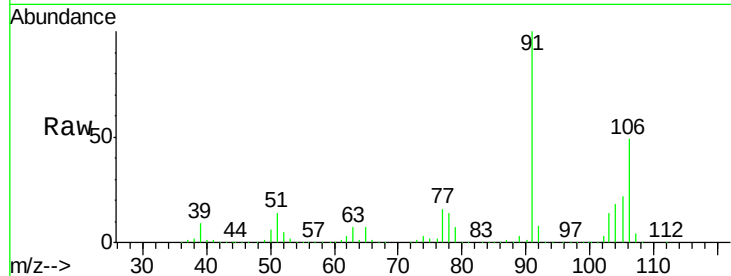
#69
o-Xylene
Concen: 49.813 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.5	102.7	308.1	

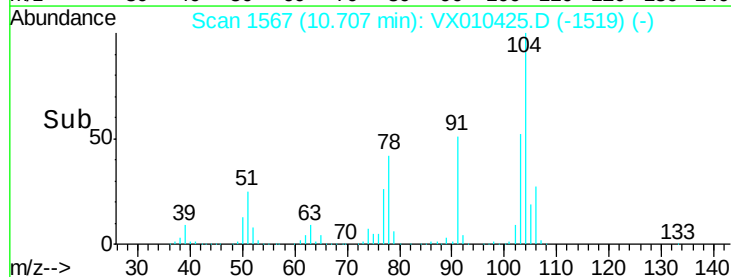
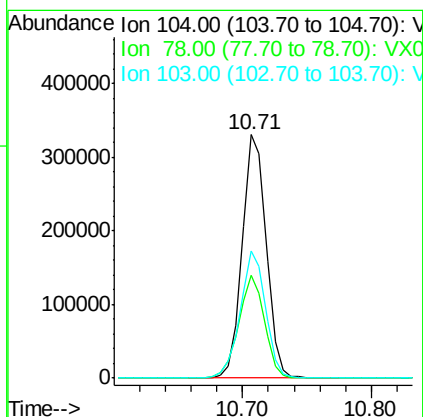
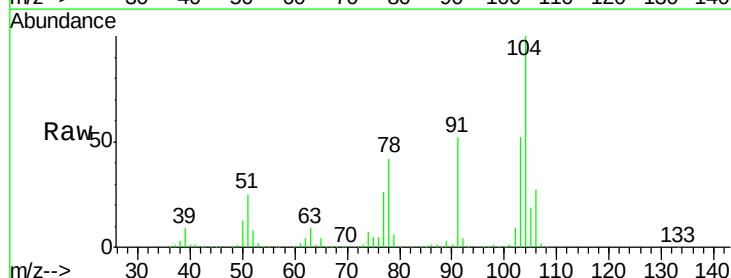
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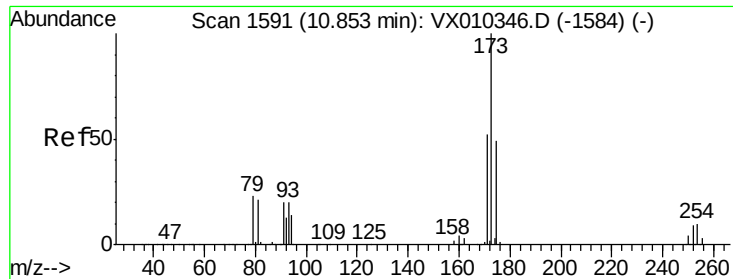
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#70
Styrene
Concen: 51.009 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	45.7	36.2	54.2	
103	55.3	44.2	66.4	





#71

Bromoform

Concen: 52.420 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 128007

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

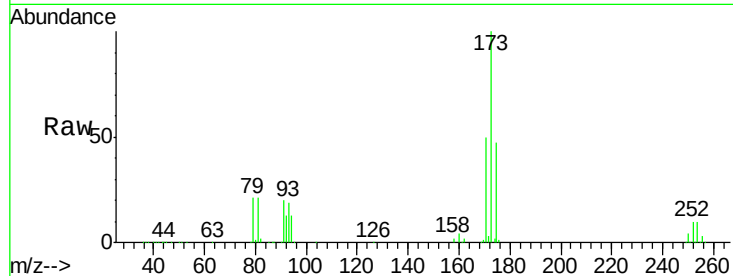
254 0.1 0.2 0.2#

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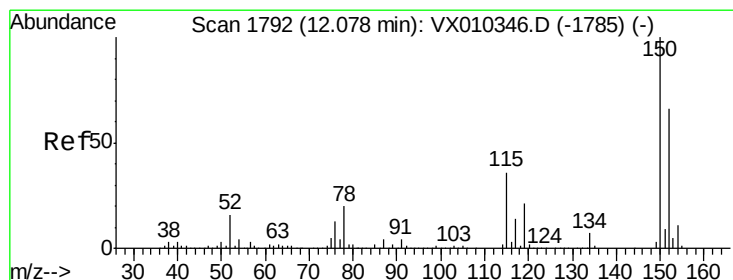
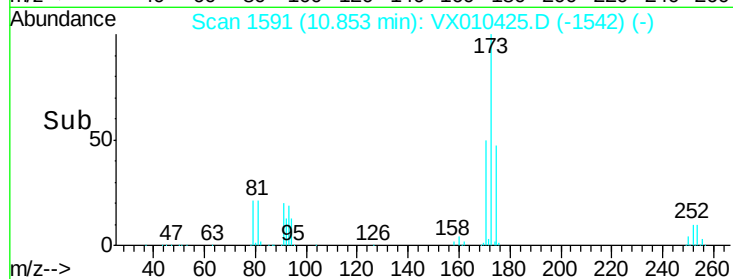
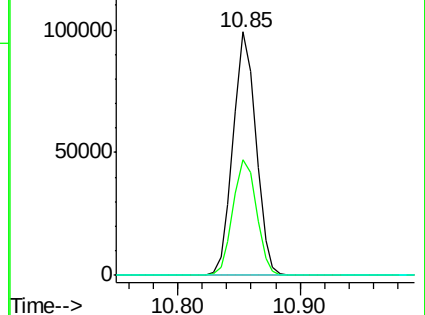
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

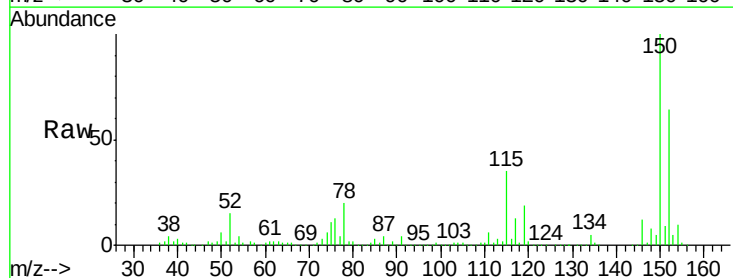
Tgt Ion:152 Resp: 197034

Ion Ratio Lower Upper

152 100

115 77.5 38.6 115.7

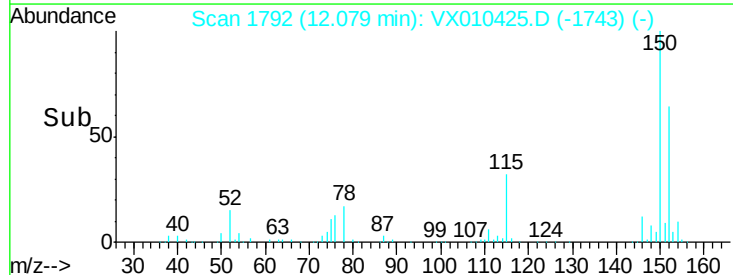
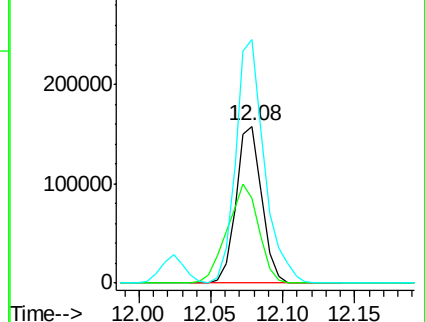
150 172.5 0.0 347.4

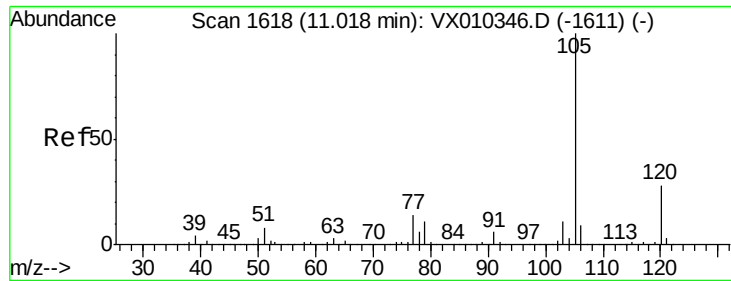


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.035 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 668294

