

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011726.D
 Acq On : 21 Aug 2019 12:46
 Operator : JC/SP
 Sample : VX0821MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:03 AM

Quant Time: Aug 21 19:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	363215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	499616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	168660	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	153504	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
50) Toluene-d8	8.71	98	517128	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	220016	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	79142	22.167	ug/l 99
3) Chloromethane	1.32	50	64583	17.417	ug/l 100
4) Vinyl Chloride	1.40	62	61270	18.291	ug/l 98
5) Bromomethane	1.63	94	37964	25.294	ug/l 99
6) Chloroethane	1.71	64	35177	22.189	ug/l 99
7) Trichlorofluoromethane	1.92	101	102879	22.174	ug/l 98
8) Diethyl Ether	2.18	74	35267	22.159	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64461	20.115	ug/l 98
10) Methyl Iodide	2.50	142	82193	18.004	ug/l 99
11) Tert butyl alcohol	3.04	59	88926	107.613	ug/l 96
12) 1,1-Dichloroethene	2.37	96	60279	19.464	ug/l 96
13) Acrolein	2.29	56	24628	104.323	ug/l 99
14) Allyl chloride	2.72	41	102497	19.895	ug/l 98
15) Acrylonitrile	3.14	53	199979	105.738	ug/l 100
16) Acetone	2.43	43	171615	101.328	ug/l 97
17) Carbon Disulfide	2.56	76	131390	18.005	ug/l 99
18) Methyl Acetate	2.76	43	116948	22.265	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	222476	22.057	ug/l 99
20) Methylene Chloride	2.85	84	71780	20.185	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	67107	20.448	ug/l 96
22) Diisopropyl ether	3.85	45	216086	21.061	ug/l 99
23) Vinyl Acetate	3.81	43	850907	104.734	ug/l 99
24) 1,1-Dichloroethane	3.69	63	120661	20.801	ug/l 100
25) 2-Butanone	4.67	43	281762	105.969	ug/l 95
26) 2,2-Dichloropropane	4.57	77	88978	20.380	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	82043	21.444	ug/l 98
28) Bromochloromethane	5.01	49	47347	18.593	ug/l 100
29) Tetrahydrofuran	5.12	42	171621	98.397	ug/l 98
30) Chloroform	5.21	83	126466	20.658	ug/l 99
31) Cyclohexane	5.57	56	98604	19.743	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	108593	20.630	ug/l 98
36) 1,1-Dichloropropene	5.80	75	87434	20.468	ug/l 99
37) Ethyl Acetate	4.82	43	99637	20.279	ug/l 100
38) Carbon Tetrachloride	5.77	117	96750	20.558	ug/l 94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103941	19.704	ug/l	99
40) Benzene	6.14	78	253010	19.060	ug/l	99
41) Methacrylonitrile	5.03	41	57050	21.098	ug/l	98
42) 1,2-Dichloroethane	6.19	62	99104	21.548	ug/l	97
43) Isopropyl Acetate	6.44	43	148252	19.335	ug/l	99
44) Trichloroethene	7.21	130	81343	20.656	ug/l	100
45) 1,2-Dichloropropane	7.51	63	70622	21.332	ug/l	98
46) Dibromomethane	7.66	93	49762	20.685	ug/l	100
47) Bromodichloromethane	7.89	83	91042	20.611	ug/l	95
48) Methyl methacrylate	7.77	41	80972	21.325	ug/l	98
49) 1,4-Dioxane	7.74	88	42671	422.507	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	545588	108.709	ug/l	100
52) Toluene	8.78	92	182229	21.548	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	93674	20.433	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	105441	21.017	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	76867	21.374	ug/l	99
56) Ethyl methacrylate	9.18	69	110151	21.073	ug/l	99
57) 1,3-Dichloropropane	9.37	76	123434	21.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	269453	103.458	ug/l	100
59) 2-Hexanone	9.49	43	417003	107.745	ug/l	99
60) Dibromochloromethane	9.58	129	79105	21.111	ug/l	99
61) 1,2-Dibromoethane	9.67	107	82099	21.390	ug/l	99
64) Tetrachloroethene	9.34	164	84947	21.599	ug/l	98
65) Chlorobenzene	10.13	112	208667	20.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	77778	20.354	ug/l	99
67) Ethyl Benzene	10.25	91	345982	20.277	ug/l	99
68) m/p-Xylenes	10.35	106	269824	41.198	ug/l	99
69) o-Xylene	10.69	106	133356	20.787	ug/l	98
70) Styrene	10.71	104	221583	20.517	ug/l	99
71) Bromoform	10.85	173	60642	18.547	ug/l #	100
73) Isopropylbenzene	11.02	105	356910	22.672	ug/l	100
74) N-amyl acetate	10.90	43	138477	20.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	115417	21.312	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	101963m	22.164	ug/l	
77) Bromobenzene	11.25	156	100363	21.428	ug/l	97
78) n-propylbenzene	11.36	91	380587	22.420	ug/l	100
79) 2-Chlorotoluene	11.42	91	231669	22.225	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	294498	22.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29119	20.094	ug/l	90
82) 4-Chlorotoluene	11.51	91	267290	22.103	ug/l	99
83) tert-Butylbenzene	11.77	119	283438	21.044	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	288611	21.739	ug/l	99
85) sec-Butylbenzene	11.94	105	337643	22.219	ug/l	100
86) p-Isopropyltoluene	12.06	119	309940	21.681	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	172531	21.431	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168905	20.700	ug/l	98
89) n-Butylbenzene	12.38	91	245063	20.851	ug/l	98
90) Hexachloroethane	12.59	117	43420	19.234	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	161103	19.935	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24563	19.826	ug/l	91

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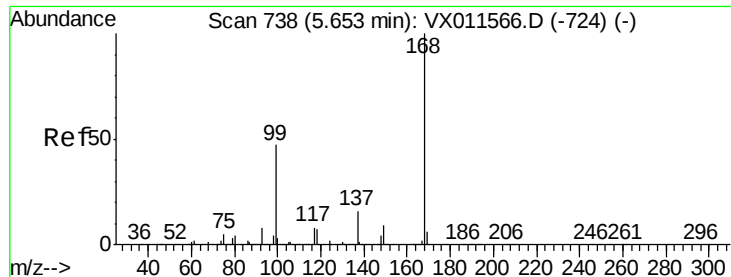
Manual Integrations
APPROVED

MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119036	19.769	ug/l	99
94) Hexachlorobutadiene	13.78	225	62297	19.000	ug/l	98
95) Naphthalene	13.83	128	363290	21.341	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	125783	20.711	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion:168 Resp: 363215

Ion Ratio Lower Upper

168 100

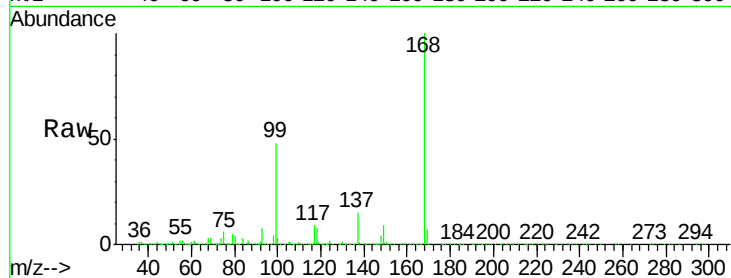
99 48.0 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

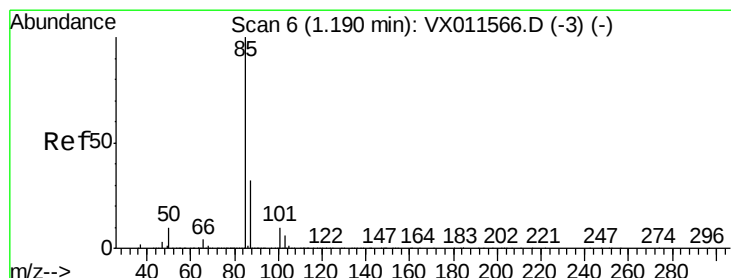
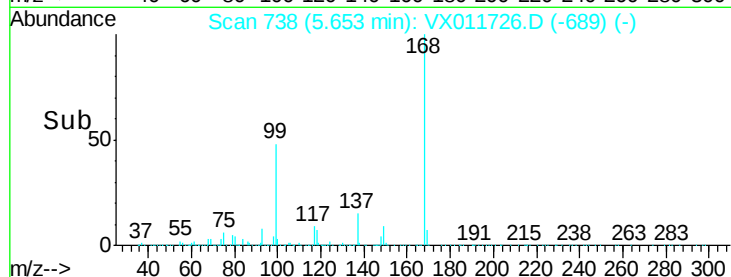
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.167 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011726.D

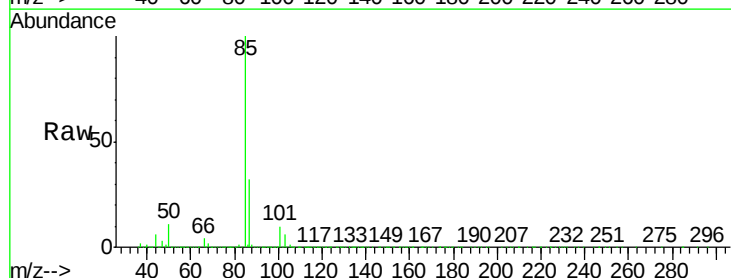
Acq: 21 Aug 2019 12:46

Tgt Ion: 85 Resp: 79142

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

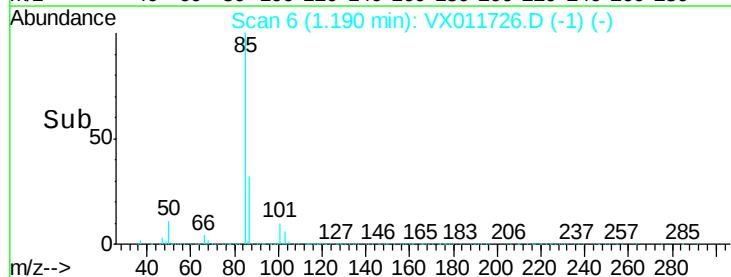
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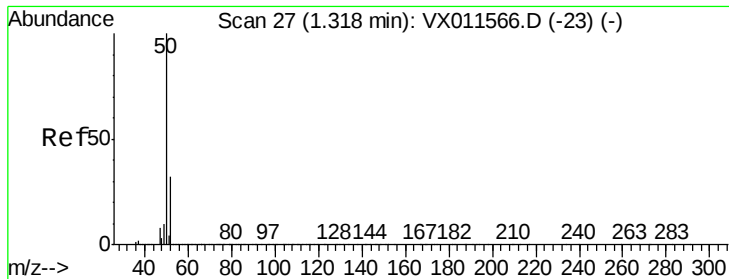
20000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 17.417 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 50 Resp: 64583

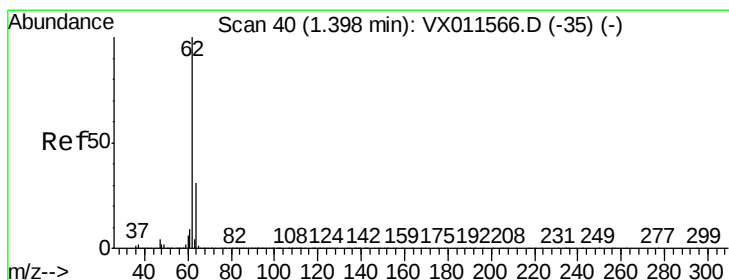
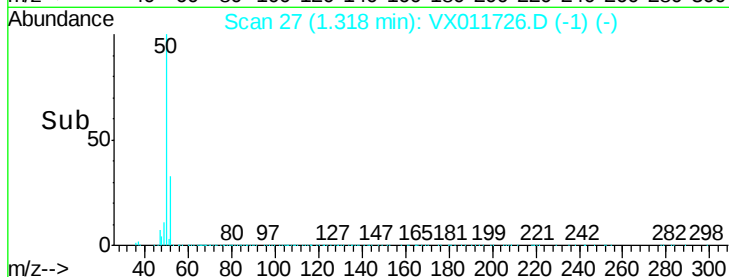
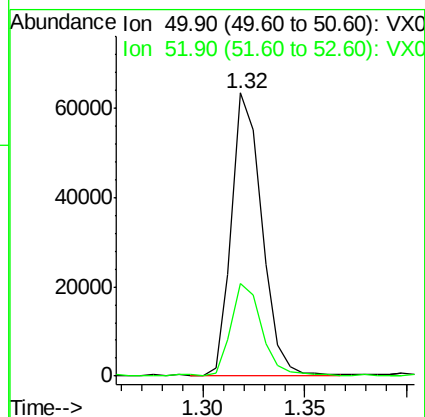
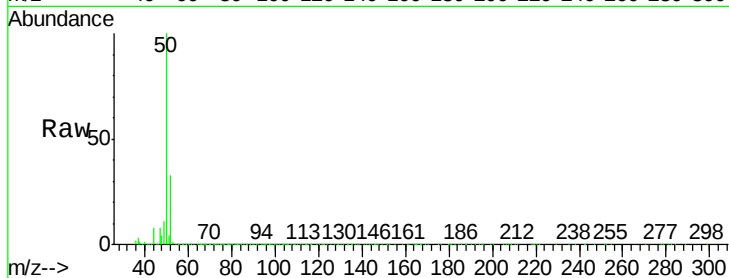
Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.291 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011726.D

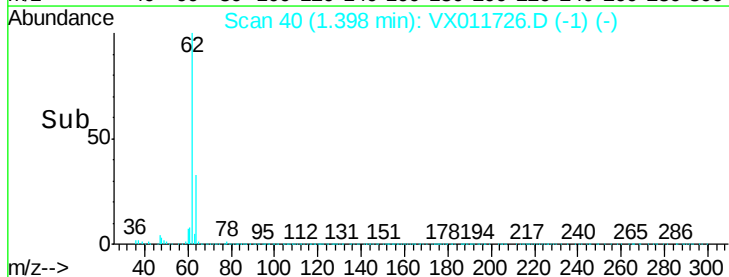
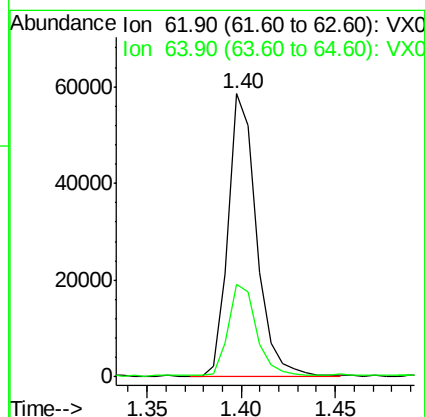
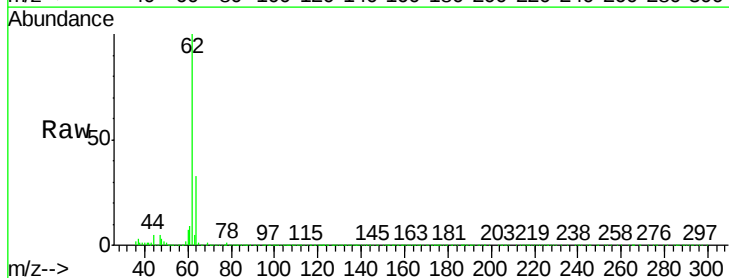
Acq: 21 Aug 2019 12:46

