

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012725.D
 Acq On : 01 Oct 2019 12:07
 Operator : JC/SP
 Sample : VX1001WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:22 AM

Quant Time: Oct 02 02:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	192405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	327625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	119726	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	
35) Dibromofluoromethane	5.48	113	91921	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	341760	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.13	95	133445	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	39548	18.271	ug/l	98
3) Chloromethane	1.32	50	43914	17.668	ug/l	94
4) Vinyl Chloride	1.40	62	45004	18.217	ug/l	99
5) Bromomethane	1.63	94	21259	21.887	ug/l	96
6) Chloroethane	1.72	64	29648	17.802	ug/l	97
7) Trichlorofluoromethane	1.92	101	64330	18.547	ug/l	98
8) Diethyl Ether	2.17	74	26204	18.435	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43126	20.413	ug/l	96
10) Methyl Iodide	2.50	142	33293	18.430	ug/l	96
11) Tert butyl alcohol	3.03	59	65973	94.260	ug/l	99
12) 1,1-Dichloroethene	2.36	96	39921	19.298	ug/l	99
13) Acrolein	2.28	56	26963	76.558	ug/l	98
14) Allyl chloride	2.72	41	76070	18.534	ug/l	97
15) Acrylonitrile	3.13	53	133590	94.080	ug/l	98
16) Acetone	2.43	43	134002	90.294	ug/l	98
17) Carbon Disulfide	2.56	76	100040	17.250	ug/l	100
18) Methyl Acetate	2.76	43	64392	18.427	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	148513	18.967	ug/l	99
20) Methylene Chloride	2.84	84	46397	18.484	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	44711	19.509	ug/l	96
22) Diisopropyl ether	3.84	45	151615	19.118	ug/l	98
23) Vinyl Acetate	3.80	43	649268	93.356	ug/l	98
24) 1,1-Dichloroethane	3.69	63	81553	18.918	ug/l	98
25) 2-Butanone	4.65	43	194675	91.486	ug/l	92
26) 2,2-Dichloropropane	4.57	77	70341	18.346	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	51022	19.187	ug/l	95
28) Bromochloromethane	5.00	49	26707	17.062	ug/l	95
29) Tetrahydrofuran	5.12	42	119765	92.342	ug/l	96
30) Chloroform	5.20	83	84810	19.230	ug/l	96
31) Cyclohexane	5.56	56	74783	19.175	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	73295	18.751	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62220	19.703	ug/l	98
37) Ethyl Acetate	4.82	43	70278	19.035	ug/l	97
38) Carbon Tetrachloride	5.78	117	62264	19.409	ug/l	99

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Quant Time: Oct 02 02:24:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	76593	20.147	ug/l	97
40) Benzene	6.13	78	184098	19.813	ug/l	99
41) Methacrylonitrile	5.03	41	38972	18.814	ug/l	95
42) 1,2-Dichloroethane	6.18	62	70451	19.967	ug/l	99
43) Isopropyl Acetate	6.43	43	116033	18.793	ug/l	98
44) Trichloroethene	7.20	130	48135	20.264	ug/l	93
45) 1,2-Dichloropropane	7.51	63	47322	19.893	ug/l	97
46) Dibromomethane	7.65	93	31548	19.478	ug/l	97
47) Bromodichloromethane	7.89	83	62453	19.293	ug/l	99
48) Methyl methacrylate	7.76	41	55218	18.652	ug/l	94
49) 1,4-Dioxane	7.73	88	26164	389.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	360372	94.556	ug/l	96
52) Toluene	8.78	92	116399	19.932	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68256	19.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	74929	19.161	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	47243	20.348	ug/l	99
56) Ethyl methacrylate	9.17	69	74854	19.191	ug/l	92
57) 1,3-Dichloropropane	9.37	76	81057	19.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170281	97.256	ug/l	100
59) 2-Hexanone	9.48	43	277026	94.962	ug/l	95
60) Dibromochloromethane	9.57	129	46334	19.714	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48695	20.153	ug/l	99
64) Tetrachloroethene	9.33	164	44138	21.721	ug/l	98
65) Chlorobenzene	10.14	112	122023	19.882	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	44348	19.943	ug/l	98
67) Ethyl Benzene	10.25	91	222003	19.943	ug/l	100
68) m/p-Xylenes	10.35	106	169591	40.670	ug/l	98
69) o-Xylene	10.70	106	80689	19.998	ug/l	100
70) Styrene	10.71	104	138591	20.489	ug/l	98
71) Bromoform	10.85	173	29602	19.118	ug/l #	98
73) Isopropylbenzene	11.01	105	219427	20.168	ug/l	99
74) N-amyl acetate	10.89	43	94429	18.193	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	70143	19.467	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67932m	19.225	ug/l	
77) Bromobenzene	11.25	156	49585	20.137	ug/l	100
78) n-propylbenzene	11.35	91	241070	19.681	ug/l	100
79) 2-Chlorotoluene	11.42	91	149306	19.540	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	182696	20.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21182	17.179	ug/l	97
82) 4-Chlorotoluene	11.51	91	172802	19.838	ug/l	99
83) tert-Butylbenzene	11.76	119	175027	19.887	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187381	20.359	ug/l	99
85) sec-Butylbenzene	11.94	105	209945	20.509	ug/l	100
86) p-Isopropyltoluene	12.06	119	195816	21.200	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89985	20.306	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	89973	20.093	ug/l	98
89) n-Butylbenzene	12.38	91	159486	19.595	ug/l	100
90) Hexachloroethane	12.59	117	31566	19.169	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	90722	20.449	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16963	18.820	ug/l	95

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ClientSampleId :
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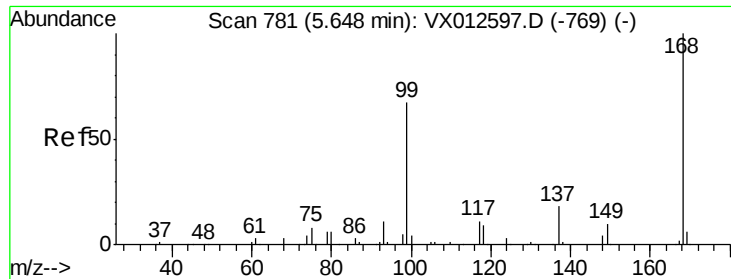
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	53971	19.948	ug/l	98
94) Hexachlorobutadiene	13.78	225	25350	21.779	ug/l	98
95) Naphthalene	13.83	128	196066	20.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	56059	20.684	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion:168 Resp: 192405

Ion Ratio Lower Upper

168 100

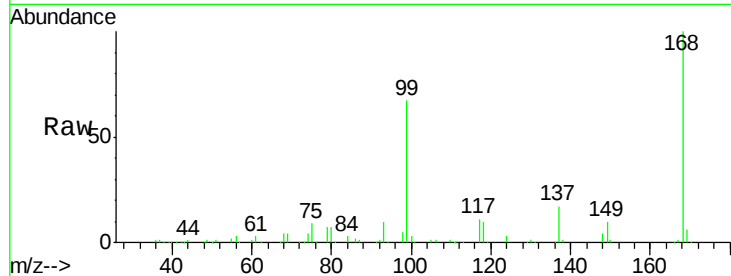
99 66.5 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

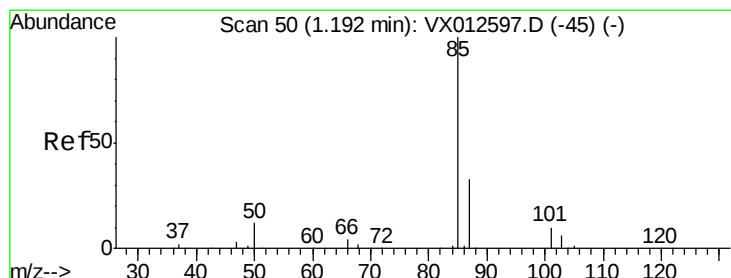
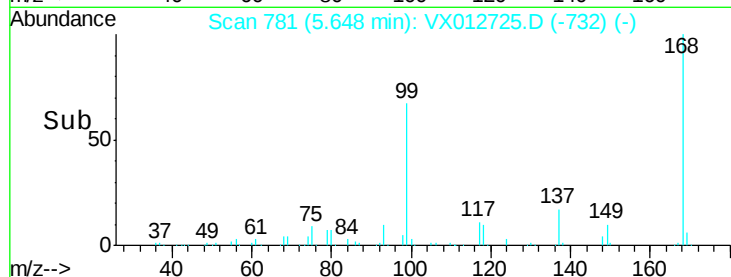
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.271 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012725.D

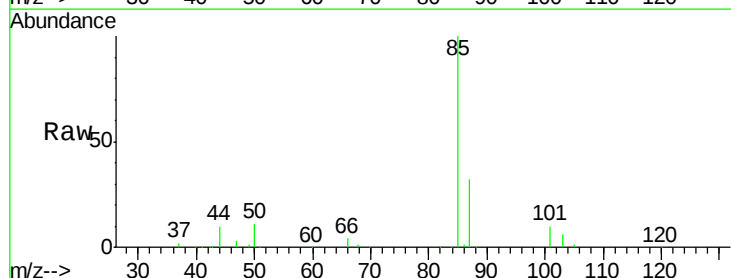
Acq: 01 Oct 2019 12:07

Tgt Ion: 85 Resp: 39548

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

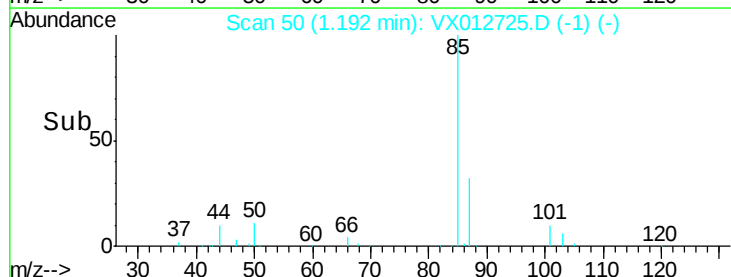
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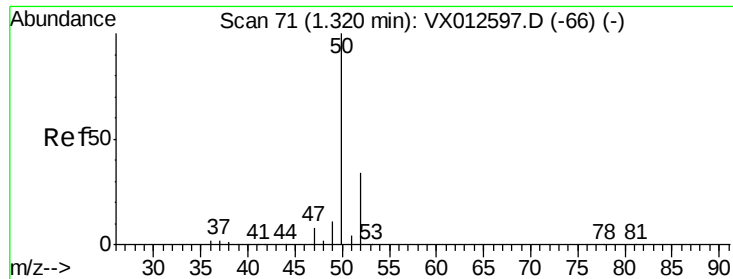
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.668 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 50 Resp: 43914

Ion Ratio Lower Upper

50 100

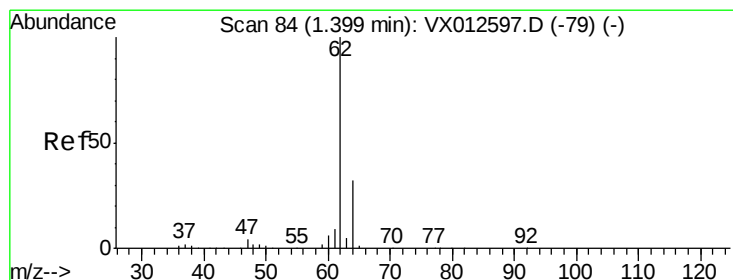
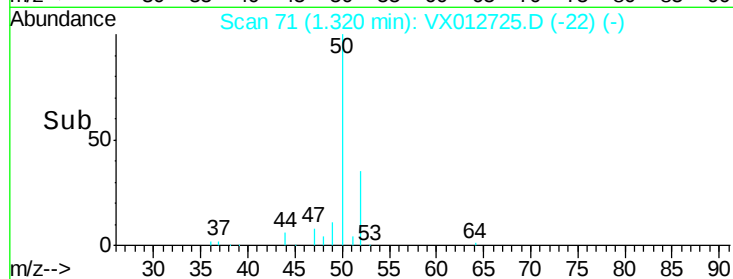
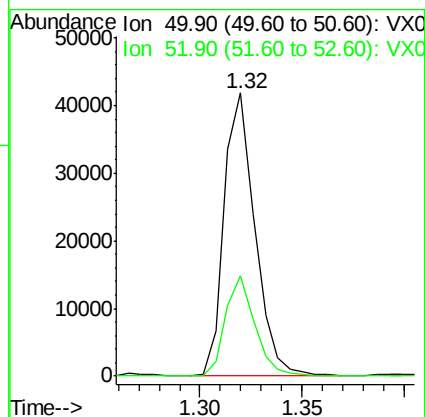
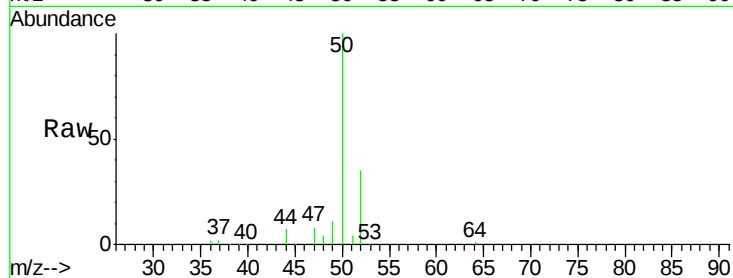
52 35.3 25.7 38.5

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#4

Vinyl Chloride

Concen: 18.217 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012725.D

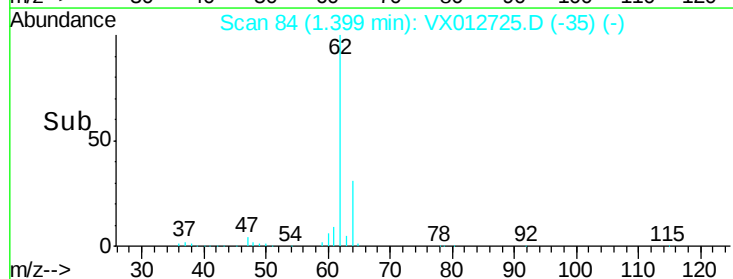
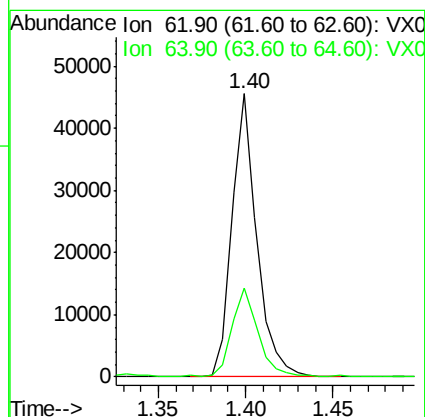
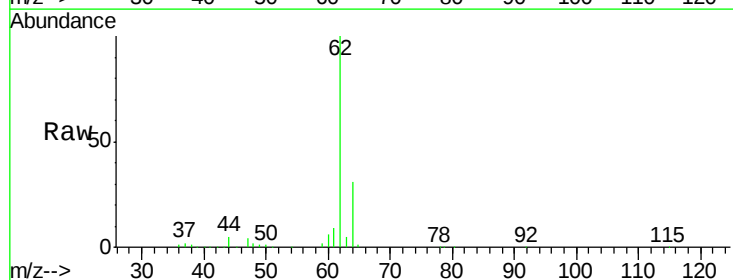
Acq: 01 Oct 2019 12:07

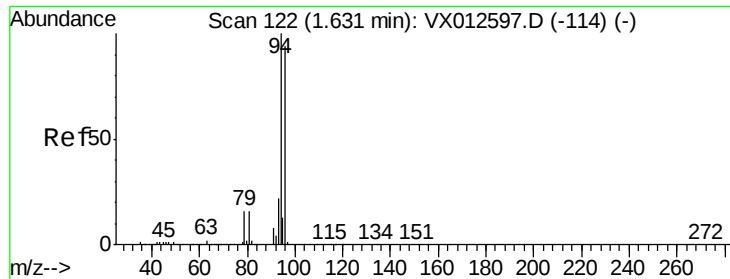
Tgt Ion: 62 Resp: 45004

Ion Ratio Lower Upper

62 100

64 30.9 24.2 36.2





#5

Bromomethane

Concen: 21.887 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 94 Resp: 21259

Ion Ratio Lower Upper

94 100

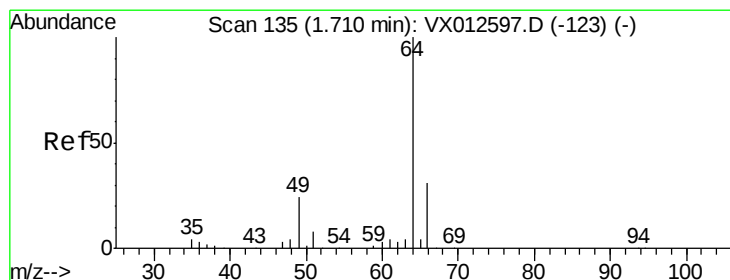
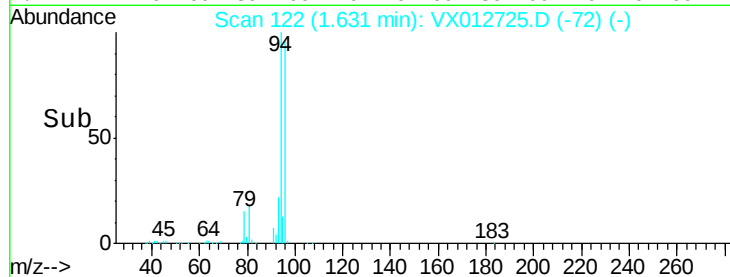
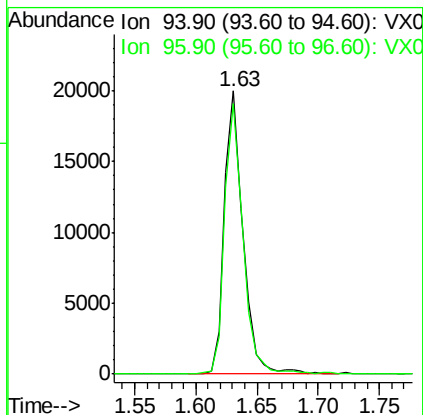
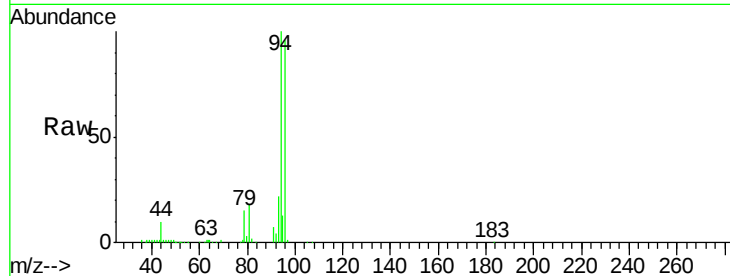
96 95.2 72.8 109.2

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#6

Chloroethane

Concen: 17.802 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012725.D

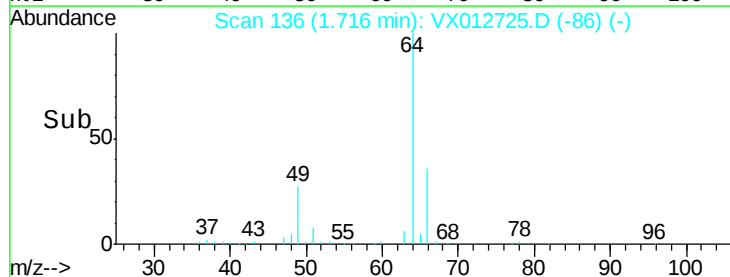
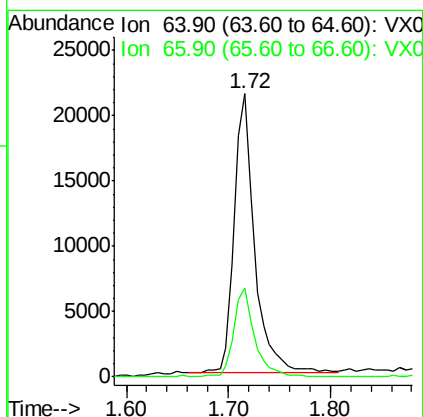
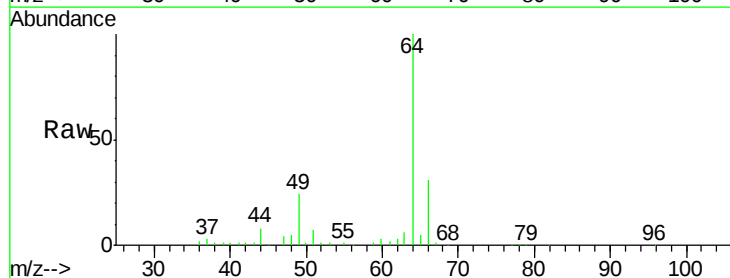
Acq: 01 Oct 2019 12:07

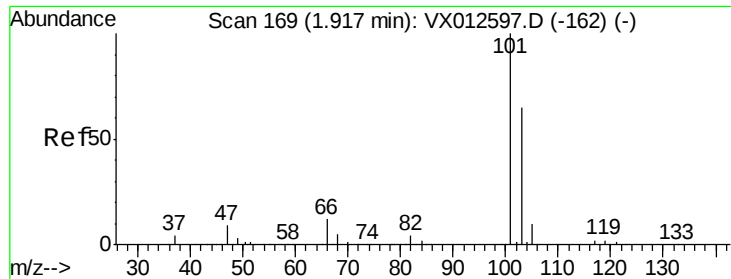
Tgt Ion: 64 Resp: 29648

Ion Ratio Lower Upper

64 100

66 31.8 24.0 36.0





#7

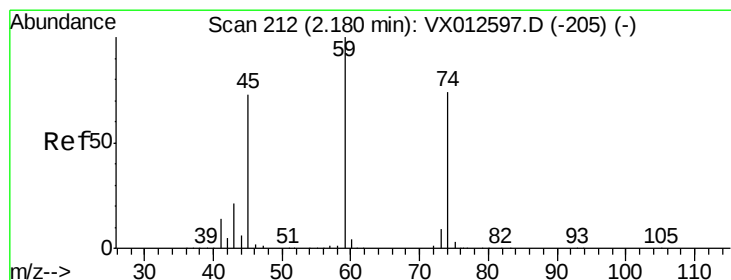
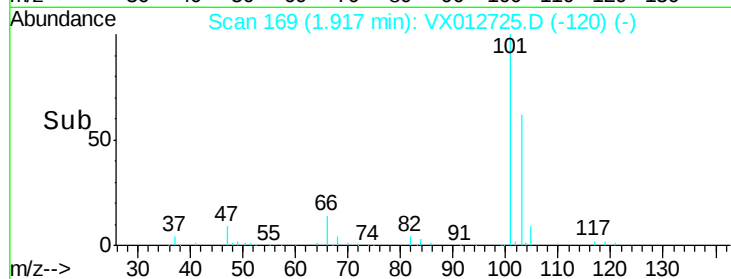
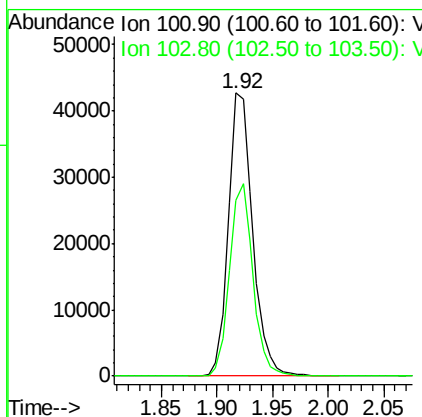
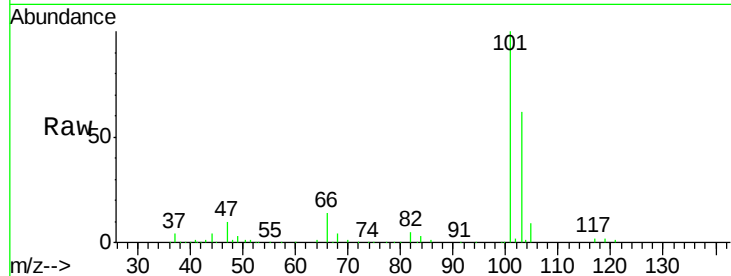
Trichlorofluoromethane
Concen: 18.547 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

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ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.0	76.4

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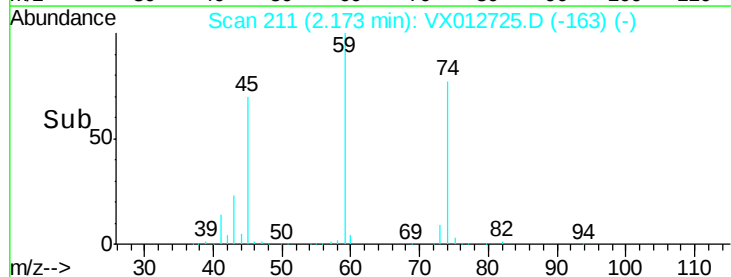
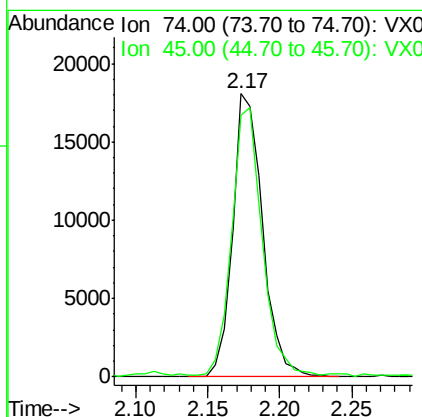
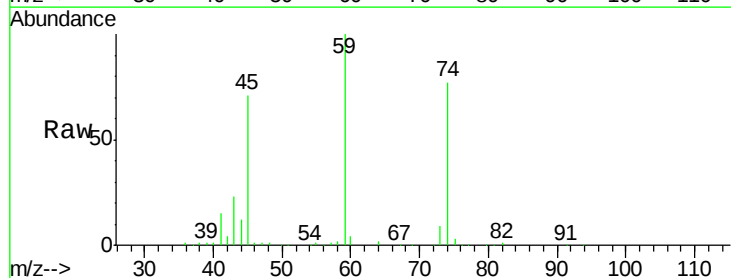
MMDadoda
10/2/2019 10:07:22 AM

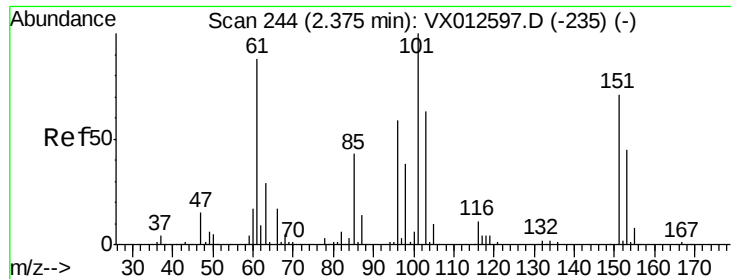


#8

Diethyl Ether
Concen: 18.435 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.413 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

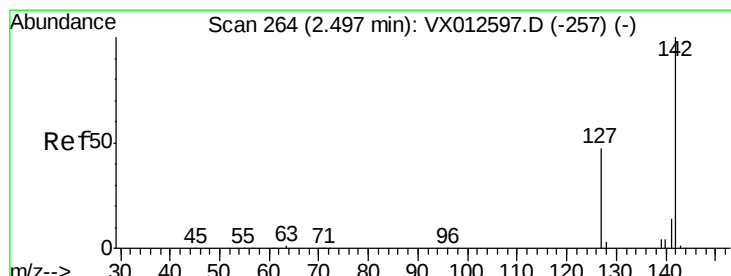
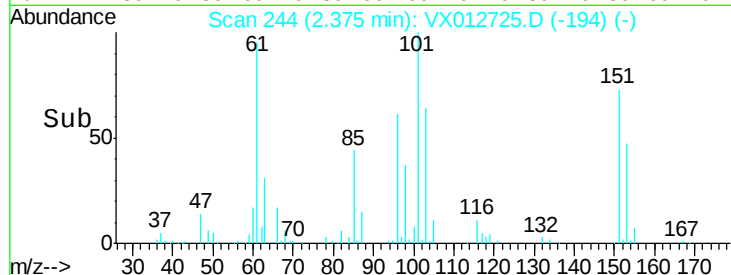
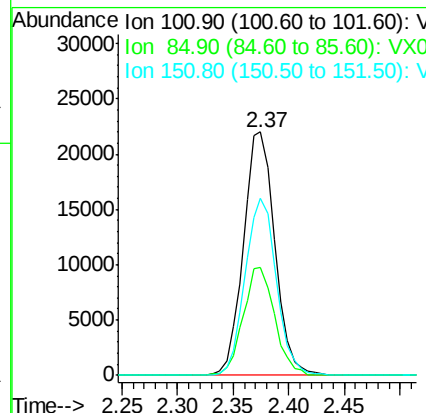
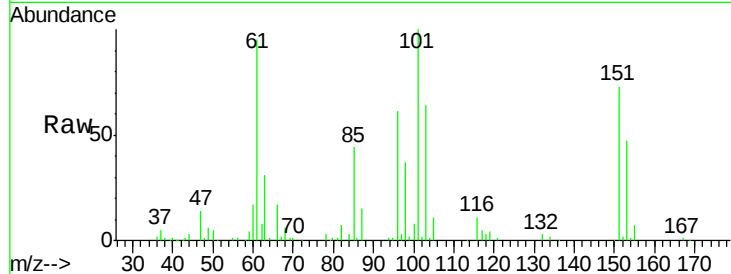
ClientSampleId :

VX1001WBS01

Tot Ion:	101	Resp:	43126
Ion Ratio	Lower	Upper	
101	100		
85	44.3	37.3	55.9
151	72.2	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 18.430 ug/l

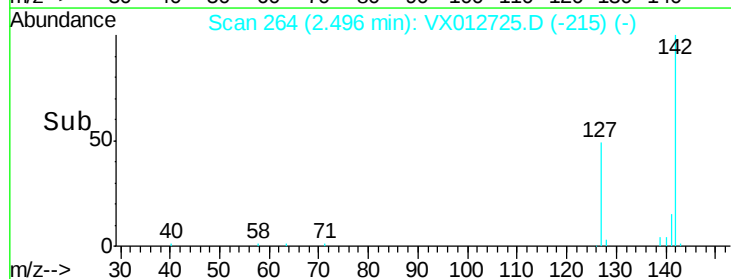
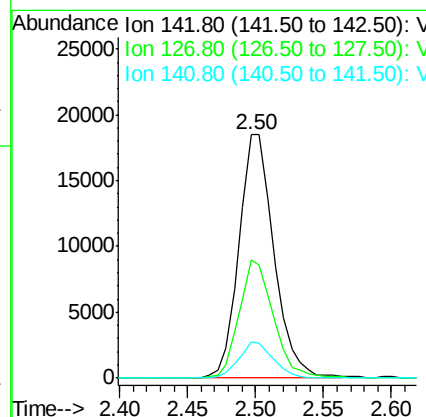
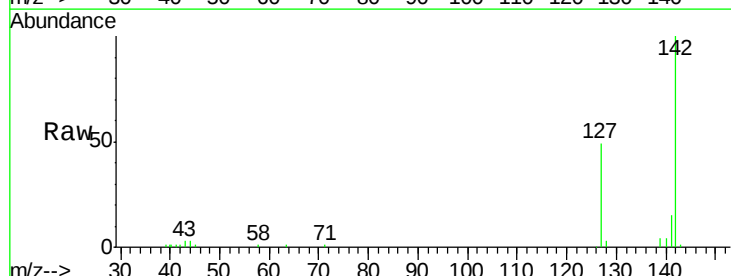
RT: 2.50 min Scan# 264

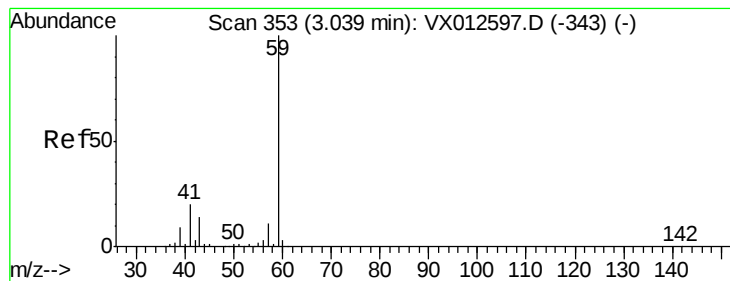
Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion:	142	Resp:	33293
Ion Ratio	Lower	Upper	
142	100		
127	47.4	40.8	61.2
141	14.7	12.1	18.1