Ion Ratio Lower Upper

105 100

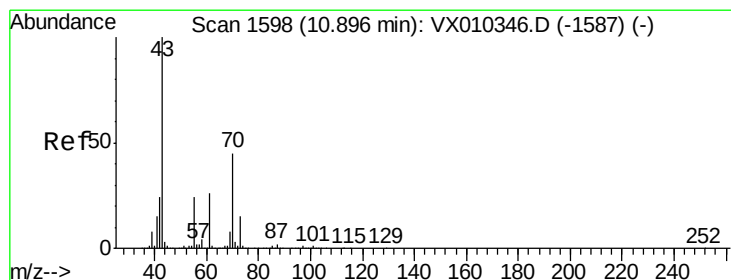
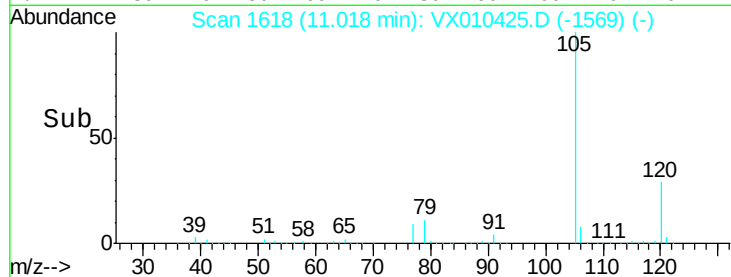
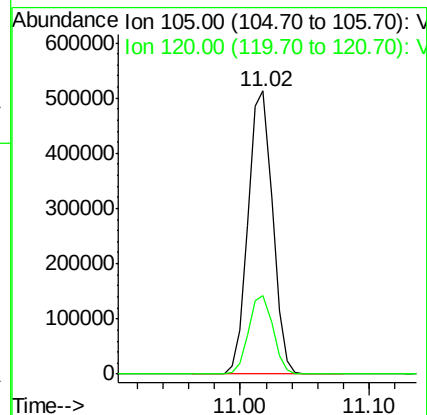
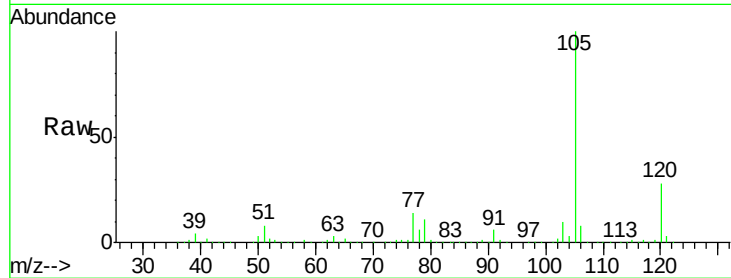
120 27.8 14.1 42.4

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6/26/2019 8:49:42 AM



#74

N-ethyl acetate

Concen: 50.078 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion: 43 Resp: 252781

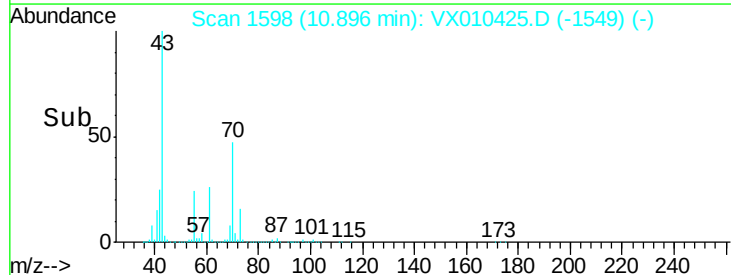
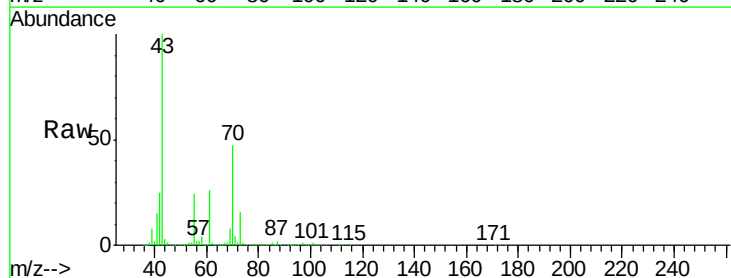
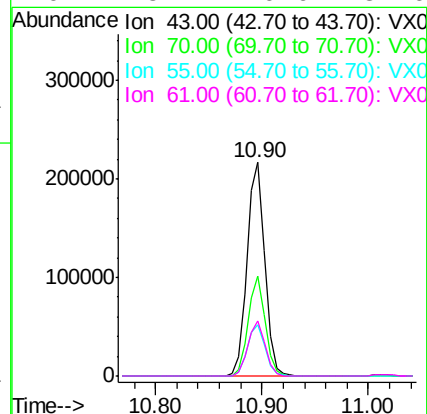
Ion Ratio Lower Upper

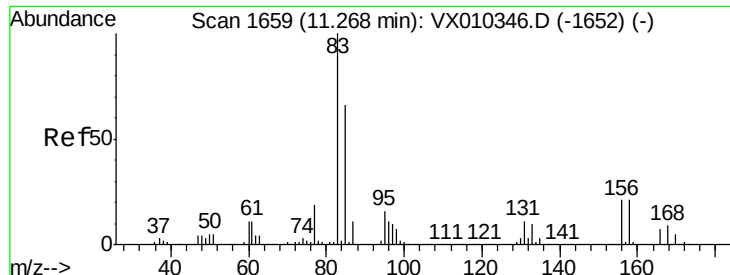
43 100

70 45.2 36.6 54.8

55 24.0 18.7 28.1

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.720 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

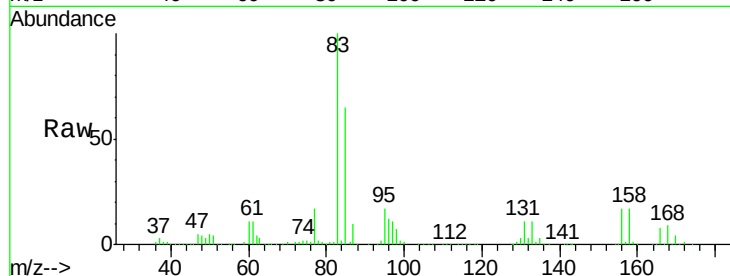
ClientSampleId :

VSTDCCC050

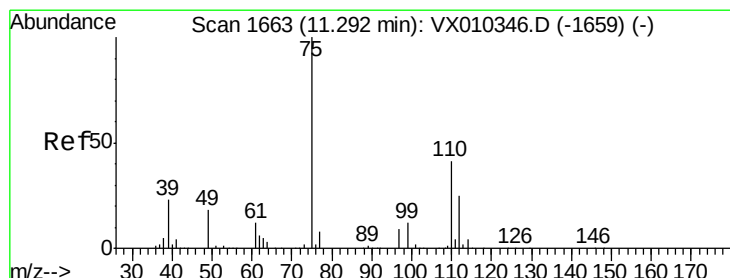
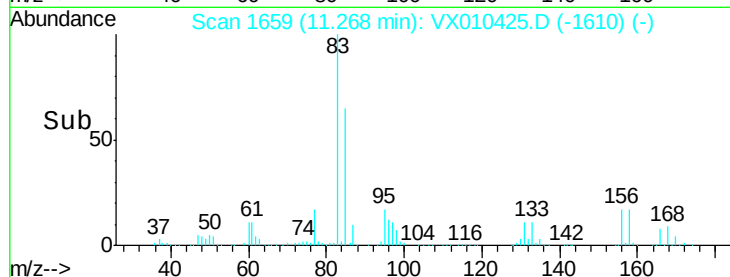
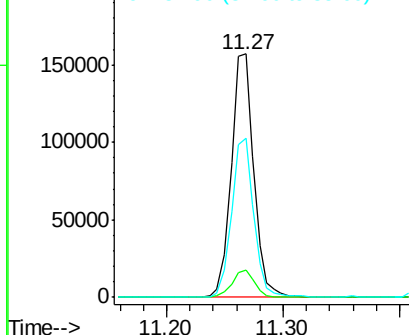
Tot Ion:	83	Resp:	211081
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.5	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): VX0
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.093 ug/l m

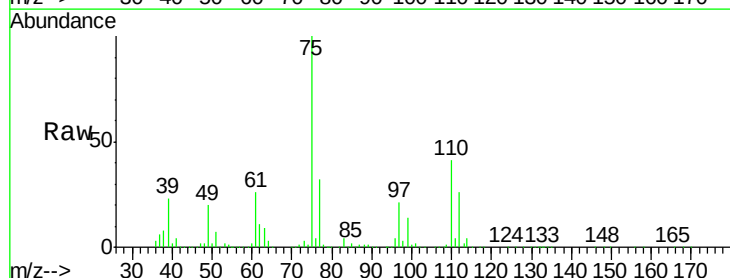
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