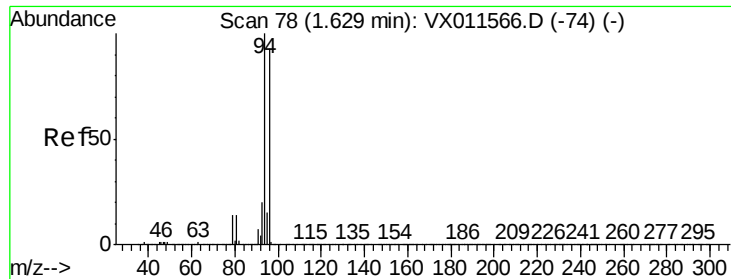
Tgt Ion: 62 Resp: 61270

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 25.294 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 94 Resp: 37964

Ion Ratio Lower Upper

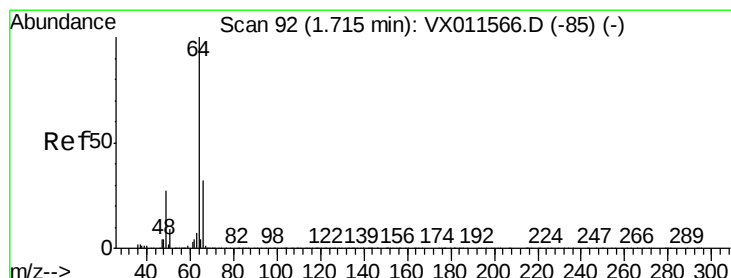
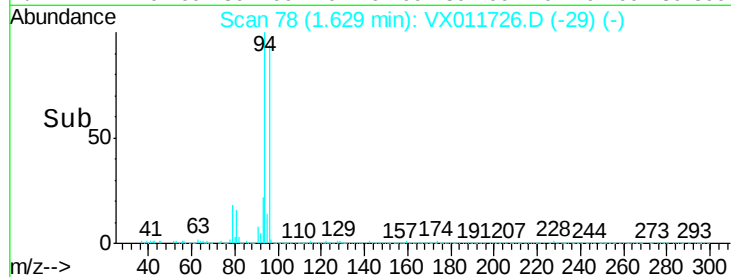
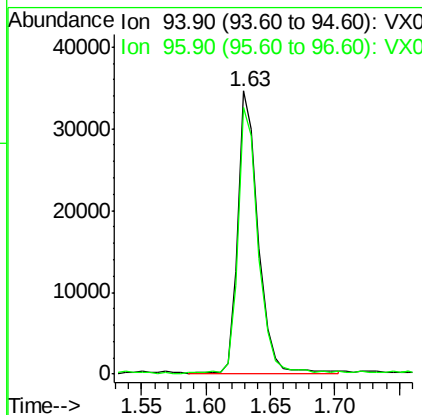
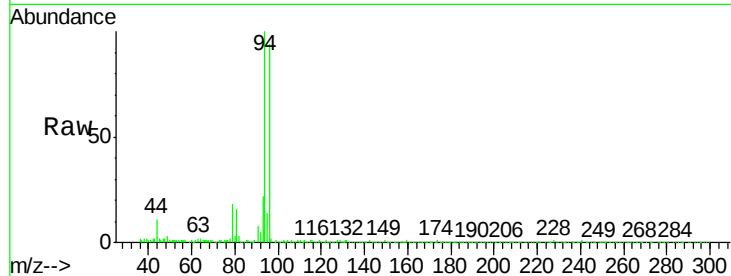
94 100

96 94.1 74.8 112.2

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#6

Chloroethane

Concen: 22.189 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011726.D

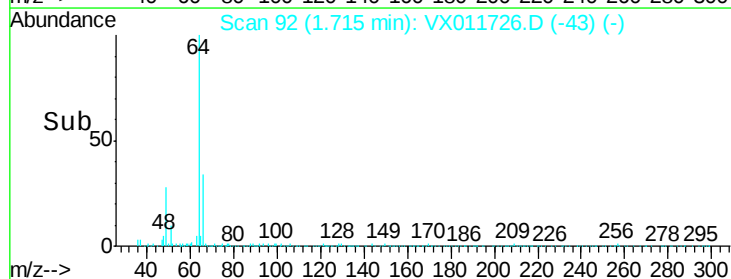
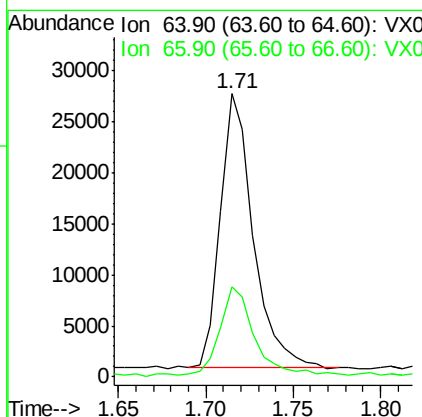
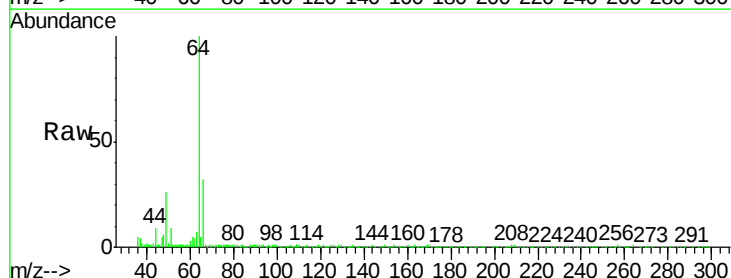
Acq: 21 Aug 2019 12:46

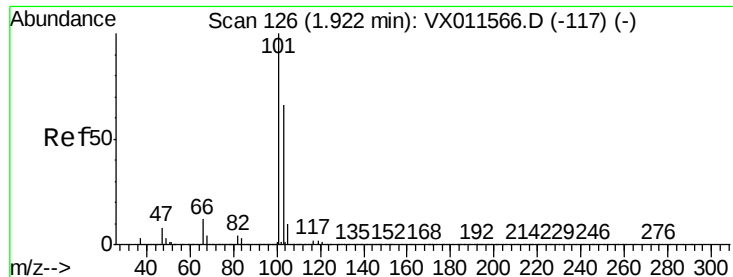
Tgt Ion: 64 Resp: 35177

Ion Ratio Lower Upper

64 100

66 32.1 25.3 37.9





#7

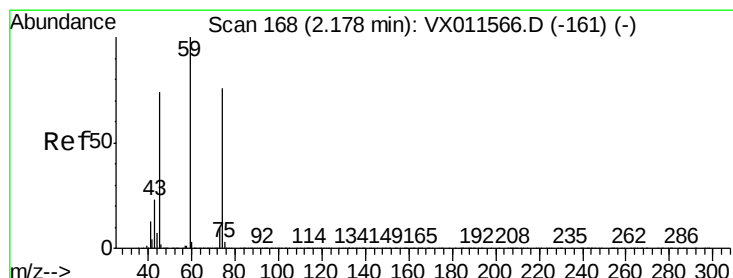
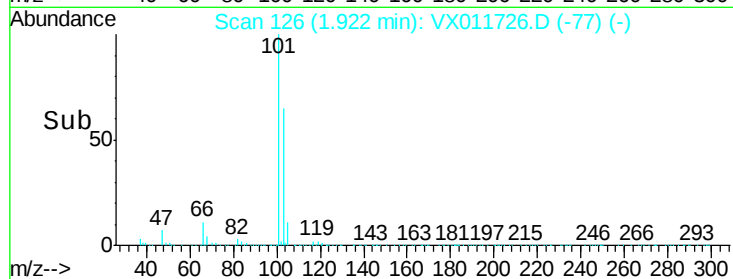
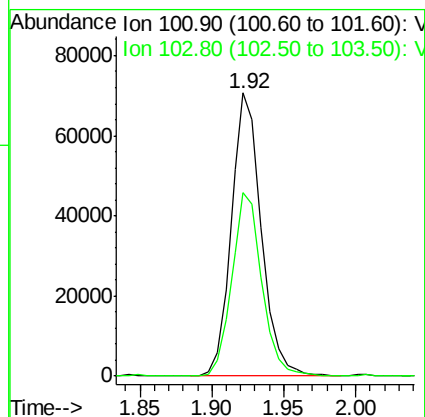
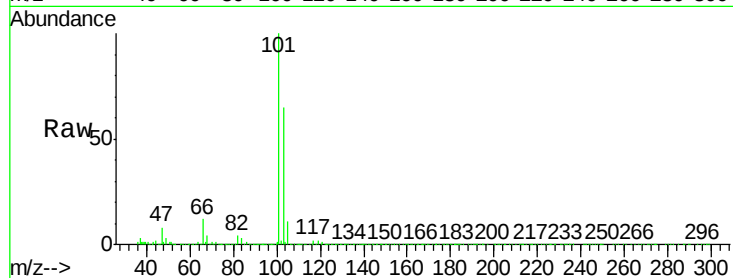
Trichlorofluoromethane
Concen: 22.174 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.9	79.3

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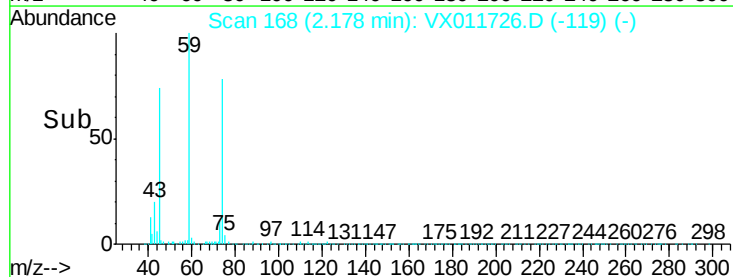
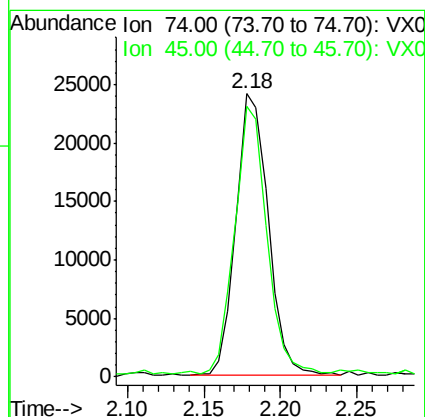
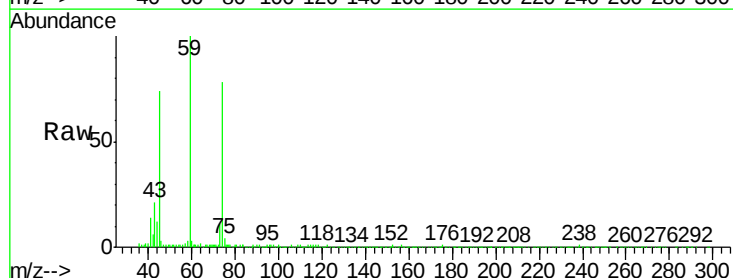
MMDadoda
8/22/2019 10:01:03 AM

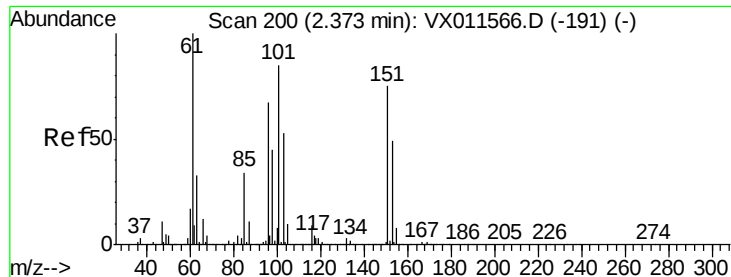


#8

Diethyl Ether
Concen: 22.159 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.115 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

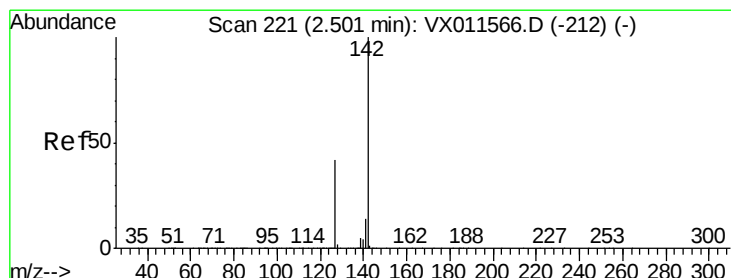
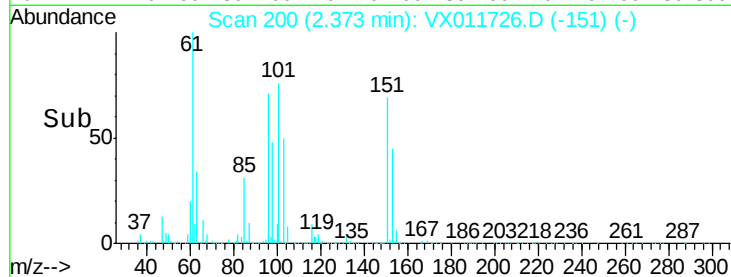
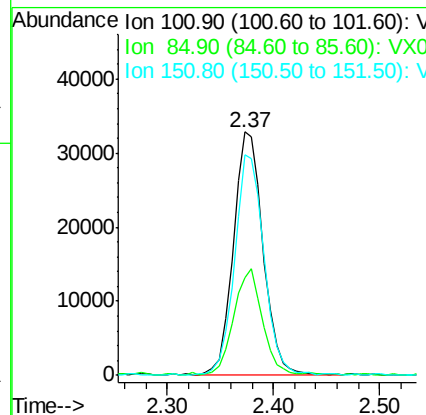
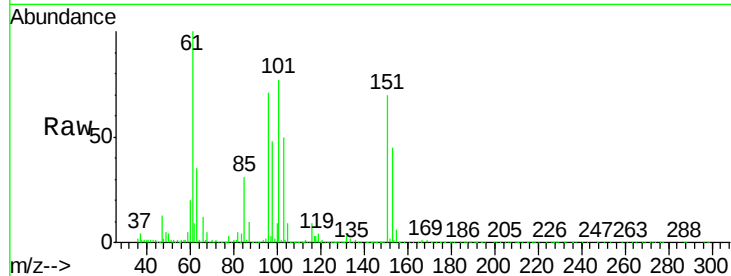
ClientSampleId :

VX0821MBS01

Tot Ion:	101	Resp:	64461
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.0	49.4
151	89.8	73.3	109.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.004 ug/l