#11

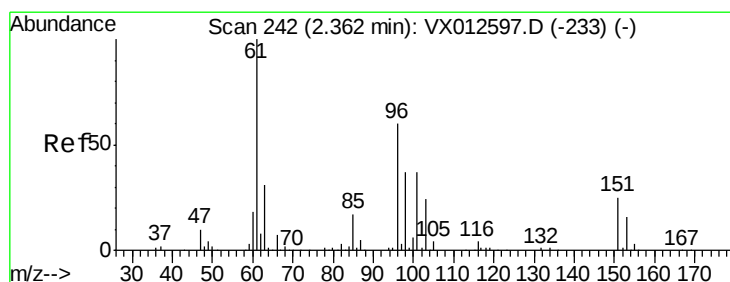
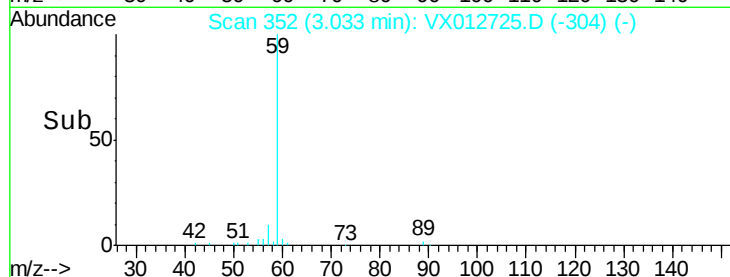
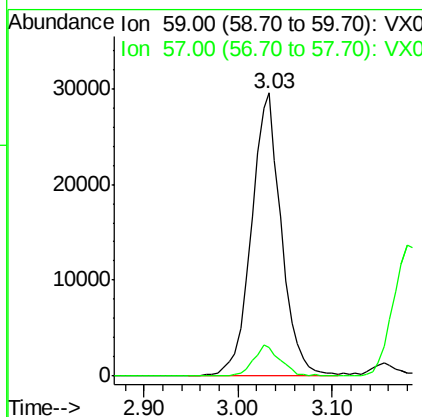
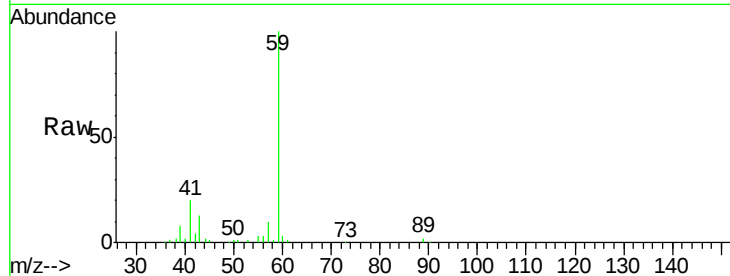
Tert butyl alcohol
 Concen: 94.260 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Tot Ion	59	Resp	65973
Ion Ratio	100	Lower	Upper
57	10.0	8.3	12.5

Manual Integrations
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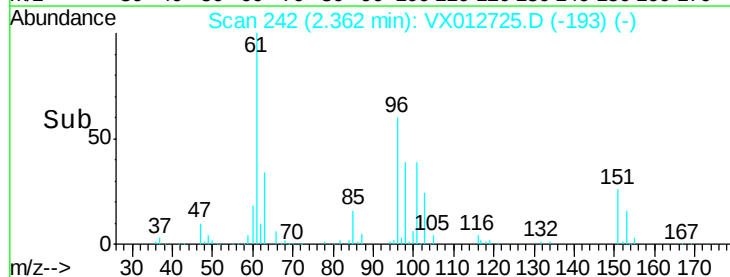
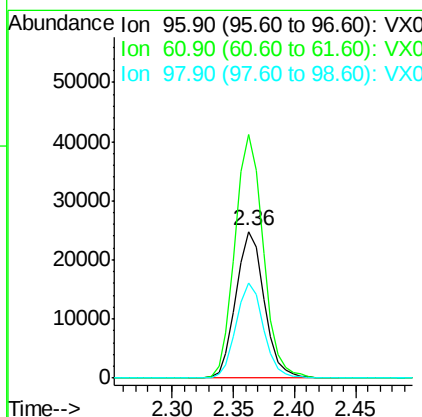
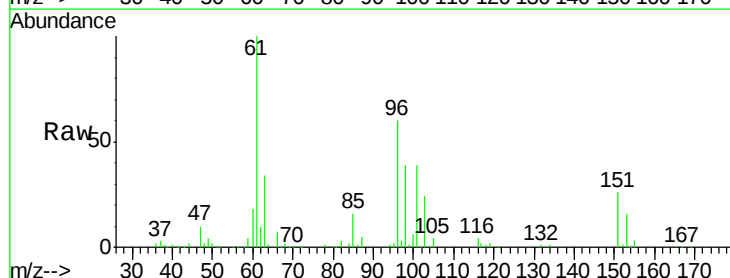
MMDadoda
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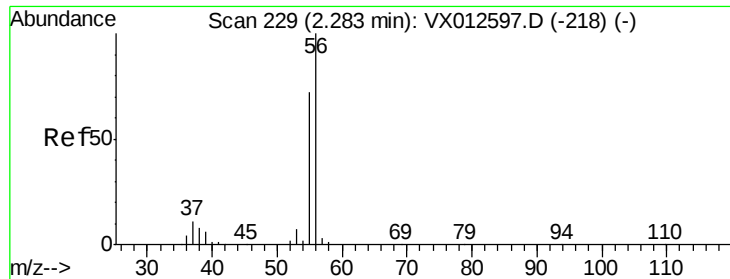


#12

1,1-Dichloroethene
 Concen: 19.298 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Tgt Ion	96	Resp	39921
Ion Ratio	100	Lower	Upper
61	166.3	133.8	200.6
98	64.7	49.9	74.9





#13

Acrolein

Concen: 76.558 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 56 Resp: 26963

Ion Ratio Lower Upper

56 100

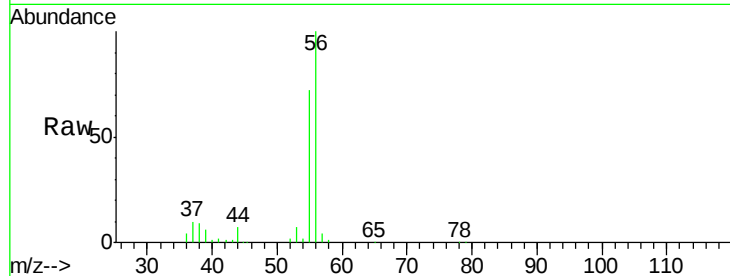
55 68.5 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

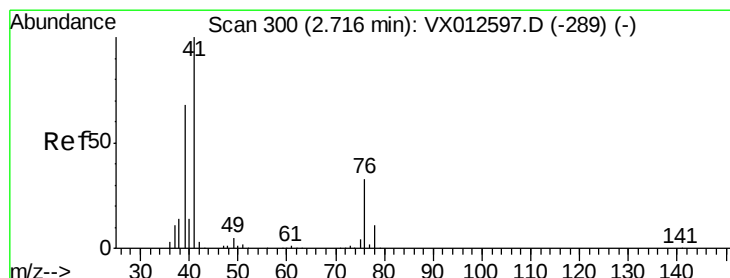
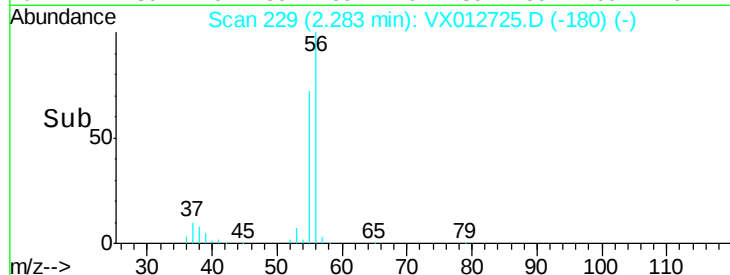
5000

0

Time-->

2.20 2.30 2.40

2.28



#14

Allyl chloride

Concen: 18.534 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

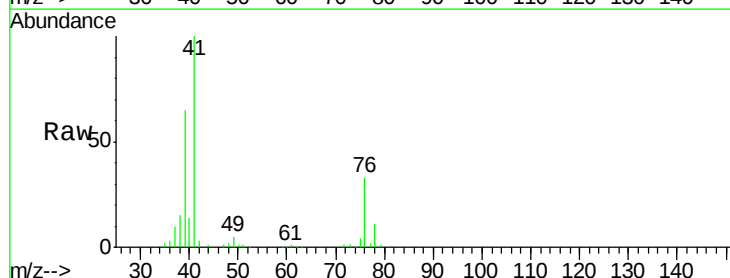
Tgt Ion: 41 Resp: 76070

Ion Ratio Lower Upper

41 100

39 62.5 51.3 76.9

76 31.0 22.6 33.8



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

50000

40000

30000

20000

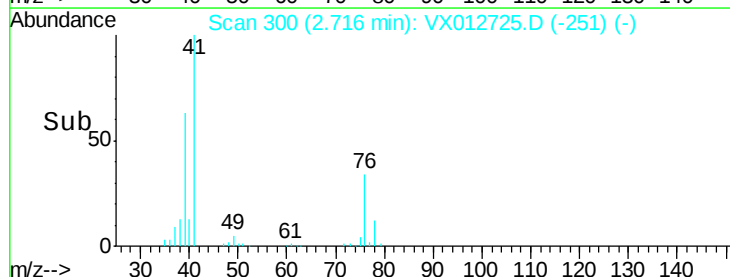
10000

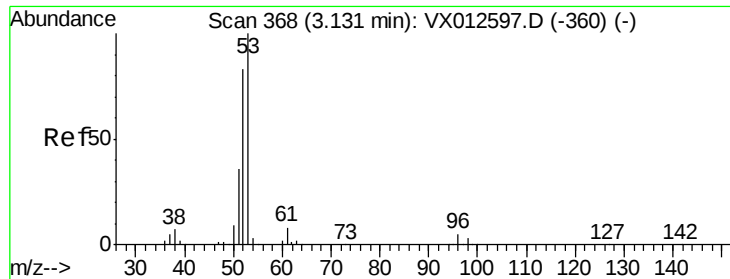
0

Time-->

2.60 2.70 2.80

2.72





#15

Acrylonitrile

Concen: 94.080 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

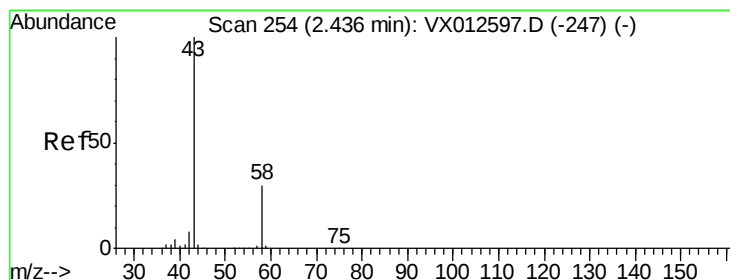
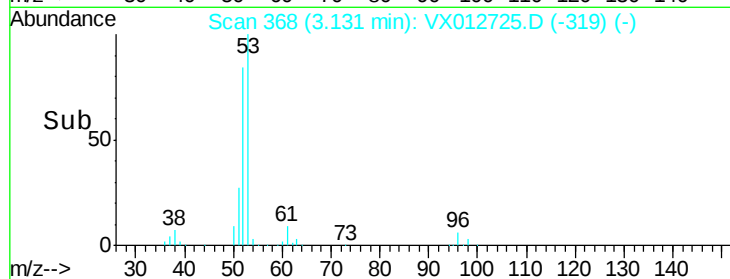
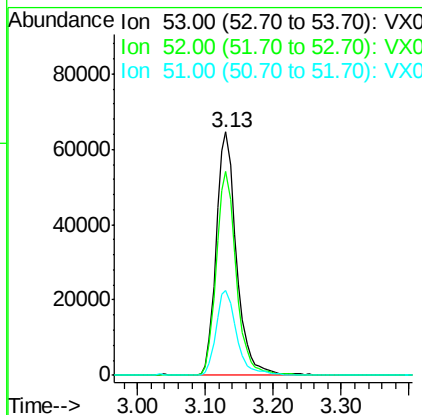
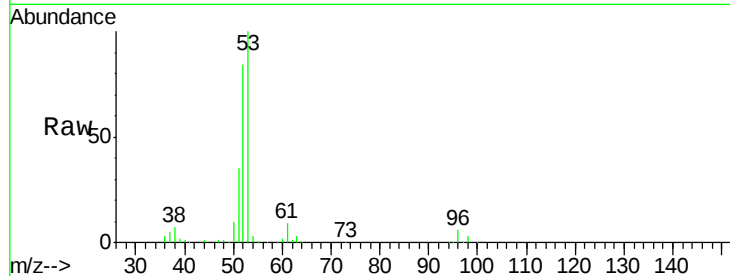
ClientSampleId :

VX1001WBS01

Tot Ion:	53	Resp:	133590
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.0	100.4
51	35.7	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 90.294 ug/l

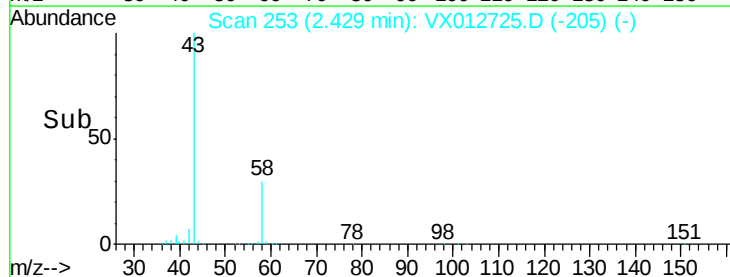
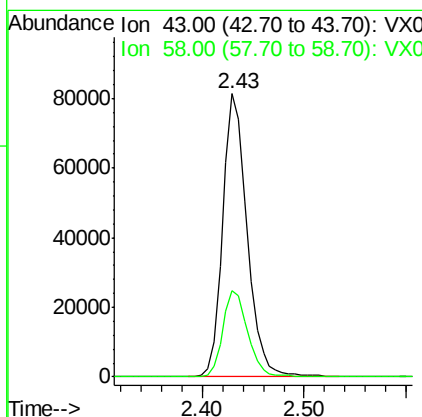
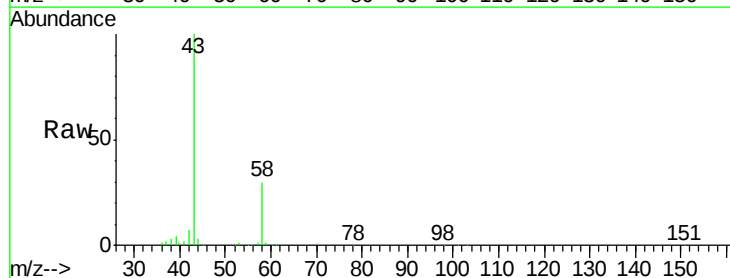
RT: 2.43 min Scan# 253

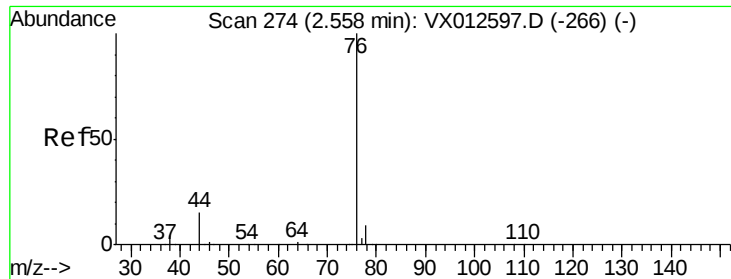
Delta R.T. -0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion:	43	Resp:	134002
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.3	34.9





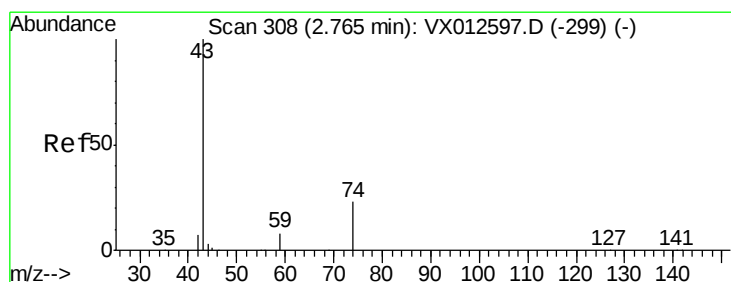
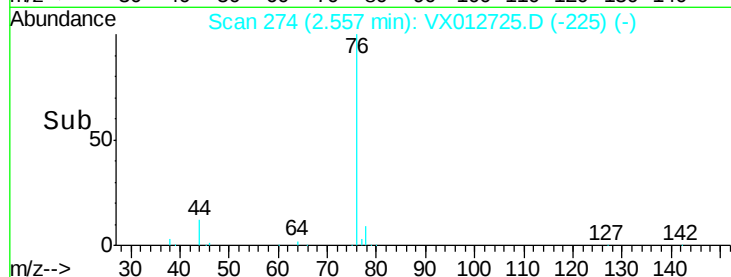
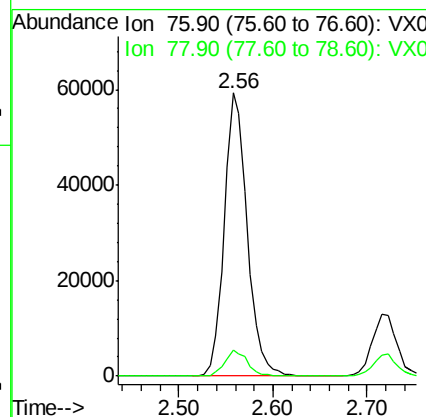
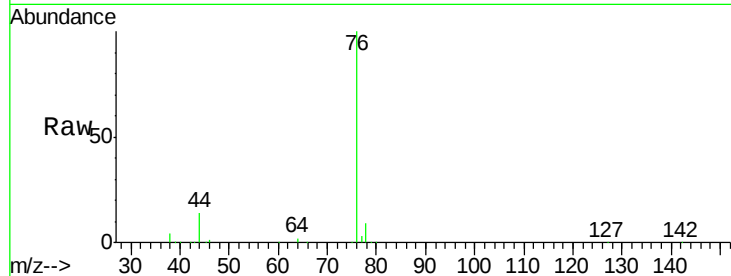
#17
Carbon Disulfide
Concen: 17.250 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

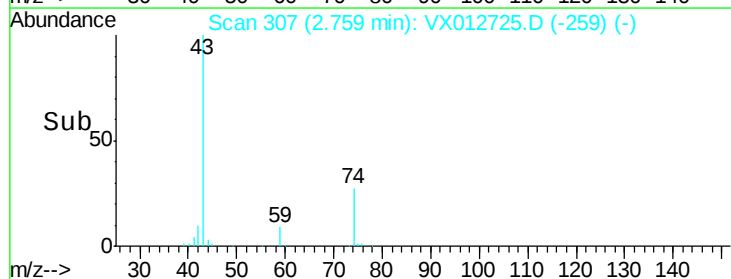
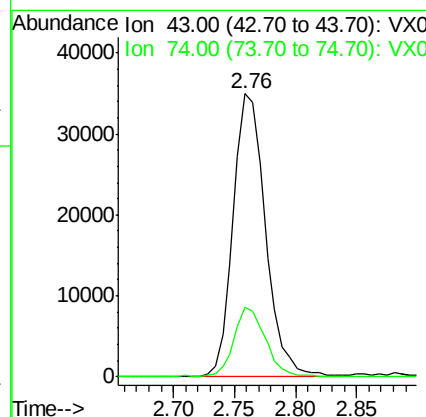
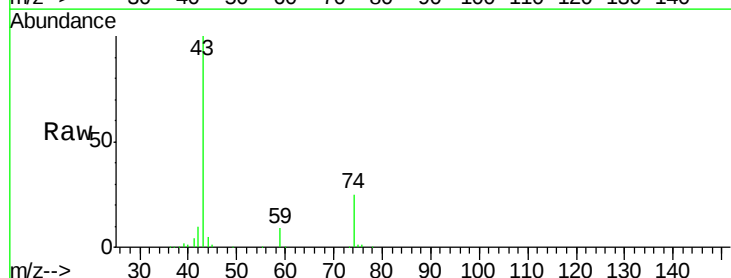
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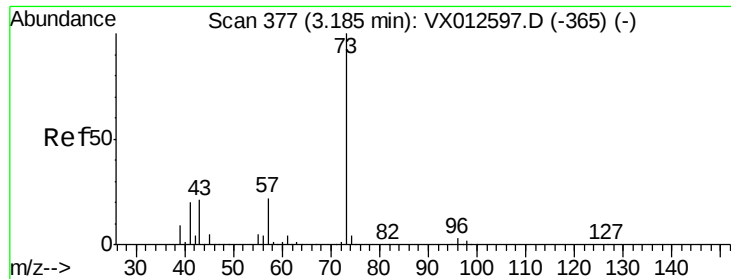
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#18
Methyl Acetate
Concen: 18.427 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	17.7	26.5





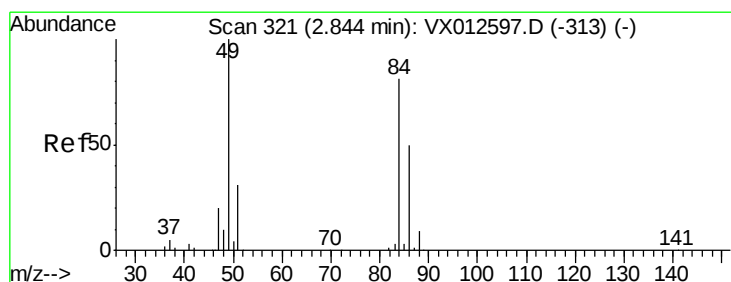
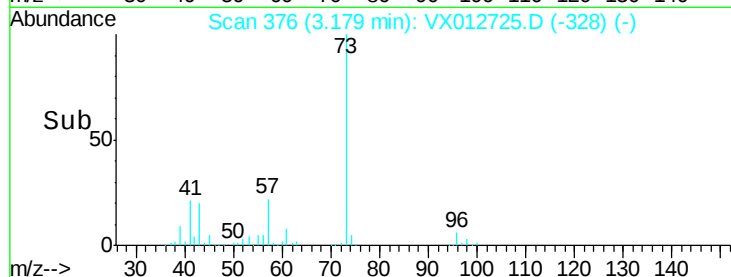
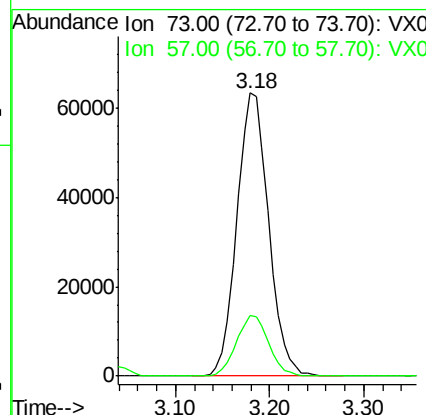
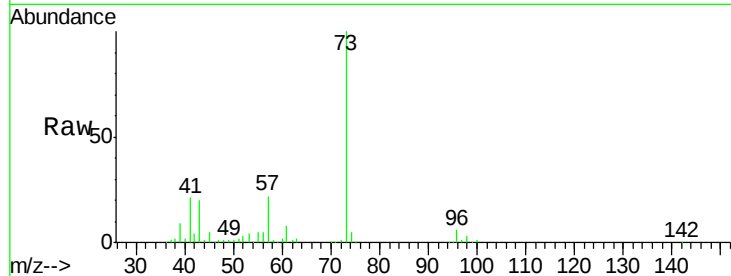
#19
Methyl tert-butyl Ether
Concen: 18.967 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

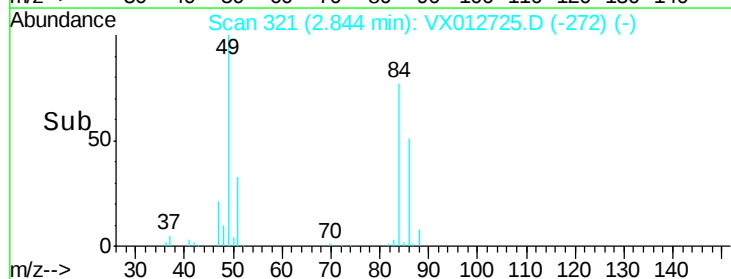
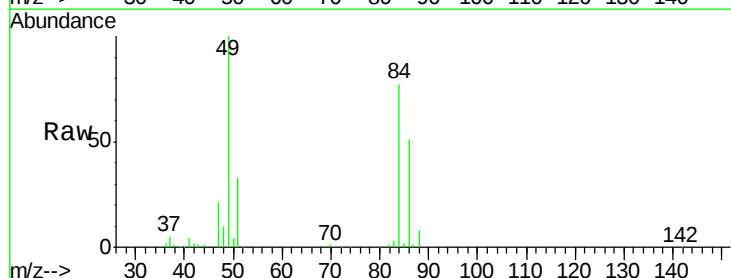
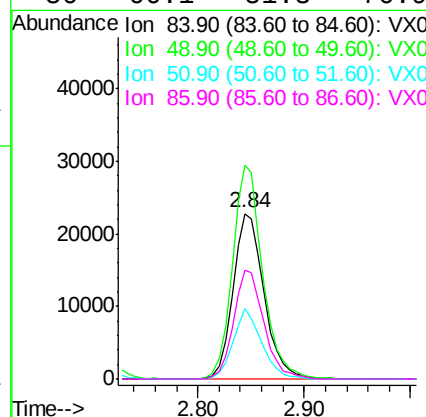
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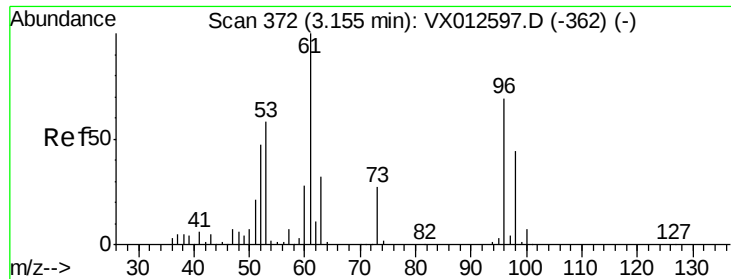
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#20
Methylene Chloride
Concen: 18.484 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.2	106.8	160.2
51	42.8	32.3	48.5
86	66.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 19.509 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 96 Resp: 44711

Ion Ratio Lower Upper

96 100

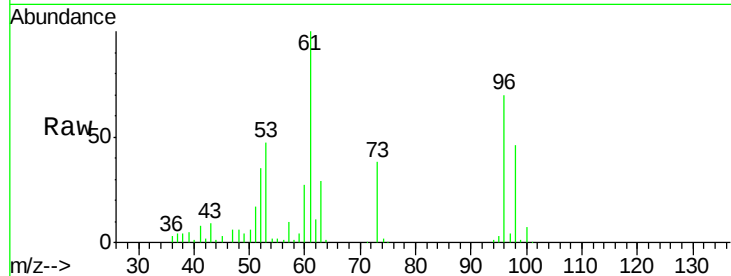
61 142.7 112.0 168.0

98 66.2 47.8 71.8

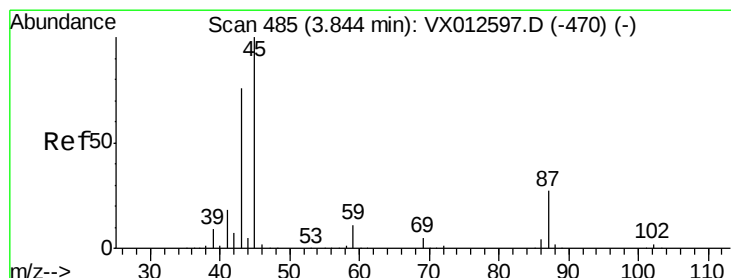
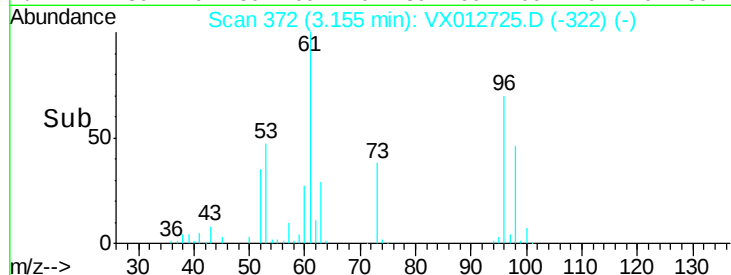
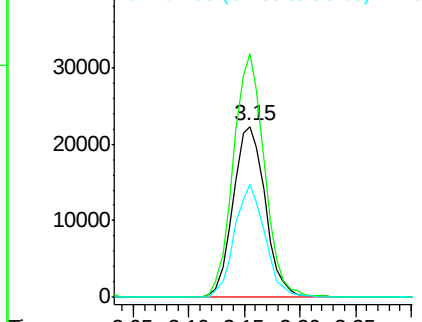
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.118 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion: 45 Resp: 151615

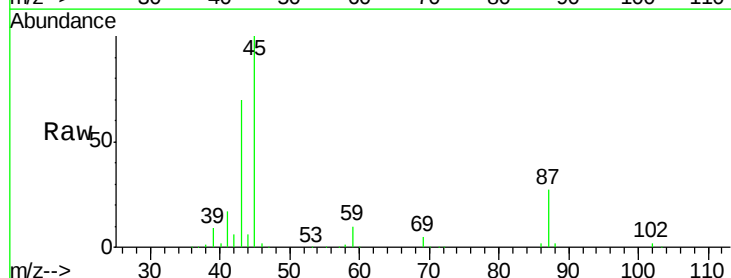
Ion Ratio Lower Upper

45 100

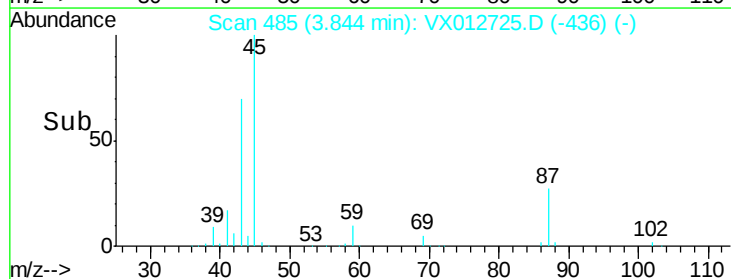
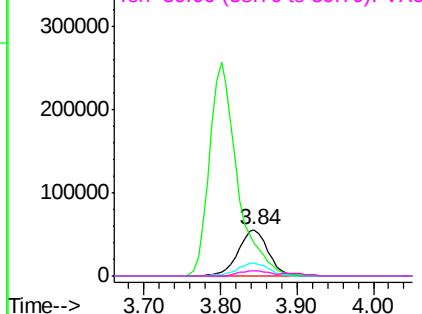
43 69.6 57.8 86.8

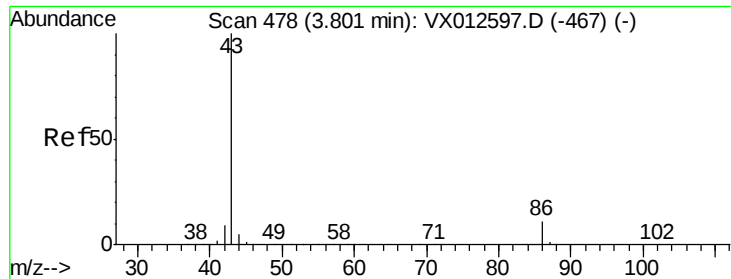
87 27.1 21.3 31.9

59 10.2 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.356 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 43 Resp: 649268