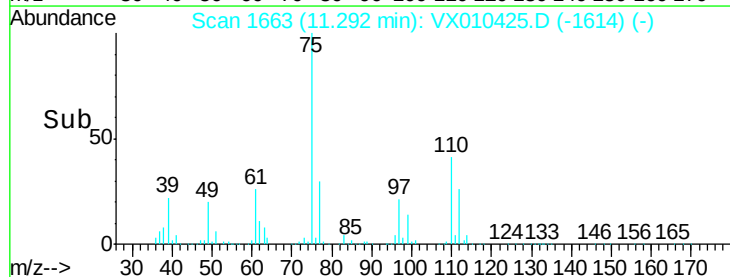
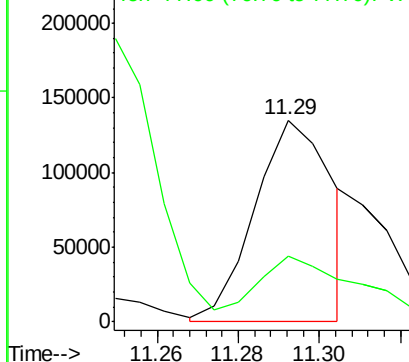
Lab File: VX010425.D

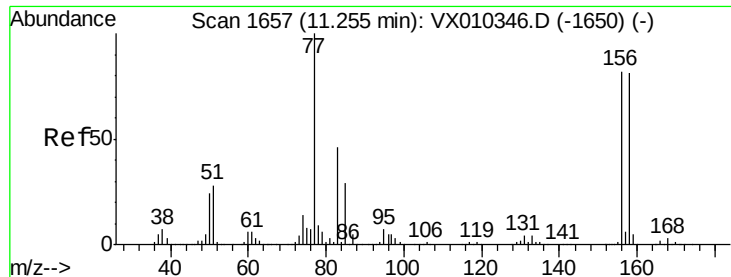
Acq: 25 Jun 2019 09:16

Tgt Ion:	75	Resp:	179856
Ion Ratio	Lower	Upper	
75	100		
77	43.1	22.6	67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.722 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

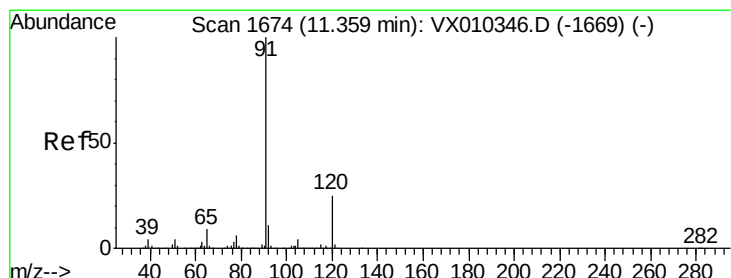
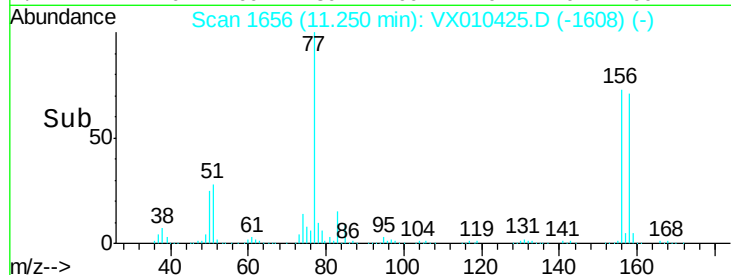
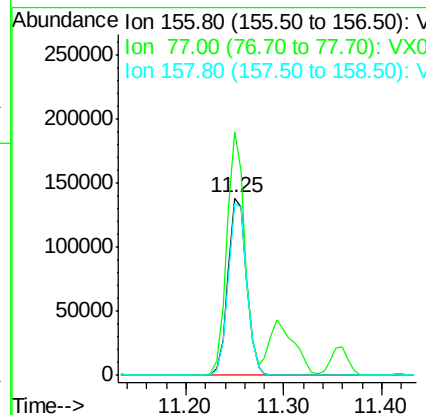
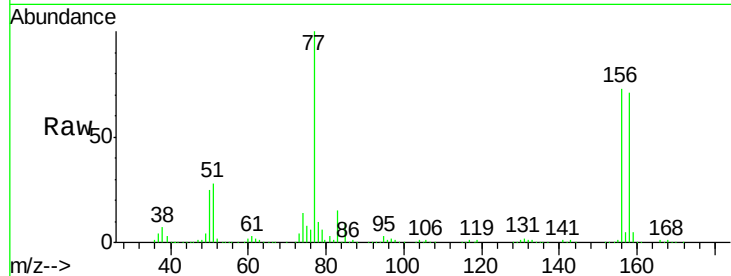
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	181708
Ion Ratio	Lower	Upper	
156	100		
77	132.4	66.3	198.7
158	97.7	48.9	146.7

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#78

n-propylbenzene

Concen: 51.152 ug/l

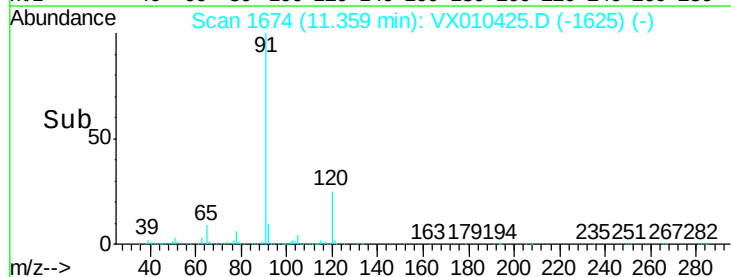
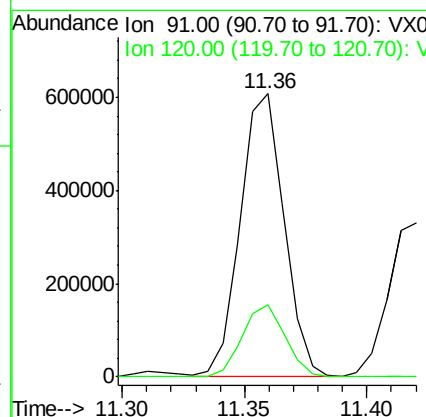
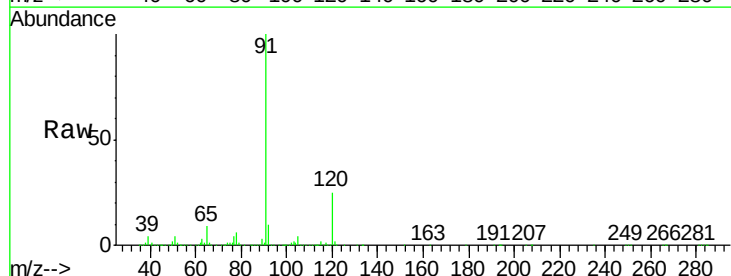
RT: 11.36 min Scan# 1674

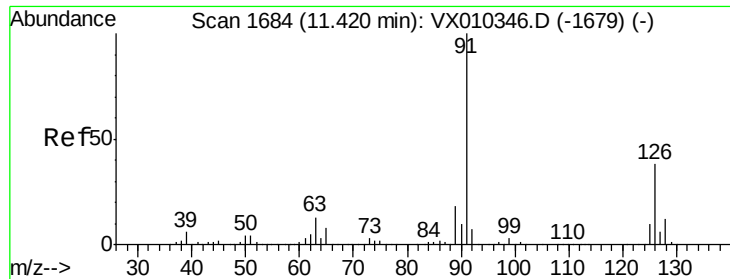
Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	91	Resp:	750881
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.4	37.4





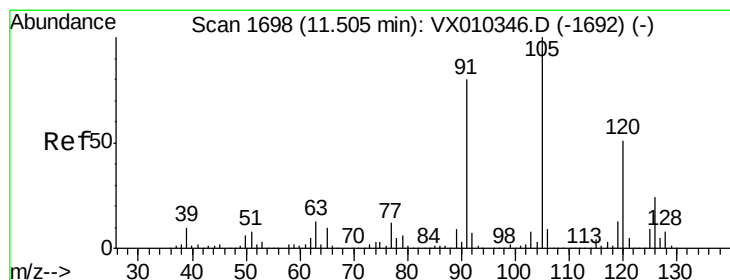
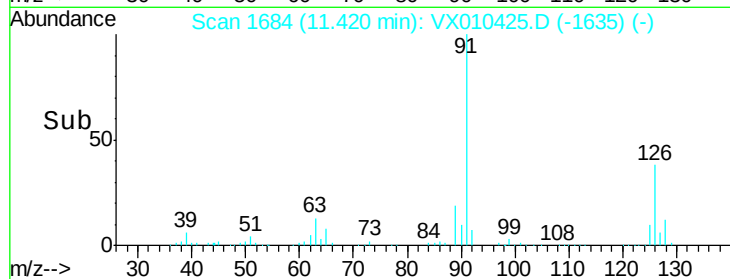
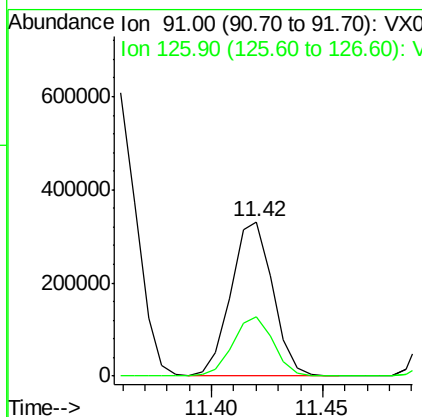
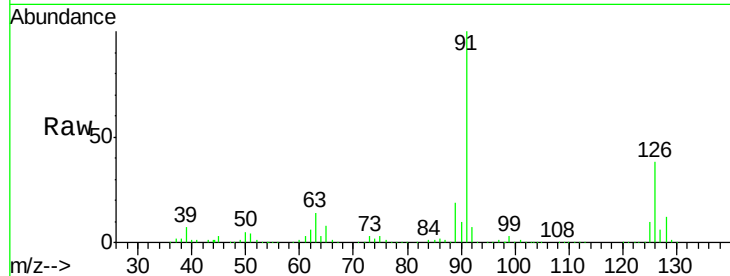
#79
 2-Chlorotoluene
 Concen: 49.362 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 431480
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.7 56.1