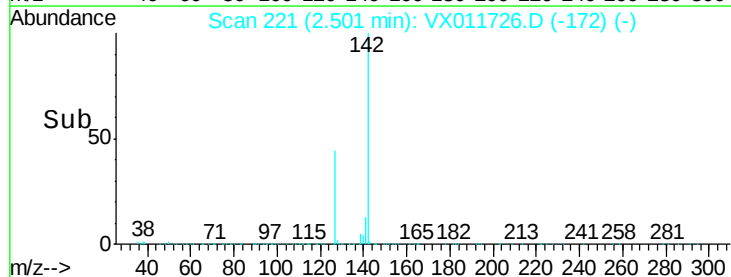
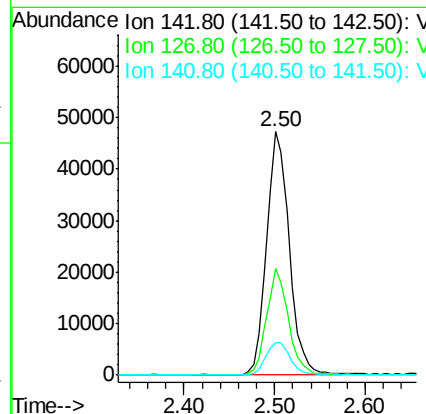
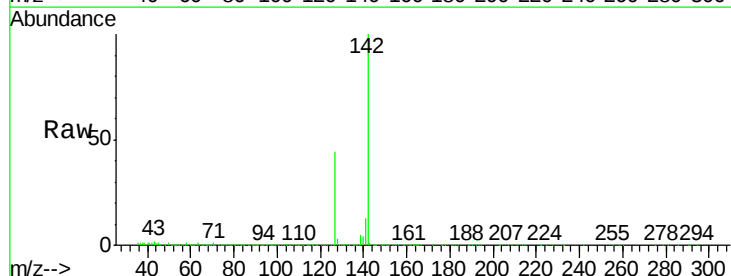
RT: 2.50 min Scan# 221

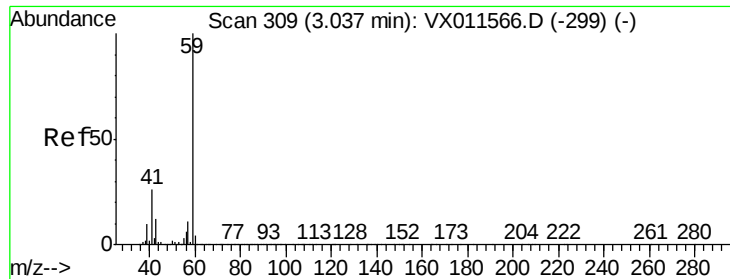
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	142	Resp:	82193
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.8	49.2
141	14.5	11.4	17.2





#11

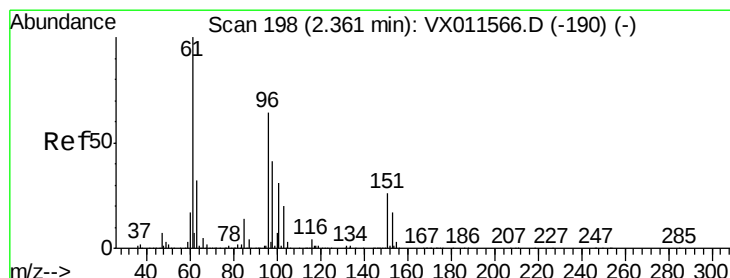
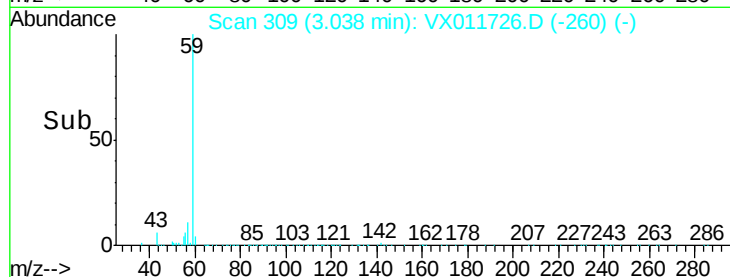
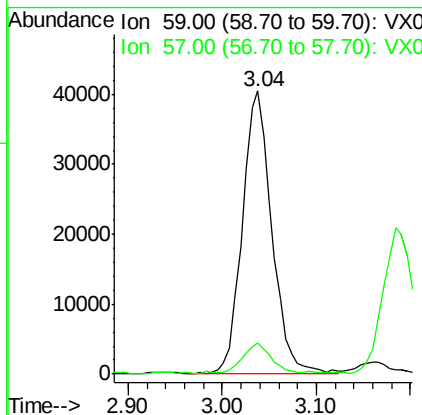
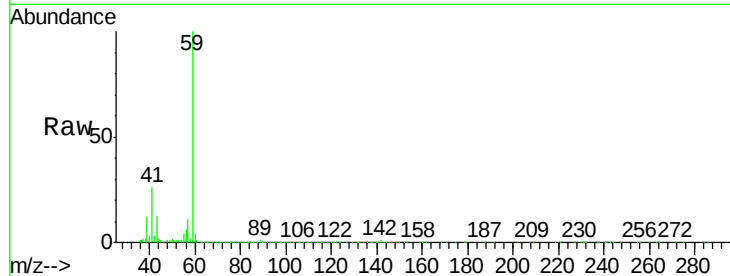
Tert butyl alcohol
Concen: 107.613 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.7	13.1

Manual Integrations
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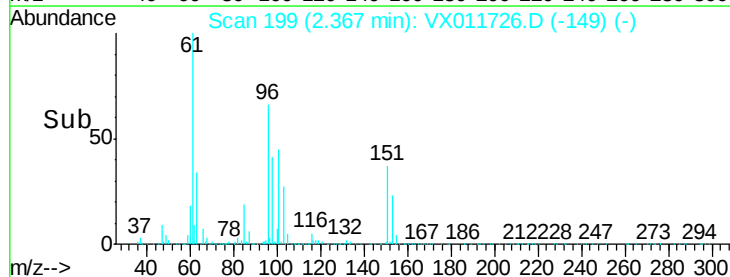
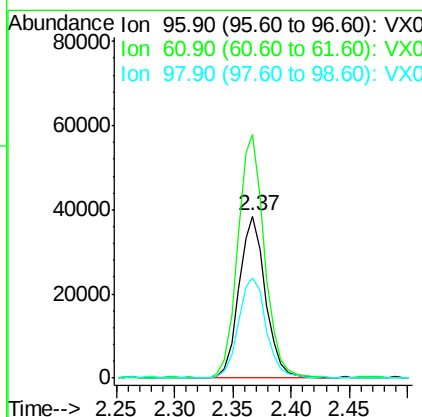
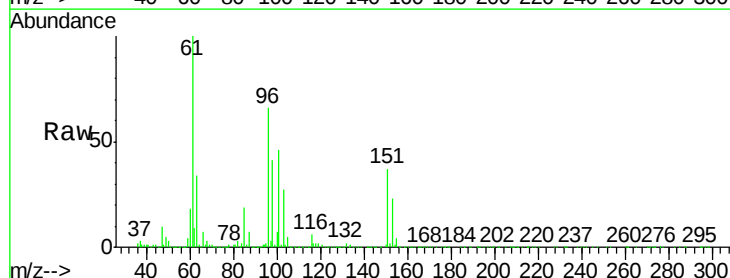
MMDadoda
8/22/2019 10:01:03 AM

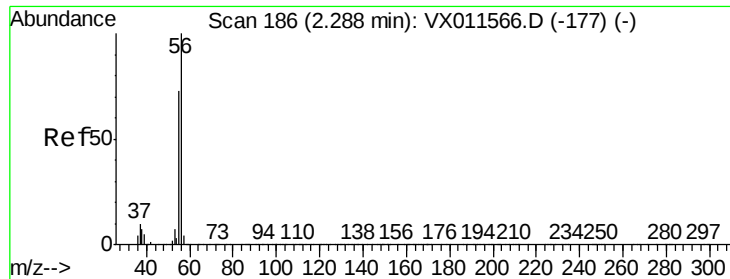


#12

1,1-Dichloroethene
Concen: 19.464 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.2	125.0	187.4
98	61.9	51.5	77.3





#13

Acrolein

Concen: 104.323 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 56 Resp: 24628

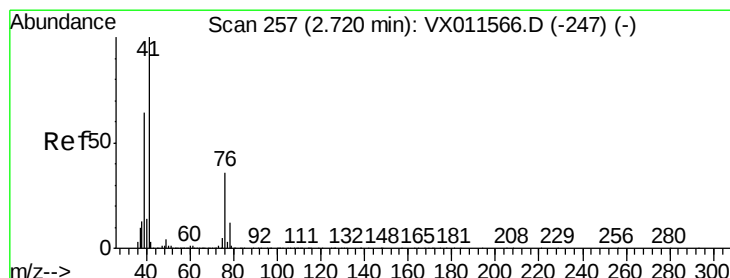
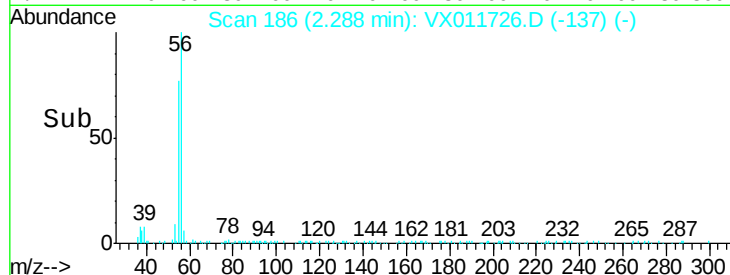
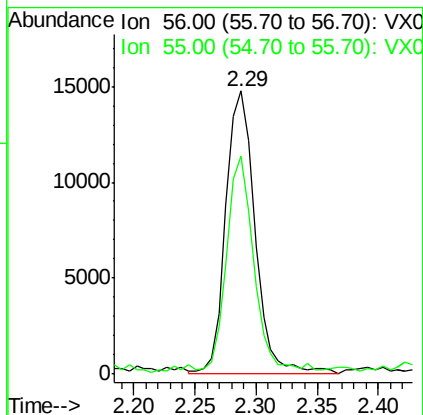
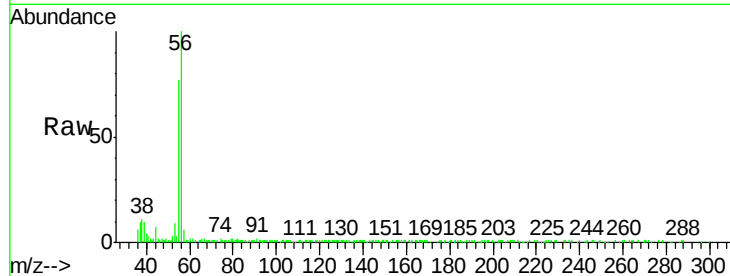
Ion Ratio Lower Upper

56 100

55 68.4 55.5 83.3

Manual Integrations
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#14

Allyl chloride

Concen: 19.895 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

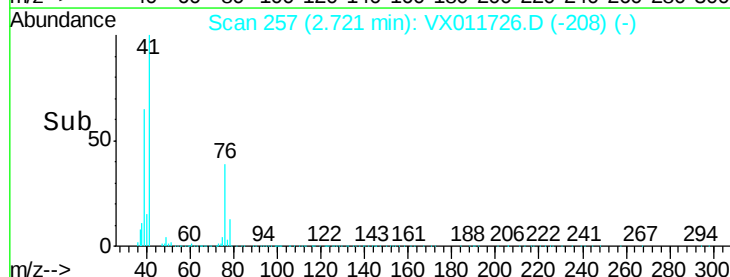
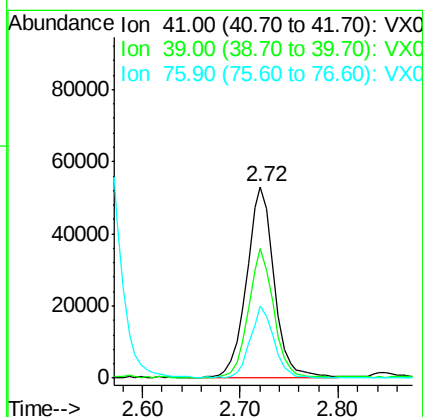
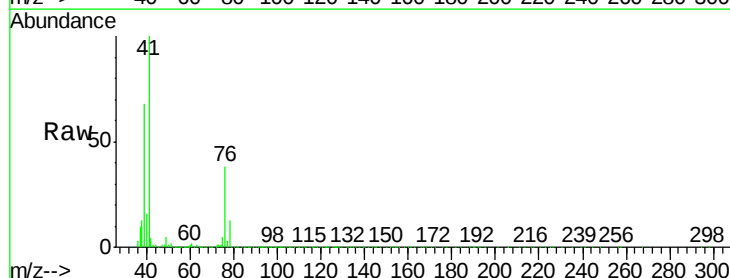
Tgt Ion: 41 Resp: 102497

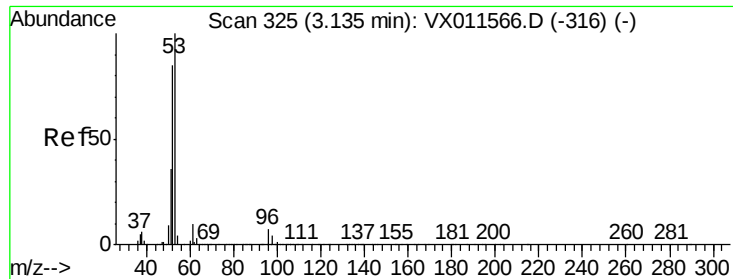
Ion Ratio Lower Upper

41 100

39 61.7 47.5 71.3

76 32.6 26.3 39.5





#15

Acrylonitrile

Concen: 105.738 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

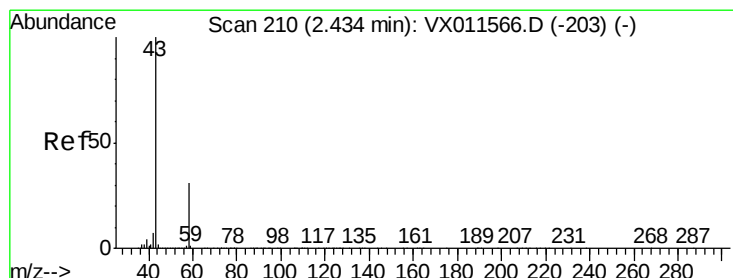
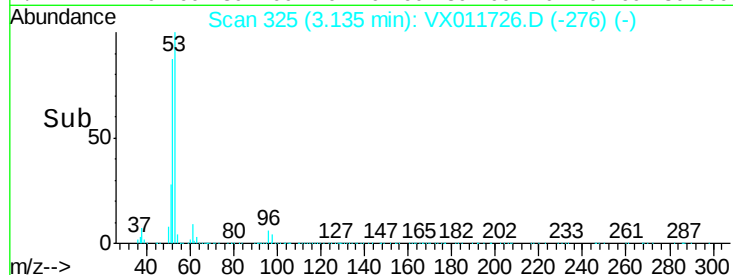
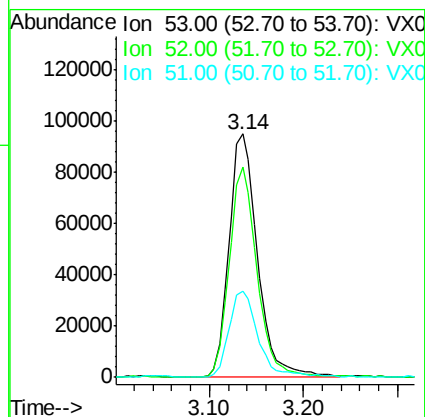
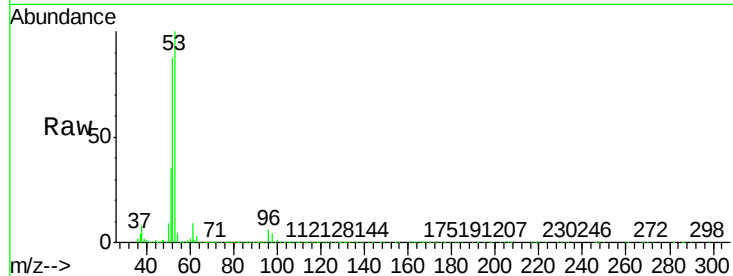
ClientSampleId :