Ion Ratio Lower Upper

43 100

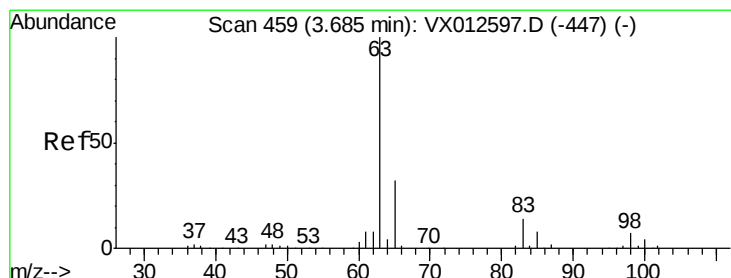
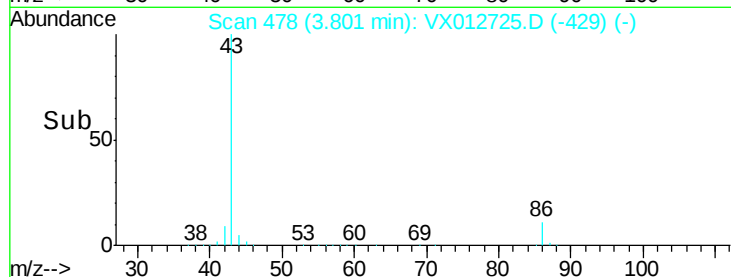
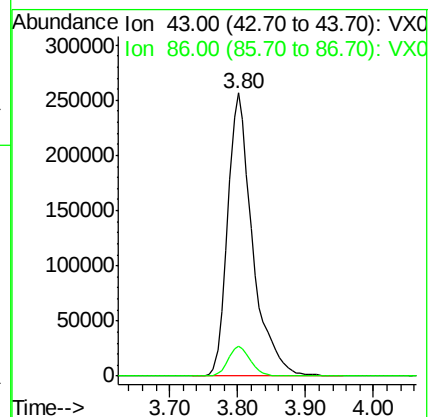
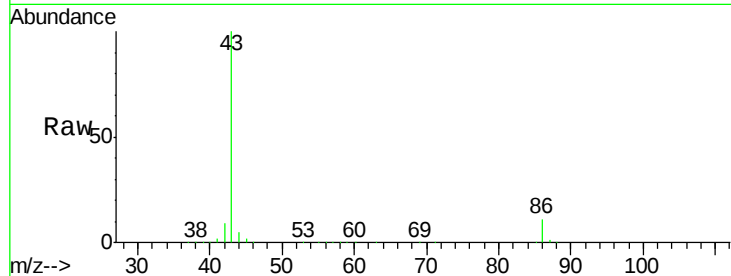
86 10.6 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 18.918 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

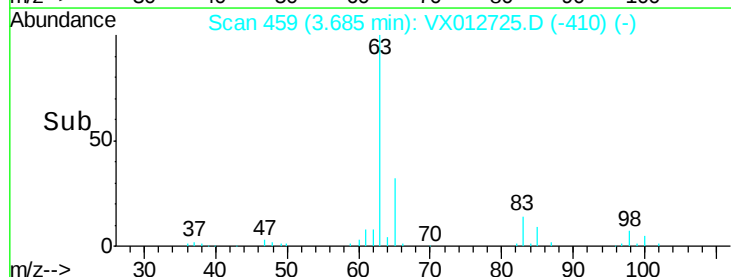
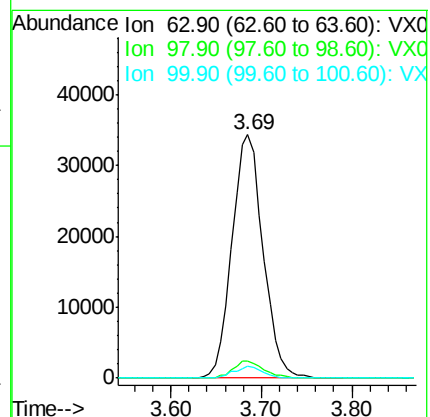
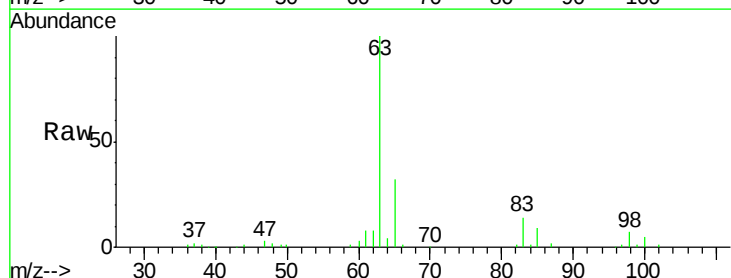
Tgt Ion: 63 Resp: 81553

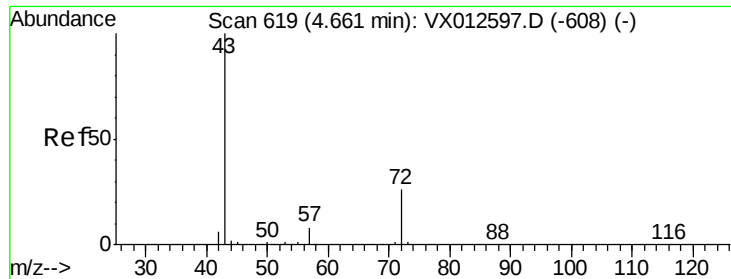
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 91.486 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 43 Resp: 194675

Ion Ratio Lower Upper

43 100

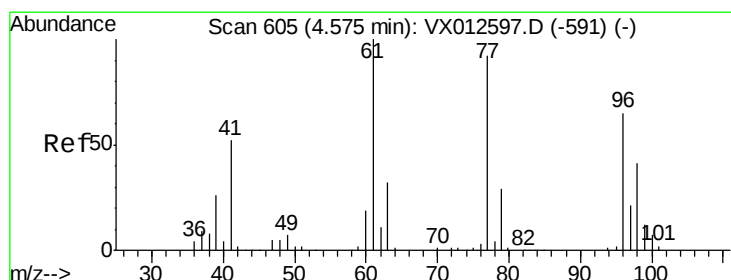
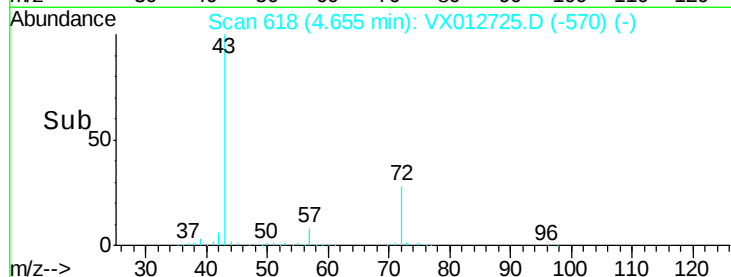
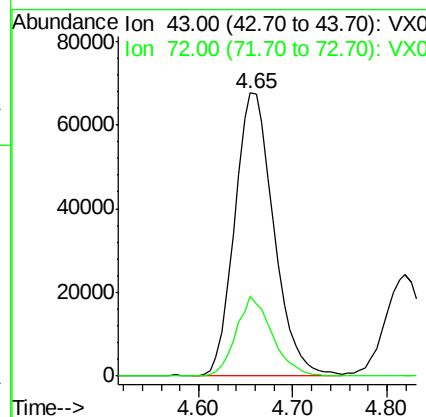
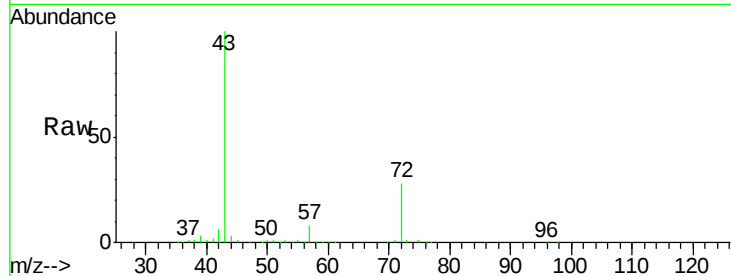
72 27.9 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.346 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012725.D

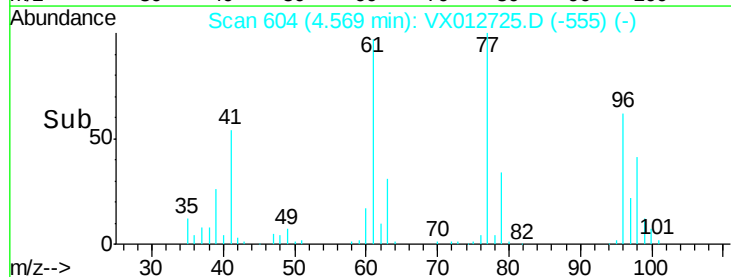
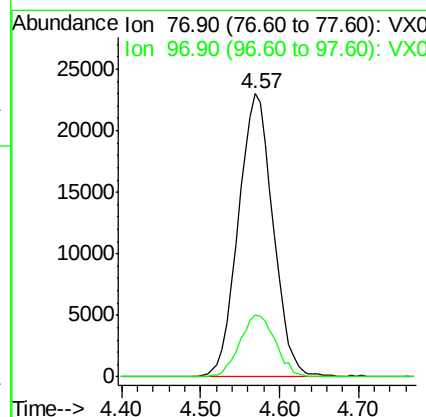
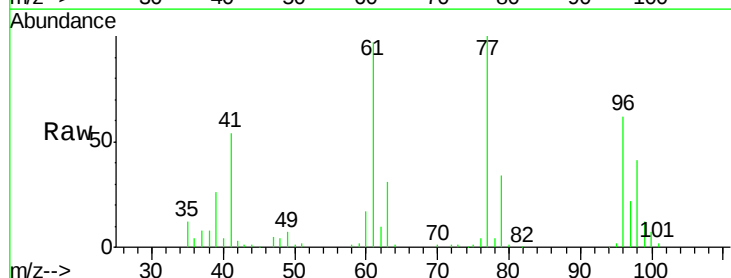
Acq: 01 Oct 2019 12:07

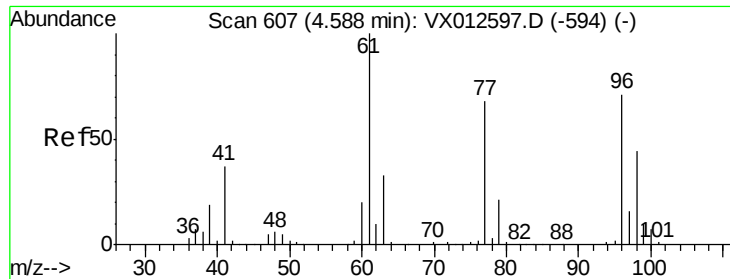
Tgt Ion: 77 Resp: 70341

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6





#27

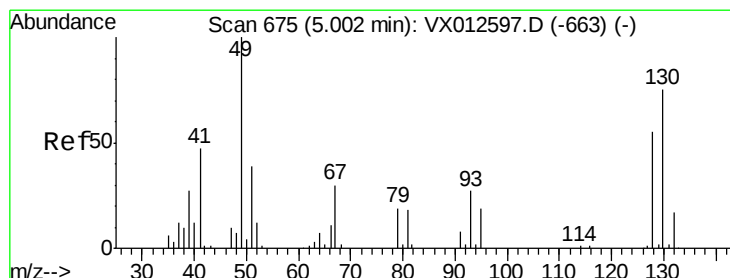
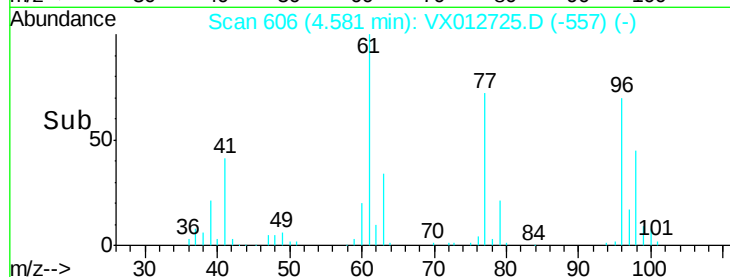
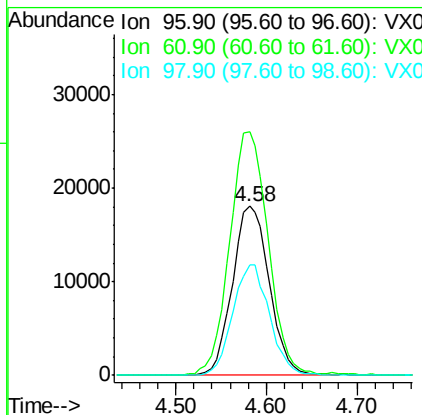
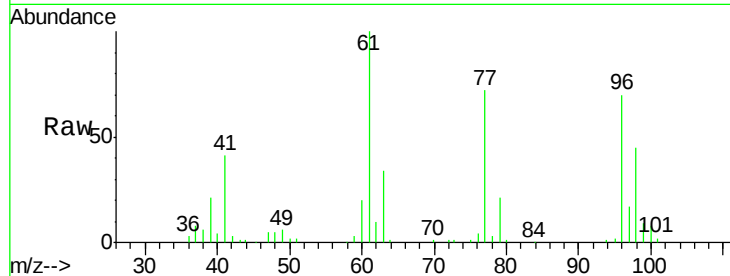
cis-1,2-Dichloroethene
Concen: 19.187 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	319.4
98	64.7	0.0	130.6

Manual Integrations
APPROVED

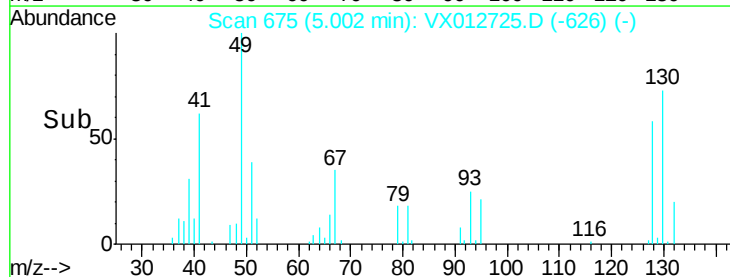
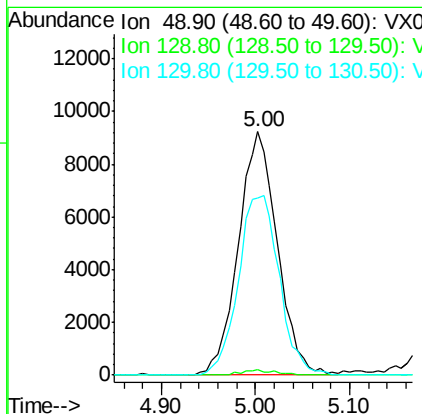
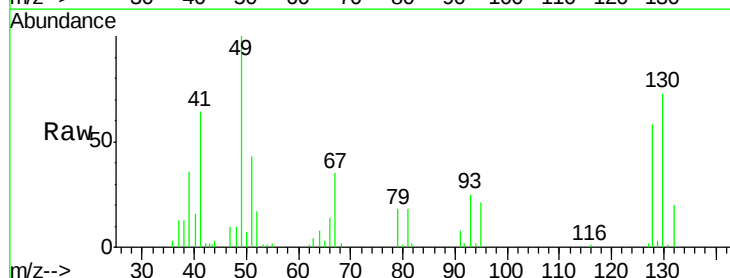
MMDadoda
10/2/2019 10:07:22 AM

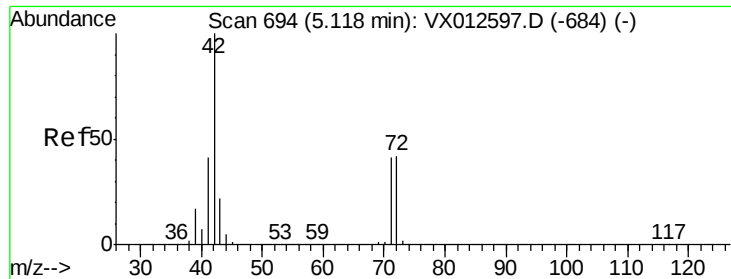


#28

Bromochloromethane
Concen: 17.062 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	77.4	58.2	87.4





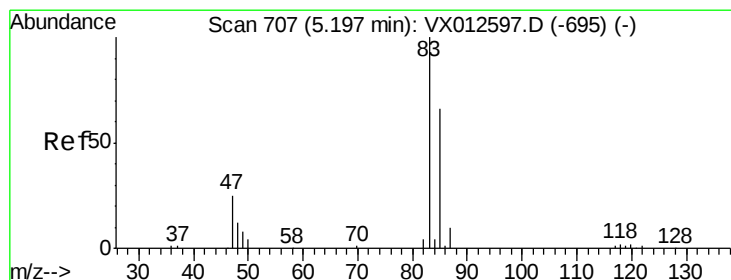
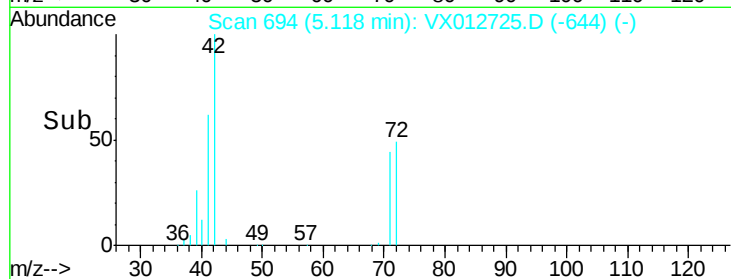
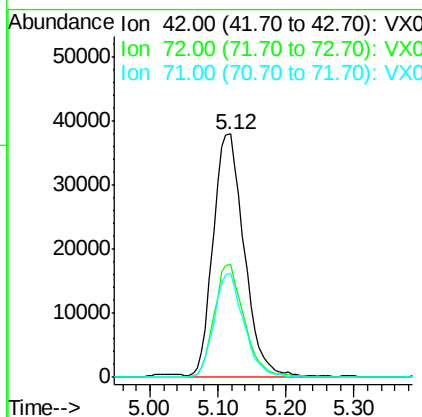
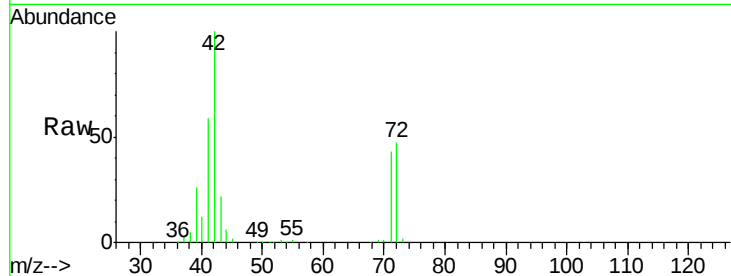
#29
Tetrahydrofuran
Concen: 92.342 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.0	51.0
71	41.2	31.5	47.3

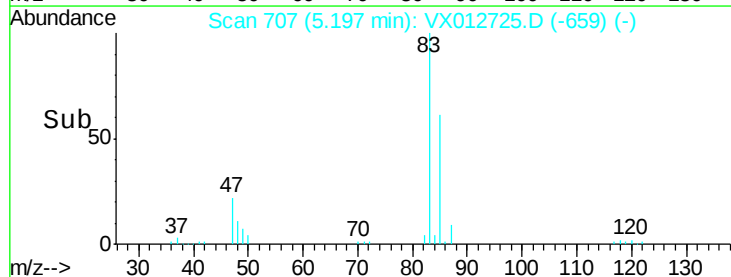
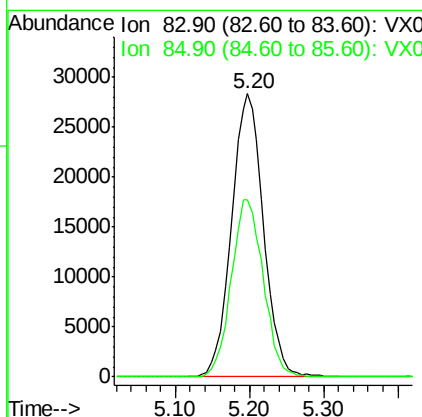
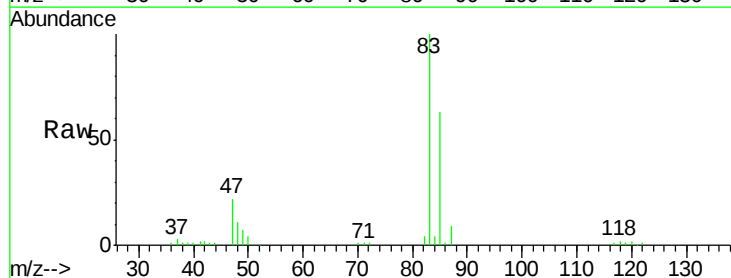
Manual Integrations
APPROVED

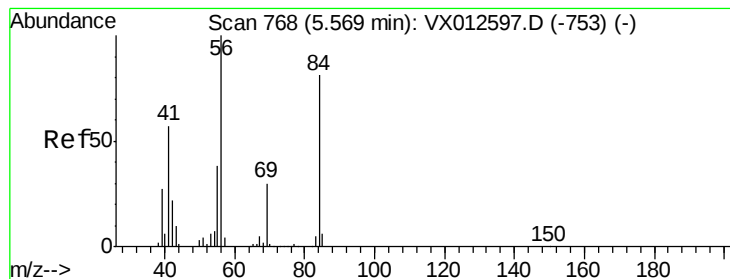
MMDadoda
10/2/2019 10:07:22 AM



#30
Chloroform
Concen: 19.230 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.0	79.4





#31

Cyclohexane

Concen: 19.175 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 56 Resp: 74783

Ion Ratio Lower Upper

56 100

69 30.3 25.0 37.6

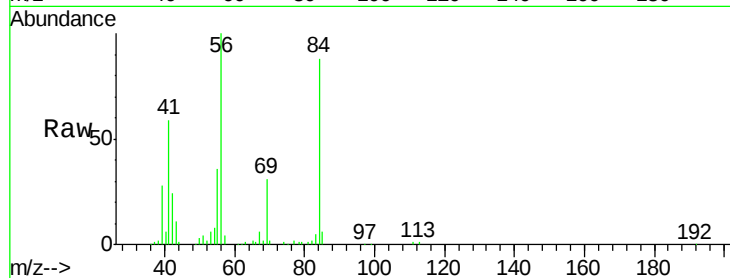
84 86.8 66.4 99.6

Manual Integrations

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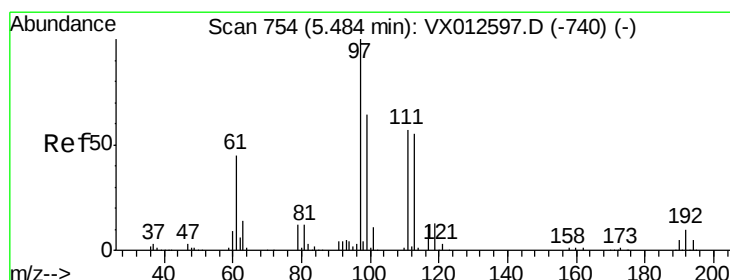
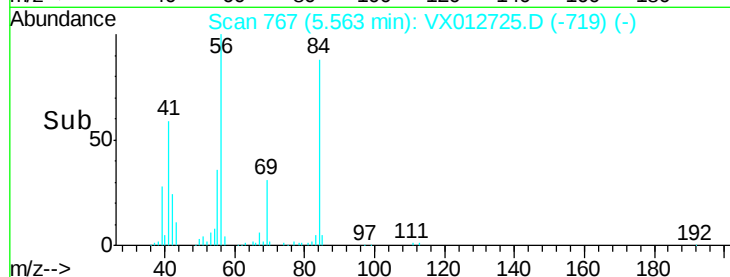
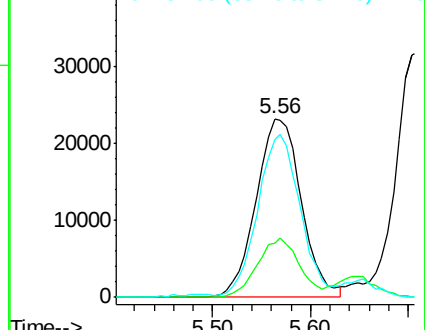
10/2/2019 10:07:22 AM



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: 18.751 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

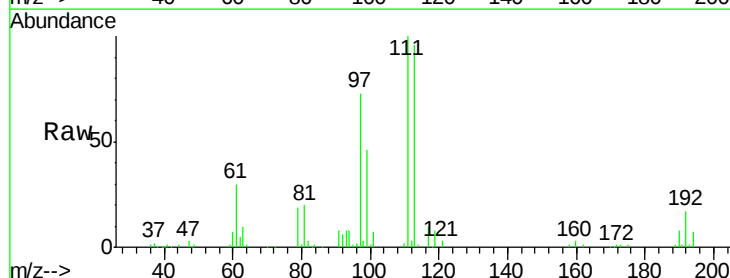
Tgt Ion: 97 Resp: 73295

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

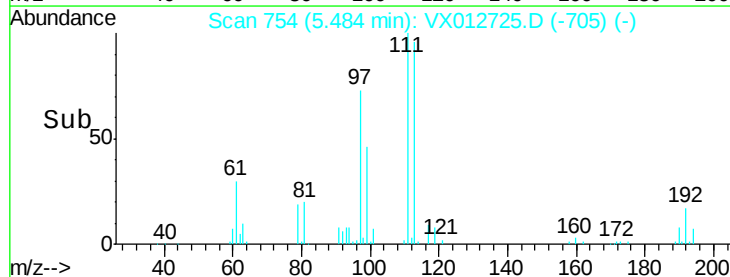
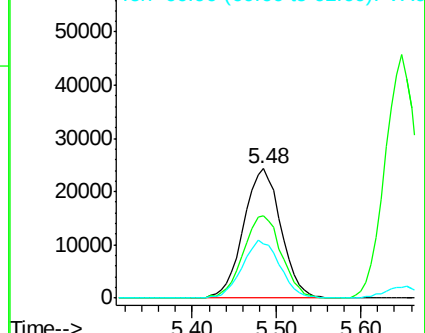
61 44.9 36.1 54.1

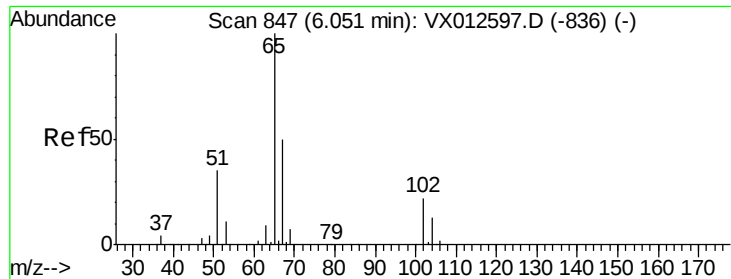


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 42.732 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

Tot Ion: 65 Resp: 119726

Ion Ratio Lower Upper

65 100

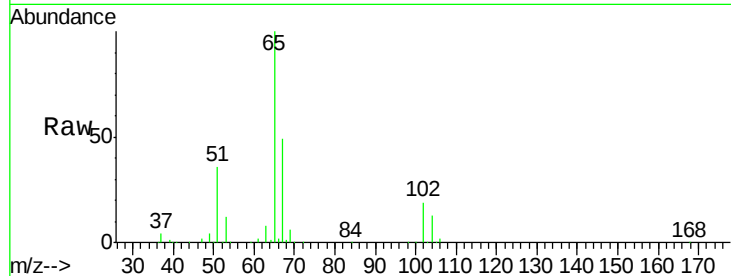
67 50.0 0.0 101.2

Manual Integrations

APPROVED

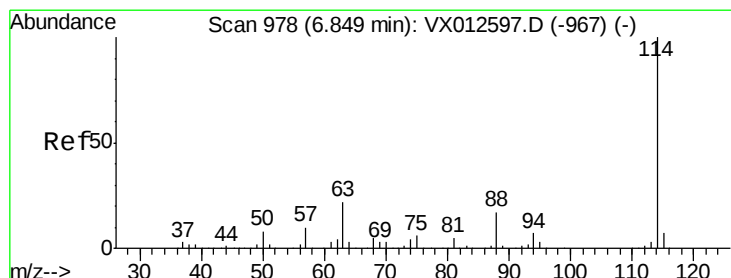
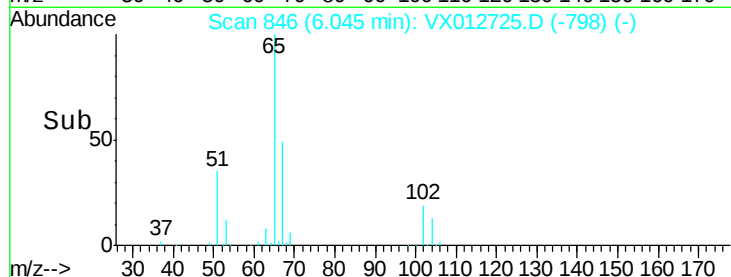
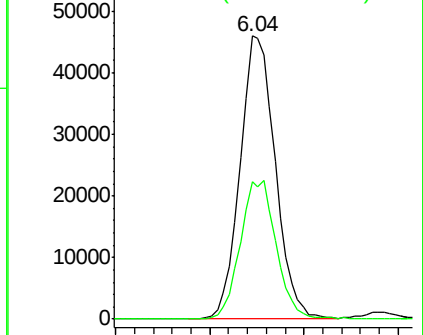
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

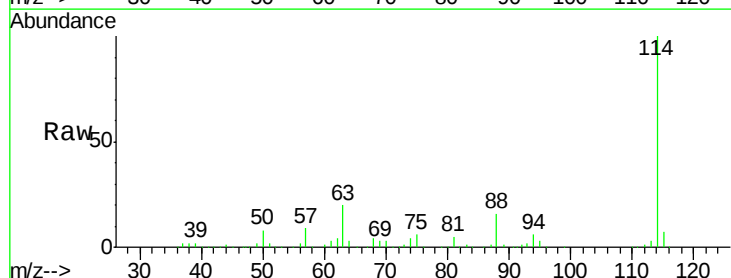
Tgt Ion: 114 Resp: 327625

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

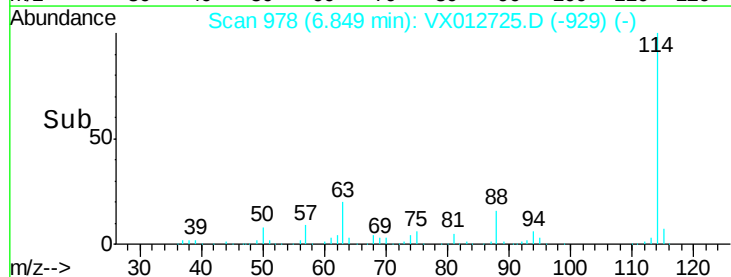
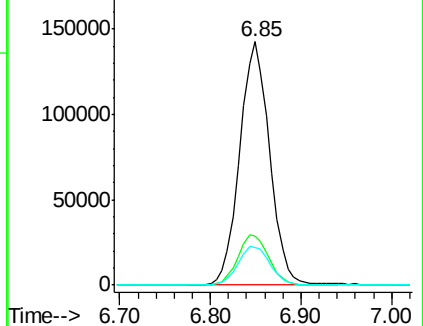
88 15.6 0.0 33.2

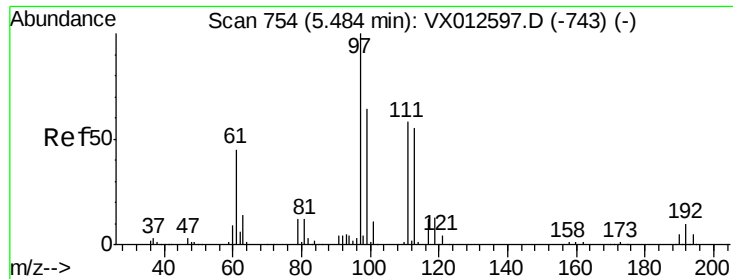


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





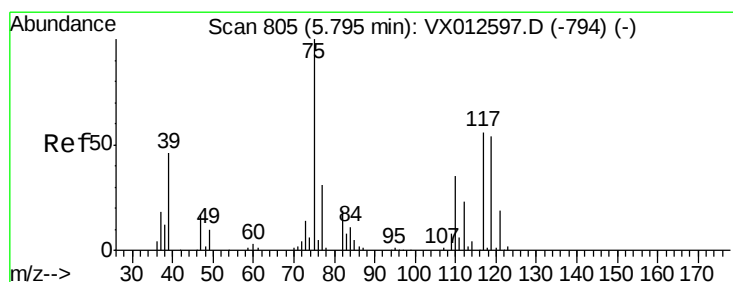
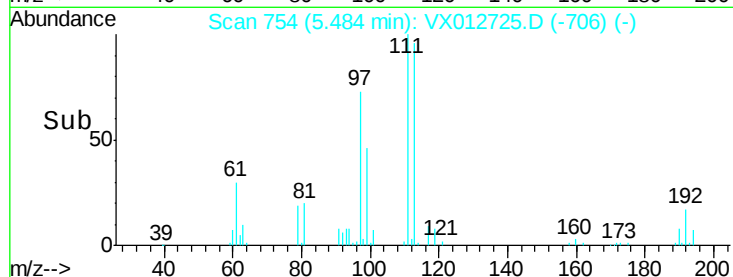
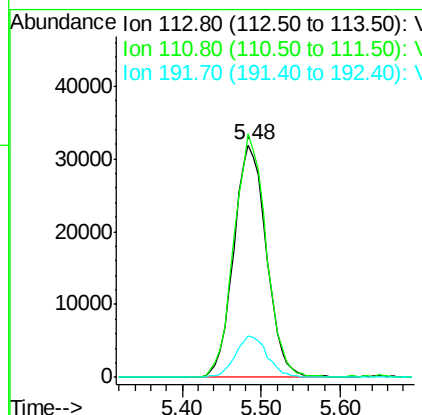
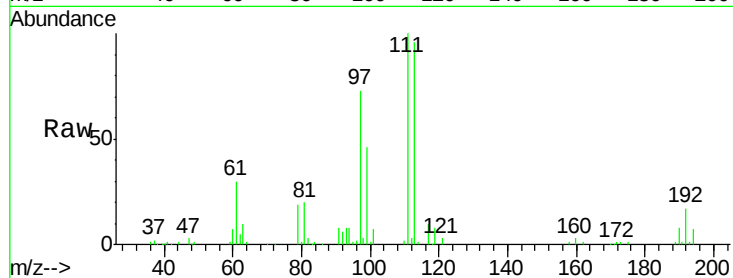
#35
Dibromofluoromethane
Concen: 47.111 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	17.5	14.4	21.6