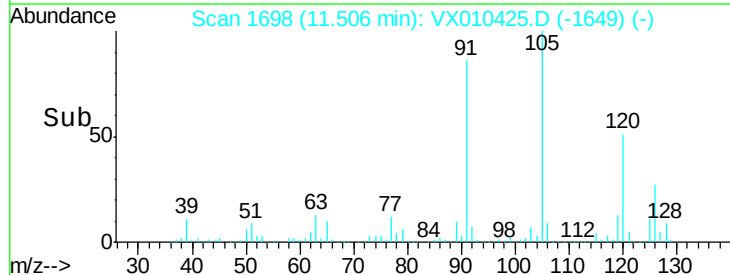
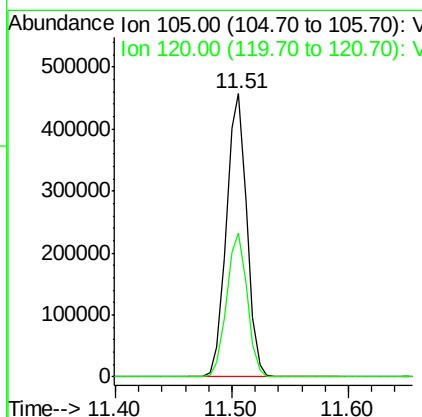
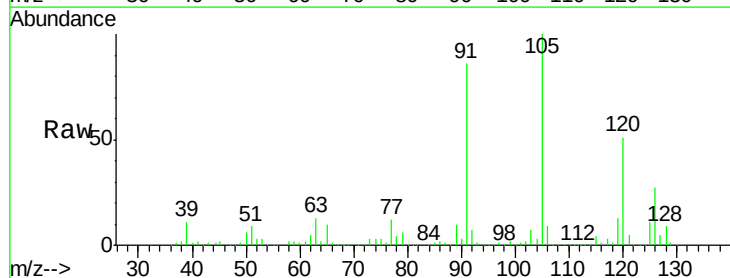
Manual Integrations
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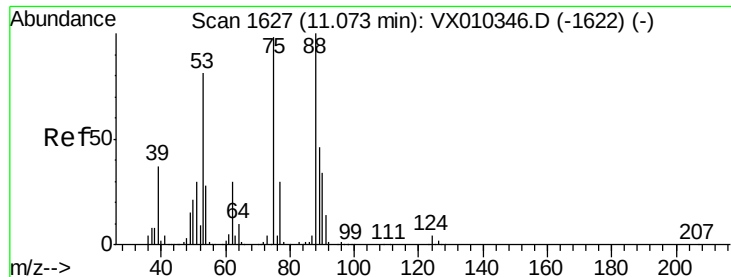
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.071 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion: 105 Resp: 551322
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.2 75.6





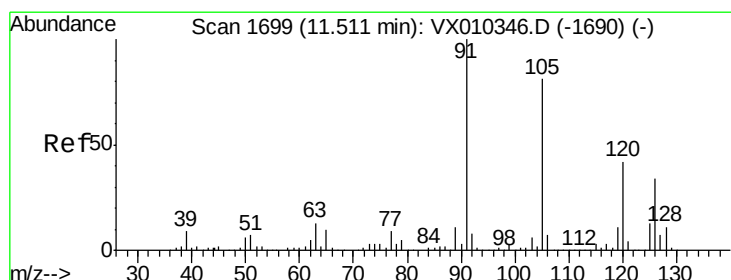
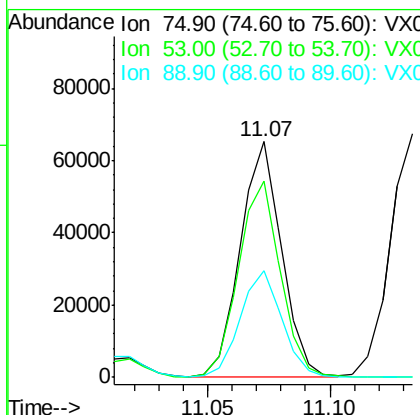
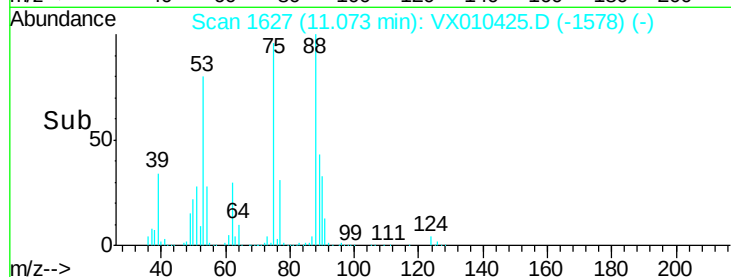
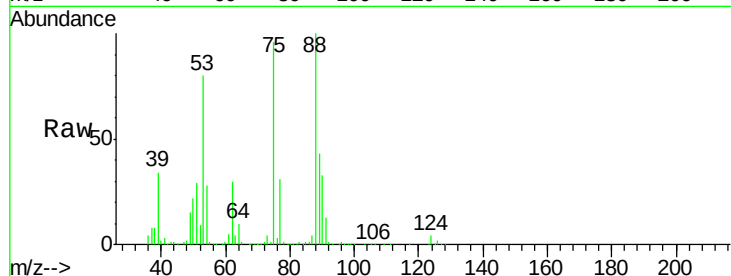
#81
trans-1,4-Dichloro-2-butene
Concen: 49.265 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.1	66.1	99.1
89	46.2	37.8	56.6

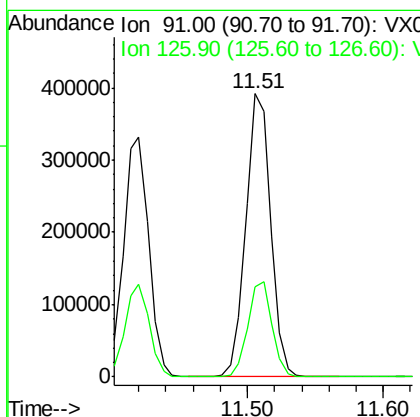
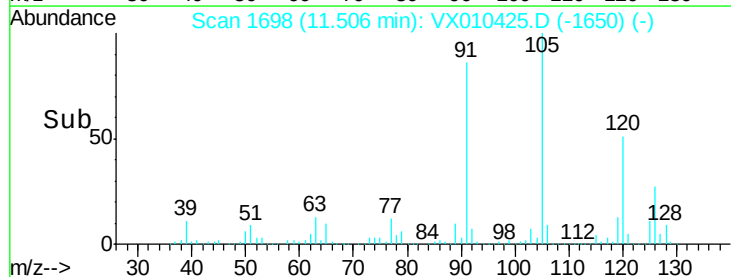
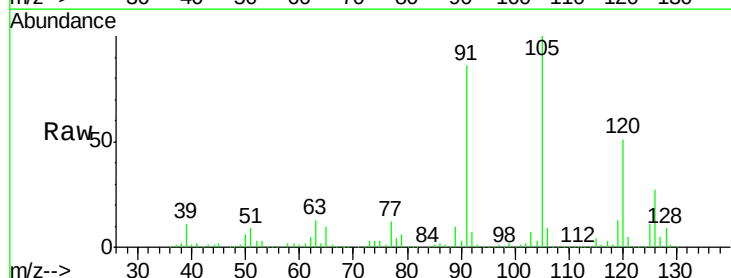
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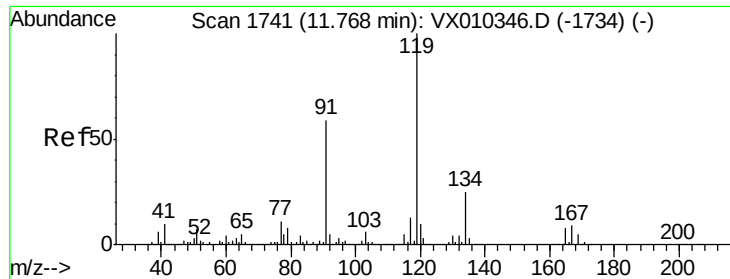
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.399 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010425.D
Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