VX0821MBS01

Tot Ion:	53	Resp:	199979
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.7	100.1
51	36.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 101.328 ug/l

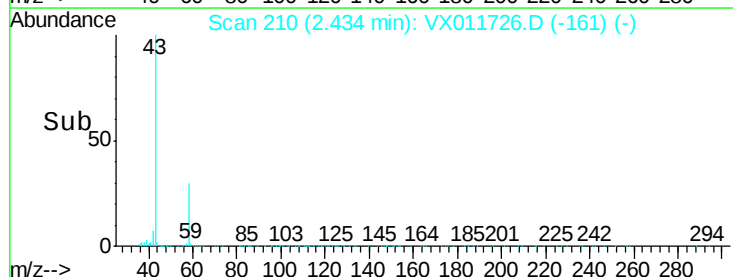
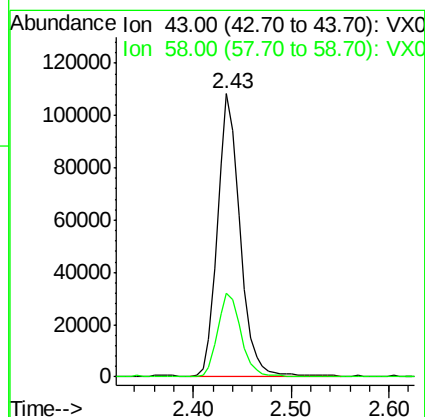
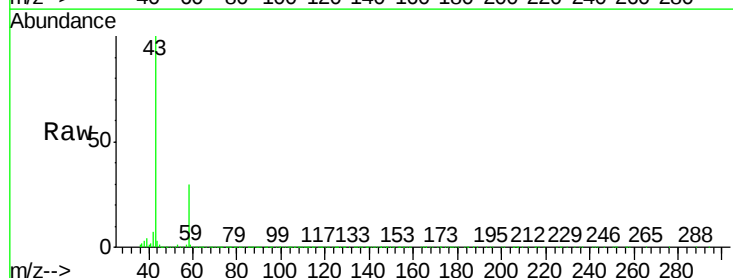
RT: 2.43 min Scan# 210

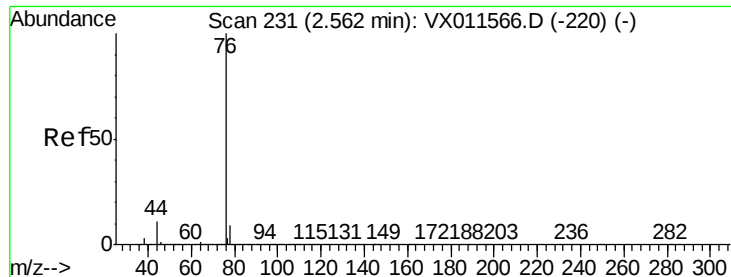
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	43	Resp:	171615
Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.2	37.8





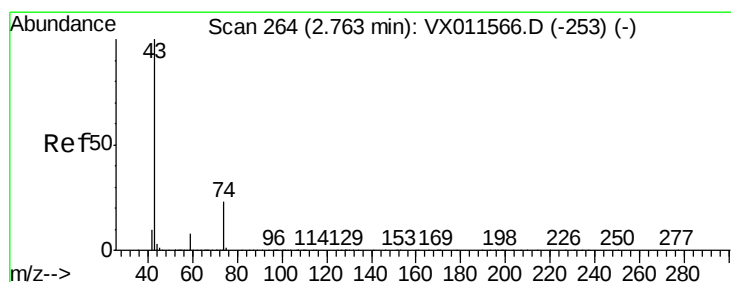
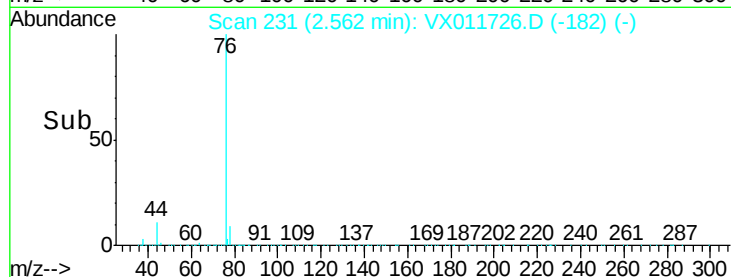
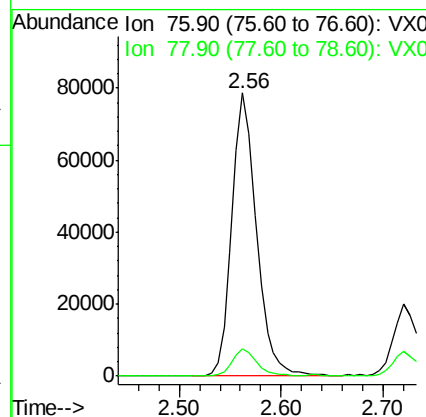
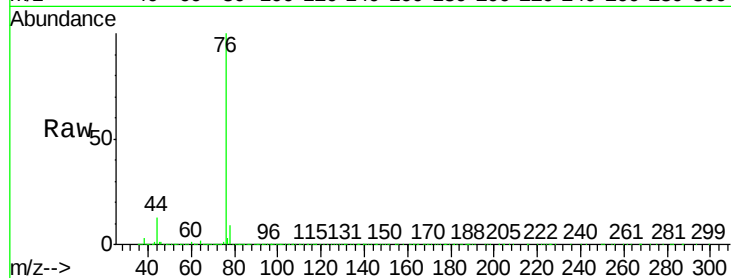
#17
Carbon Disulfide
Concen: 18.005 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

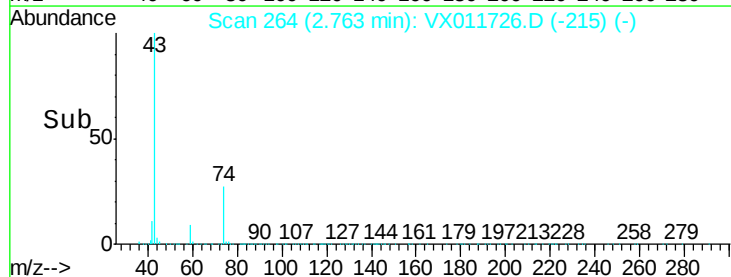
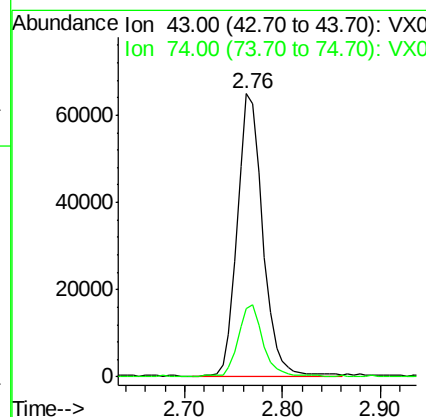
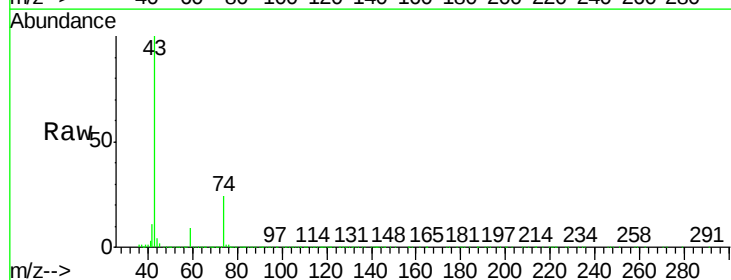
Manual Integrations
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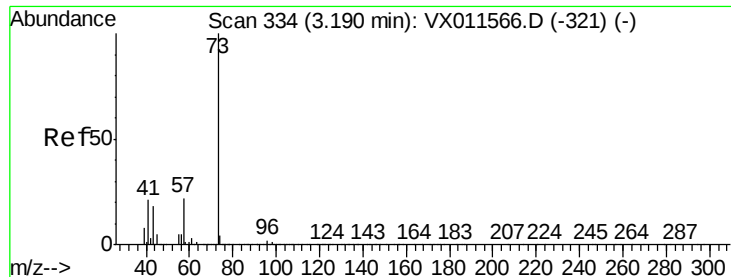
MMDadoda
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#18
Methyl Acetate
Concen: 22.265 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.7	29.5





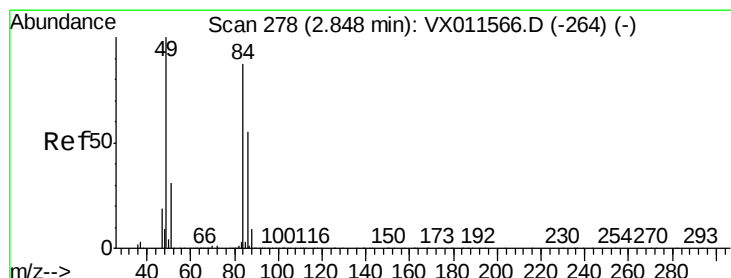
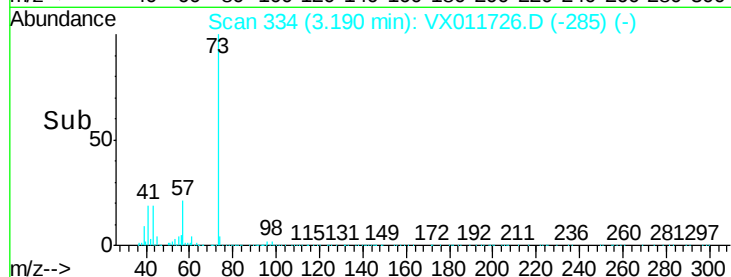
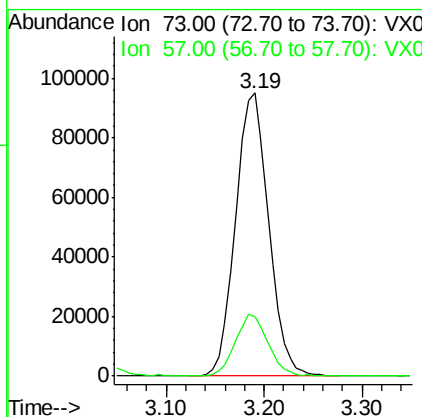
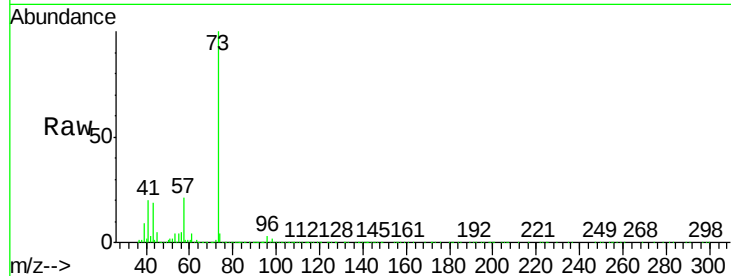
#19
Methvl tert-butvl Ether
Concen: 22.057 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.2	25.8

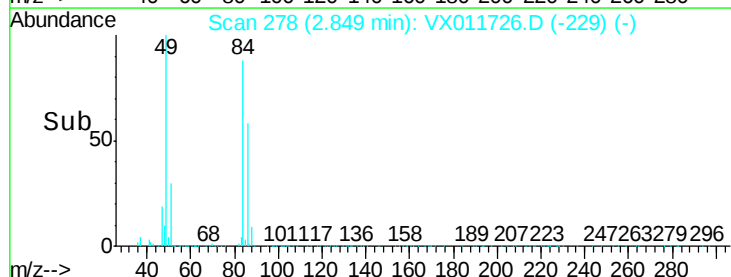
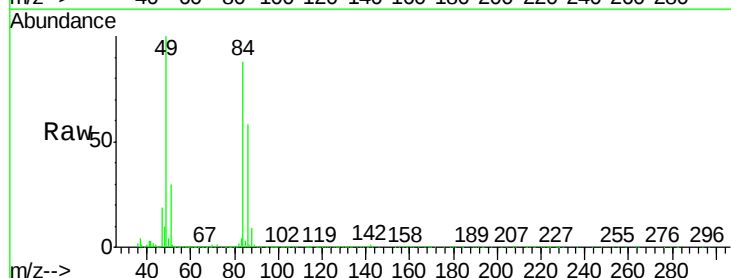
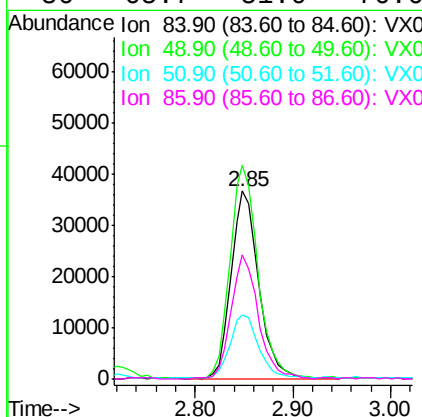
Manual Integrations
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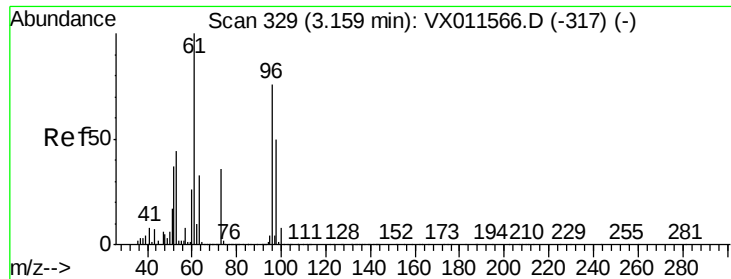
MMDadoda
8/22/2019 10:01:03 AM