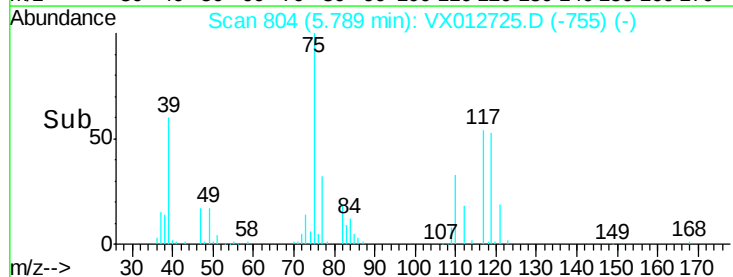
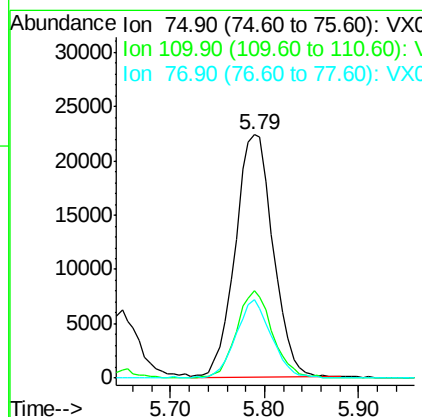
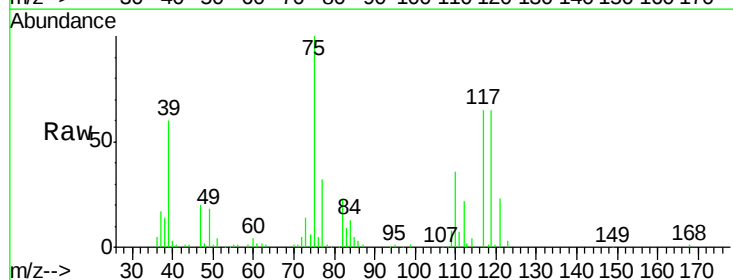
Manual Integrations
APPROVED

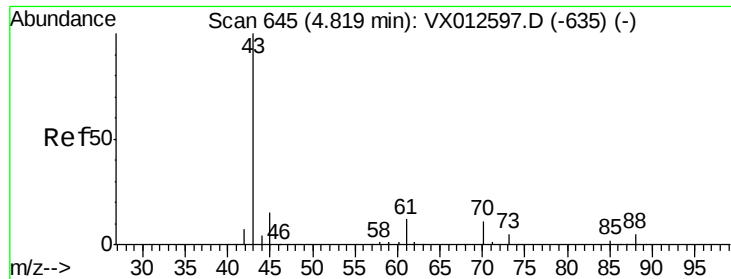
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.703 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.7	50.0
77	30.8	24.2	36.2





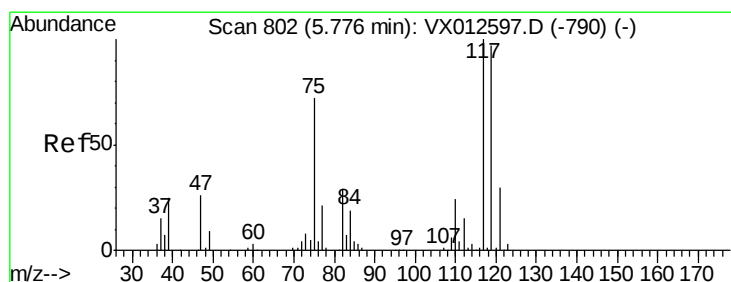
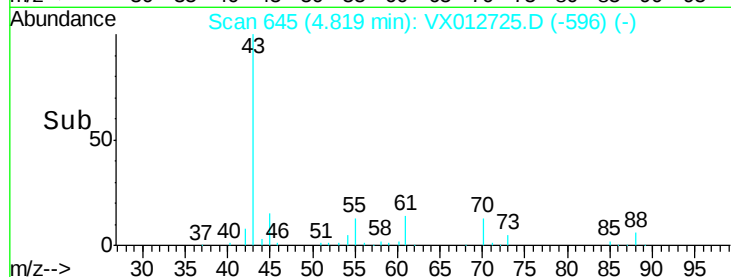
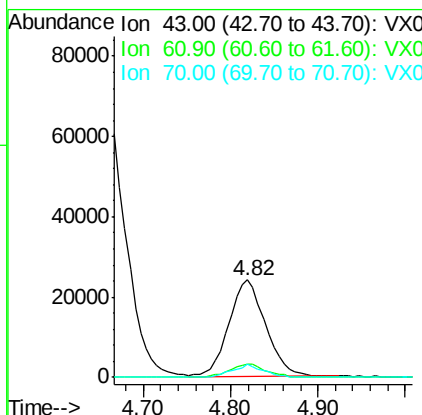
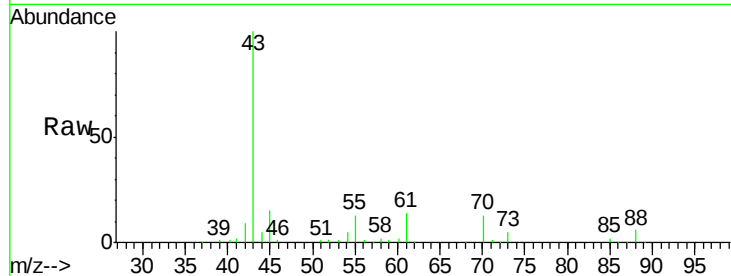
#37
Ethyl Acetate
Concen: 19.035 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.4
70	11.8	8.7	13.1

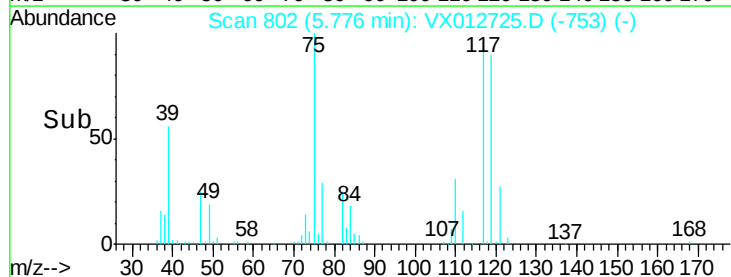
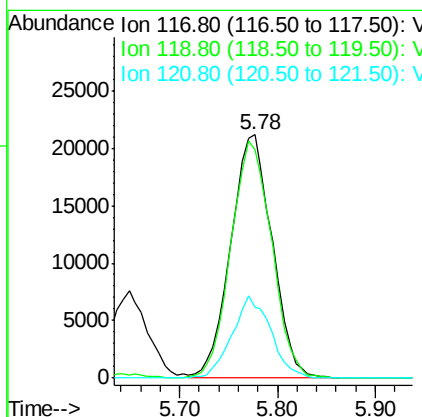
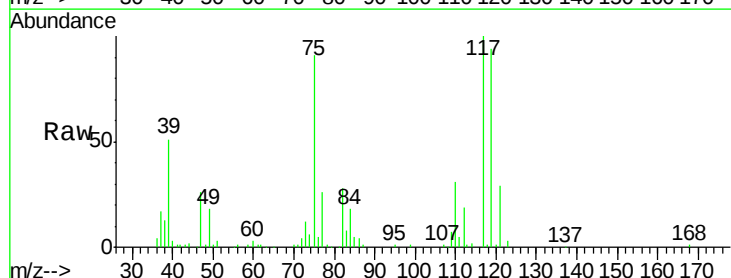
Manual Integrations
APPROVED

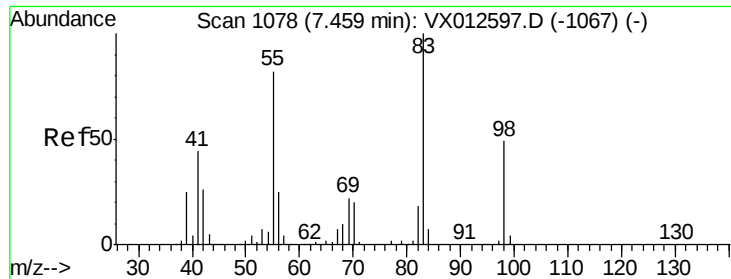
MMDadoda
10/2/2019 10:07:22 AM



#38
Carbon Tetrachloride
Concen: 19.409 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.7	113.5
121	28.9	24.2	36.4





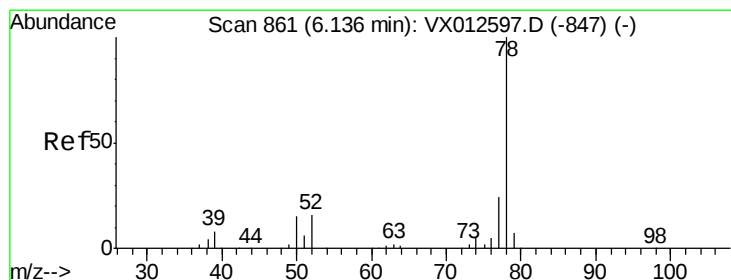
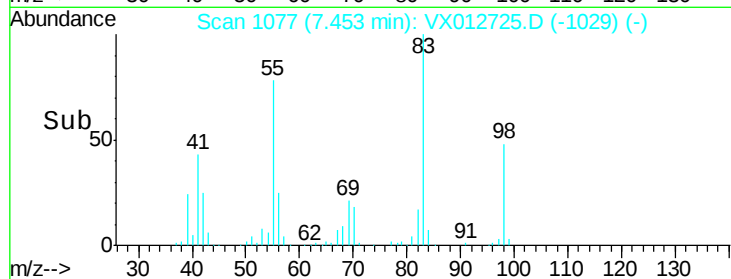
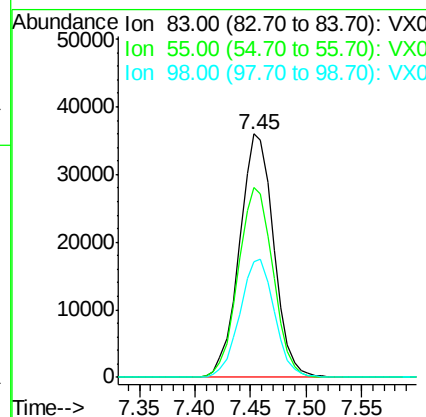
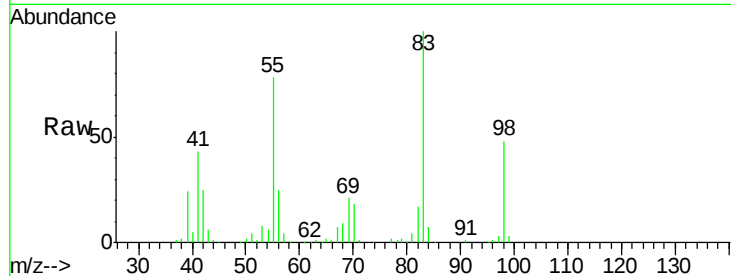
#39
Methylvlcyclohexane
Concen: 20.147 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	64.4	96.6
98	47.7	40.1	60.1

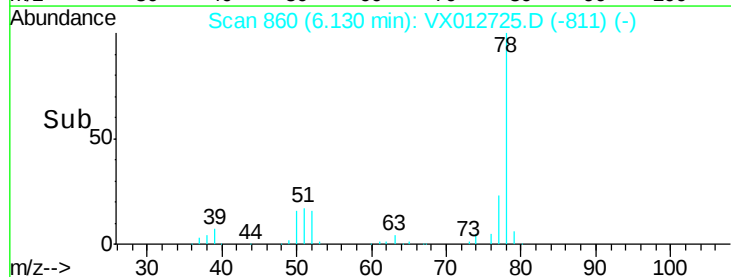
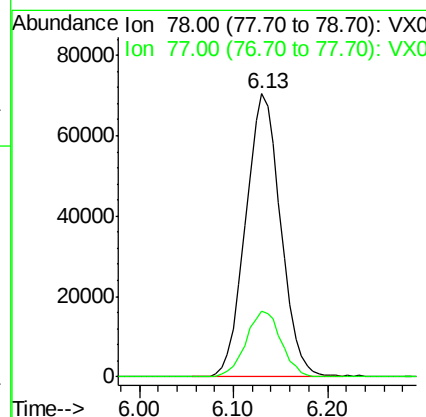
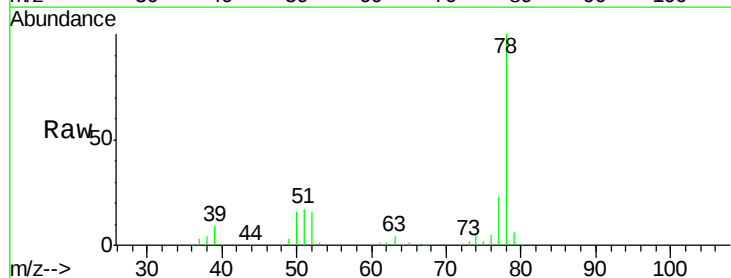
Manual Integrations
APPROVED

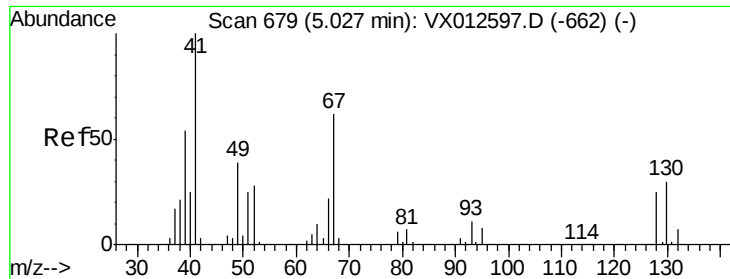
MMDadoda
10/2/2019 10:07:22 AM



#40
Benzene
Concen: 19.813 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





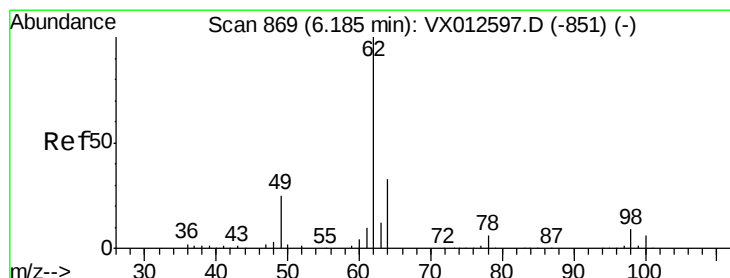
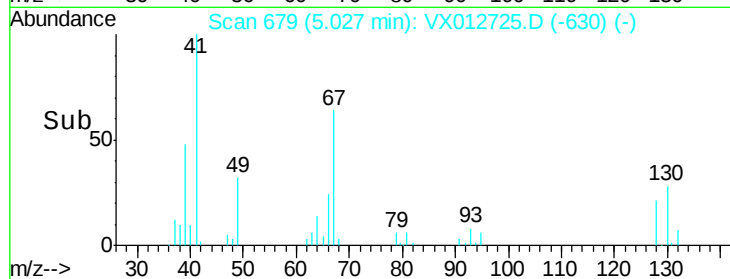
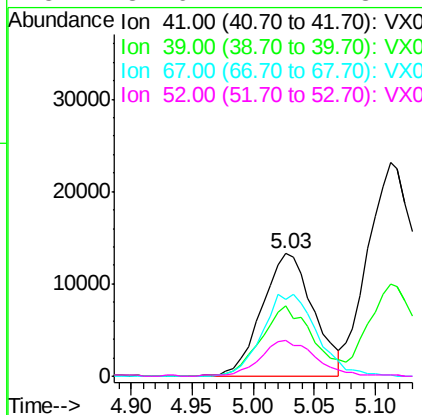
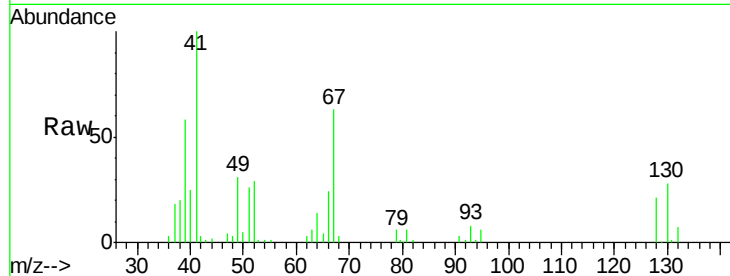
#41
Methacrylonitrile
Concen: 18.814 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.5	46.0	69.0	
67	71.0	52.2	78.2	
52	31.6	22.7	34.1	

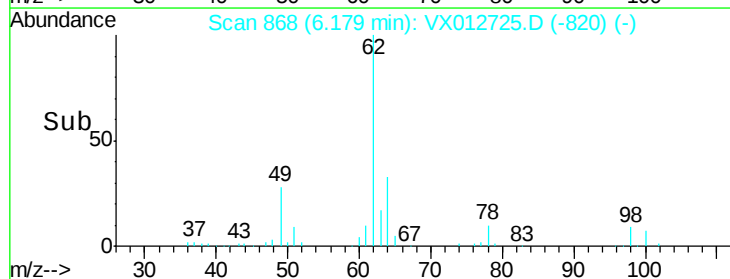
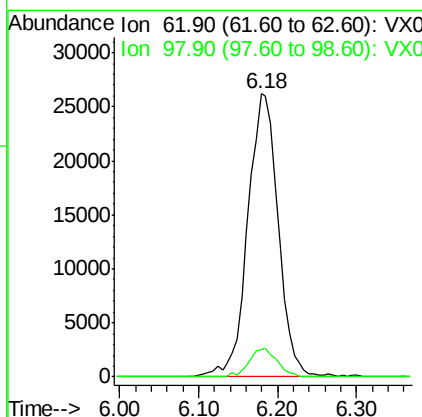
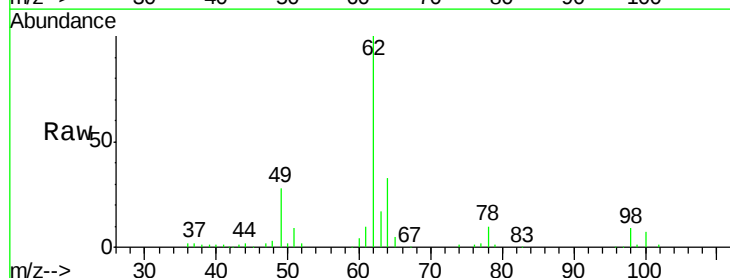
Manual Integrations
APPROVED

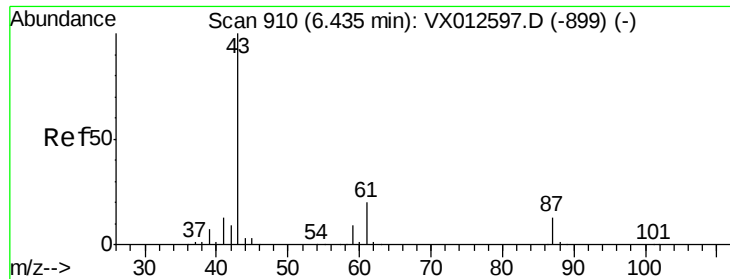
MMDadoda
10/2/2019 10:07:22 AM



#42
1,2-Dichloroethane
Concen: 19.967 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.8	





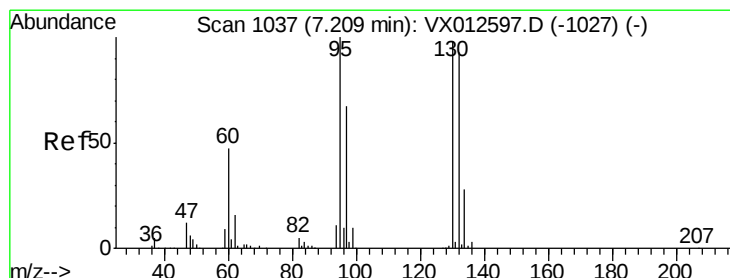
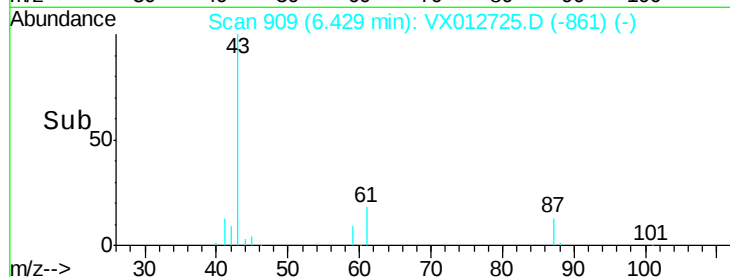
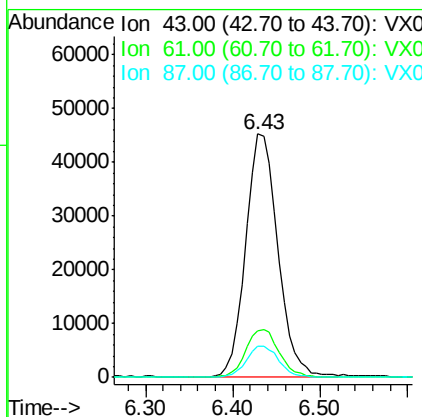
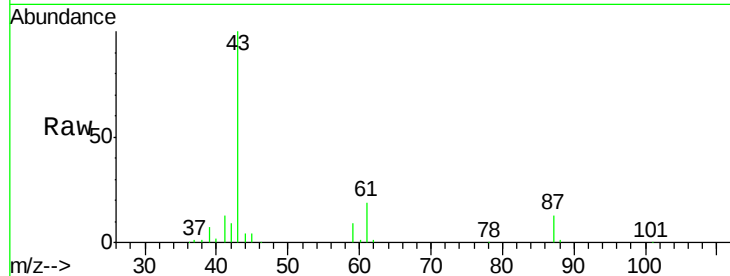
#43
Isopropyl Acetate
Concen: 18.793 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.4	23.0
87	12.9	9.8	14.8

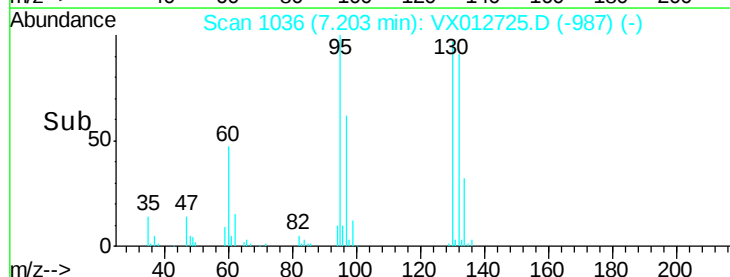
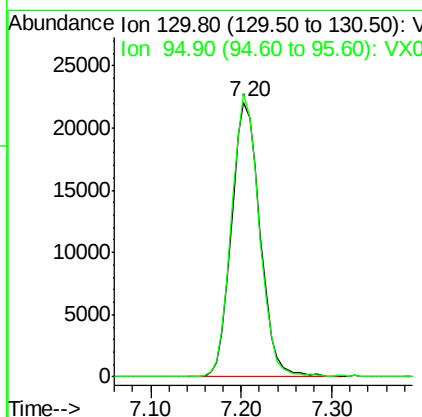
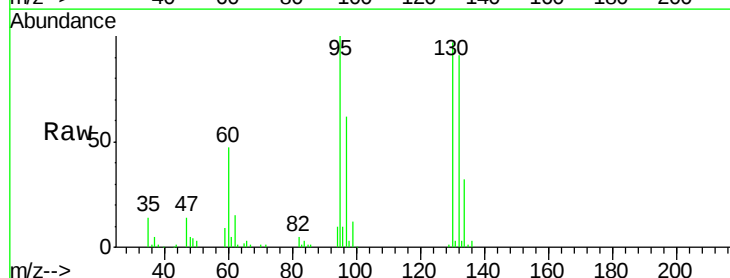
Manual Integrations
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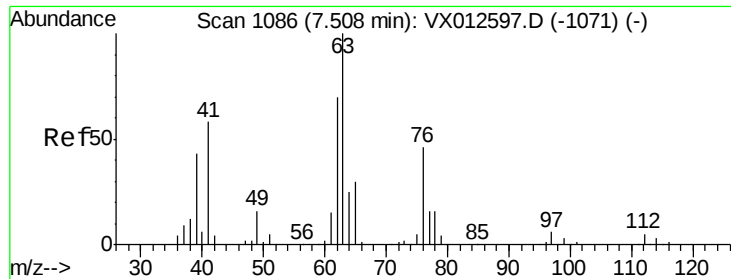
MMDadoda
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#44
Trichloroethene
Concen: 20.264 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	193.0





#45

1,2-Dichloropropane

Concen: 19.893 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

Tot Ion: 63 Resp: 47322

Ion Ratio Lower Upper

63 100

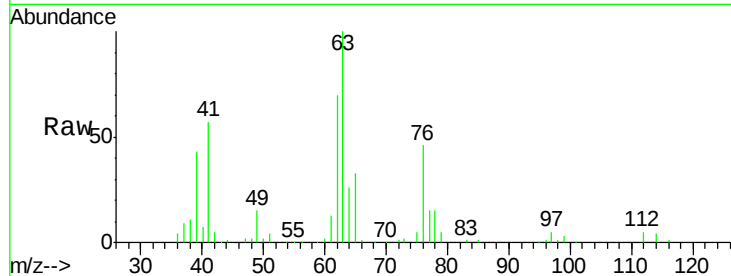
65 32.8 25.0 37.6

Manual Integrations

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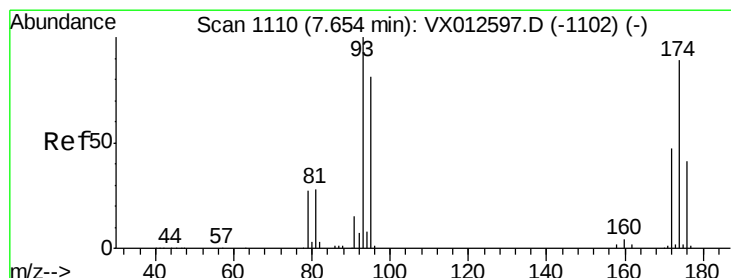
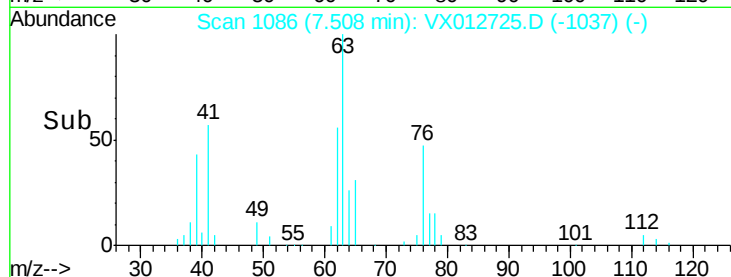
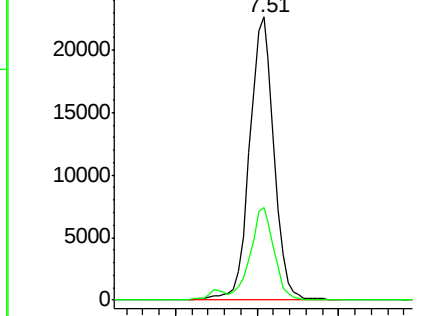
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.478 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

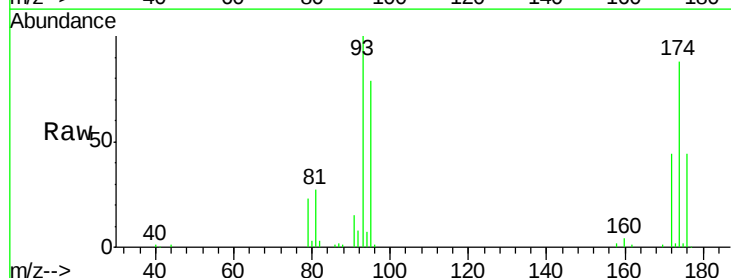
Tgt Ion: 93 Resp: 31548

Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

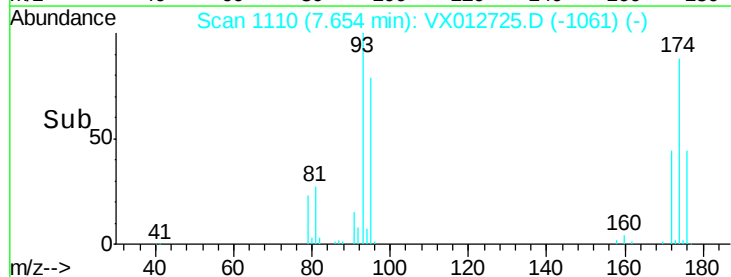
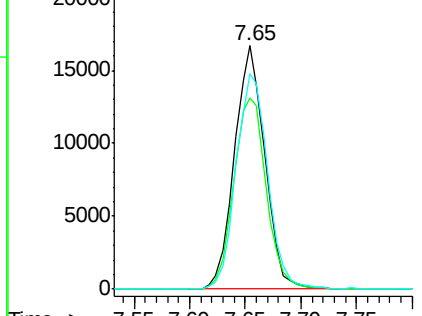
174 91.8 77.4 116.0

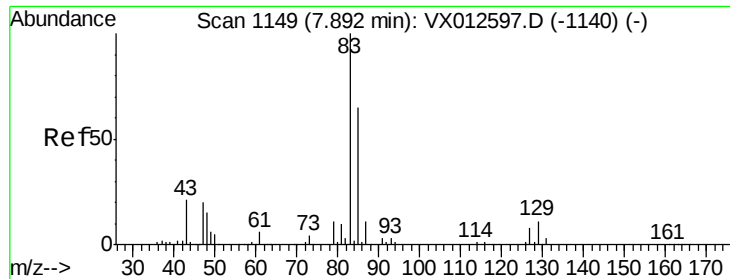


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





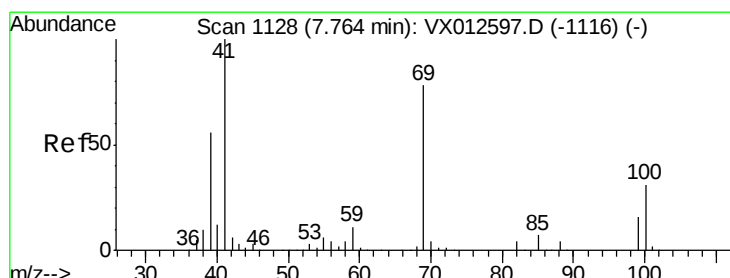
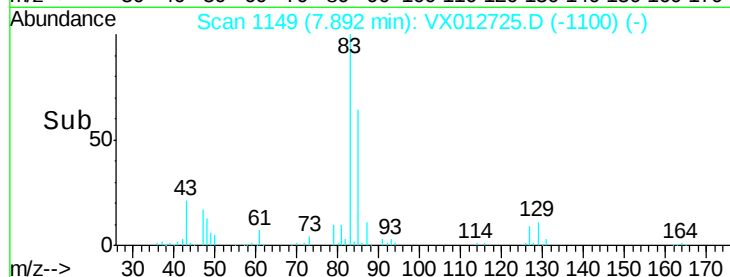
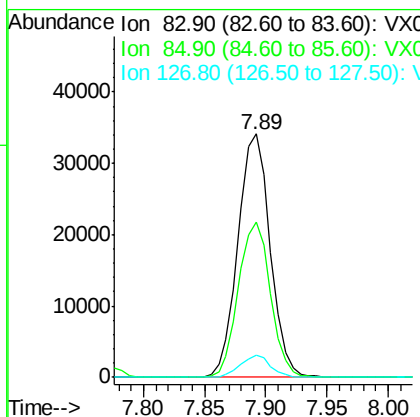
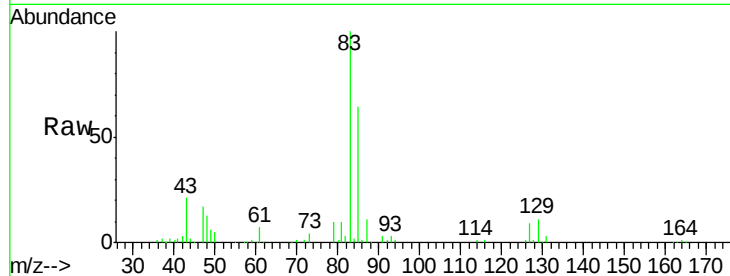
#47
Bromodichloromethane
Concen: 19.293 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	83	Resp	62453
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	51.8	77.6
127	9.2	7.3	10.9