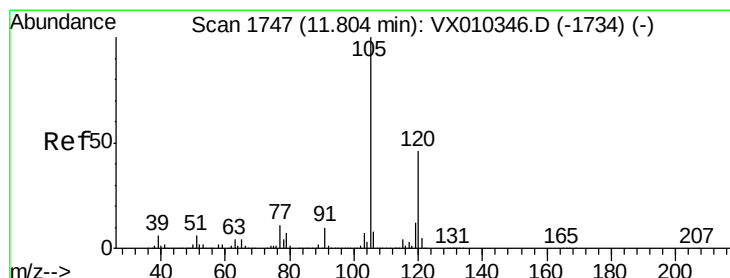
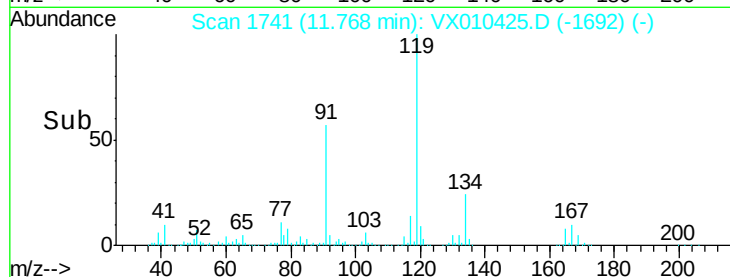
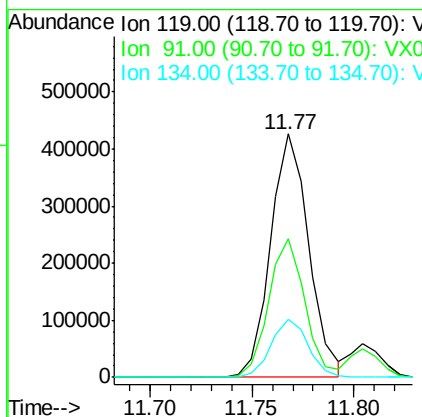
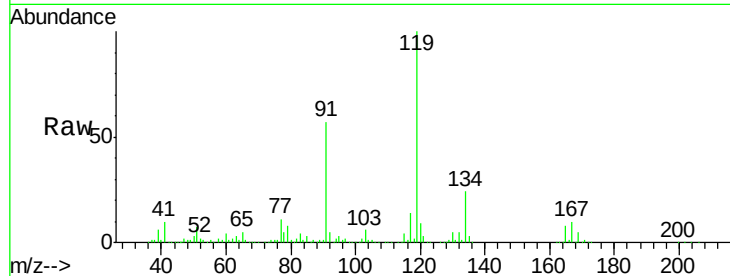
#83
 tert-Butylbenzene
 Concen: 50.436 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.2	27.6	82.7
134	23.3	11.8	35.4

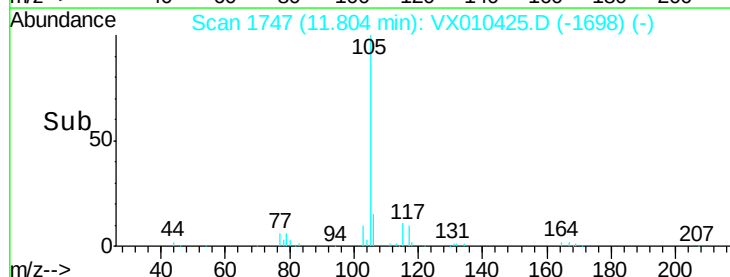
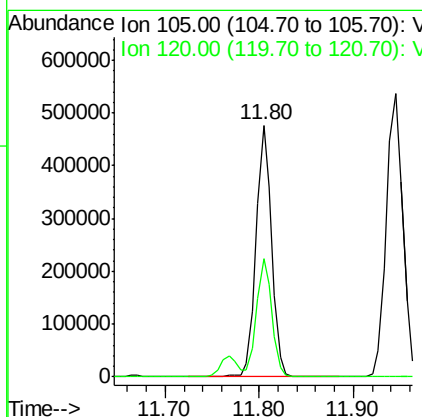
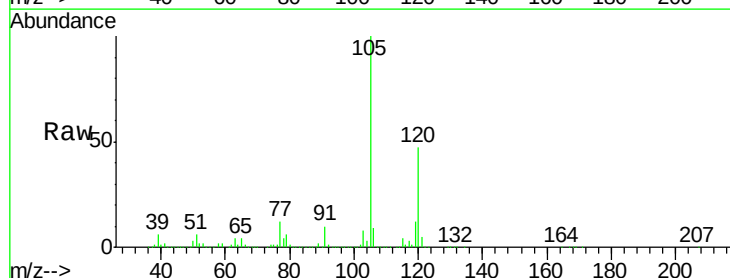
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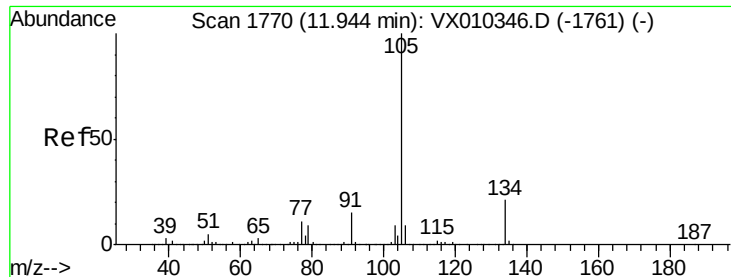
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.532 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.634 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 657012

Ion Ratio Lower Upper

105 100

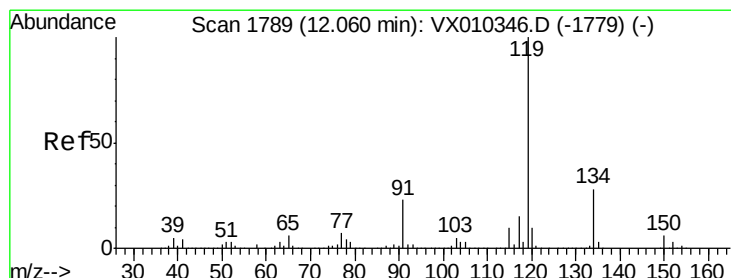
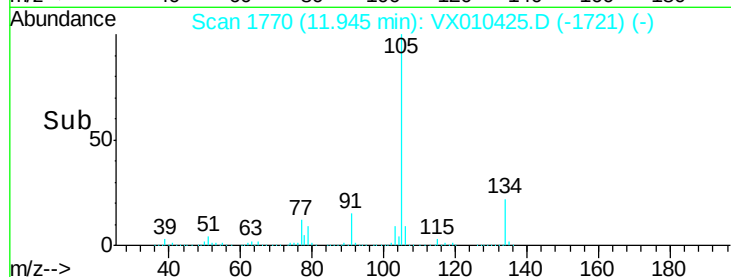
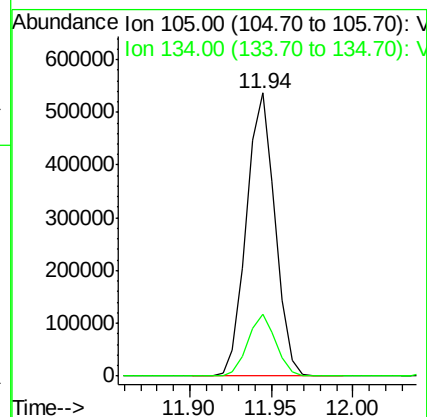
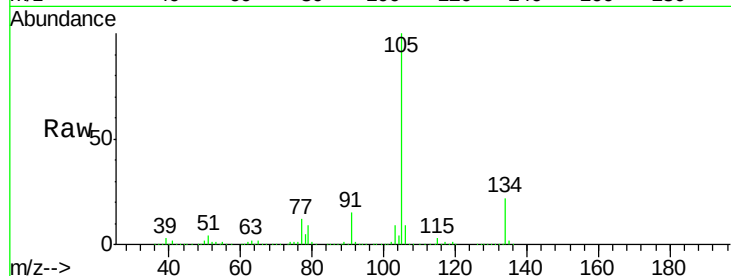
134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 51.568 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

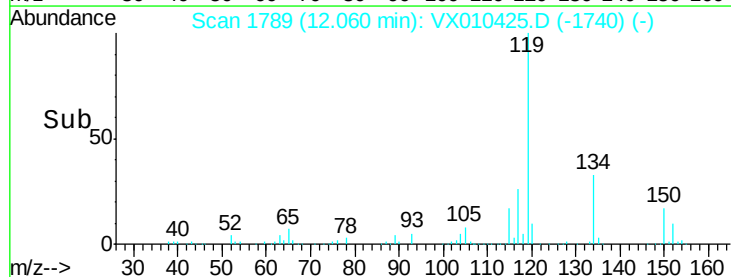
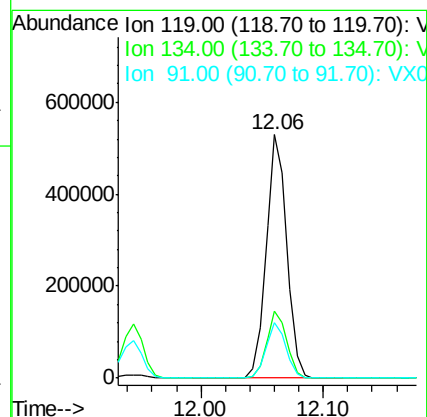
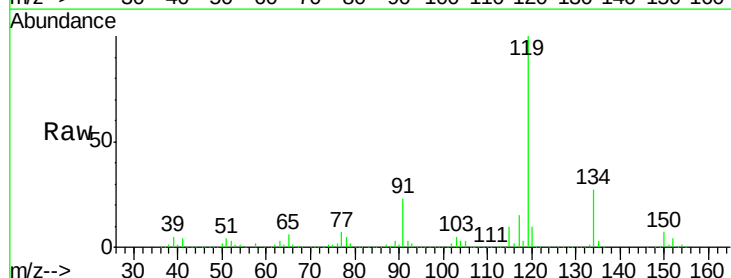
Tgt Ion:119 Resp: 618929