#20
Methylene Chloride
Concen: 20.185 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	92.4	138.6
51	33.9	28.5	42.7
86	65.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.448 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

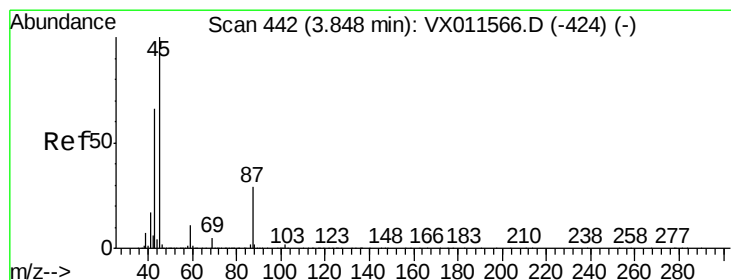
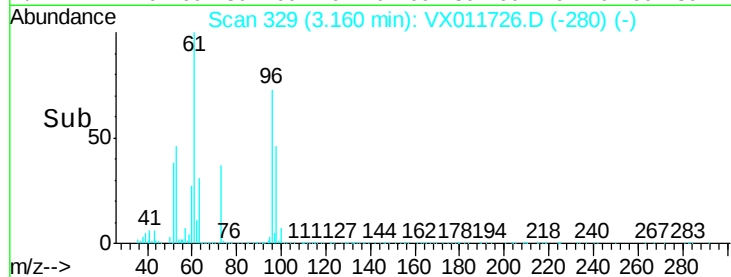
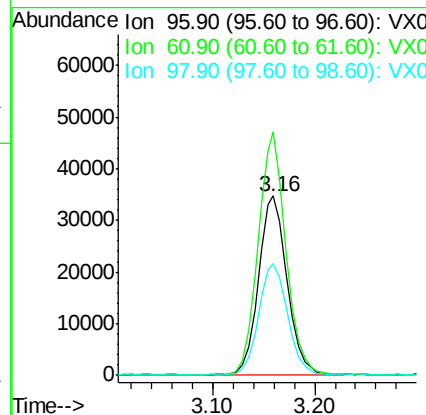
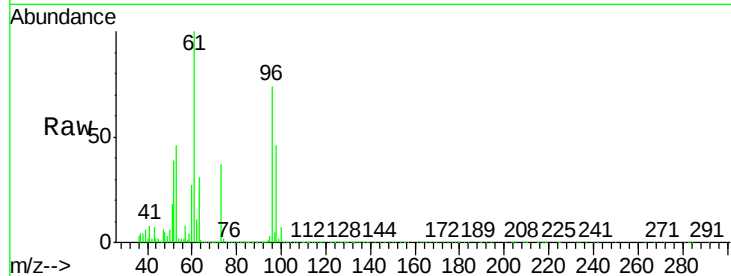
ClientSampleId :

VX0821MBS01

Tot Ion:	96	Resp:	67107
Ion	Ratio	Lower	Upper
96	100		
61	136.4	105.5	158.3
98	62.7	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.061 ug/l

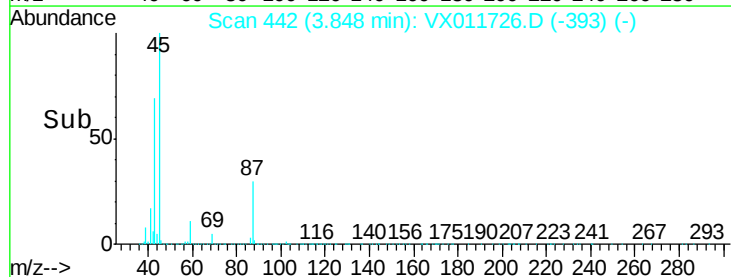
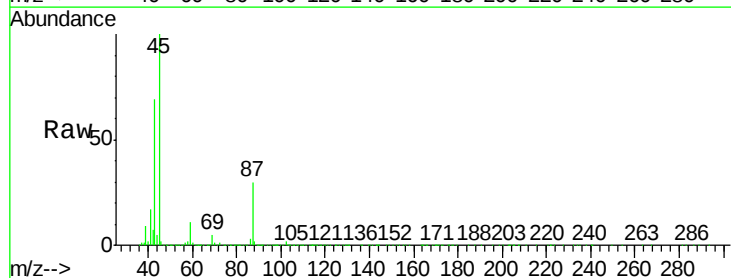
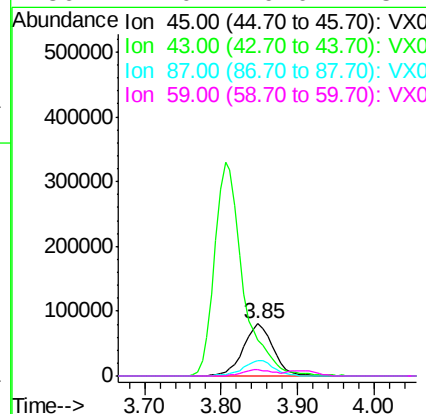
RT: 3.85 min Scan# 442

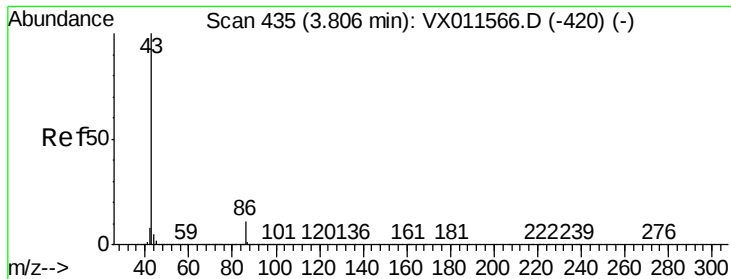
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	45	Resp:	216086
Ion	Ratio	Lower	Upper
45	100		
43	67.2	52.7	79.1
87	29.9	23.5	35.3
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 104.734 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011726.D

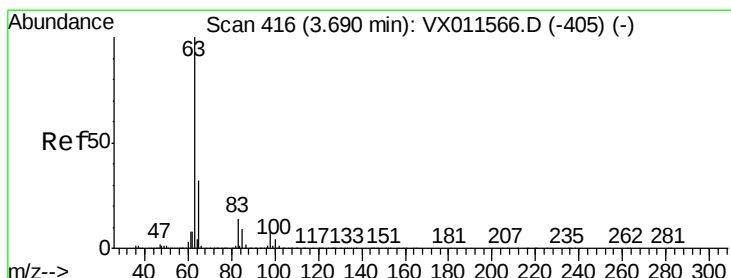
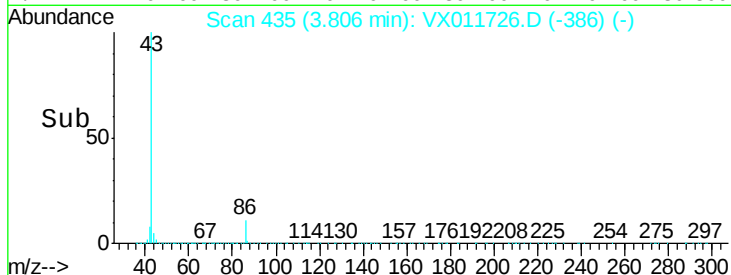
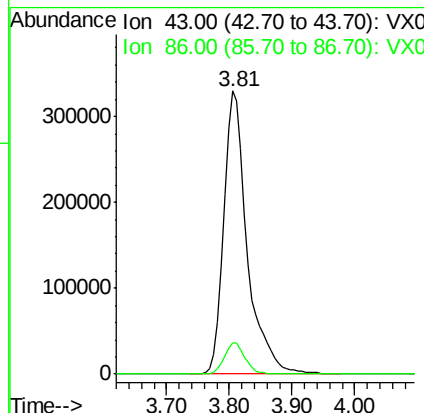
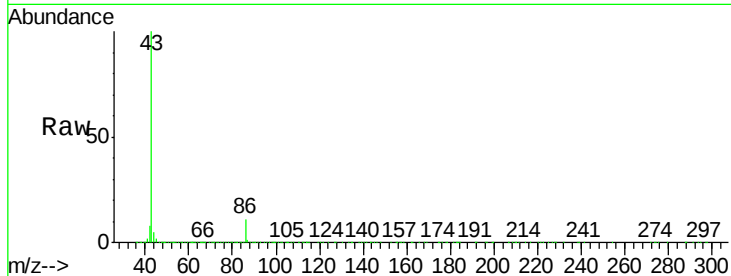
Acq: 21 Aug 2019 12:46

Tot Ion	Ratio	Resp	Lower	Upper
43	100	850907		
86	11.1		8.6	13.0

Instrument :
MSVOA_X
ClientSampled :
VX0821MBS01

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.801 ug/l

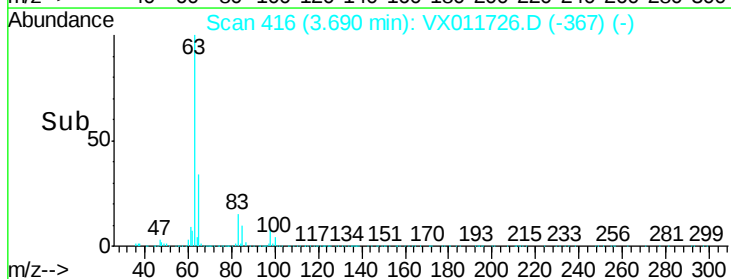
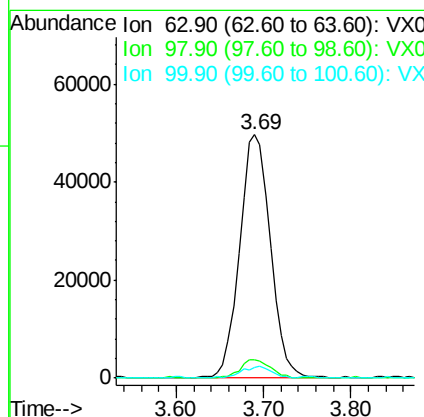
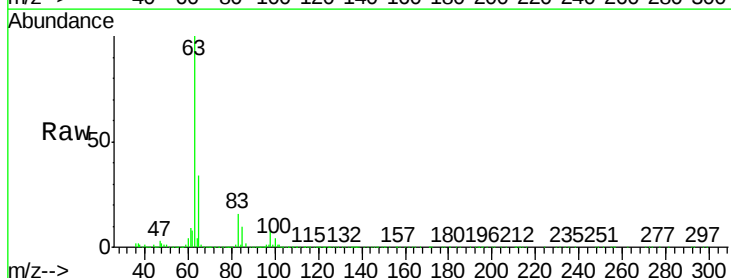
RT: 3.69 min Scan# 416

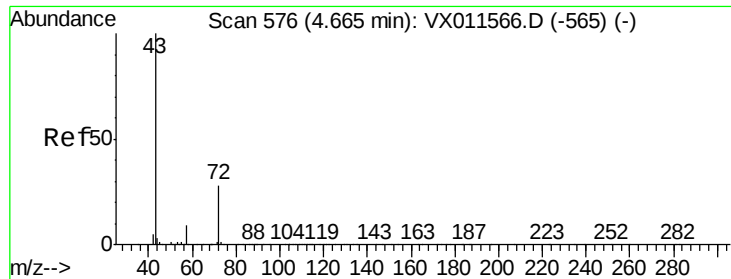
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	120661		
98	7.4		3.7	11.1
100	4.4		2.1	6.3





#25

2-Butanone

Concen: 105.969 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 43 Resp: 281762

Ion Ratio Lower Upper

43 100

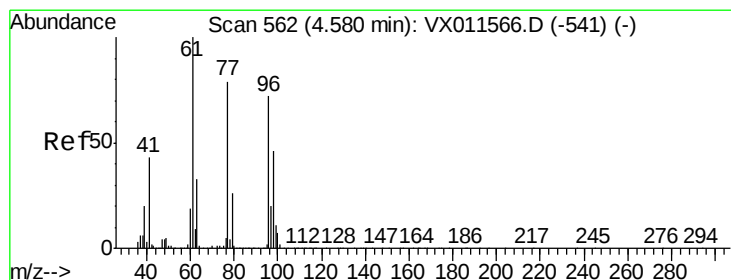
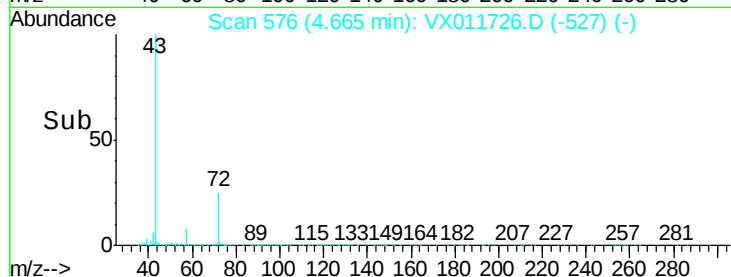
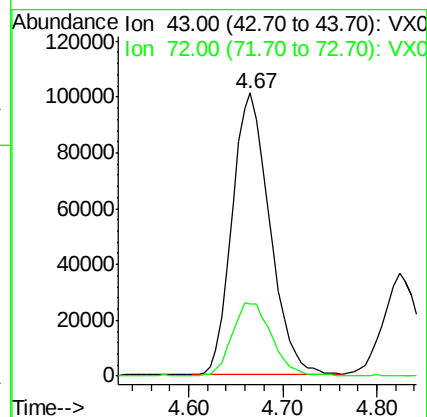
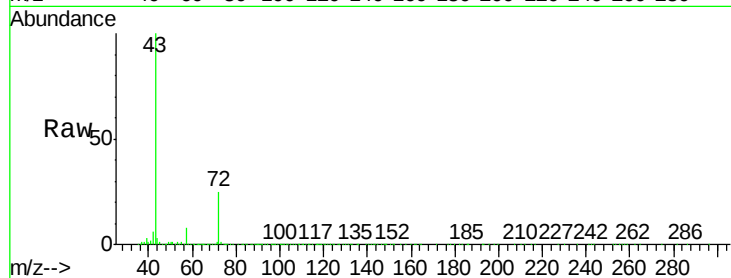
72 25.2 22.2 33.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.380 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011726.D