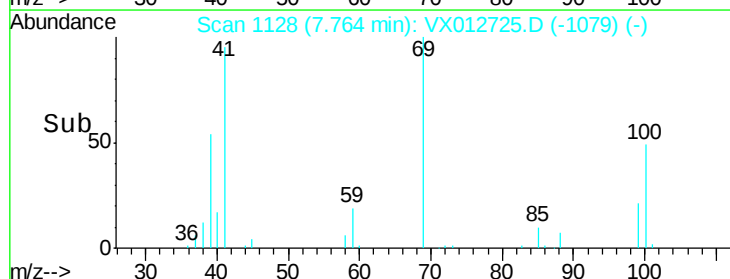
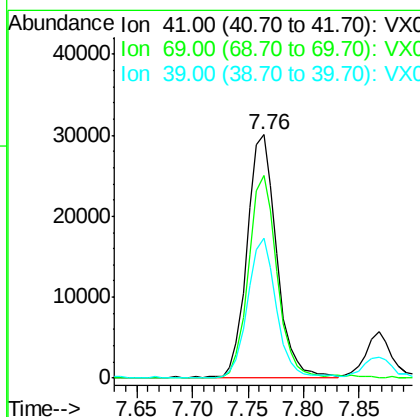
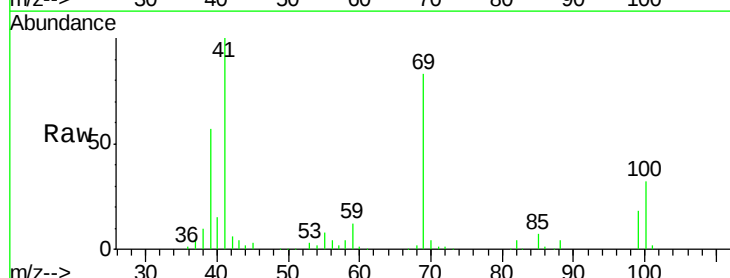
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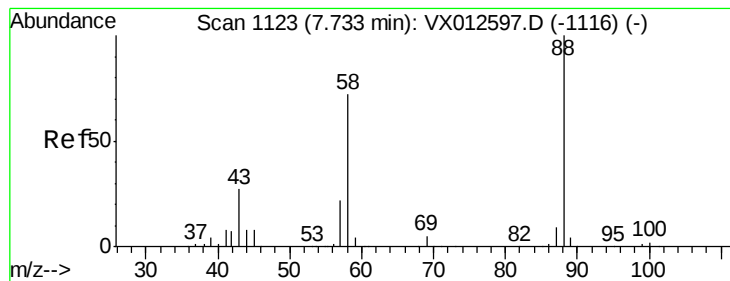
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#48
Methyl methacrylate
Concen: 18.652 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	41	Resp	55218
Ion Ratio	100	Lower	Upper
41	100		
69	80.8	59.9	89.9
39	56.7	47.8	71.6





#49

1,4-Dioxane

Concen: 389.643 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

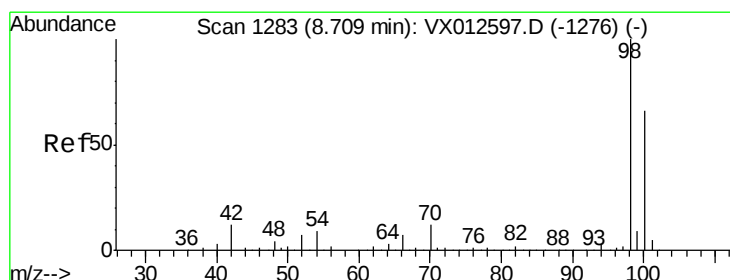
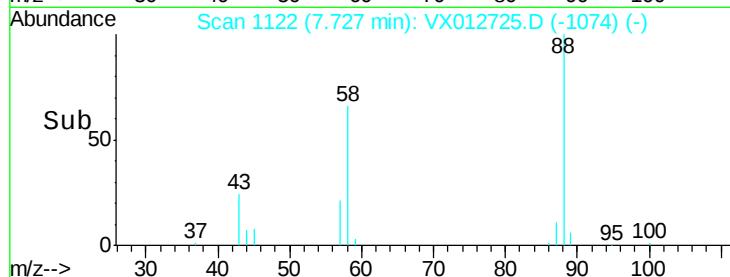
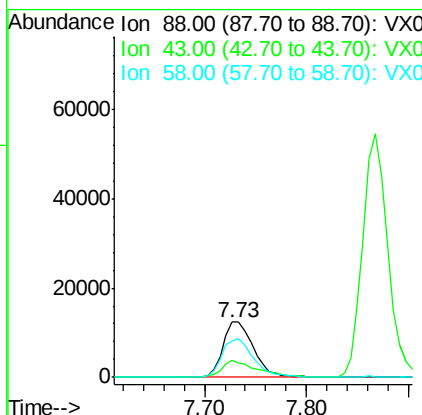
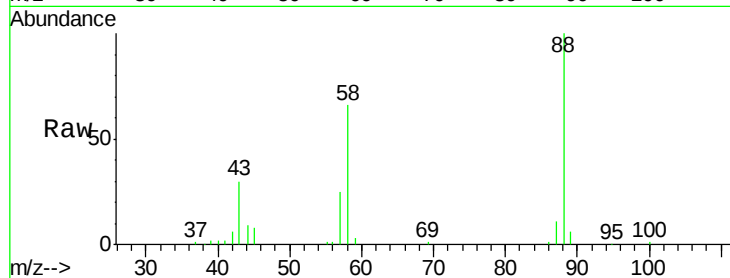
ClientSampleId :

VX1001WBS01

Tot Ion:	88	Resp:	26164
Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.4	44.0
58	71.8	57.5	86.3

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#50

Toluene-d8

Concen: 45.483 ug/l

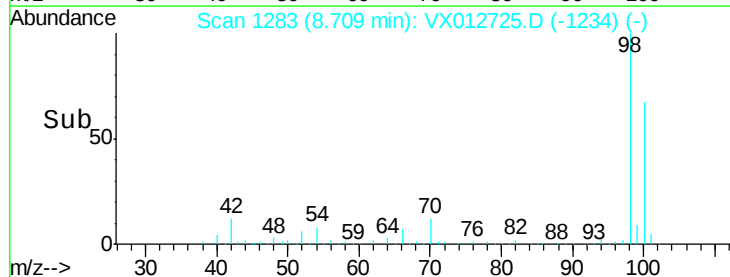
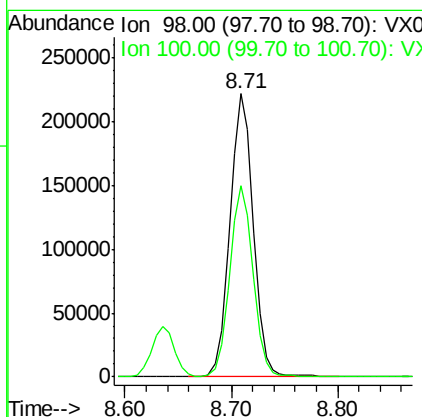
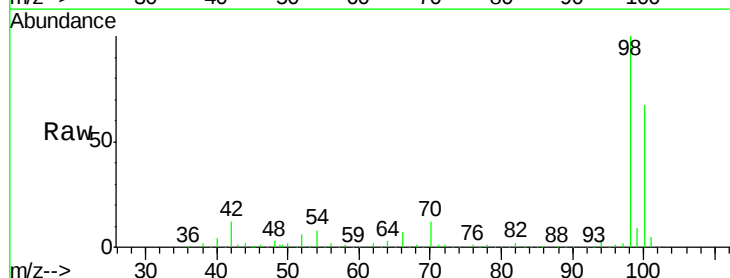
RT: 8.71 min Scan# 1283

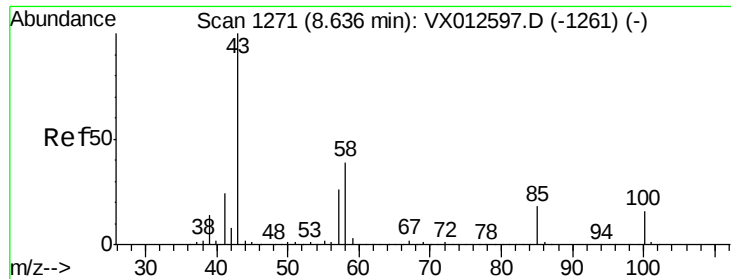
Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion:	98	Resp:	341760
Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 94.556 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

Tot Ion: 43 Resp: 360372

Ion Ratio Lower Upper

43 100

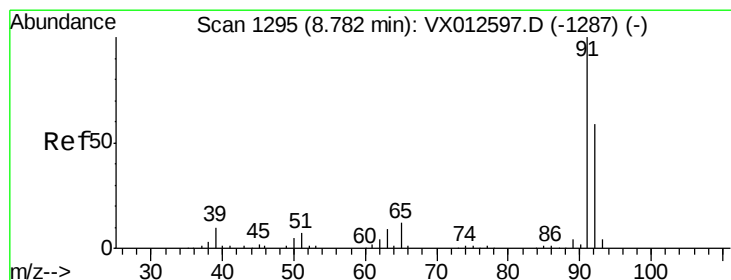
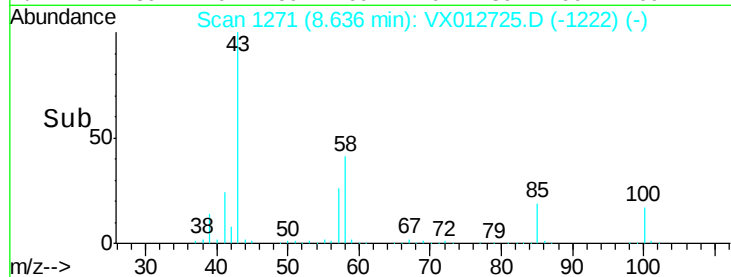
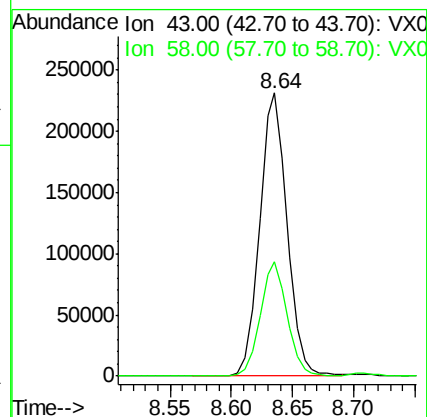
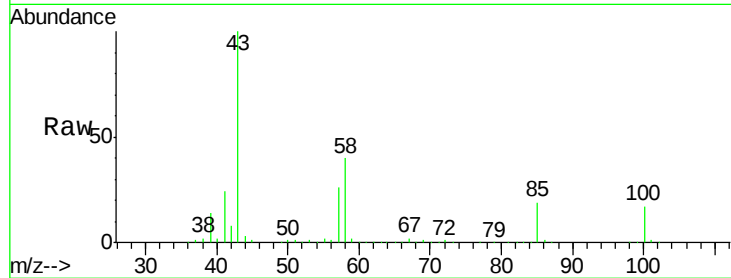
58 39.5 29.8 44.6

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#52

Toluene

Concen: 19.932 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012725.D

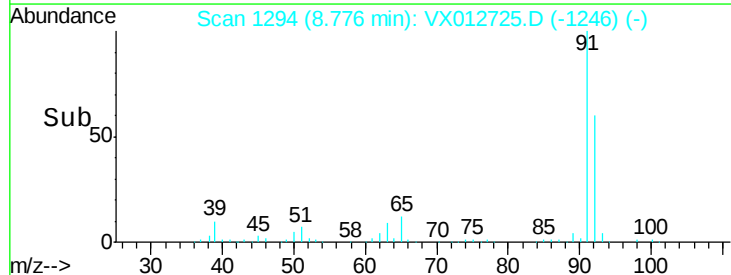
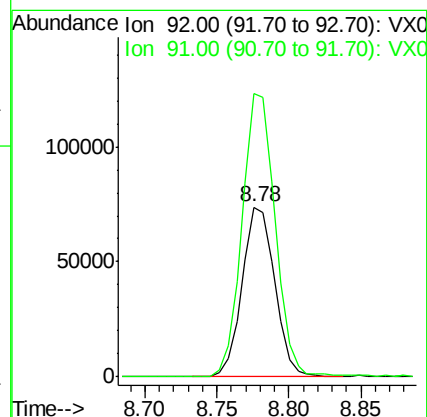
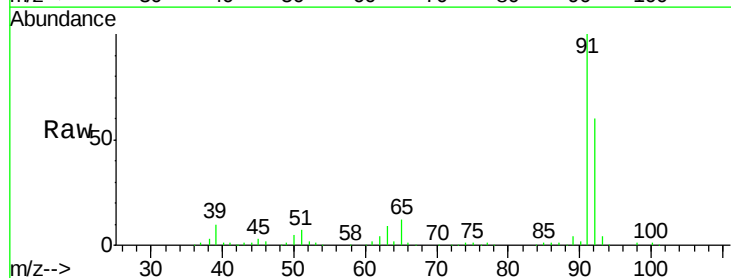
Acq: 01 Oct 2019 12:07

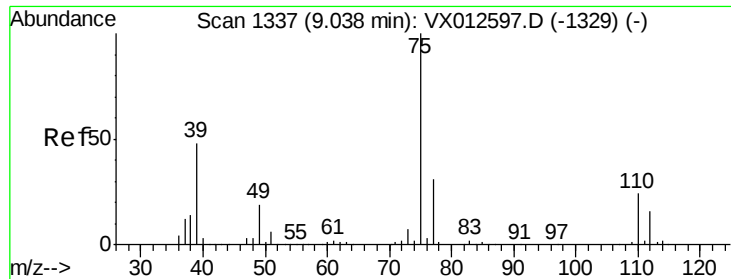
Tgt Ion: 92 Resp: 116399

Ion Ratio Lower Upper

92 100

91 168.6 135.4 203.0





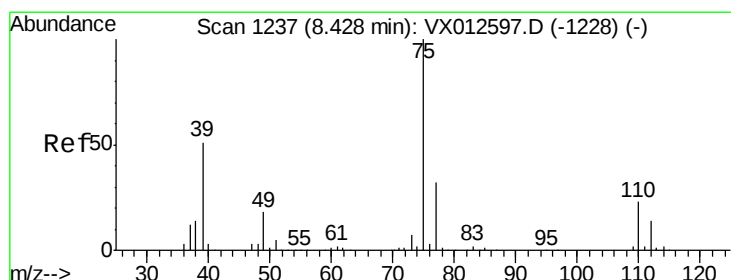
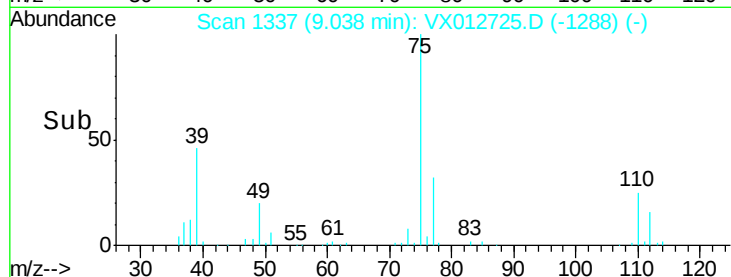
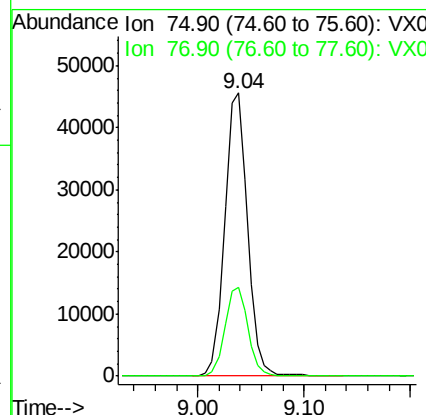
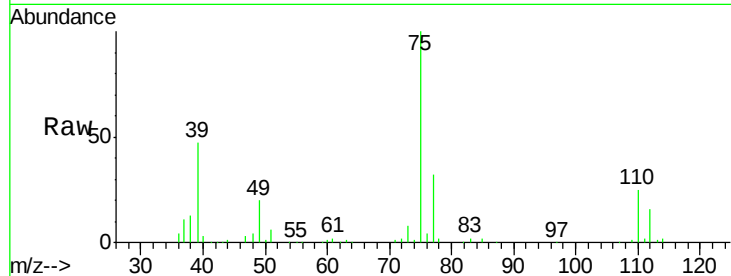
#53
t-1,3-Dichloropropene
Concen: 19.058 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 75 Resp: 68256
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

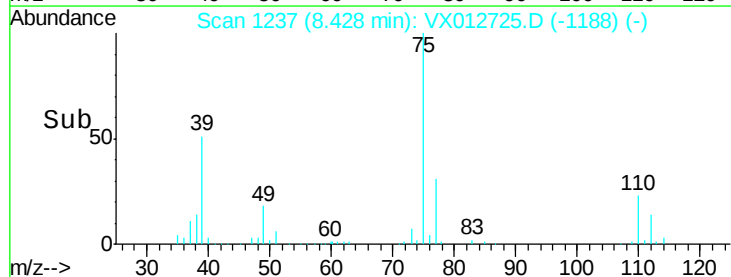
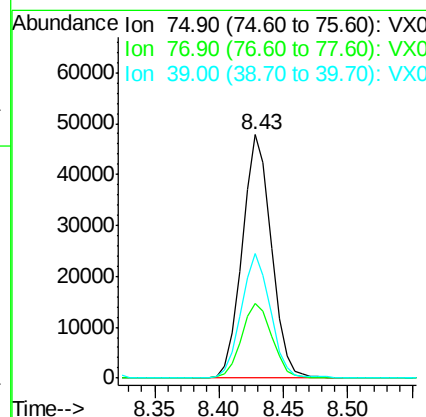
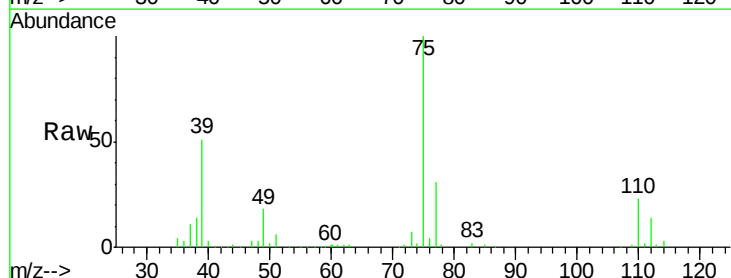
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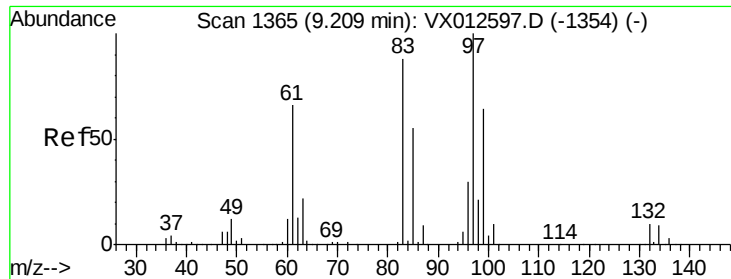
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#54
cis-1,3-Dichloropropene
Concen: 19.161 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion: 75 Resp: 74929
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.8
39 51.4 45.5 68.3





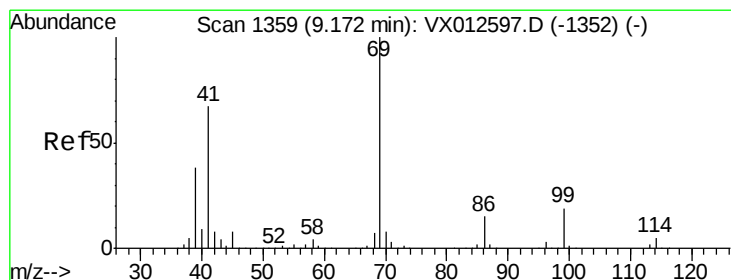
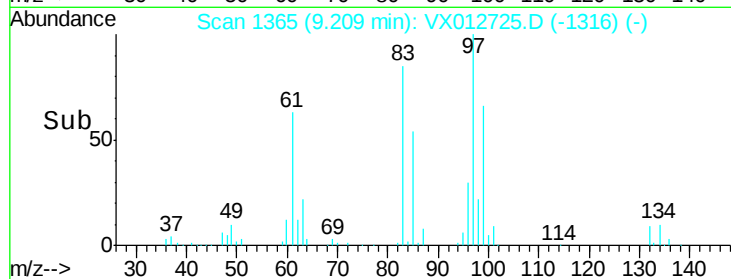
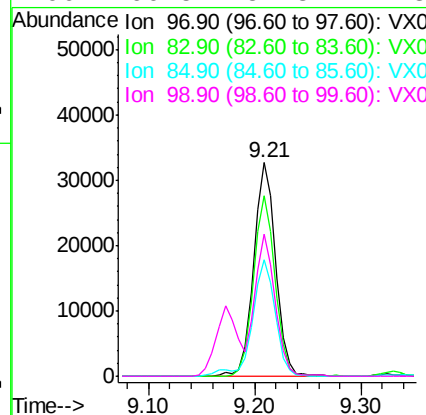
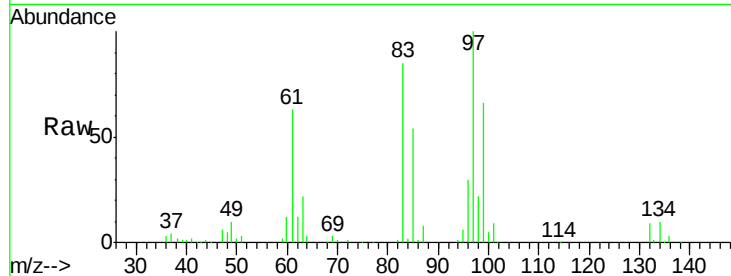
#55
 1,1,2-Trichloroethane
 Concen: 20.348 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Tot Ion:	97	Resp:	47243
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.4	101.2
85	54.3	43.5	65.3
99	66.5	51.8	77.8

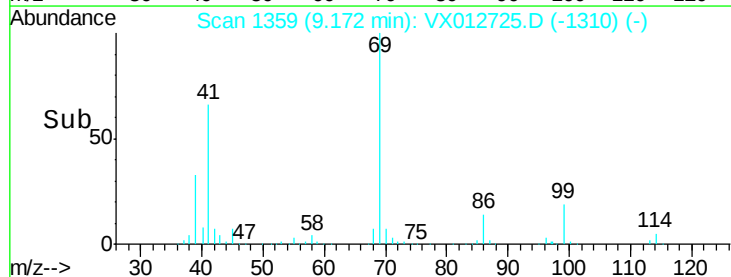
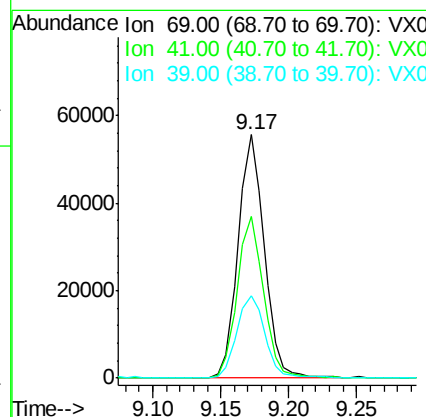
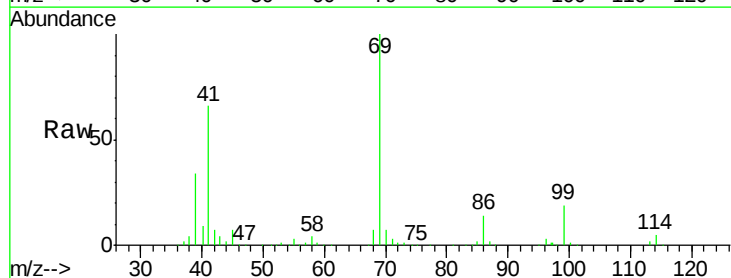
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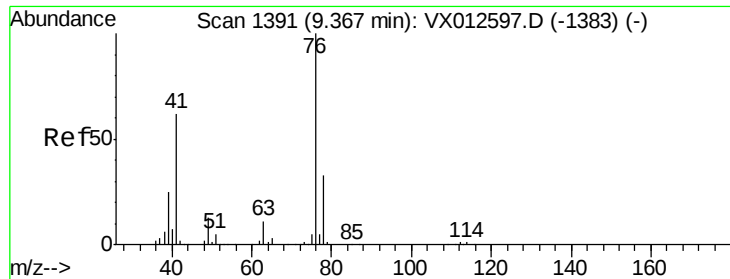
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#56
 Ethyl methacrylate
 Concen: 19.191 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Tgt Ion:	69	Resp:	74854
Ion	Ratio	Lower	Upper
69	100		
41	66.7	58.4	87.6
39	36.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.948 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS01

Tot Ion: 76 Resp: 81057

Ion Ratio Lower Upper

76 100

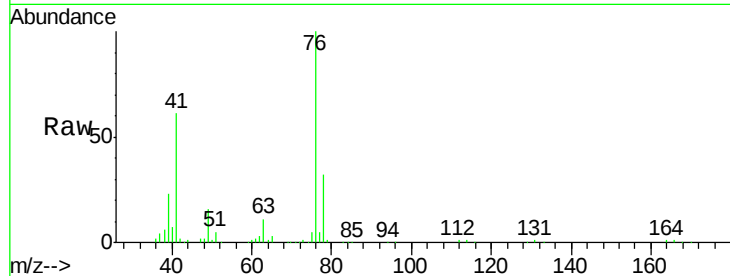
78 32.1 26.2 39.2

Manual Integrations

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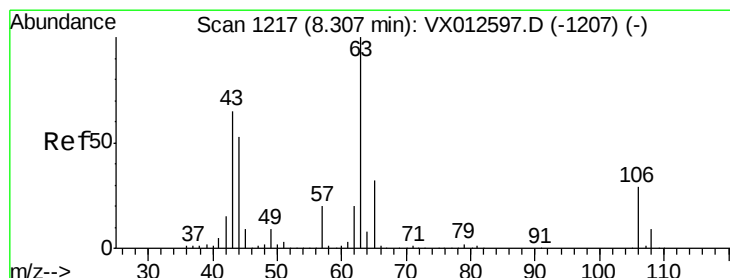
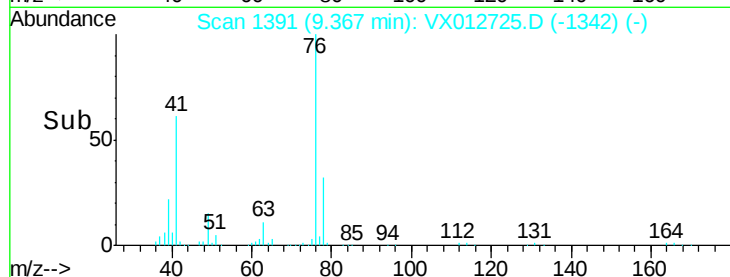
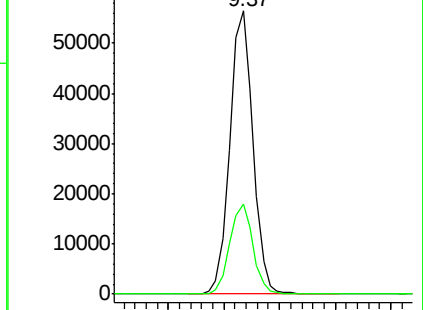
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.256 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012725.D

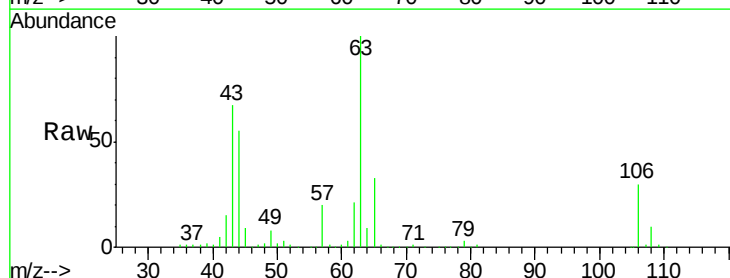
Acq: 01 Oct 2019 12:07

Tgt Ion: 63 Resp: 170281

Ion Ratio Lower Upper

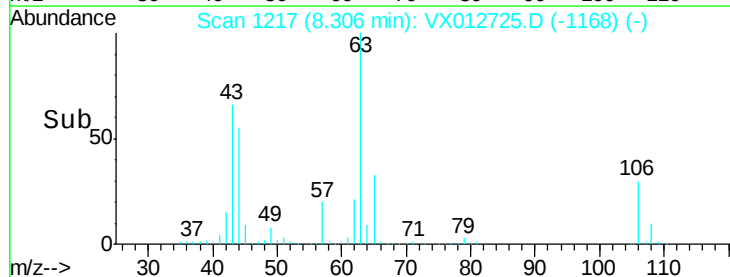
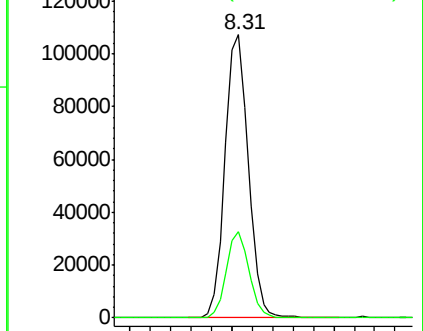
63 100

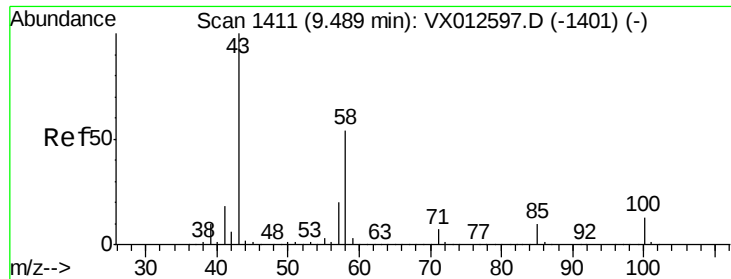
106 29.6 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