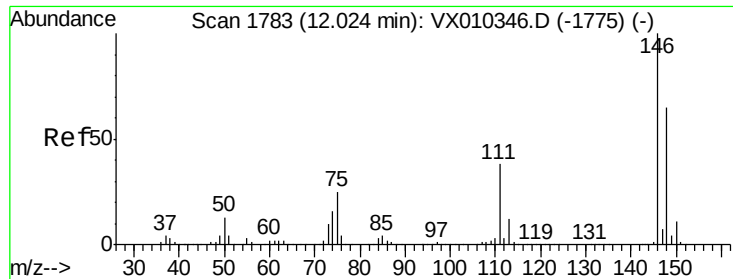
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.2 11.3 33.8





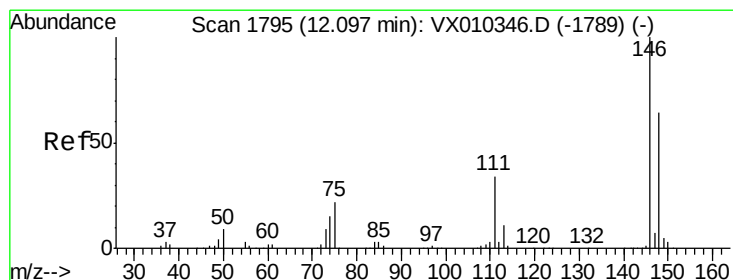
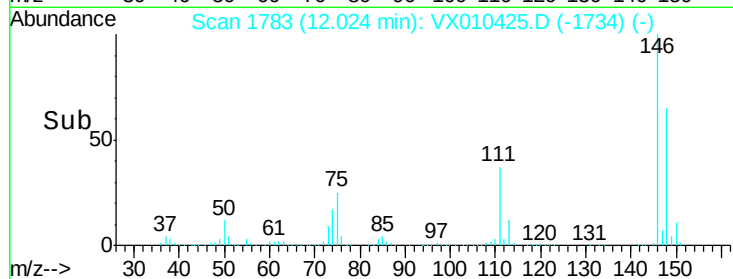
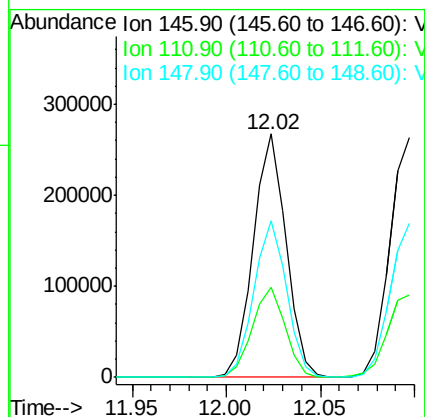
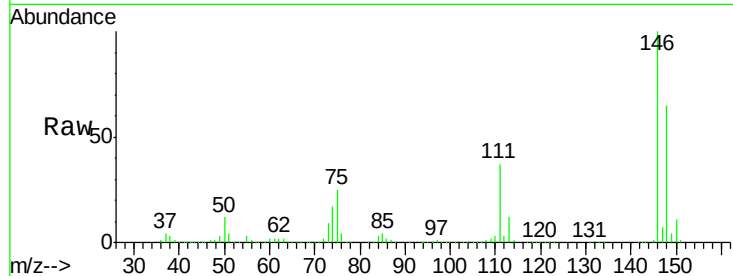
#87
 1,3-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	64.2	32.5	97.4

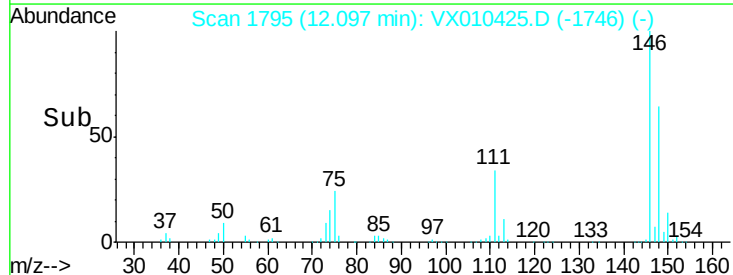
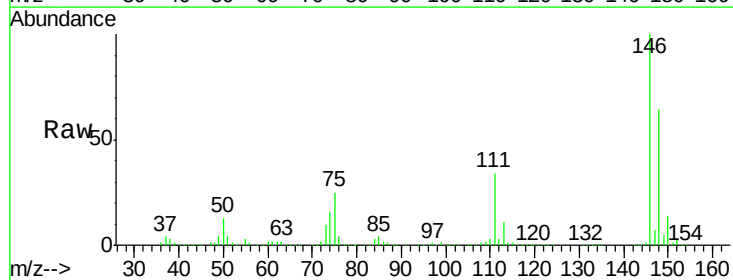
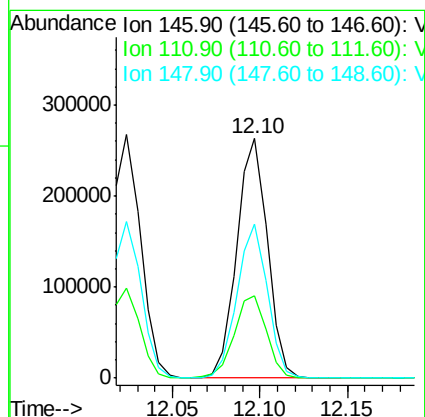
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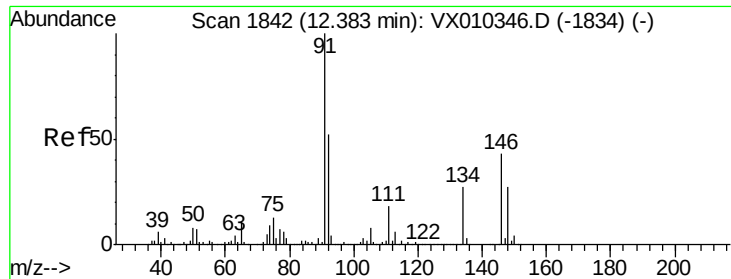
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#88
 1,4-Dichlorobenzene
 Concen: 48.313 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.3
148	63.8	32.1	96.3





#89

n-Butylbenzene

Concen: 52.858 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

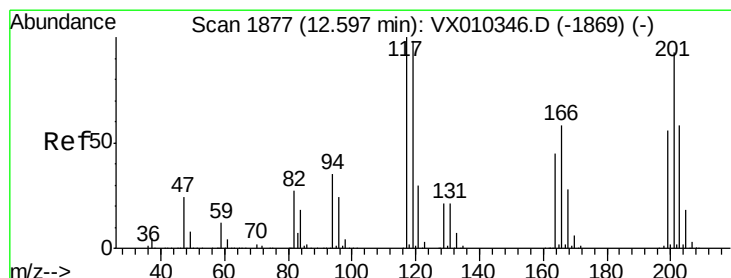
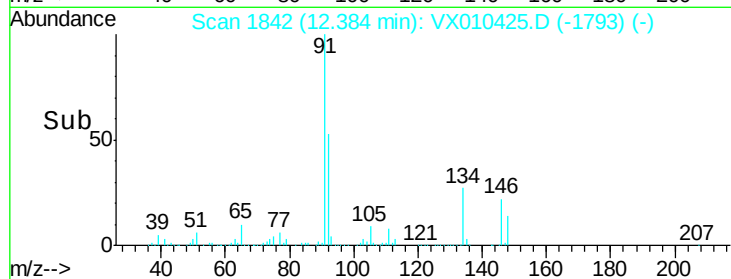
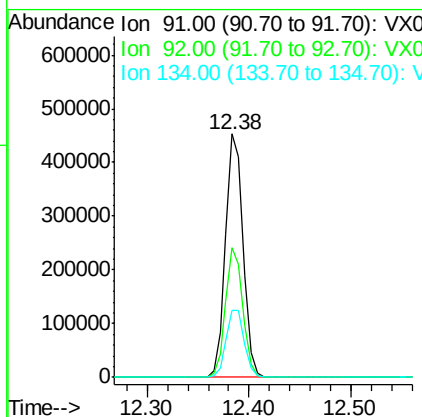
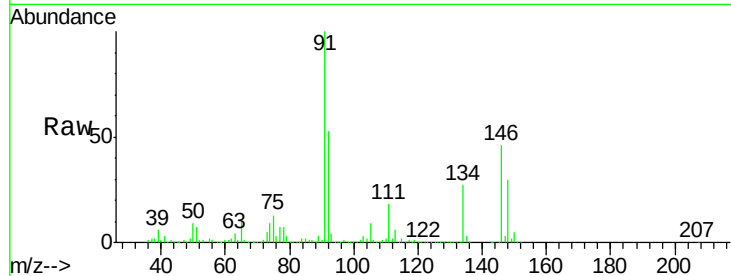
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	539097
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	28.3	14.1	42.4