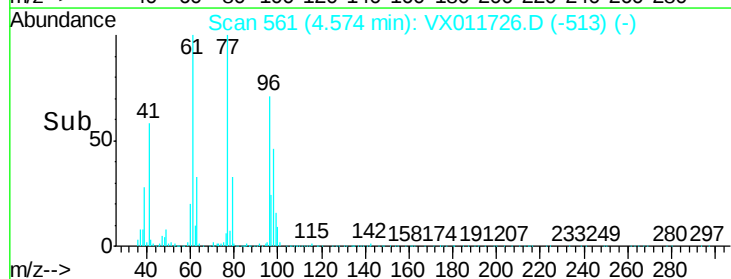
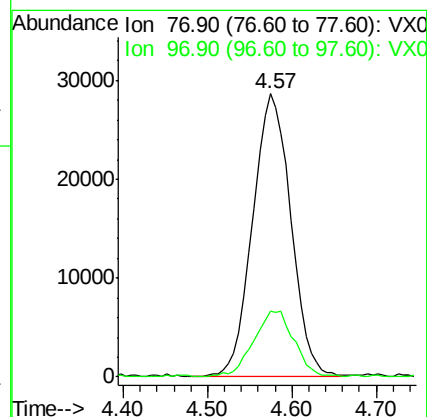
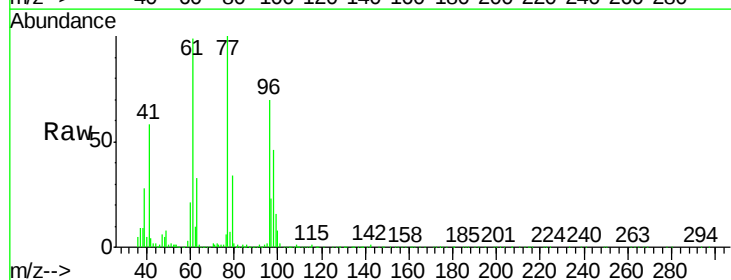
Acq: 21 Aug 2019 12:46

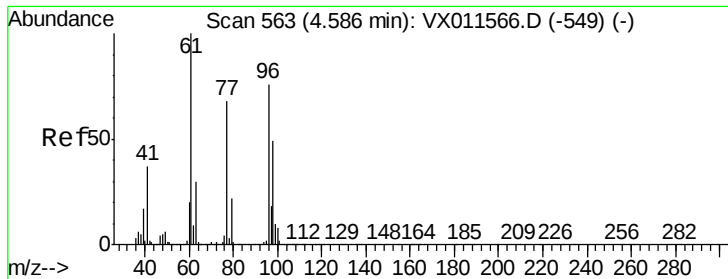
Tgt Ion: 77 Resp: 88978

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.2





#27

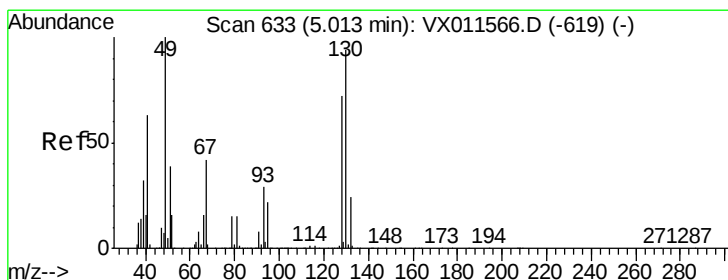
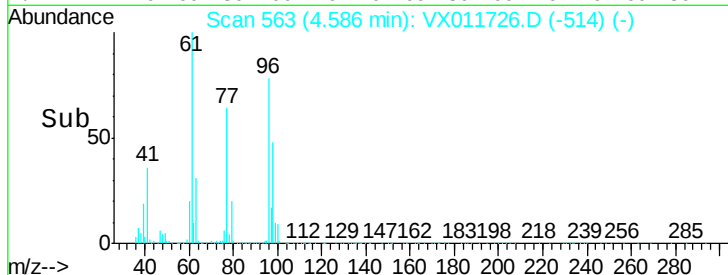
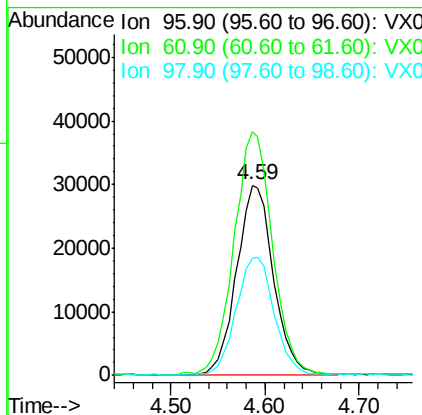
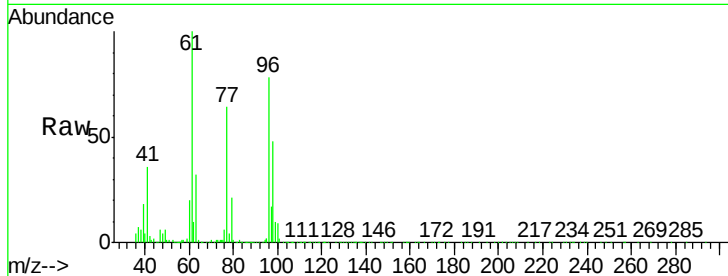
cis-1,2-Dichloroethene
Concen: 21.444 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	272.6
98	64.1	0.0	129.4

Manual Integrations
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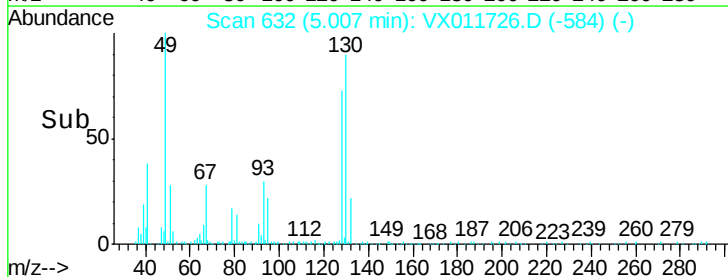
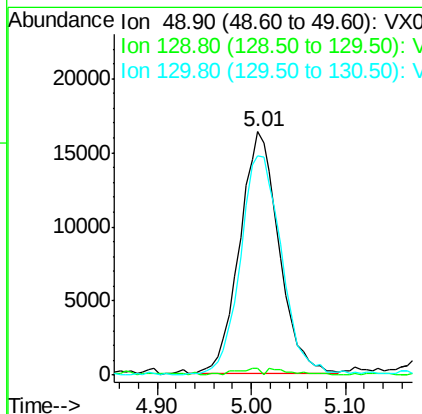
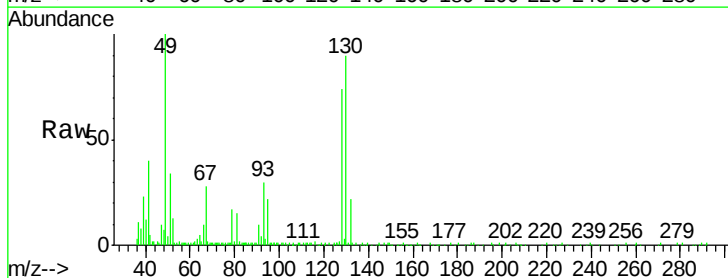
MMDadoda
8/22/2019 10:01:03 AM

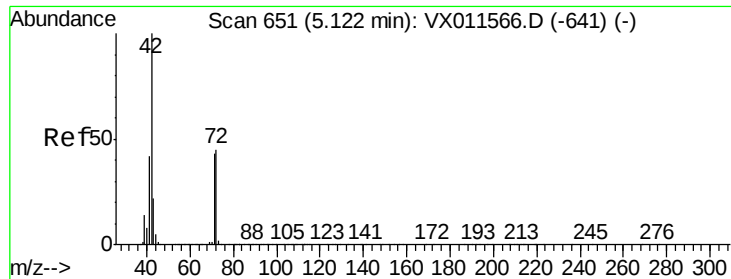


#28

Bromochloromethane
Concen: 18.593 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	95.9	76.6	115.0





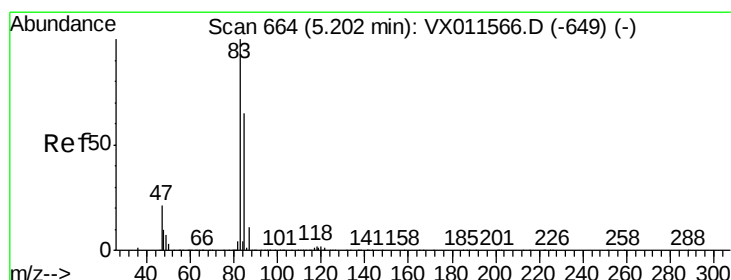
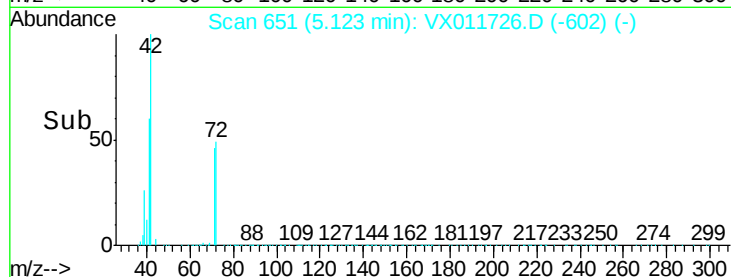
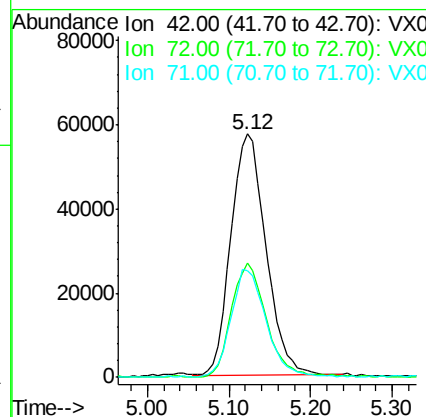
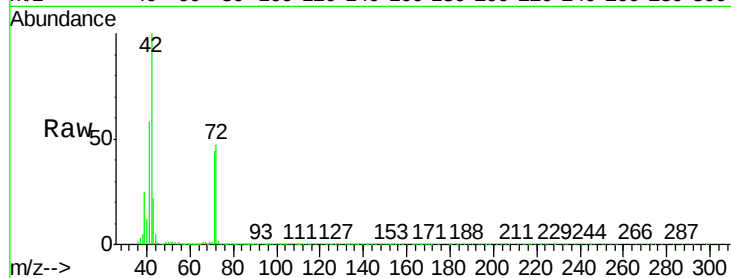
#29
Tetrahydrofuran
Concen: 98.397 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.1	54.1
71	44.0	33.8	50.8

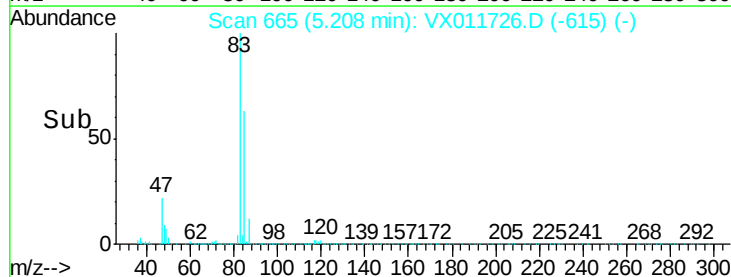
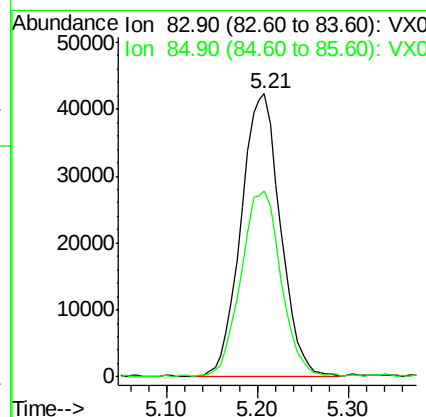
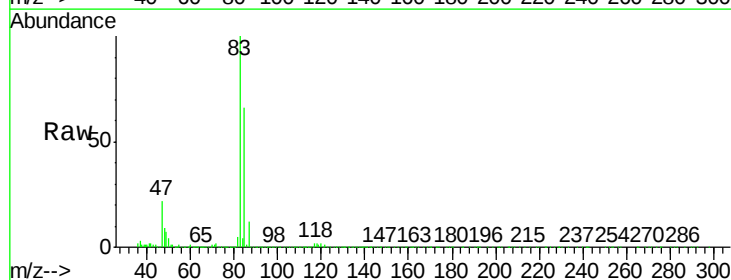
Manual Integrations
APPROVED

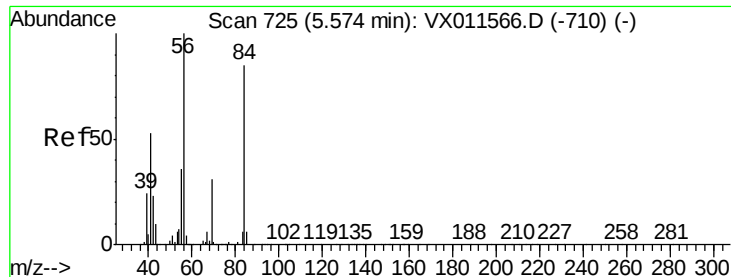
MMDadoda
8/22/2019 10:01:03 AM



#30
Chloroform
Concen: 20.658 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.9	77.9





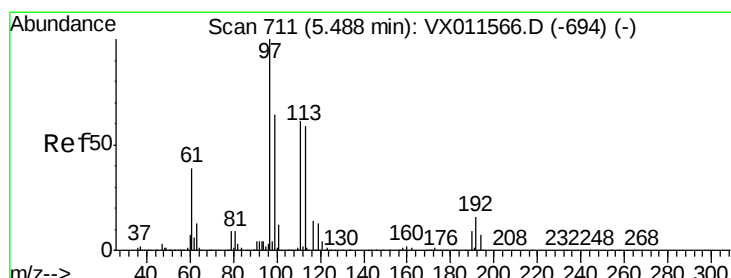
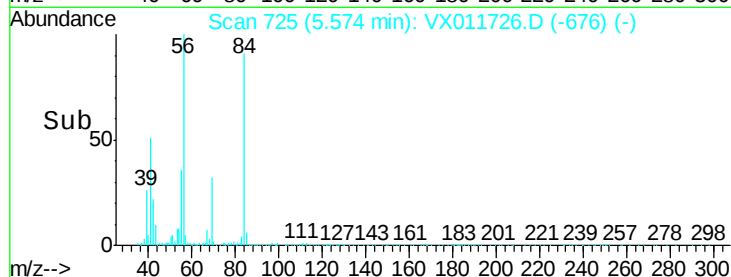
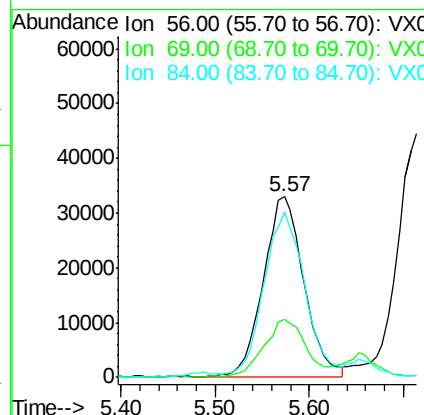
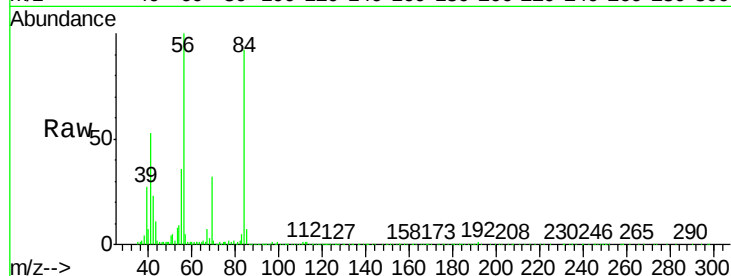
#31
Cyclohexane
Concen: 19.743 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.4	24.8	37.2	
84	90.0	67.9	101.9	