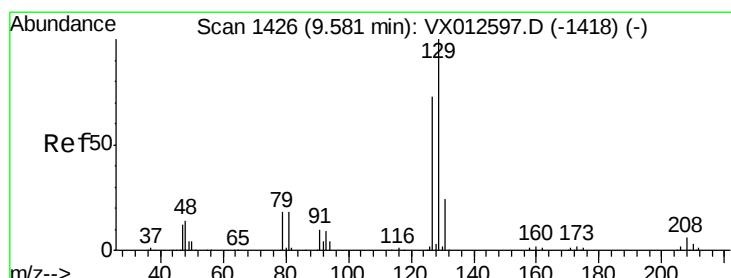
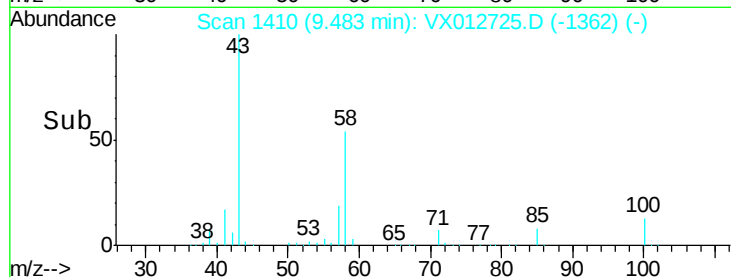
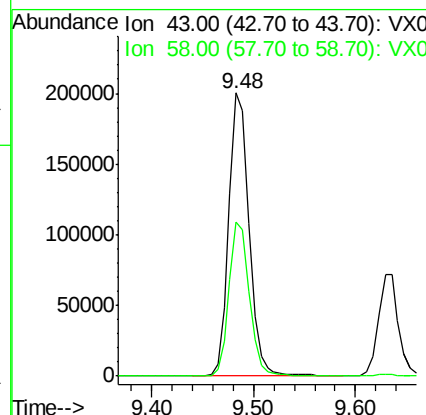
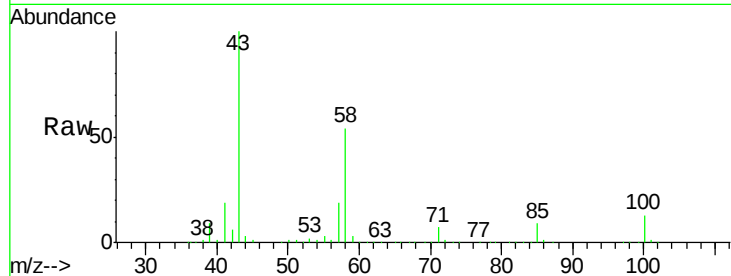
#59
2-Hexanone
Concen: 94.962 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 43 Resp: 277026
Ion Ratio Lower Upper
43 100
58 54.9 25.7 77.1

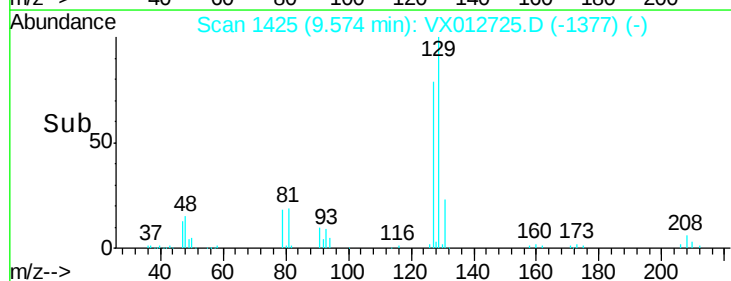
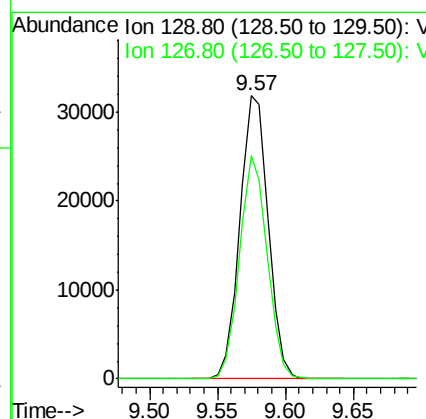
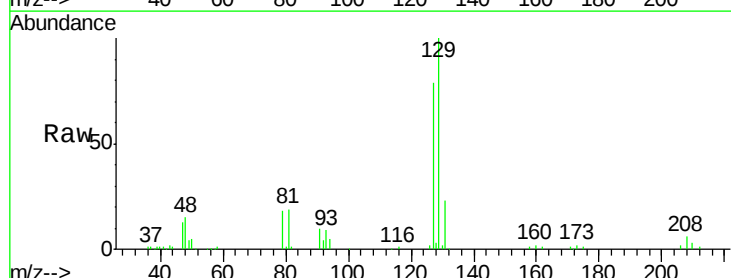
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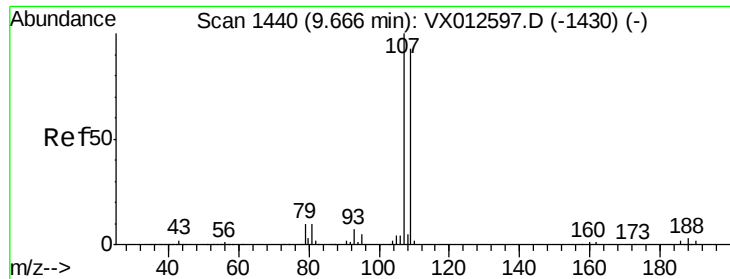
MMDadoda
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#60
Dibromochloromethane
Concen: 19.714 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion:129 Resp: 46334
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.153 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion:107 Resp: 48695

Ion Ratio Lower Upper

107 100

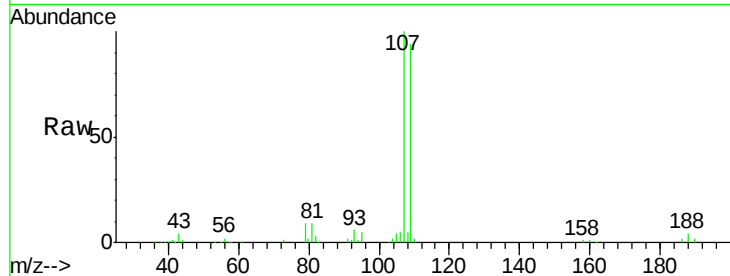
109 94.8 74.7 112.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

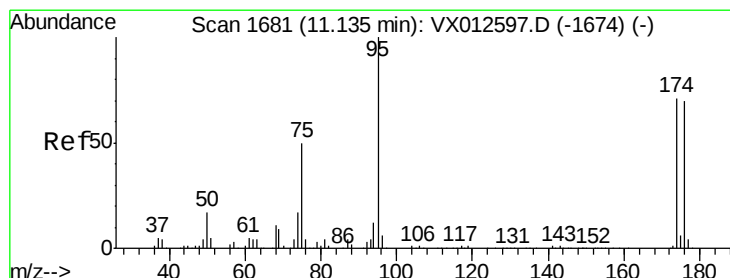
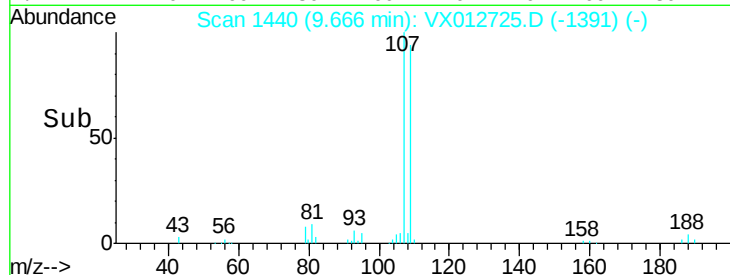
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.166 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

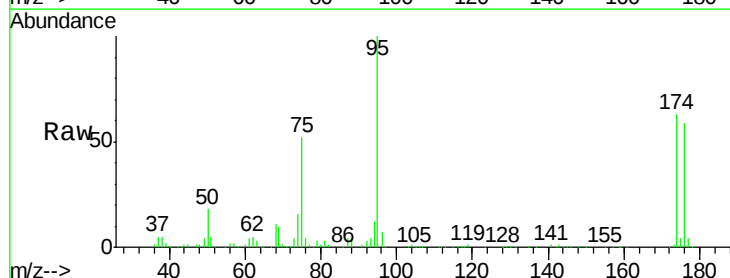
Tgt Ion: 95 Resp: 133445

Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.0

176 66.9 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

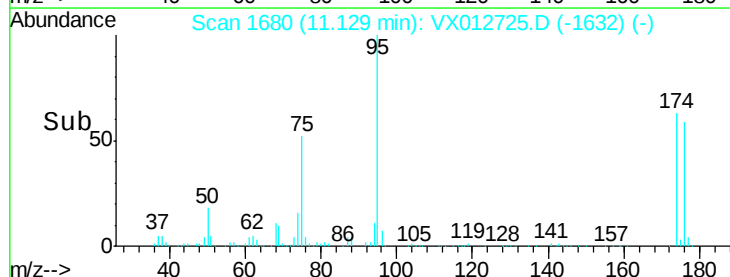
100000

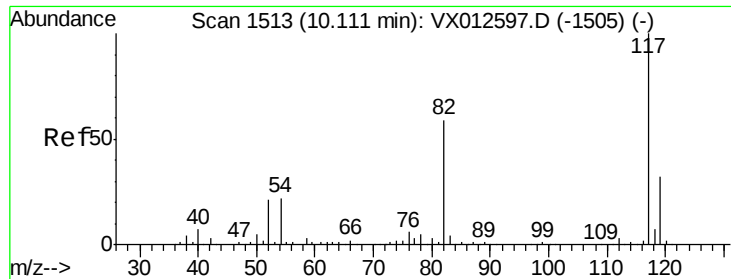
50000

0

Time-->

11.10 11.20





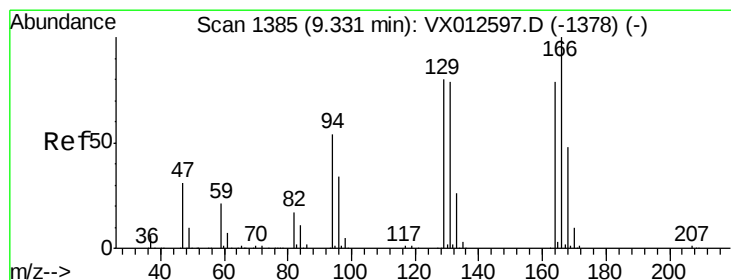
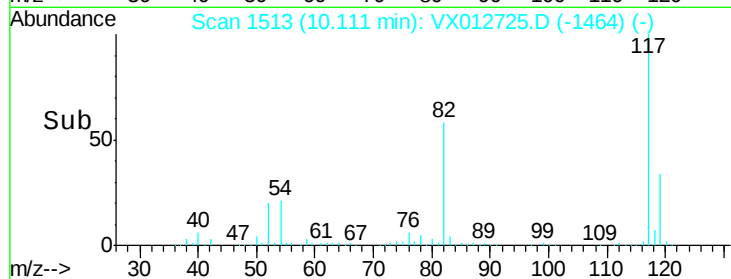
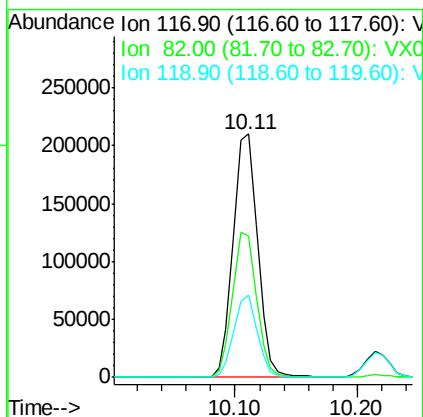
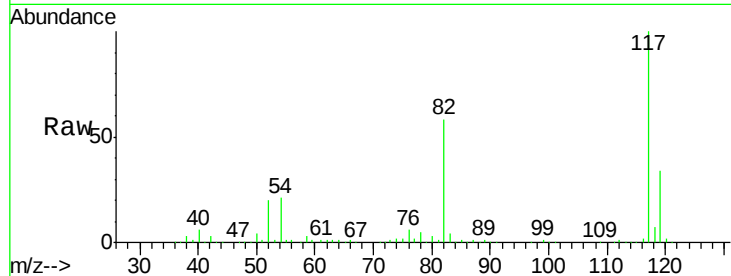
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.9	68.9
119	33.7	25.3	37.9

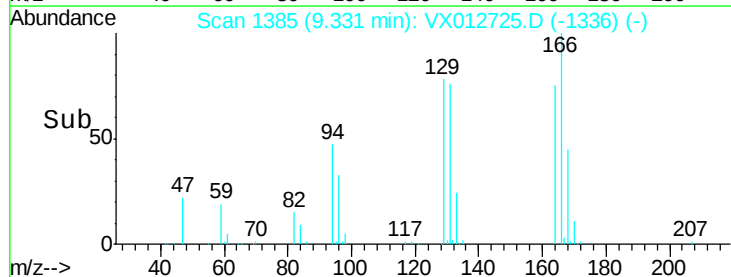
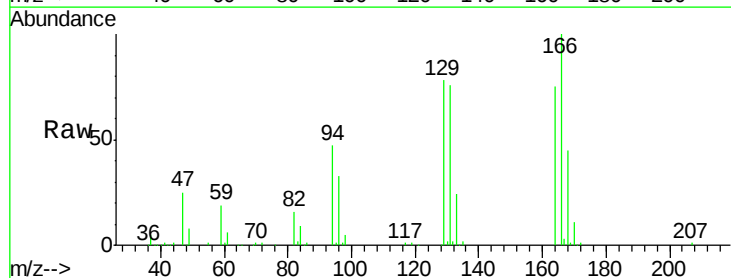
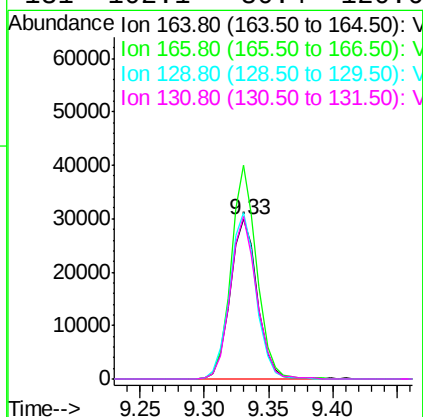
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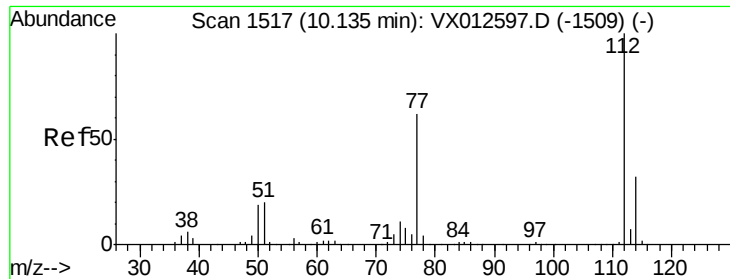
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#64
Tetrachloroethene
Concen: 21.721 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.7	107.8	161.6
129	104.5	86.2	129.2
131	102.1	80.4	120.6





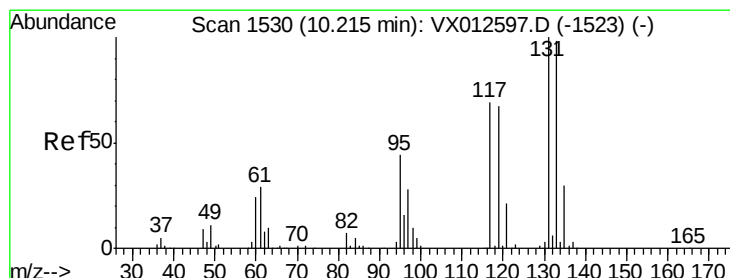
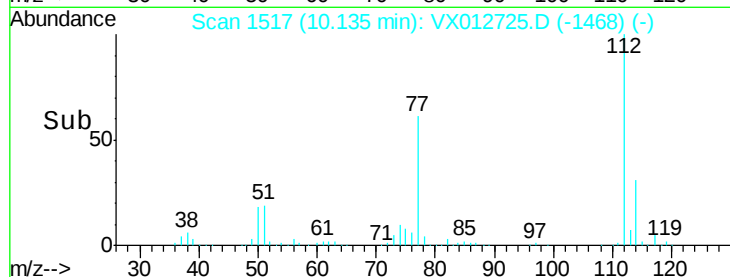
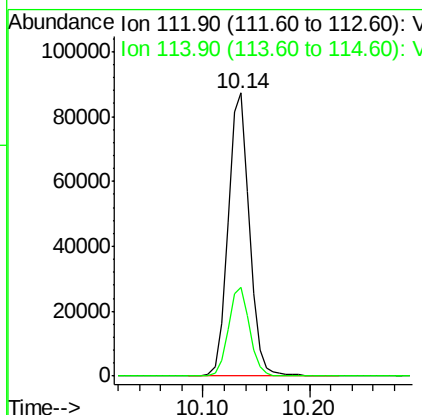
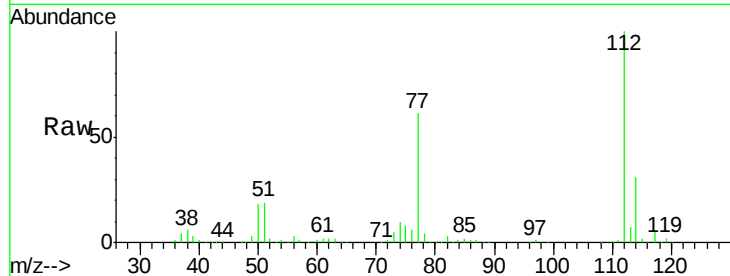
#65
Chlorobenzene
Concen: 19.882 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampled :
VX1001WBS01

Tot Ion:112 Resp: 122023
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

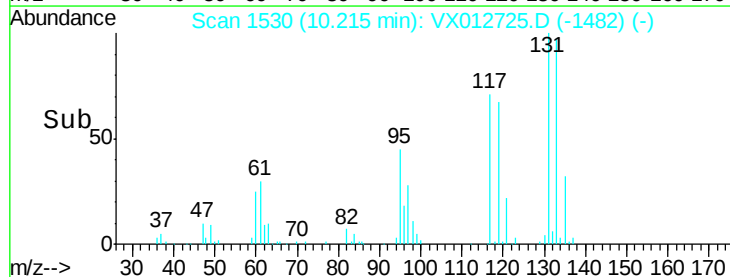
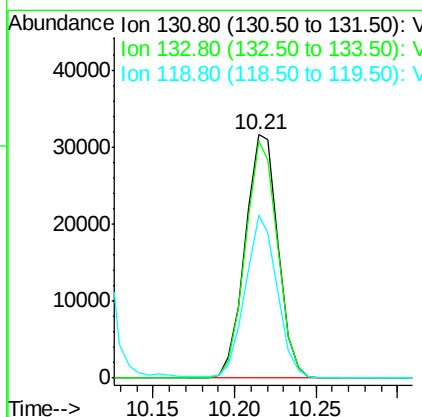
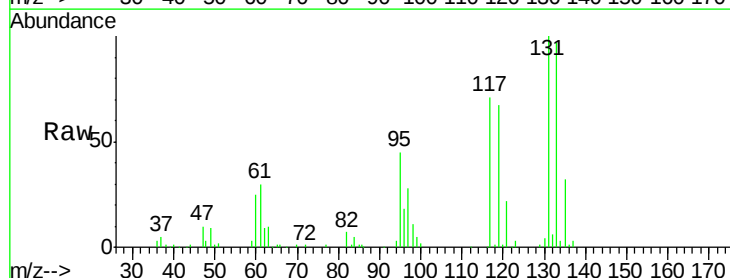
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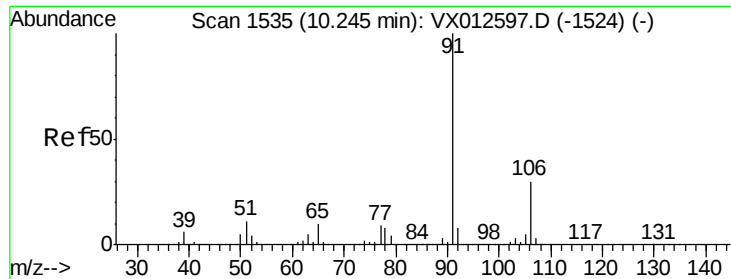
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.943 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion:131 Resp: 44348
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 65.4 31.3 93.8





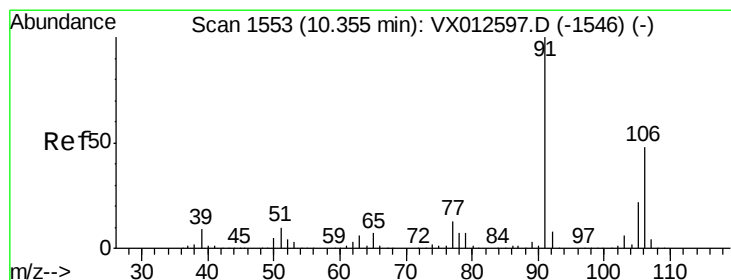
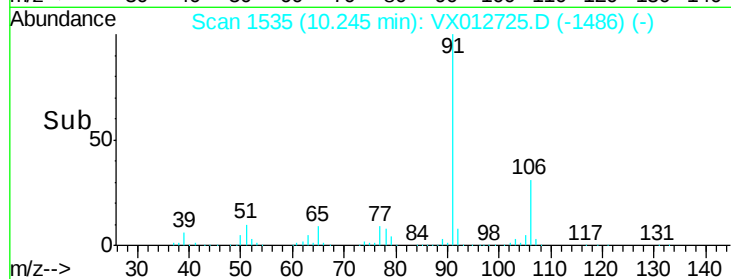
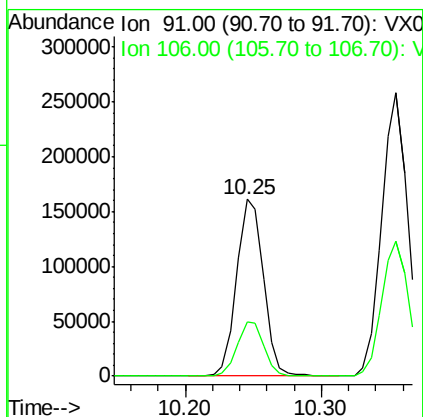
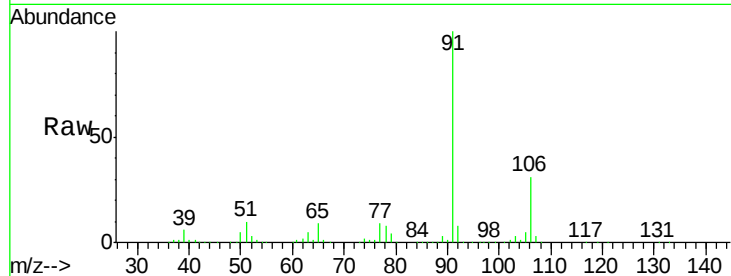
#67
Ethyl Benzene
Concen: 19.943 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion: 91 Resp: 222003
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

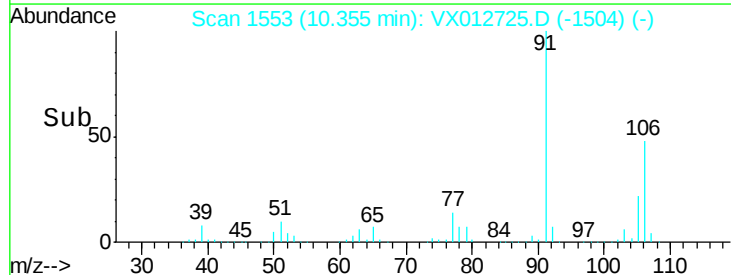
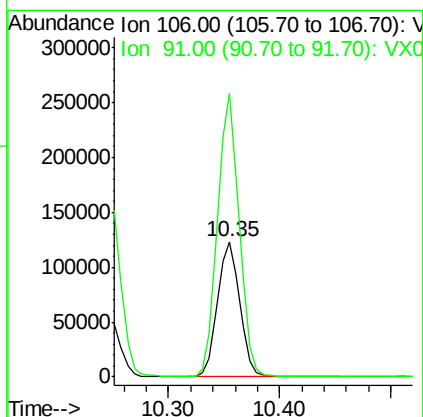
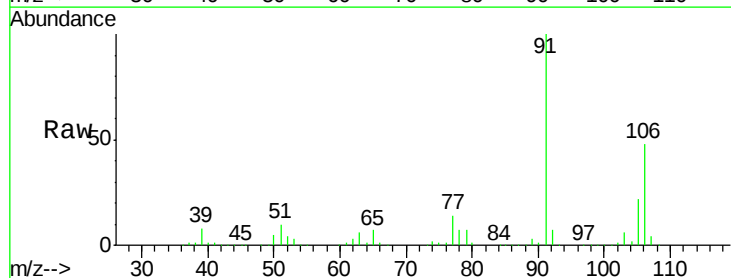
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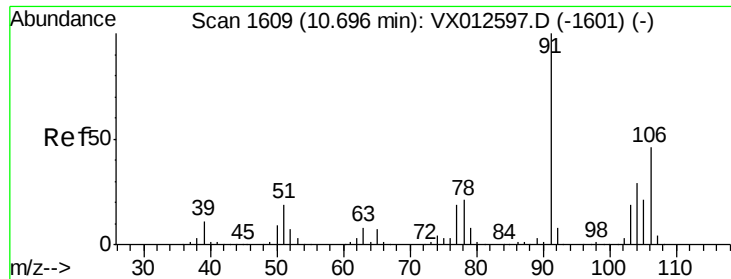
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#68
m/p-Xylenes
Concen: 40.670 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion: 106 Resp: 169591
Ion Ratio Lower Upper
106 100
91 205.9 166.6 250.0





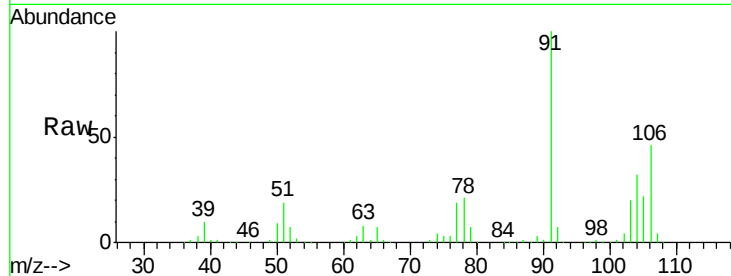
#69
o-Xylene
Concen: 19.998 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

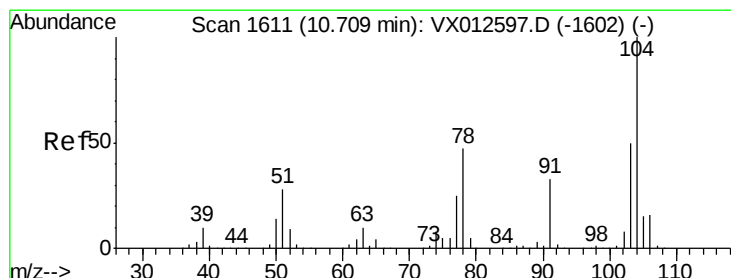
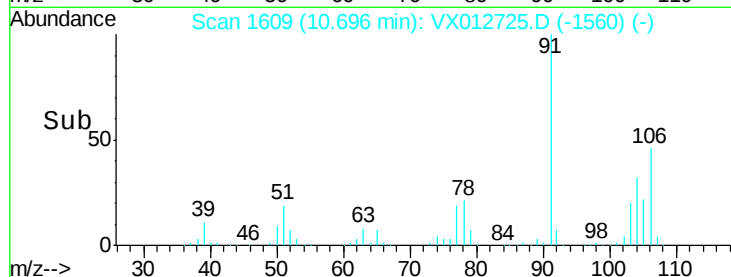
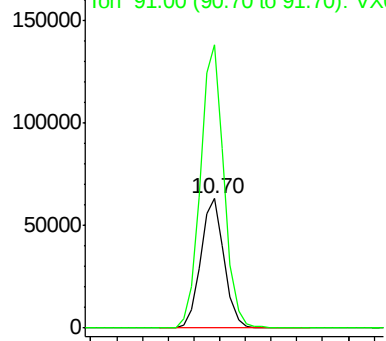
Tot Ion:106 Resp: 80689
Ion Ratio Lower Upper
106 100
91 219.3 109.4 328.2

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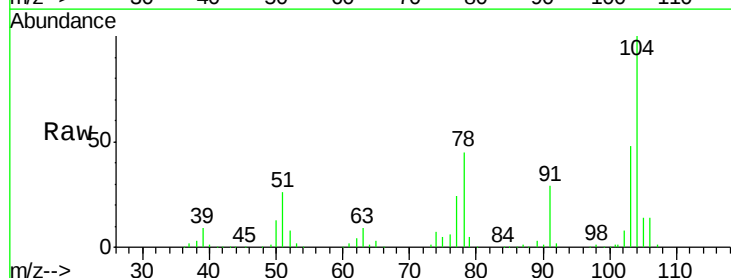


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

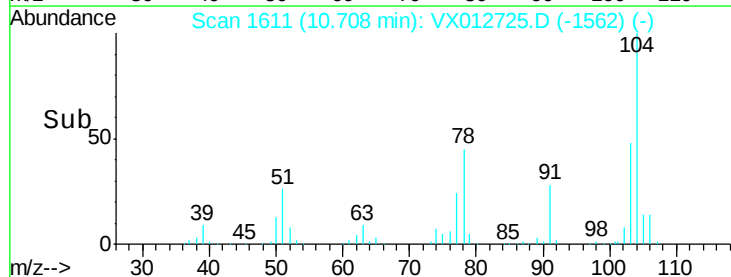
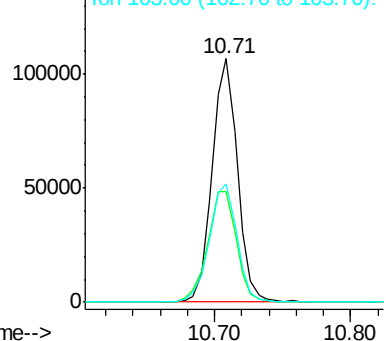


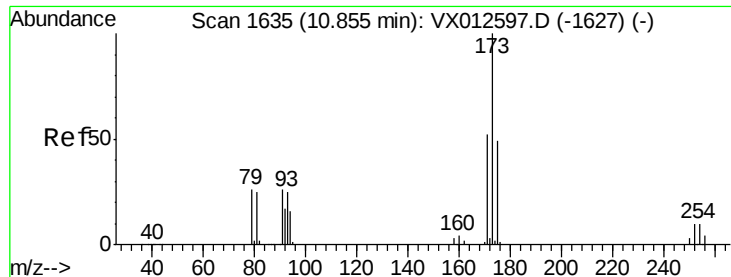
#70
Styrene
Concen: 20.489 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion:104 Resp: 138591
Ion Ratio Lower Upper
104 100
78 52.1 43.4 65.2
103 53.2 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.118 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion:173 Resp: 29602

Ion Ratio Lower Upper

173 100

175 48.4 23.7 71.1

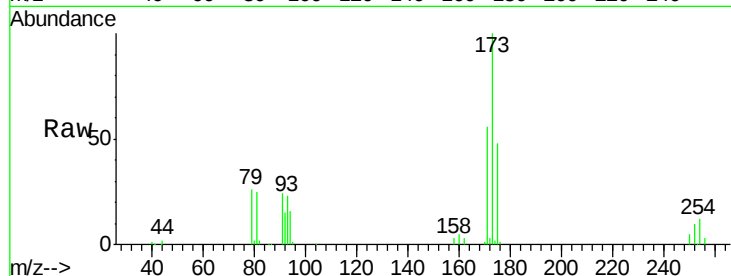
254 0.0 0.1 0.1#

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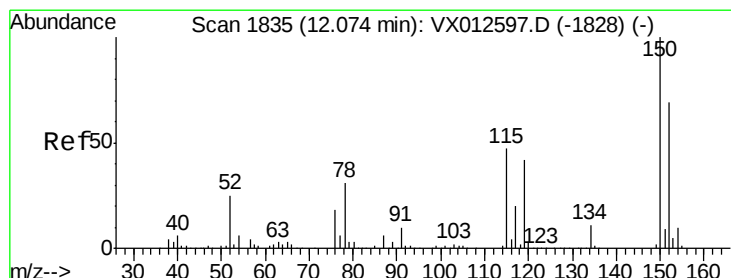
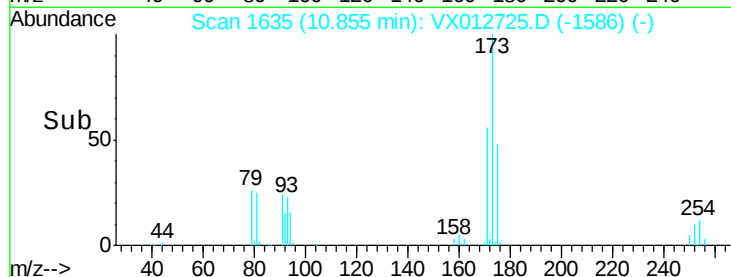
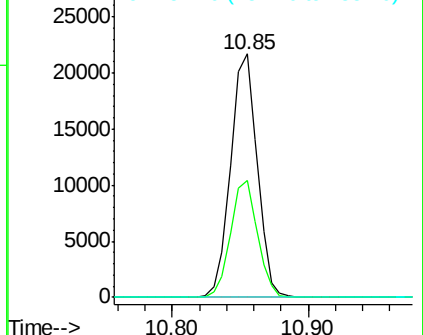
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