Manual Integrations
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#90

Hexachloroethane

Concen: 52.202 ug/l

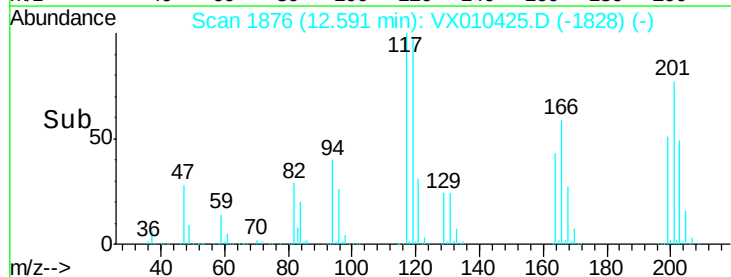
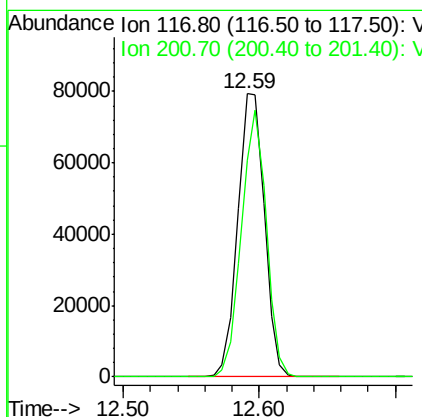
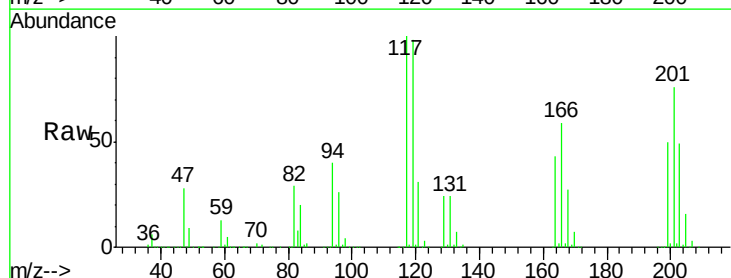
RT: 12.59 min Scan# 1876

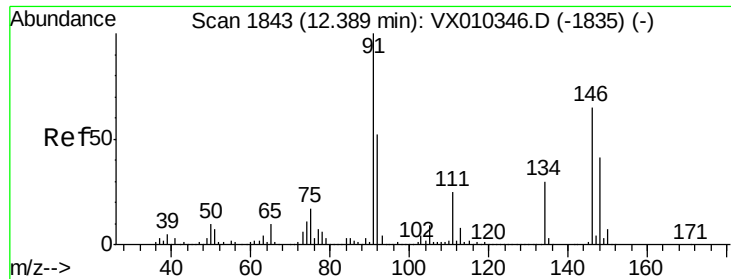
Delta R.T. -0.01 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Tgt Ion:	117	Resp:	108337
Ion	Ratio	Lower	Upper
117	100		
201	87.9	44.0	131.8





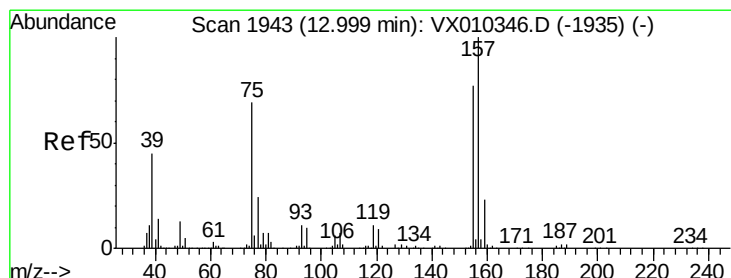
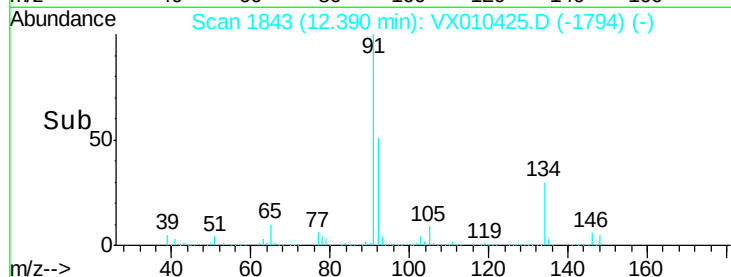
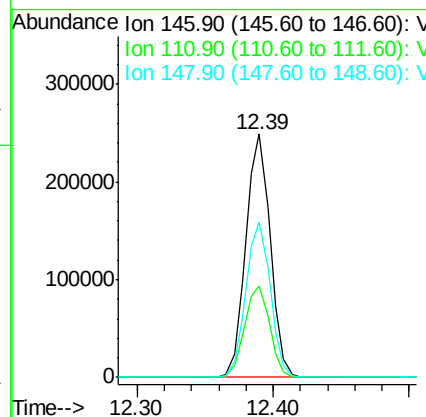
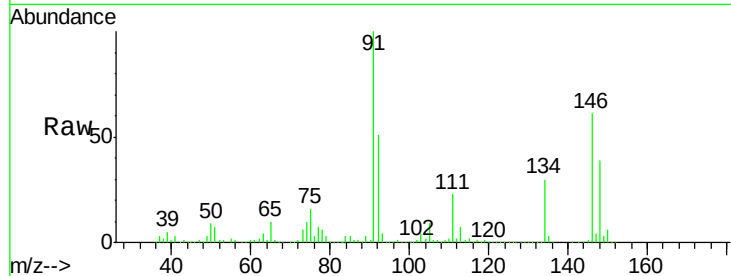
#91
 1,2-Dichlorobenzene
 Concen: 48.206 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	311903		
111	38.2	19.2	57.6	
148	64.2	32.0	96.0	

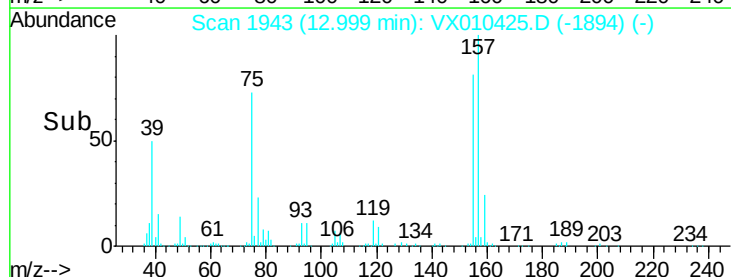
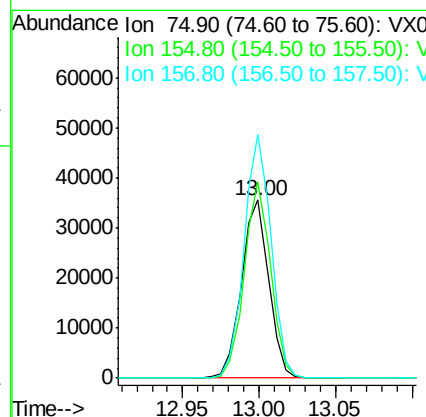
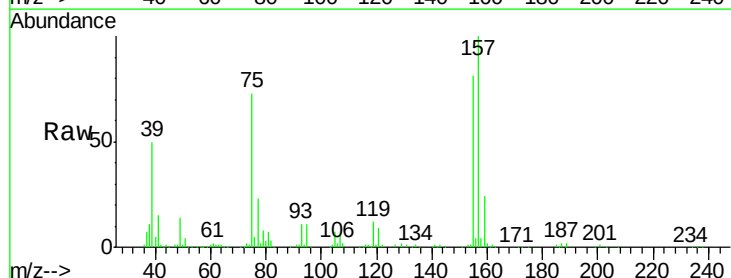
Manual Integrations
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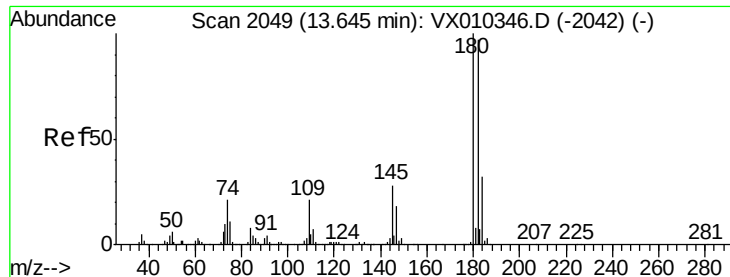
MMDadoda
 6/26/2019 8:49:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.195 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44056		
155	106.1	54.4	163.1	
157	134.5	69.5	208.3	