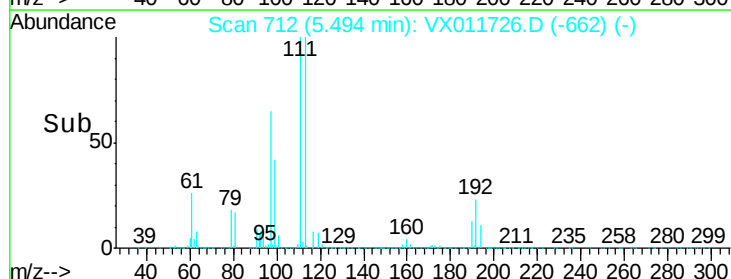
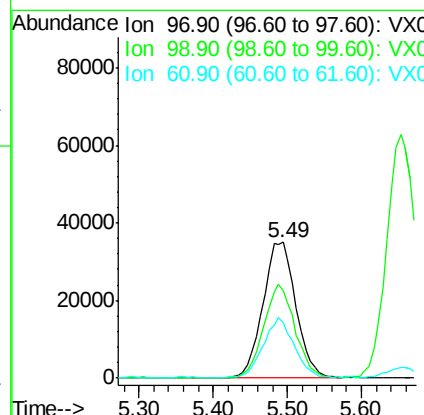
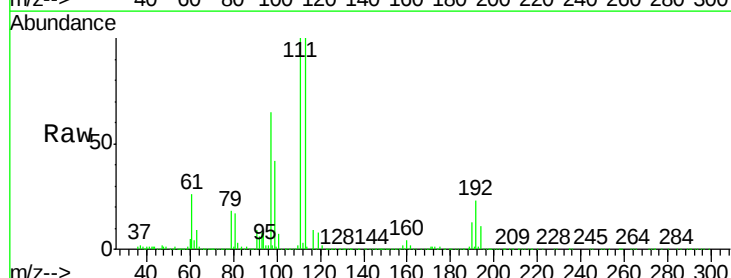
Manual Integrations
APPROVED

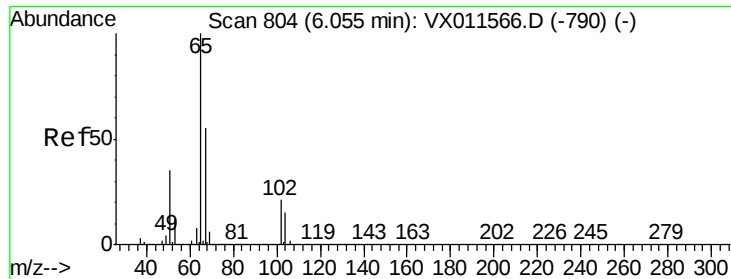
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#32
1,1,1-Trichloroethane
Concen: 20.630 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.3	51.4	77.0	
61	40.9	31.4	47.2	





#33

1,2-Dichloroethane-d4

Concen: 50.072 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 65 Resp: 168660

Ion Ratio Lower Upper

65 100

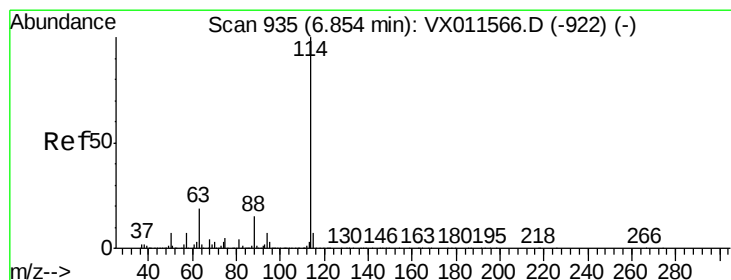
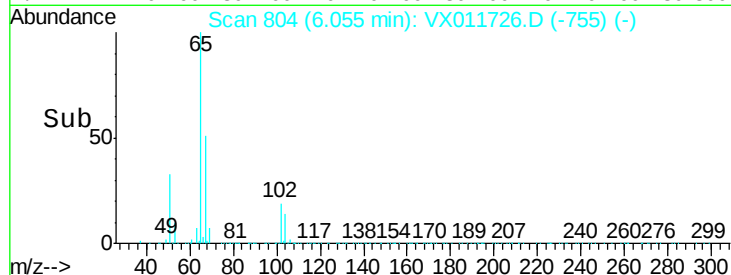
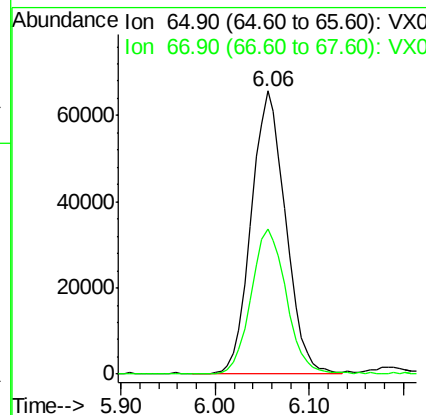
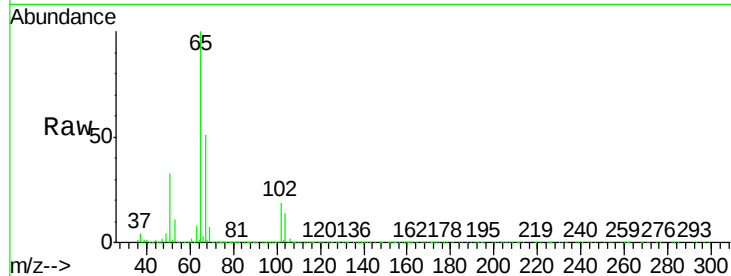
67 51.7 0.0 107.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

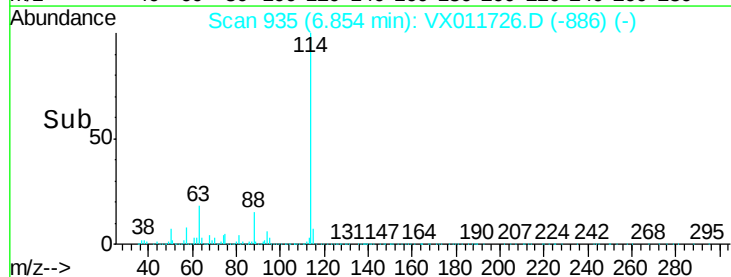
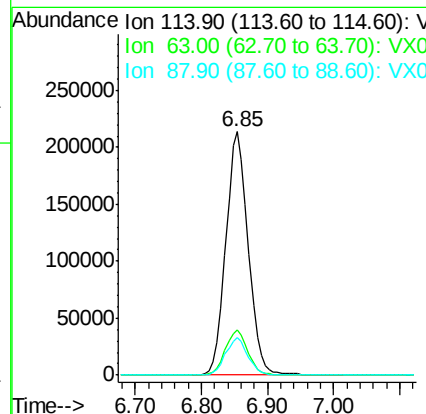
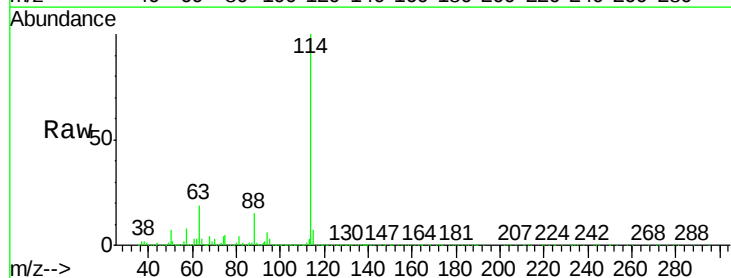
Tgt Ion: 114 Resp: 499616

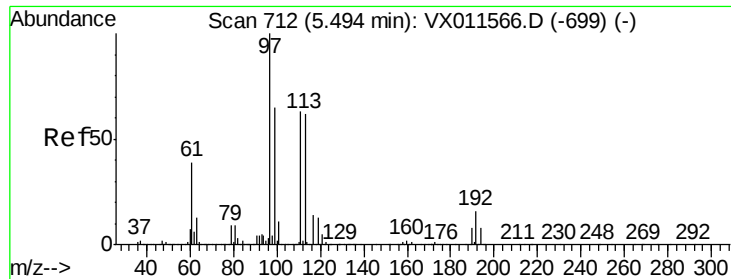
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.975 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

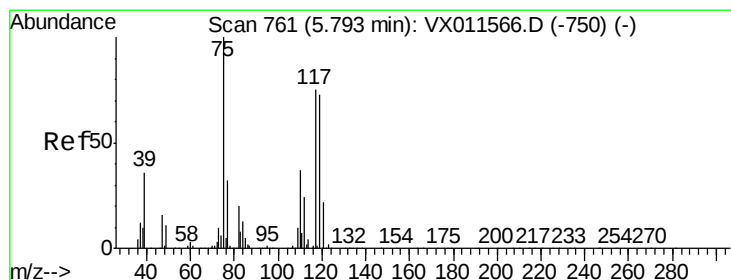
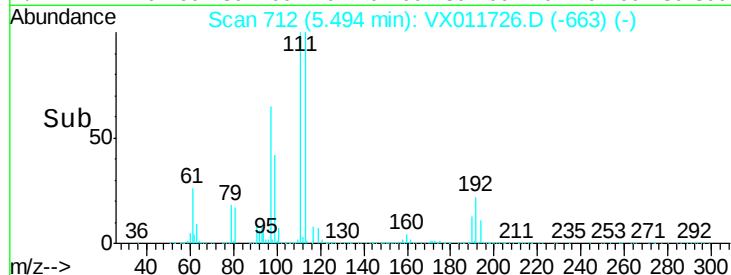
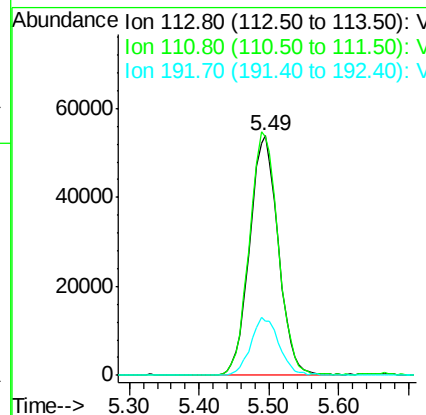
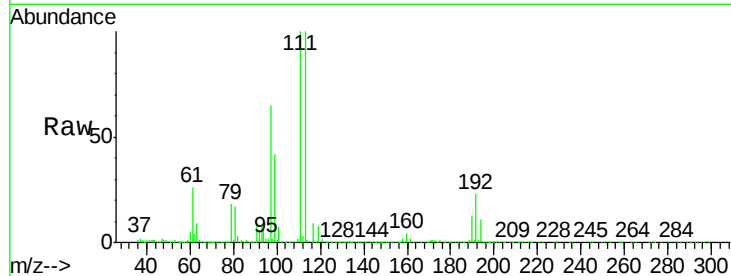
ClientSampleId :

VX0821MBS01

Tot Ion:	113	Resp:	153504
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.1	121.7
192	24.1	20.8	31.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.468 ug/l

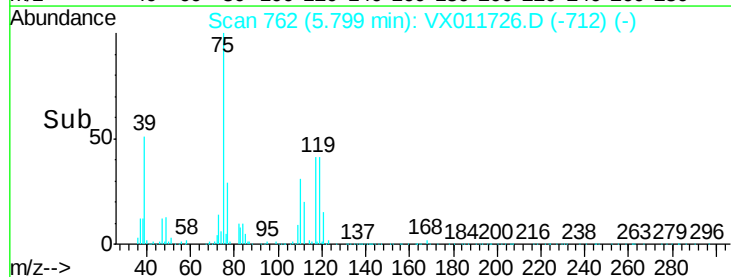
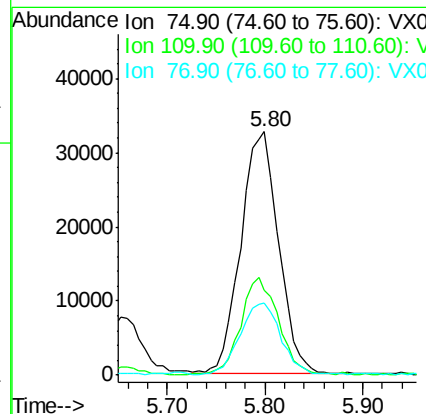
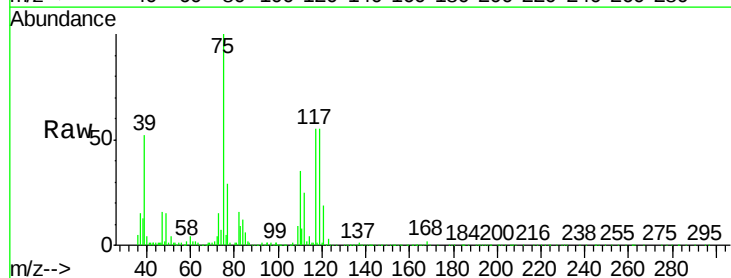
RT: 5.80 min Scan# 762

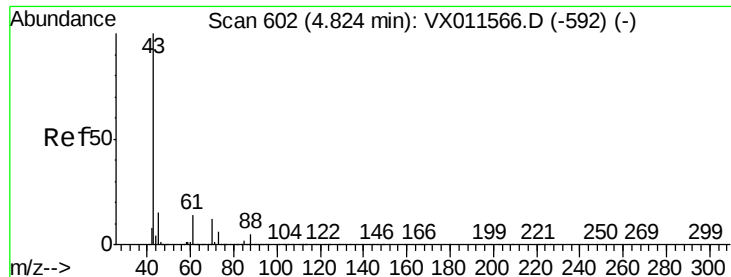
Delta R.T. 0.01 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	75	Resp:	87434
Ion Ratio	Lower	Upper	
75	100		
110	39.8	19.4	58.1
77	31.4	25.1	37.7