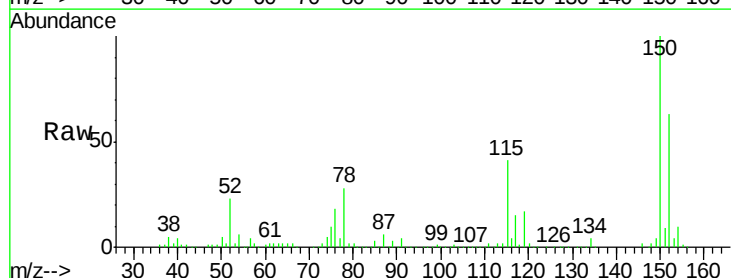
Tgt Ion:152 Resp: 133583

Ion Ratio Lower Upper

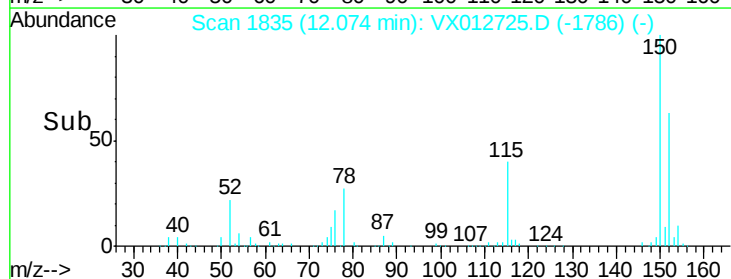
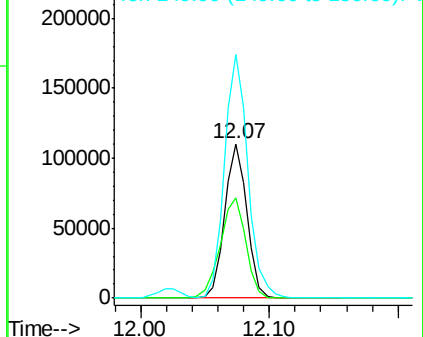
152 100

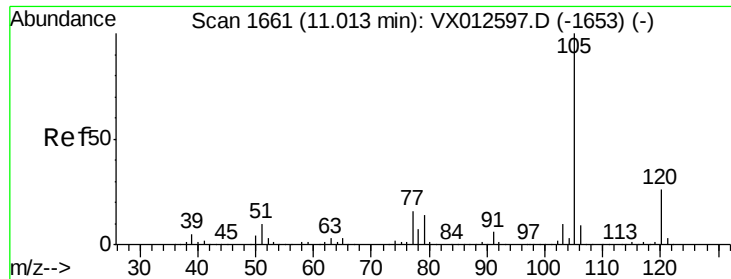
115 75.0 44.1 132.3

150 166.8 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.168 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion: 105 Resp: 219427

Ion Ratio Lower Upper

105 100

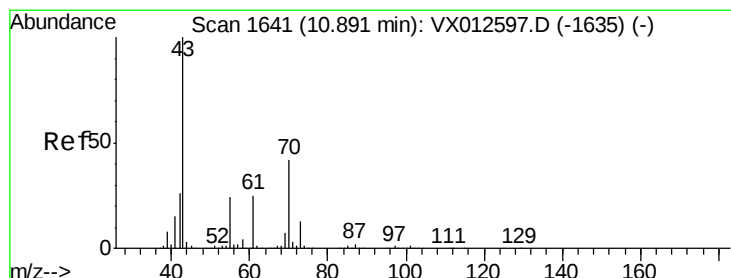
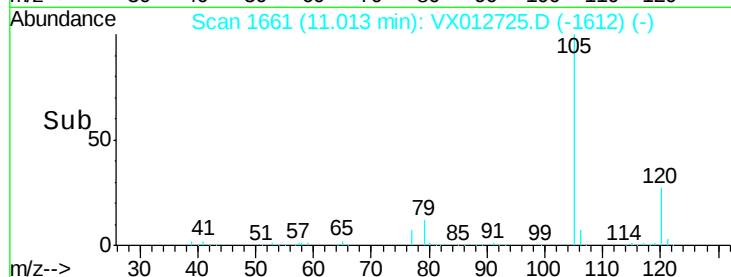
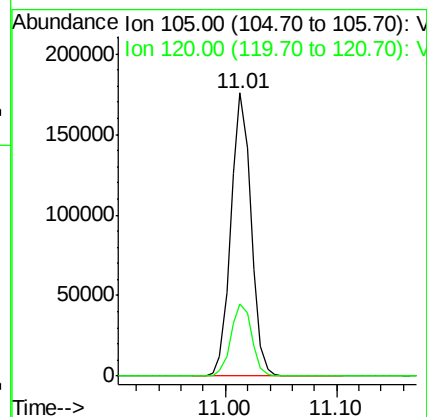
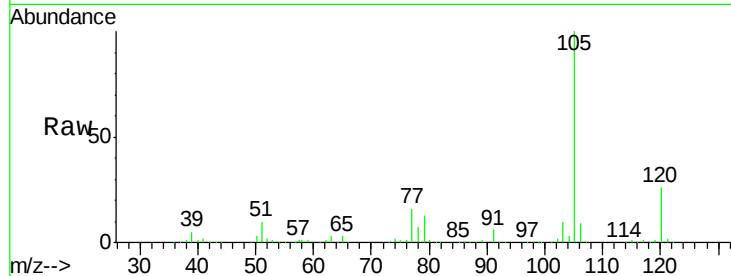
120 26.4 12.9 38.7

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#74

N-ethyl acetate

Concen: 18.193 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion: 43 Resp: 94429

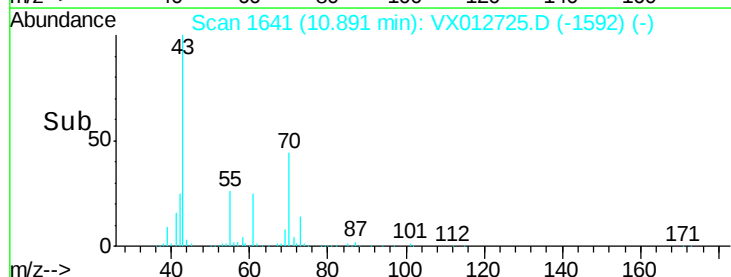
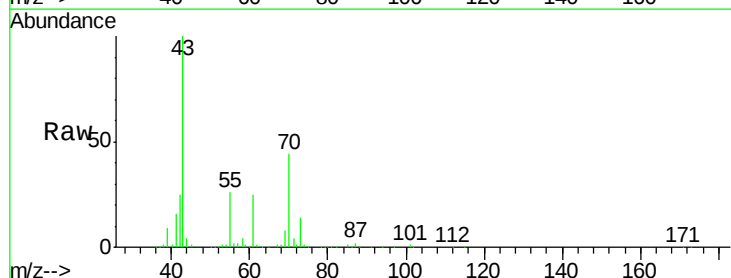
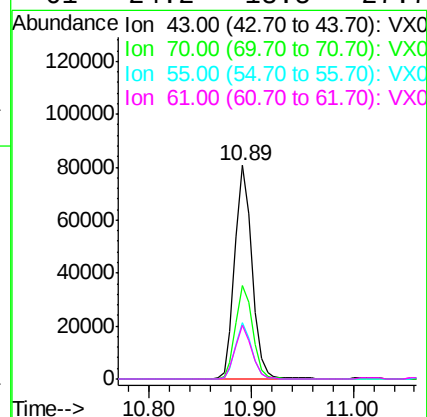
Ion Ratio Lower Upper

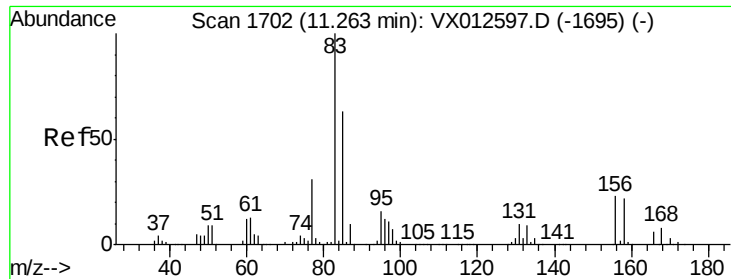
43 100

70 43.7 32.4 48.6

55 25.2 18.2 27.4

61 24.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.467 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

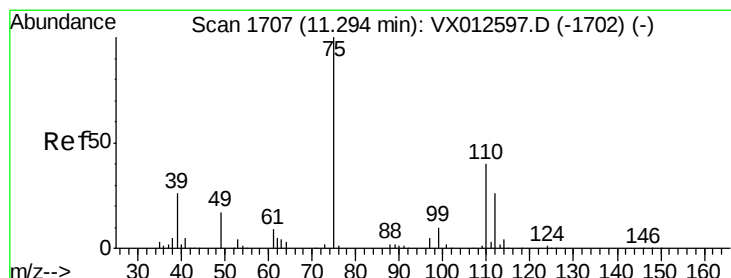
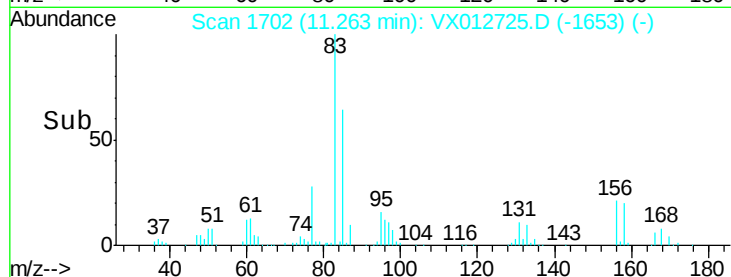
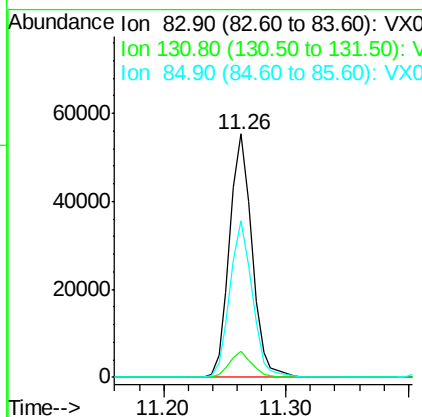
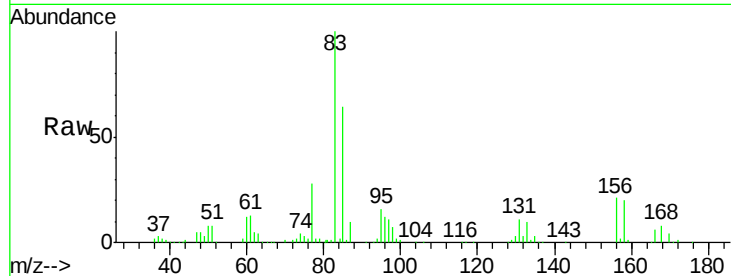
ClientSampleId :

VX1001WBS01

Tot Ion:	83	Resp:	70143
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.225 ug/l m

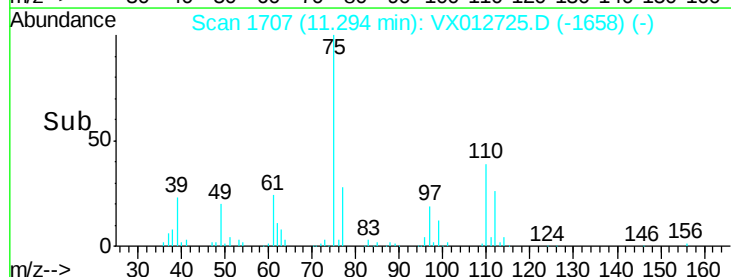
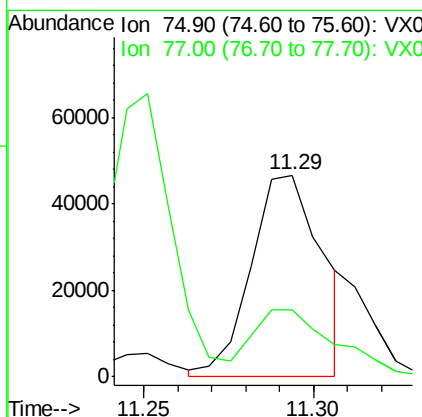
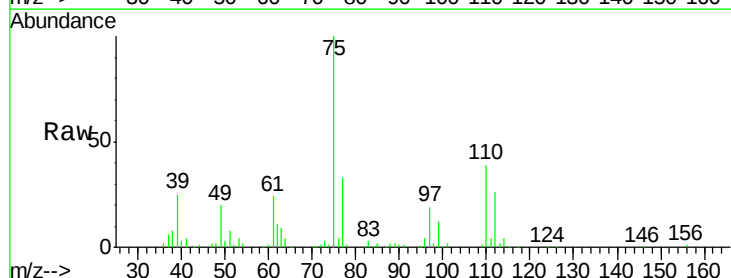
RT: 11.29 min Scan# 1707

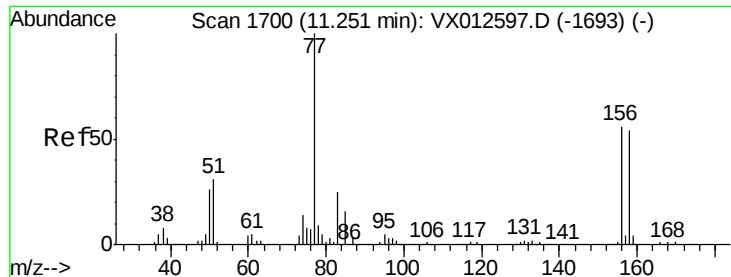
Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion:	75	Resp:	67932
Ion Ratio	Lower	Upper	
75	100		
77	38.6	19.7	59.0





#77

Bromobenzene

Concen: 20.137 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

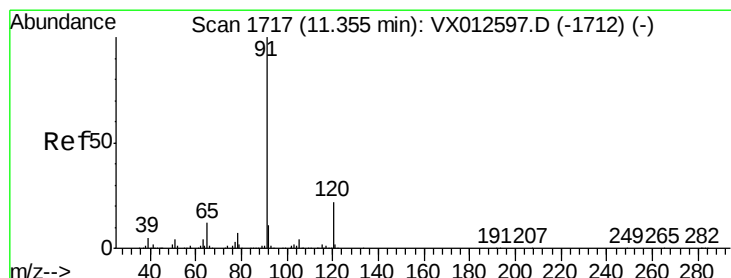
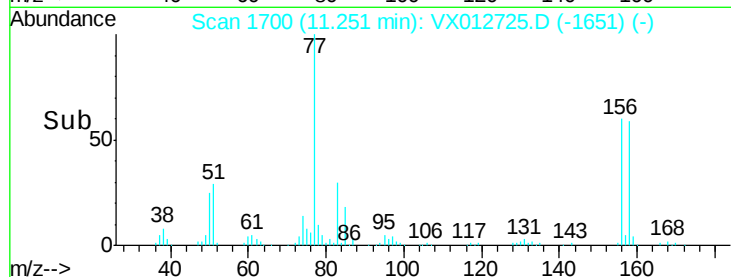
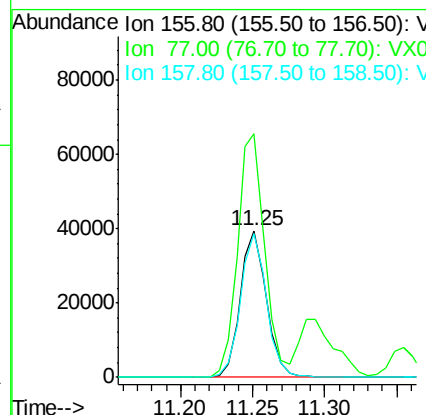
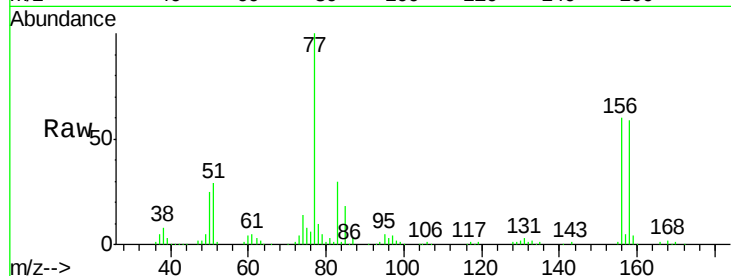
ClientSampleId :

VX1001WBS01

Tot Ion:	156	Resp:	49585
Ion	Ratio	Lower	Upper
156	100		
77	174.1	87.3	261.8
158	98.0	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.681 ug/l

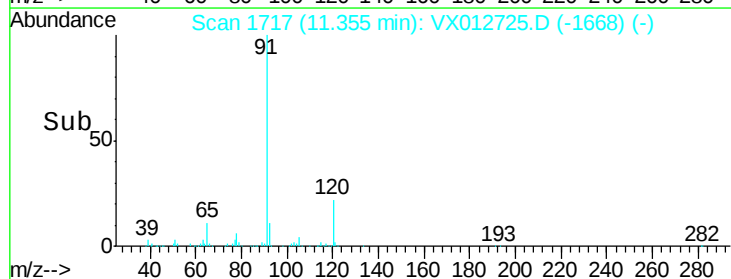
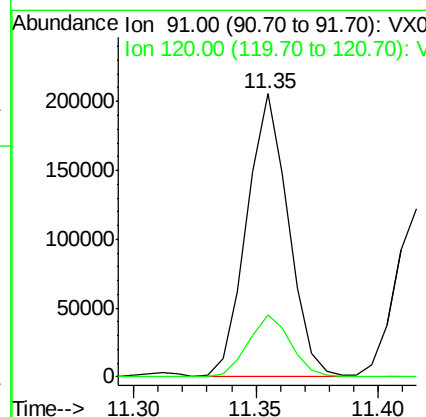
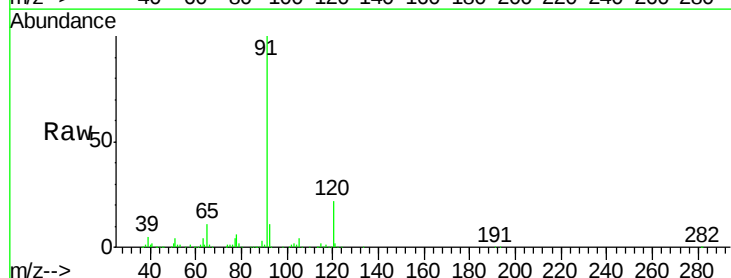
RT: 11.35 min Scan# 1717

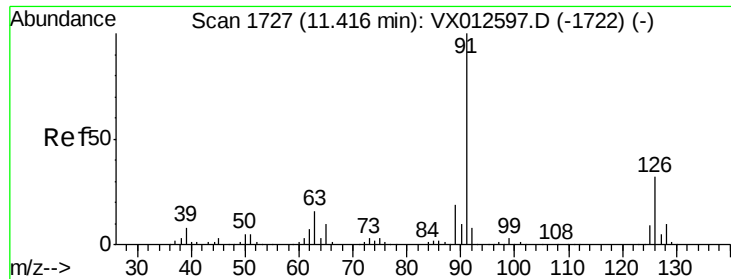
Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion:	91	Resp:	241070
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.3	33.8





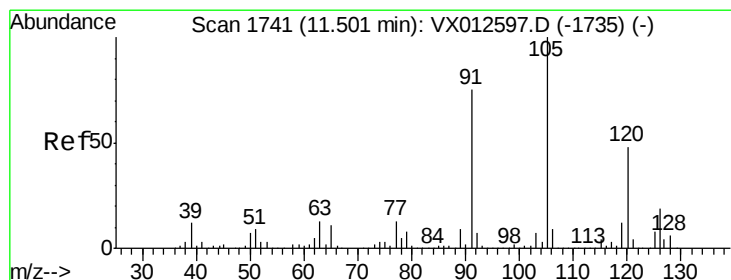
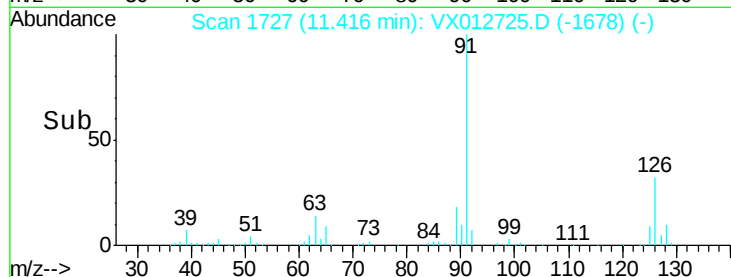
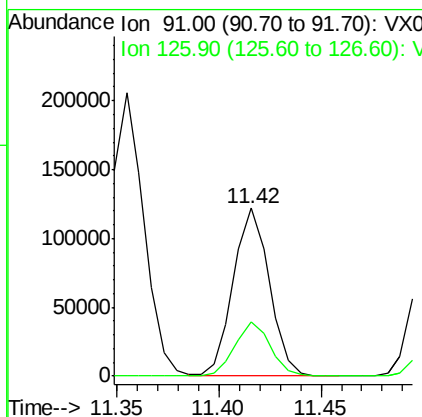
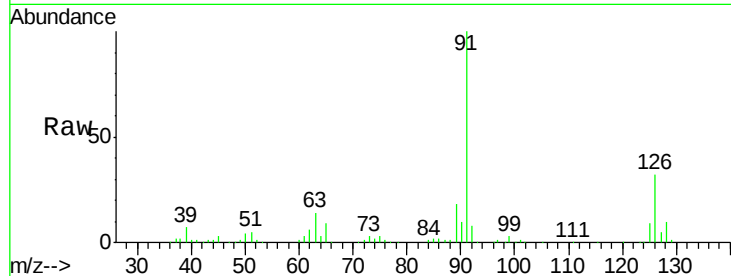
#79
 2-Chlorotoluene
 Concen: 19.540 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Tot Ion: 91 Resp: 149306
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.4 49.4

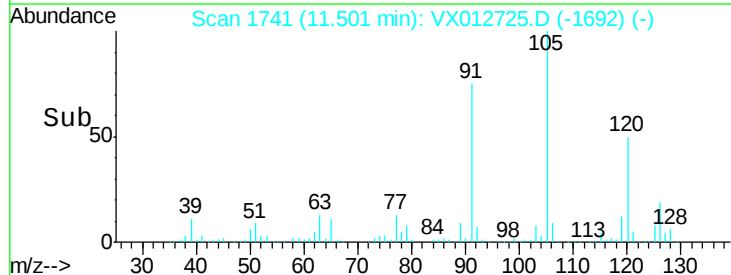
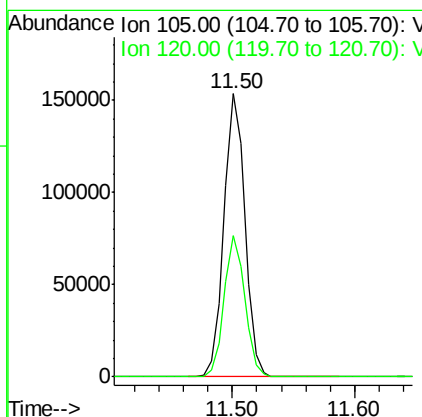
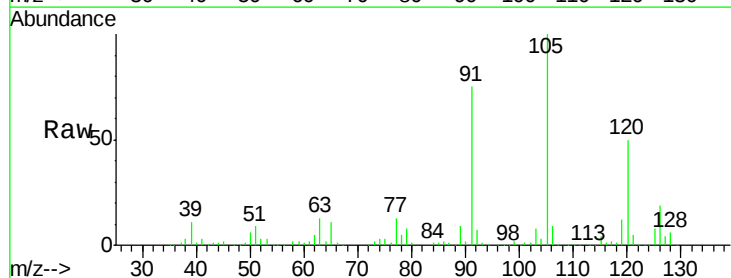
Manual Integrations
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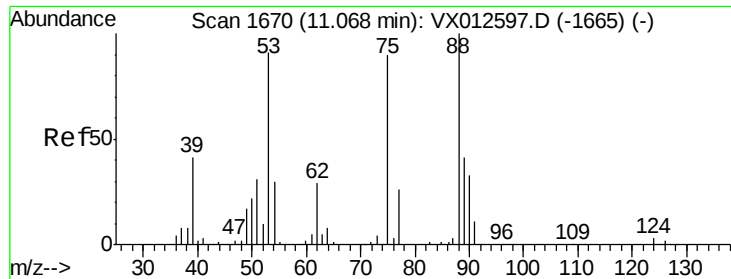
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.024 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Tgt Ion: 105 Resp: 182696
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.179 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

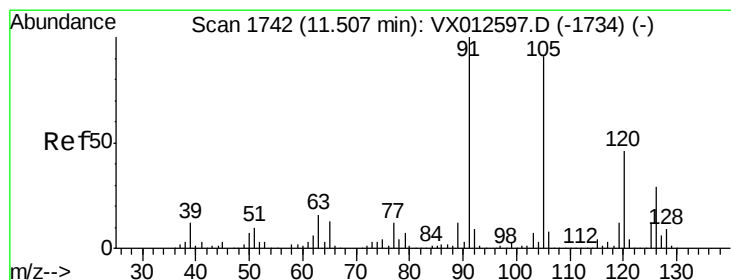
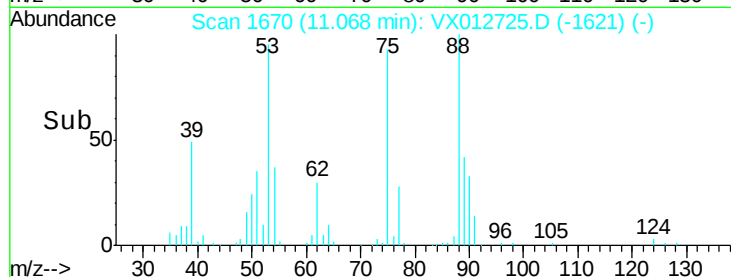
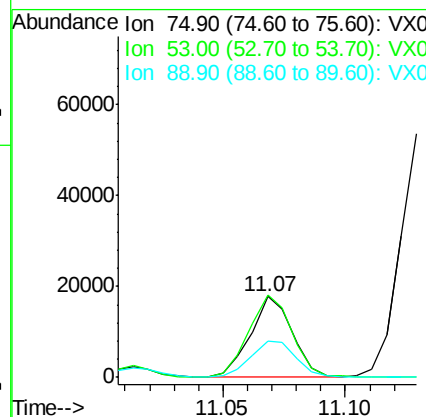
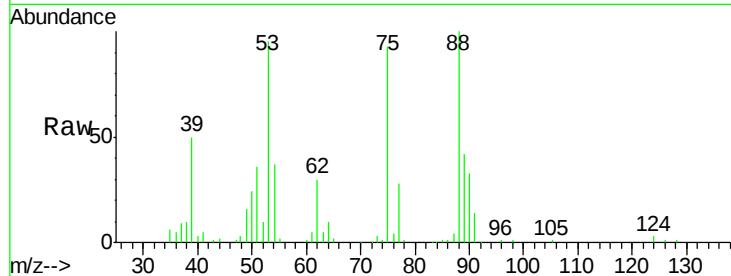
ClientSampleId :

VX1001WBS01

Tot Ion:	75	Resp:	21182
Ion	Ratio	Lower	Upper
75	100		
53	106.2	83.6	125.4
89	49.2	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.838 ug/l

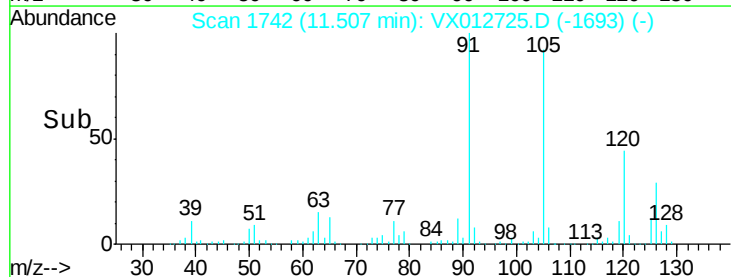
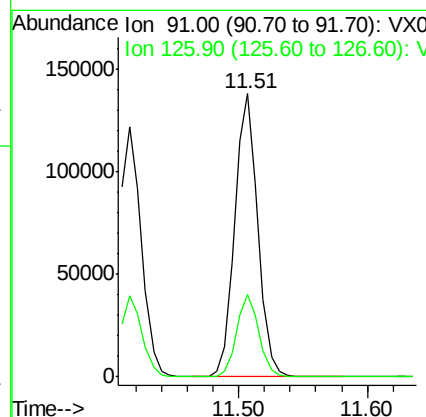
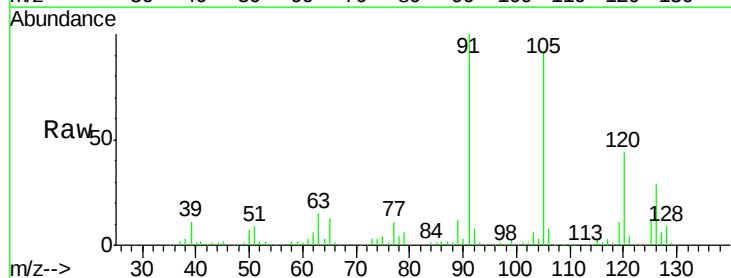
RT: 11.51 min Scan# 1742

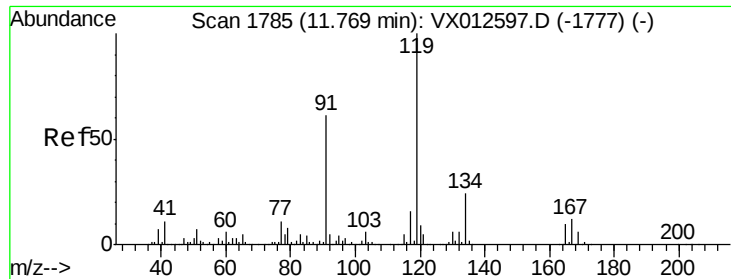
Delta R.T. 0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Tgt Ion:	91	Resp:	172802
Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.4	43.0





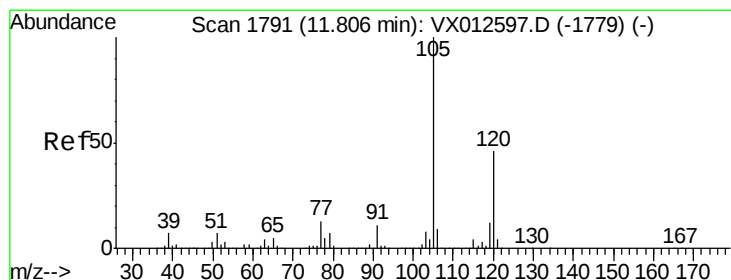
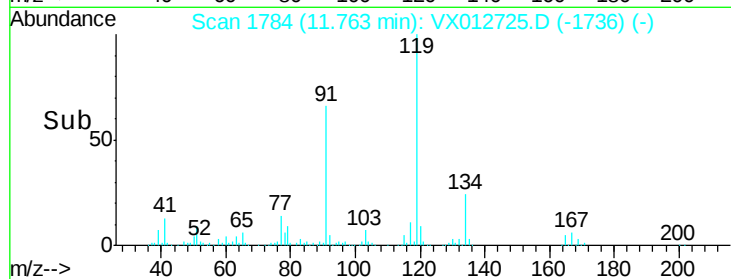
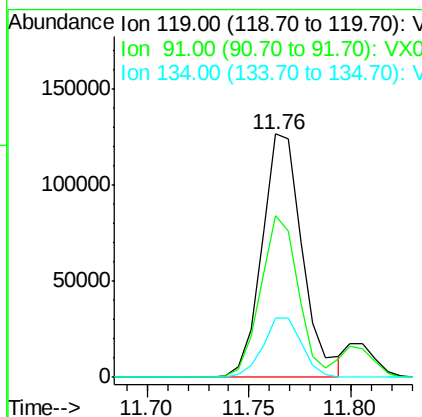
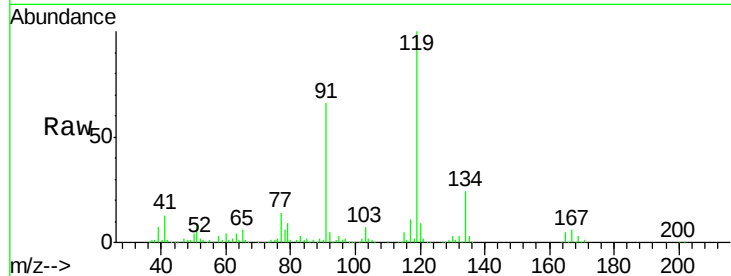
#83
tert-Butylbenzene
Concen: 19.887 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175027		
91	61.8	30.0	90.0	
134	23.4	11.3	33.9	