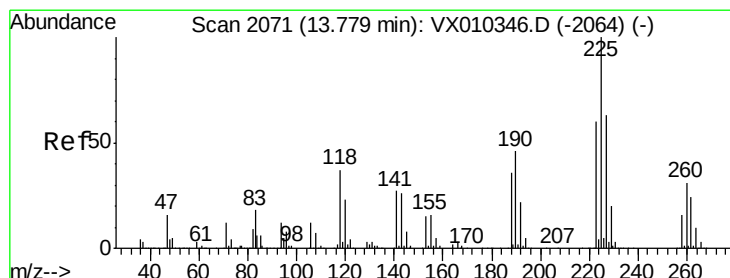
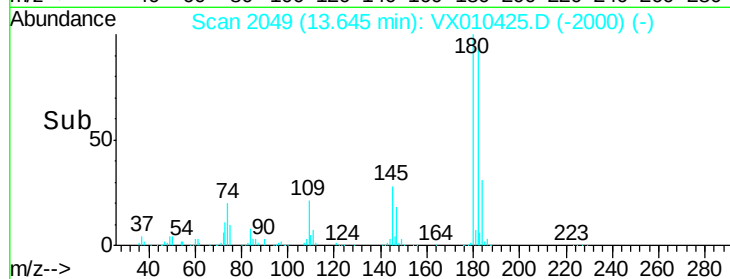
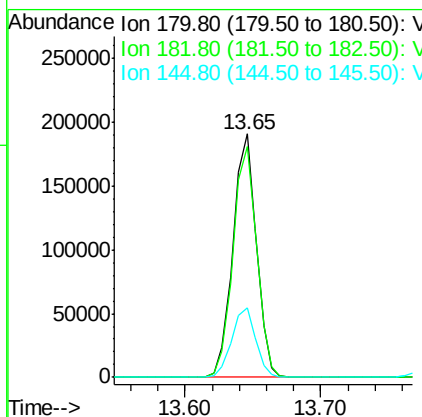
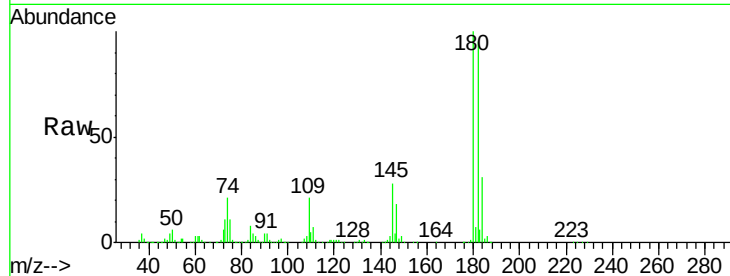
#93
 1,2,4-Trichlorobenzene
 Concen: 51.044 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	229033		
182	96.1	48.0	144.0	
145	29.2	14.4	43.4	

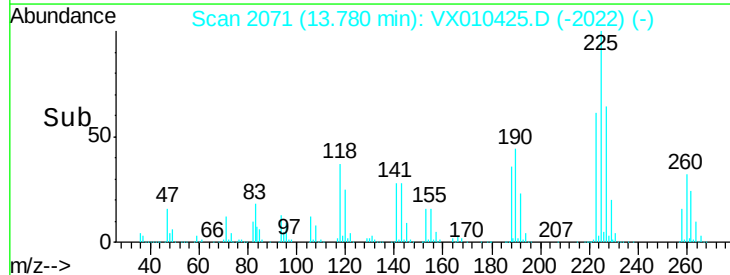
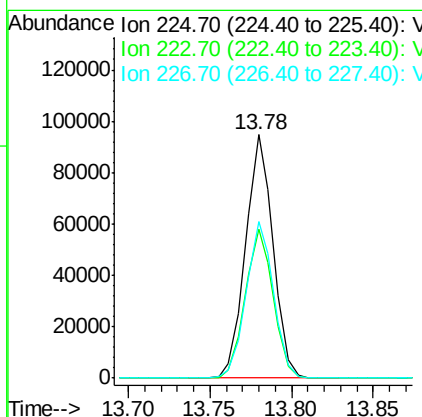
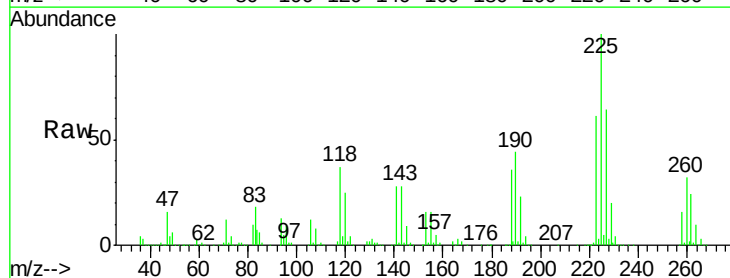
Manual Integrations
 APPROVED

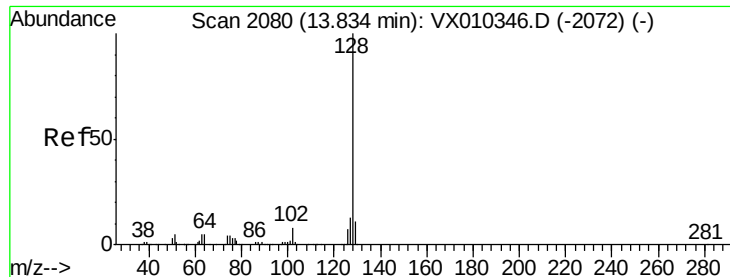
MMDadoda
 6/26/2019 8:49:42 AM



#94
 Hexachlorobutadiene
 Concen: 50.755 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010425.D
 Acq: 25 Jun 2019 09:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111304		
223	62.3	30.9	92.7	
227	64.2	31.9	95.5	





#95

Naphthalene

Concen: 50.138 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010425.D

Acq: 25 Jun 2019 09:16

Instrument :

MSVOA_X

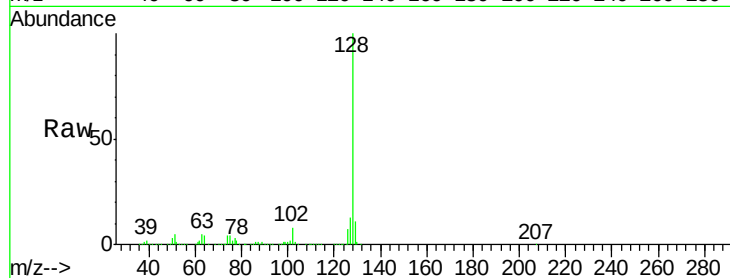
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	691348
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	8.9	13.3

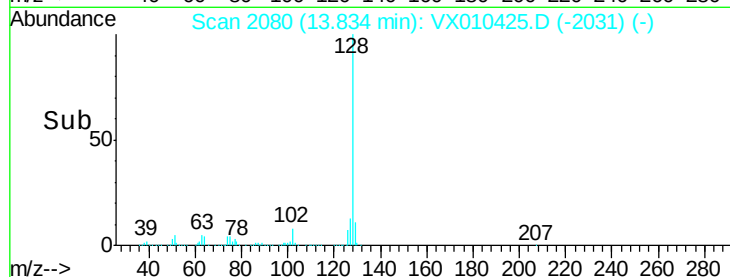
Manual Integrations
APPROVED

MMDadoda
6/26/2019 8:49:42 AM

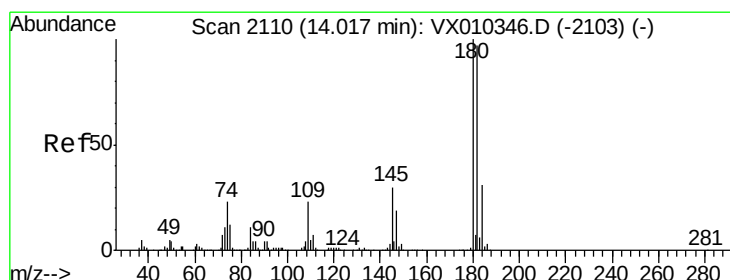


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 50.801 ug/l

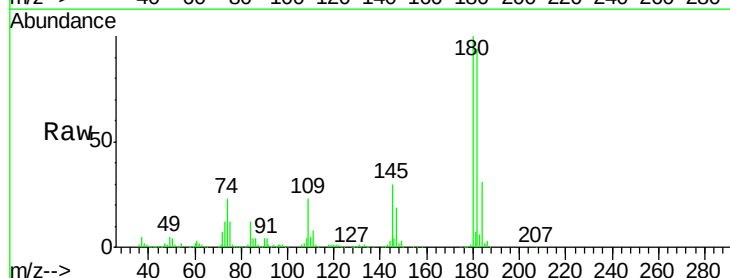
RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010425.D

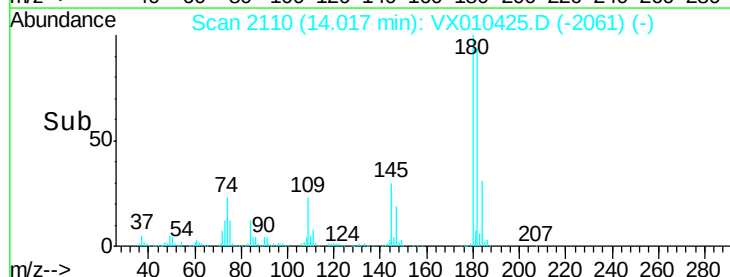
Acq: 25 Jun 2019 09:16

Tgt Ion:	180	Resp:	226634
Ion Ratio		Lower	Upper
180	100		
182	95.0	47.8	143.3
145	30.3	15.2	45.6



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

14.02



Time-->