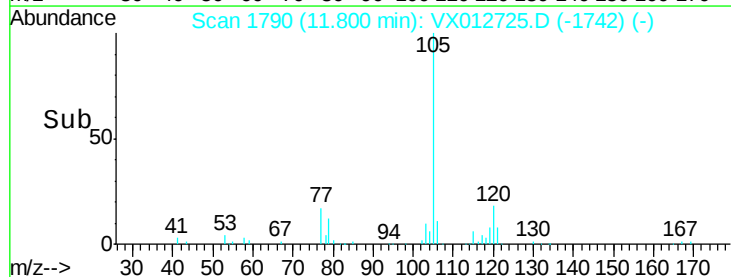
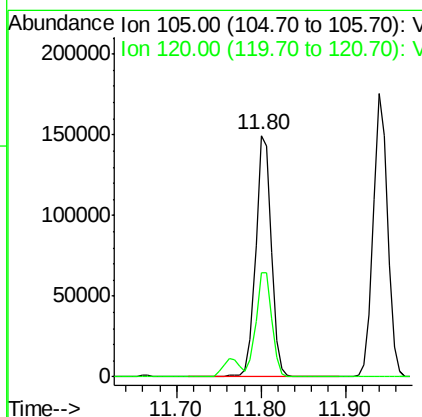
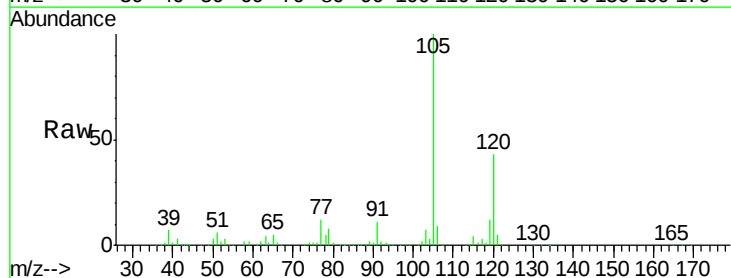
Manual Integrations
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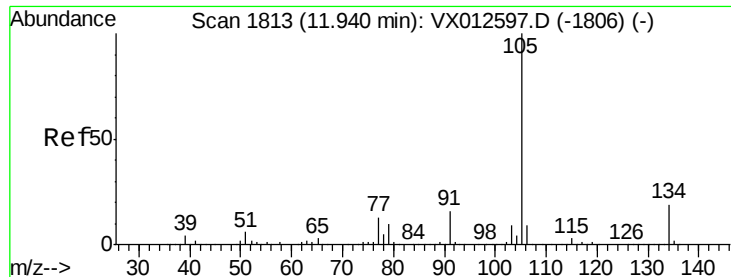
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#84
1,2,4-Trimethylbenzene
Concen: 20.359 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187381		
120	43.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 20.509 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS01

Tot Ion:105 Resp: 209945

Ion Ratio Lower Upper

105 100

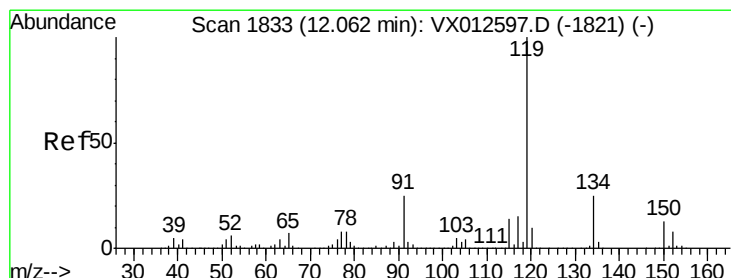
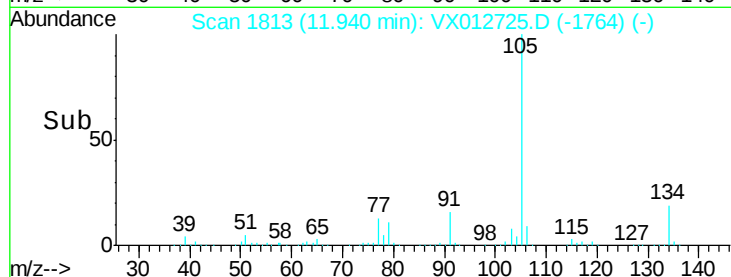
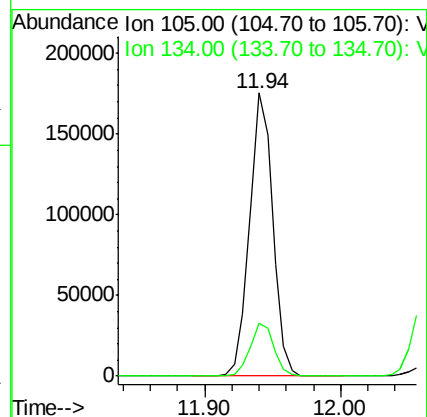
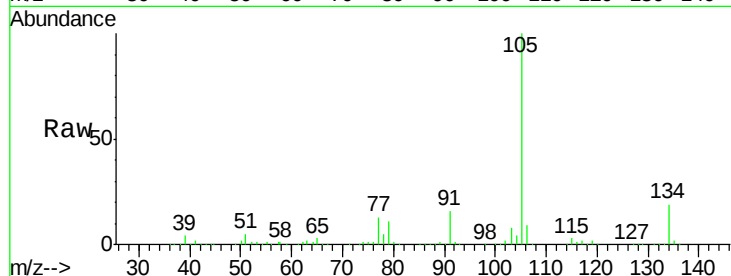
134 19.4 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.200 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012725.D

Acq: 01 Oct 2019 12:07

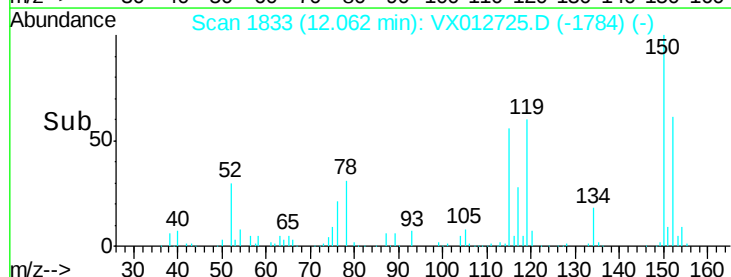
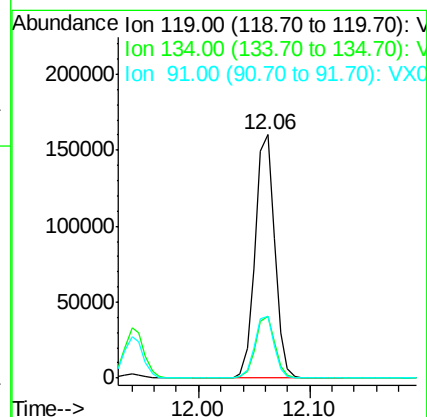
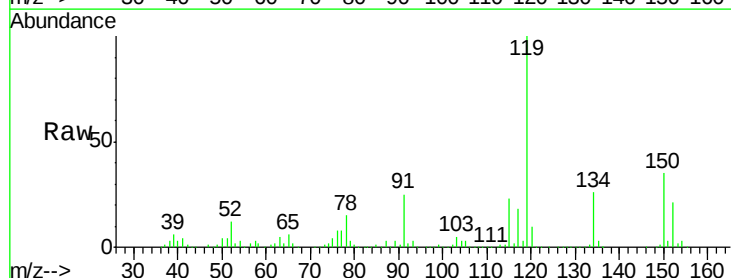
Tgt Ion:119 Resp: 195816

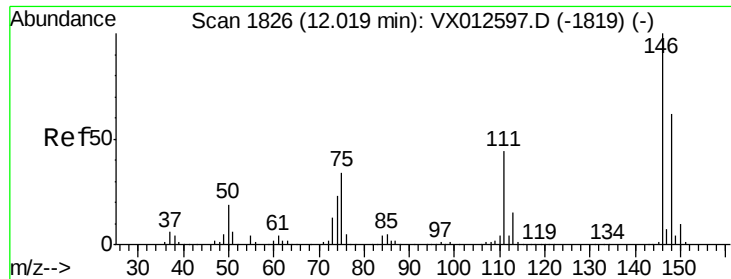
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 25.3 12.8 38.4





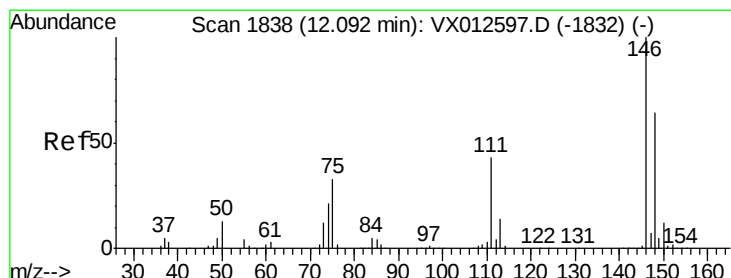
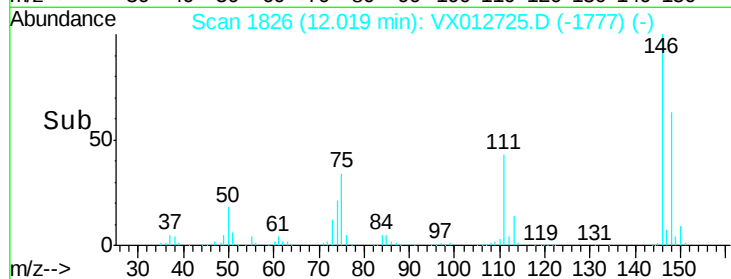
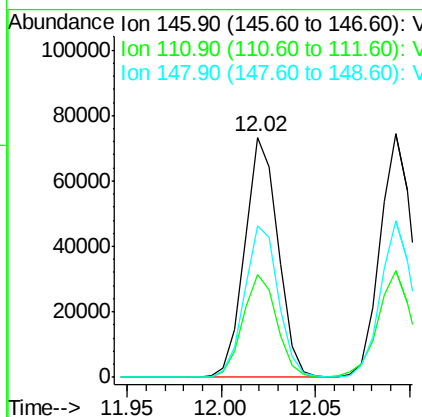
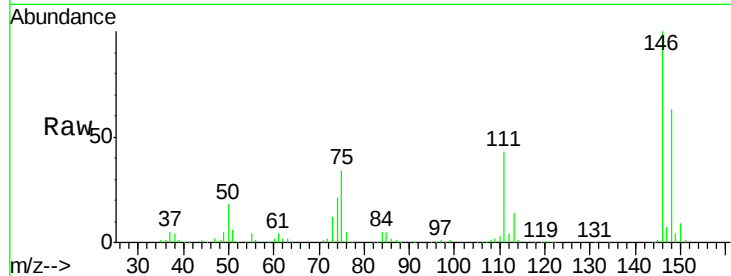
#87
 1,3-Dichlorobenzene
 Concen: 20.306 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampled :
 VX1001WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.3	64.0
148	63.9	32.4	97.2

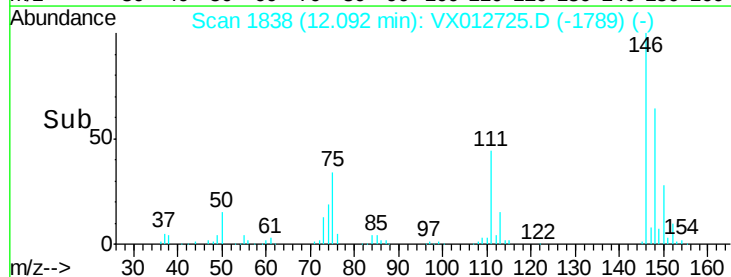
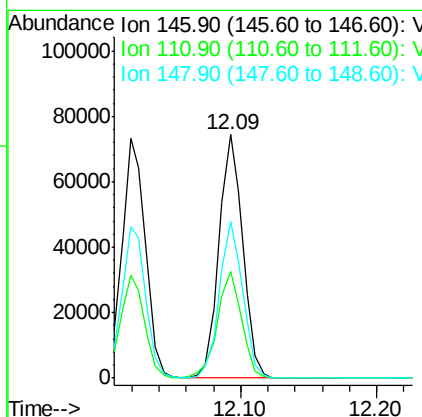
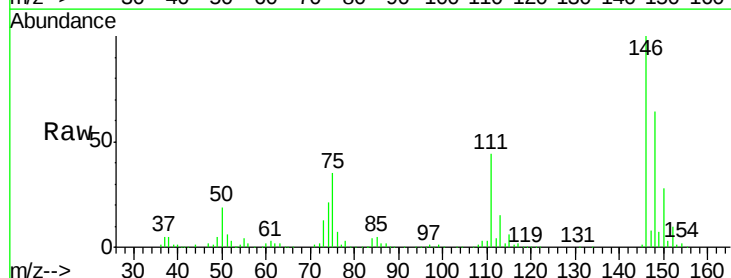
Manual Integrations
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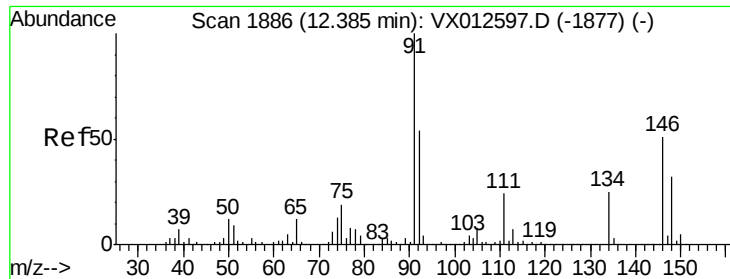
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#88
 1,4-Dichlorobenzene
 Concen: 20.093 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.1	63.3
148	63.6	32.1	96.5





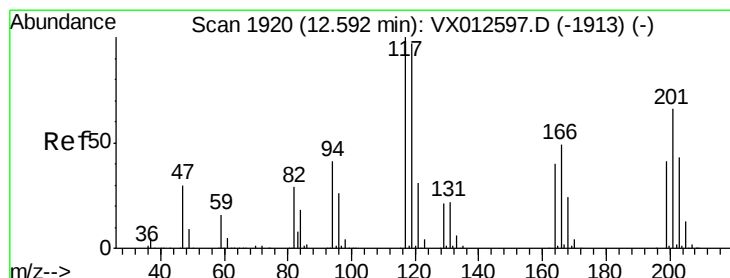
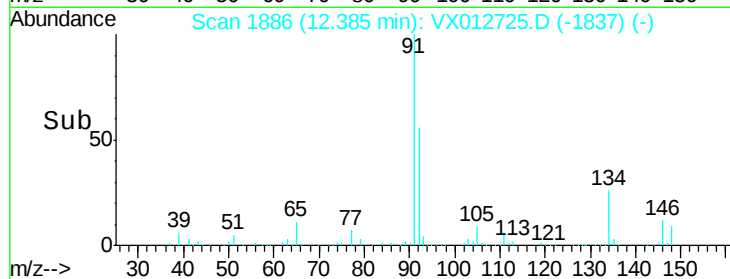
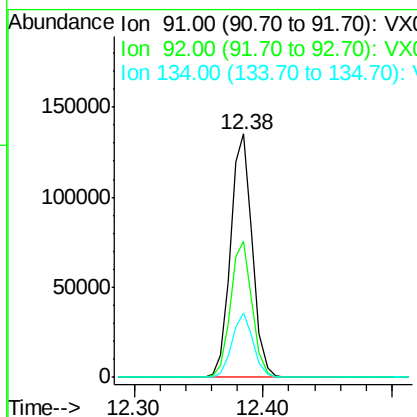
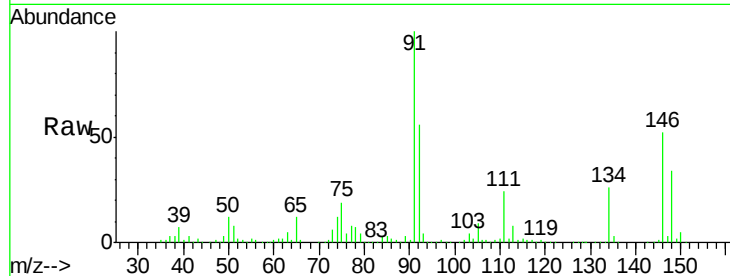
#89
n-Butylbenzene
Concen: 19.595 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.7	83.0
134	25.7	12.9	38.6

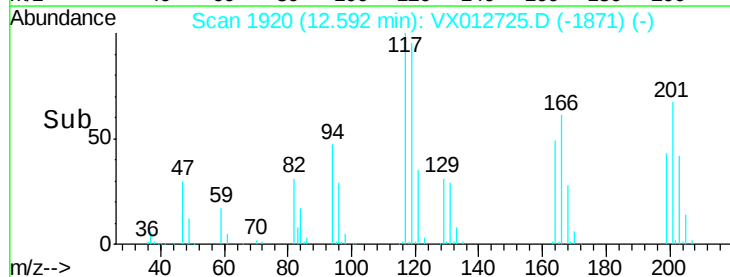
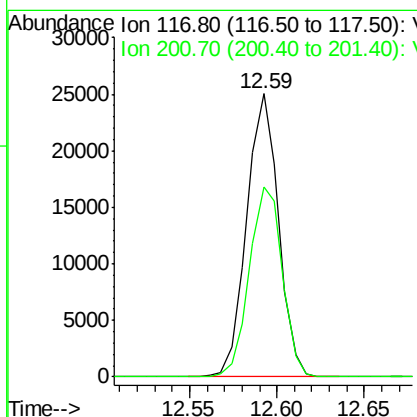
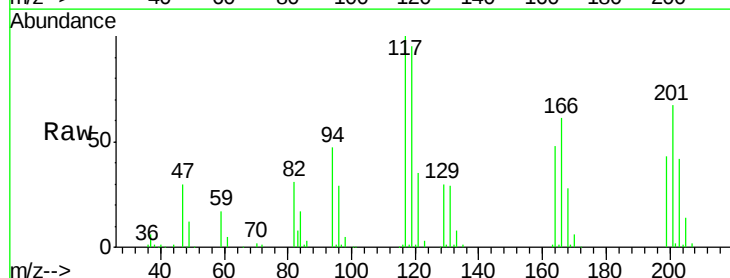
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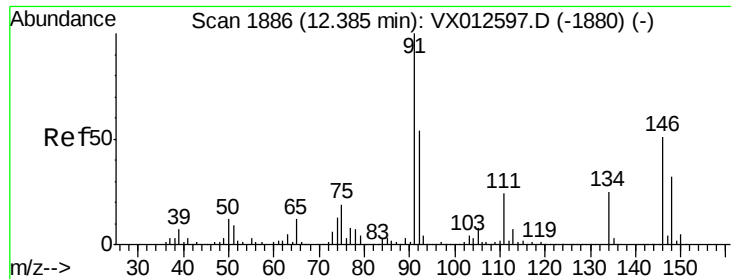
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#90
Hexachloroethane
Concen: 19.169 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.8	33.3	99.8





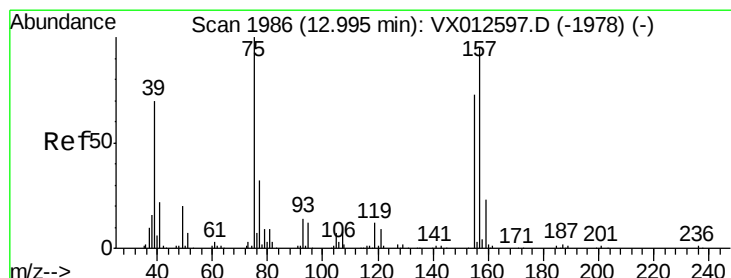
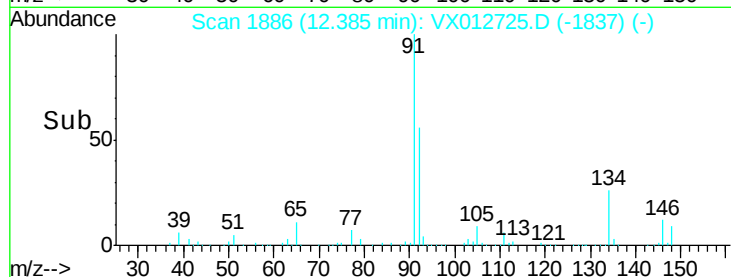
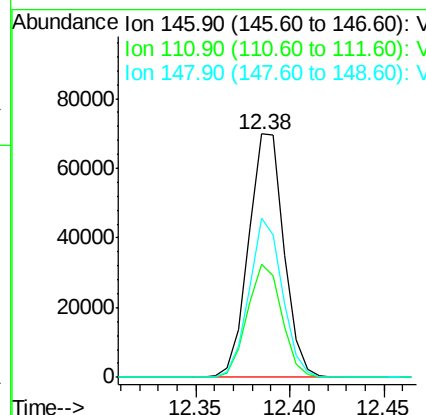
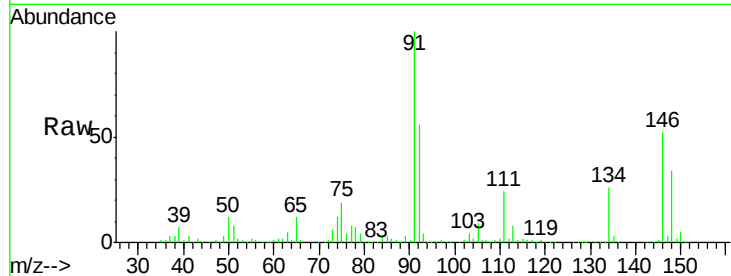
#91
 1,2-Dichlorobenzene
 Concen: 20.449 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.1	66.1
148	61.6	31.3	93.9

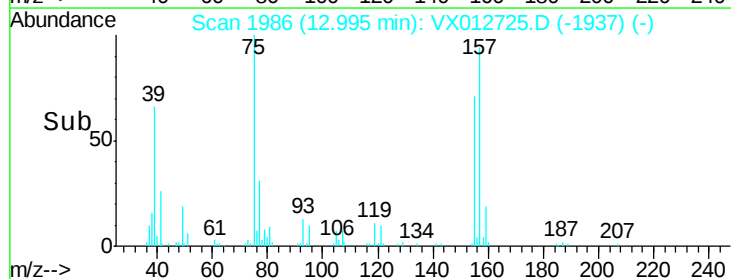
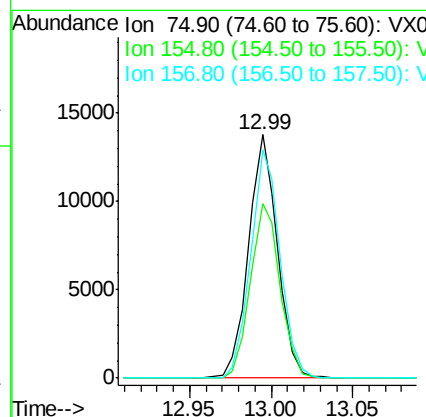
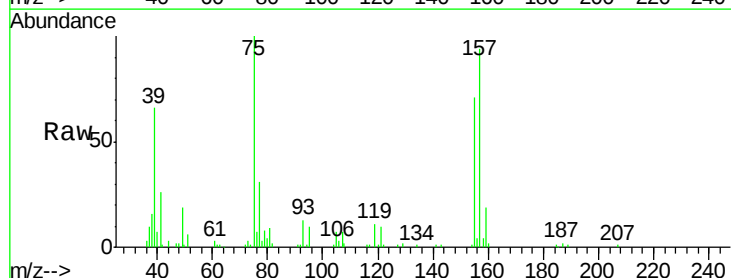
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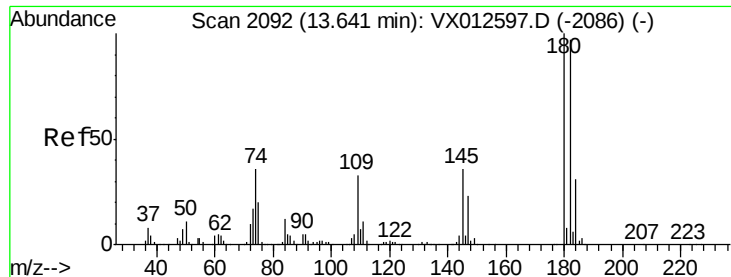
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.820 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	38.6	115.8
157	95.3	50.6	151.9





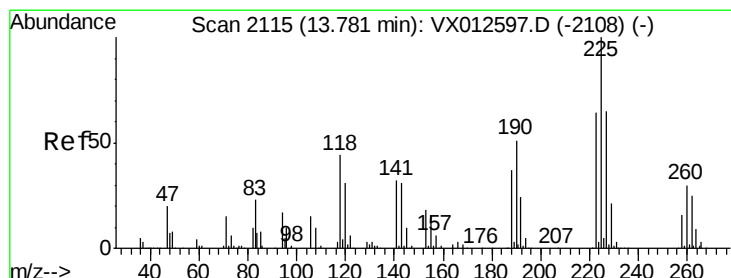
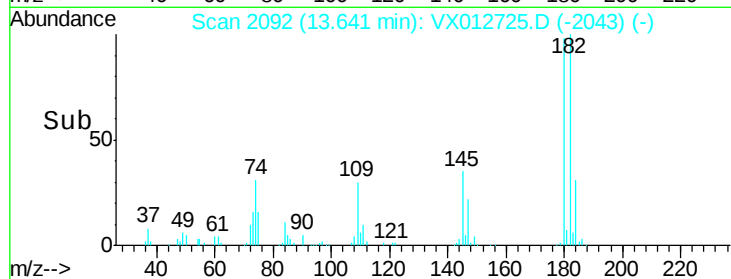
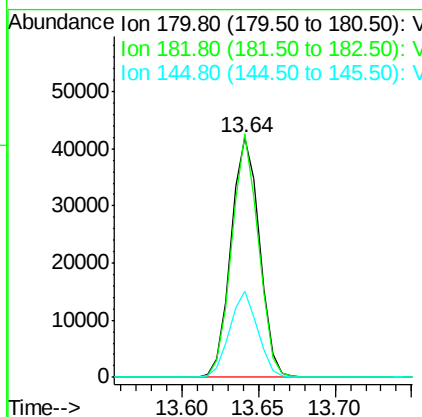
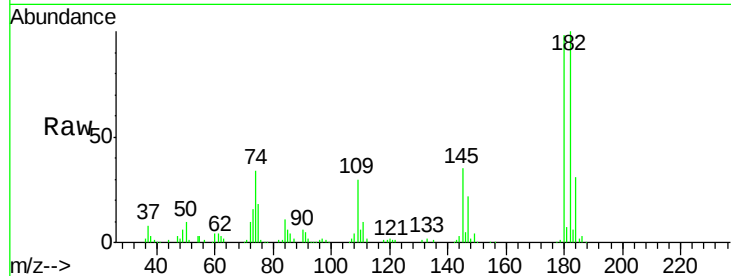
#93
 1,2,4-Trichlorobenzene
 Concen: 19.948 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Instrument :
 MSVOA_X
 ClientSampled :
 VX1001WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.0
145	35.2	16.8	50.4

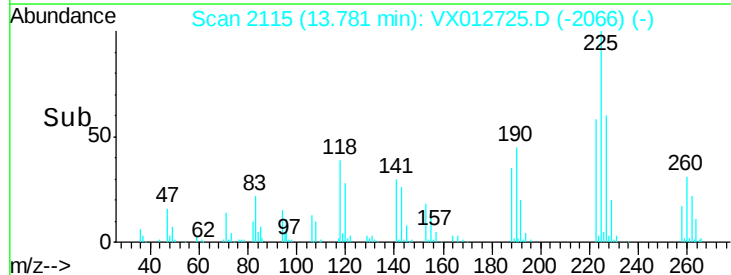
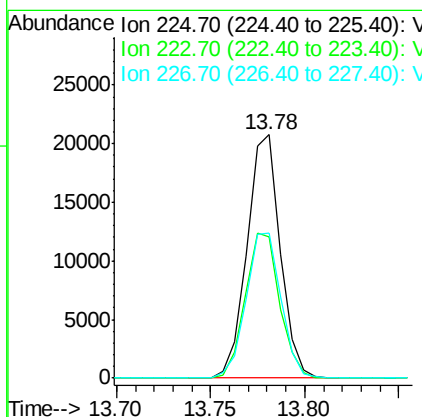
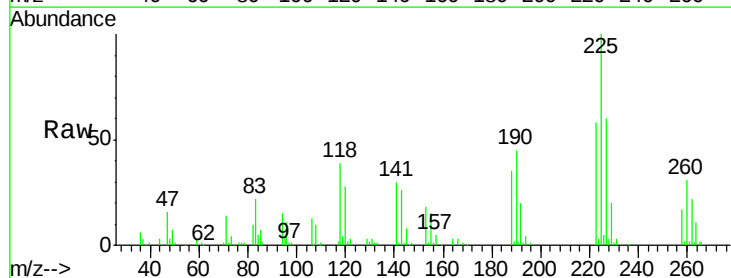
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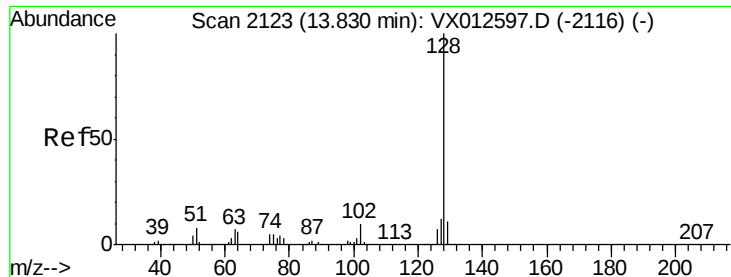
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 10/2/2019 10:07:22 AM



#94
 Hexachlorobutadiene
 Concen: 21.779 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012725.D
 Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.0	96.2
227	62.6	31.9	95.5





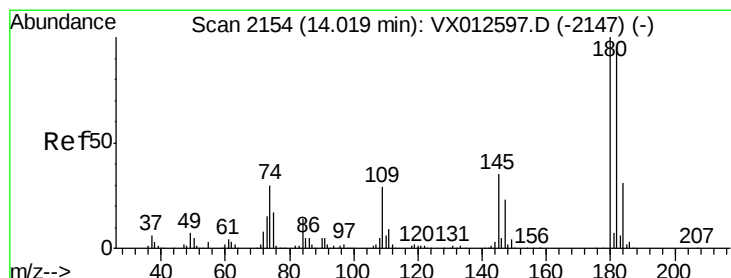
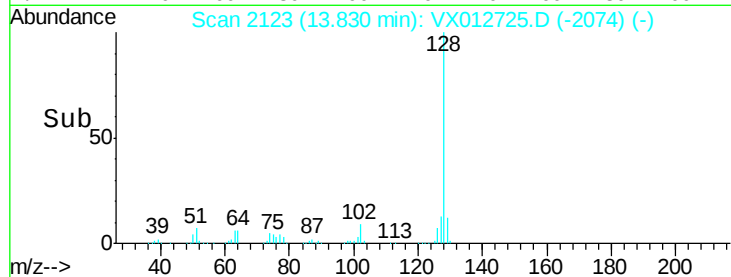
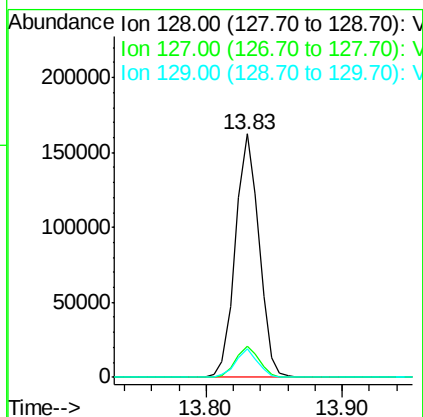
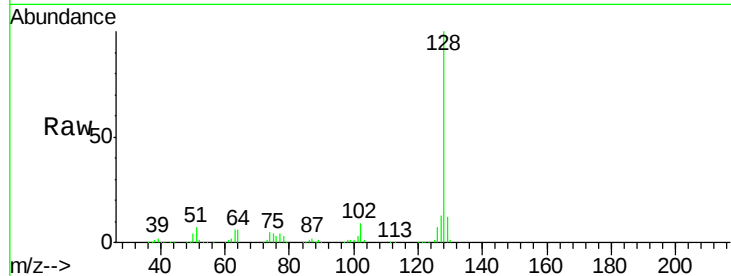
#95
Naphthalene
Concen: 20.029 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.1	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.684 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012725.D
Acq: 01 Oct 2019 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.1	141.3
145	37.2	18.0	54.0