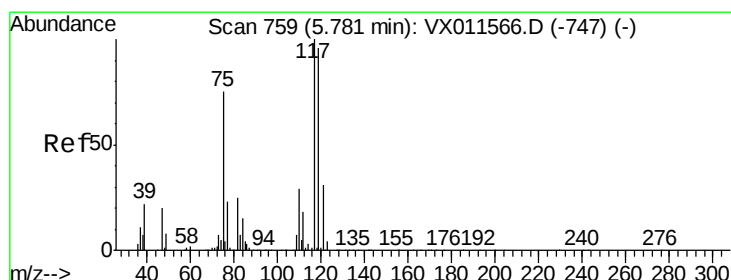
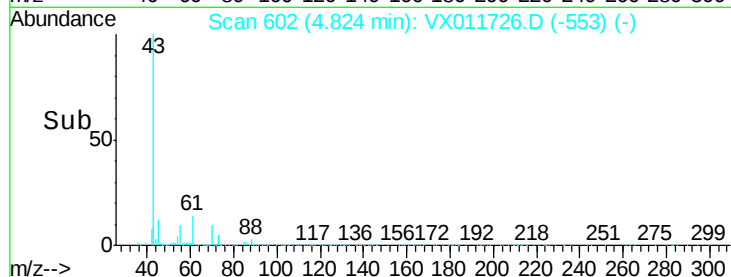
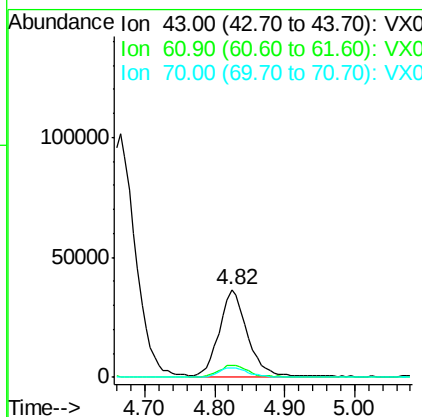
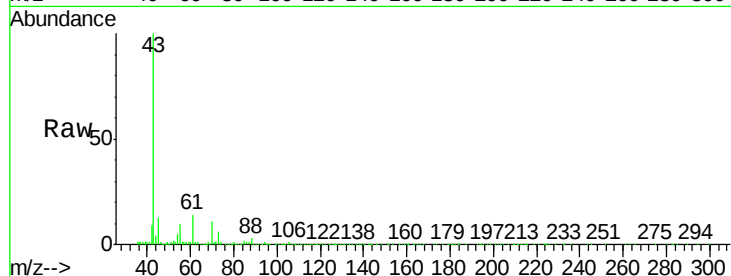
#37
Ethyl Acetate
Concen: 20.279 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.4	17.0
70	11.3	9.0	13.6

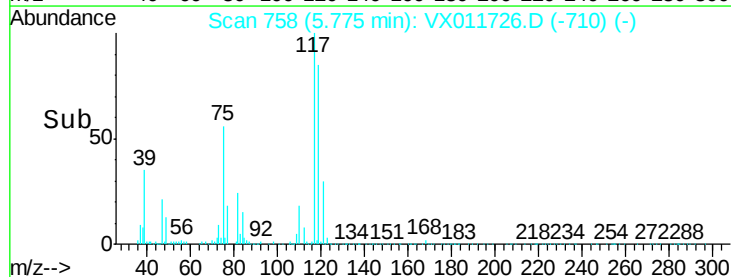
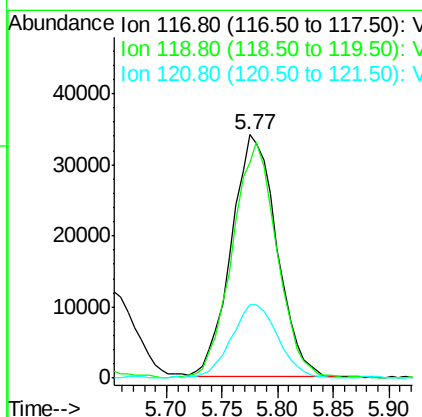
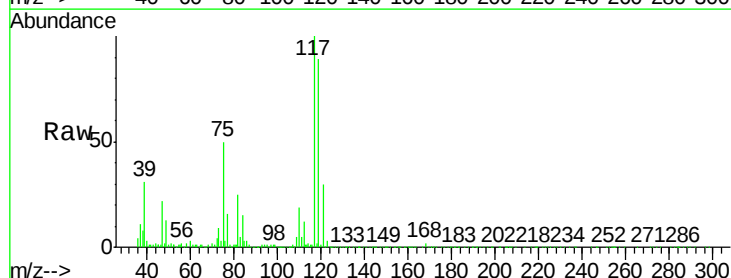
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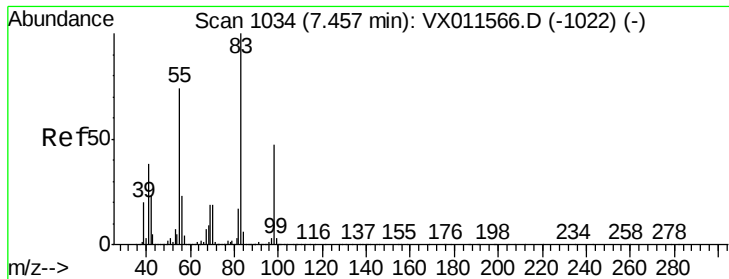
MMDadoda
8/22/2019 10:01:03 AM



#38
Carbon Tetrachloride
Concen: 20.558 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.5	76.9	115.3
121	29.9	24.8	37.2





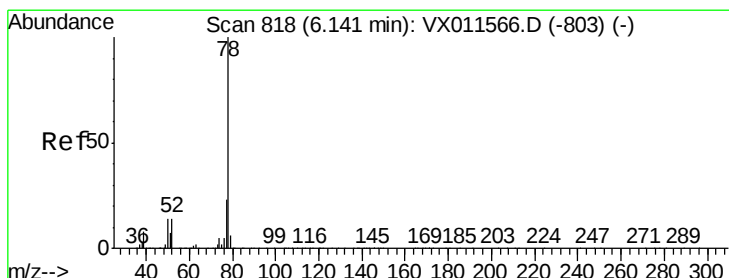
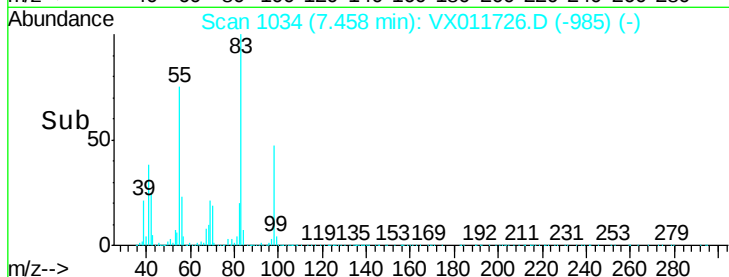
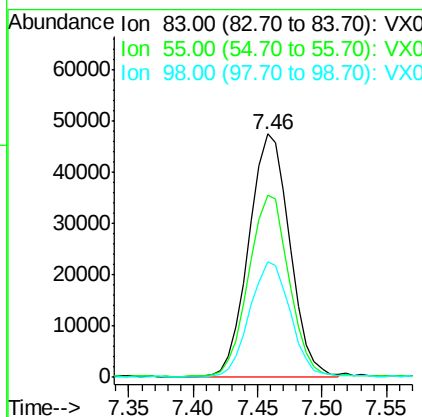
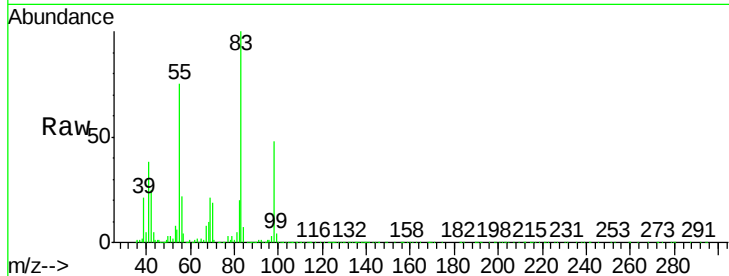
#39
Methvlcvclohexane
Concen: 19.704 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	58.8	88.2
98	47.6	37.8	56.6

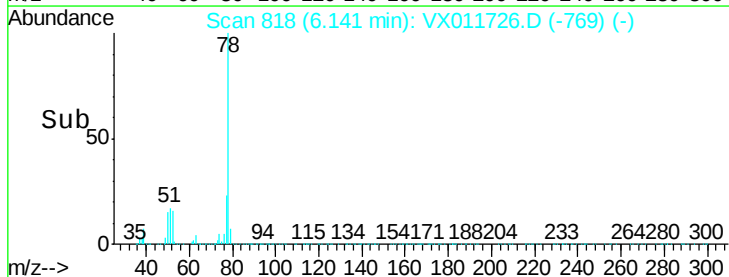
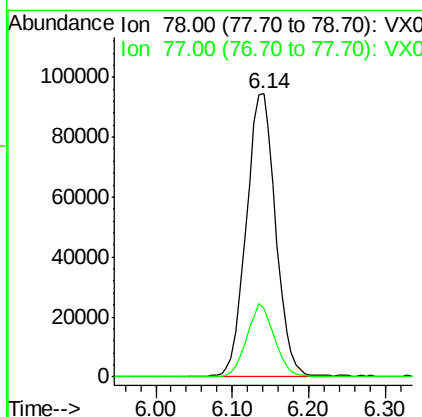
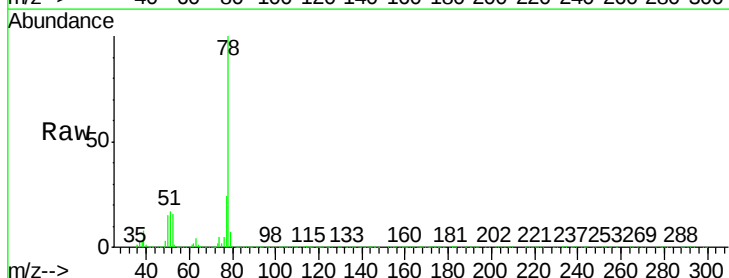
Manual Integrations
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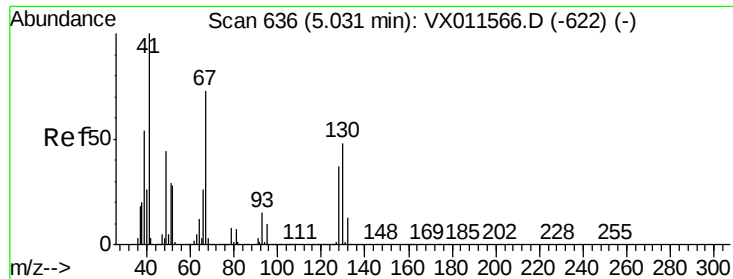
MMDadoda
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#40
Benzene
Concen: 19.060 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





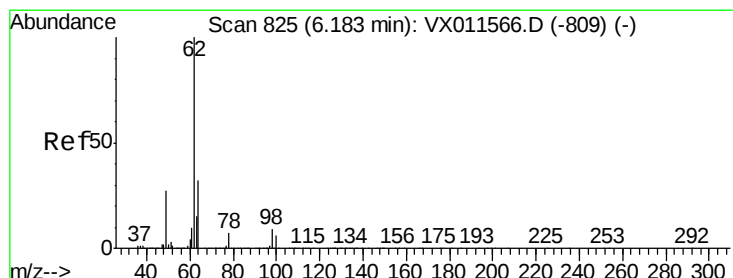
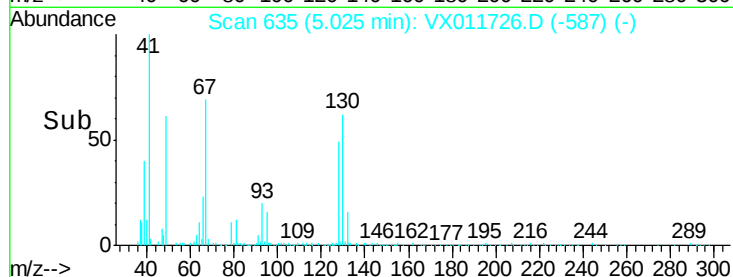
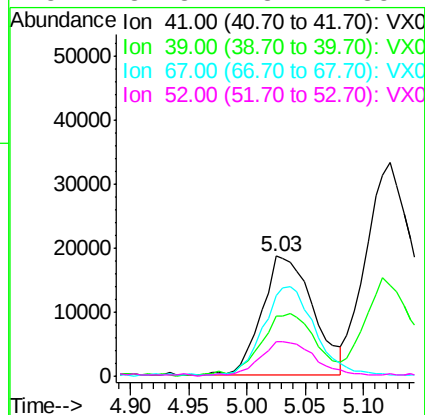
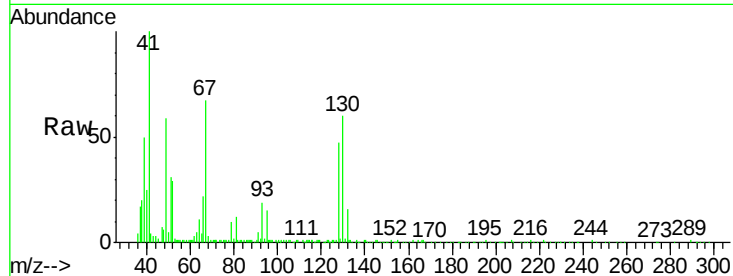
#41
Methacrylonitrile
Concen: 21.098 ug/l
RT: 5.03 min Scan# 635
Delta R.T. -0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	43.5	65.3	
67	73.8	59.4	89.2	
52	32.3	23.4	35.2	

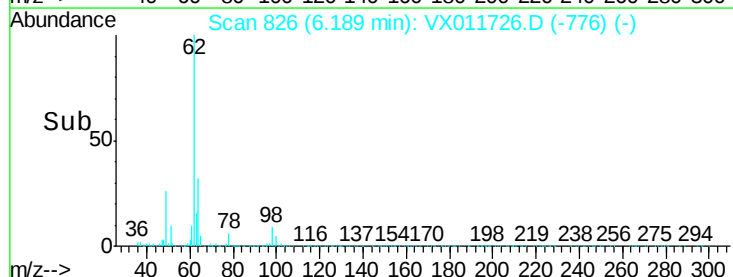
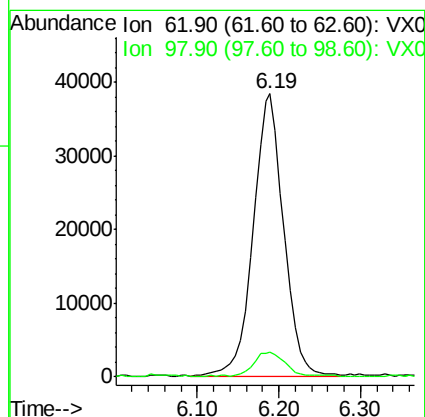
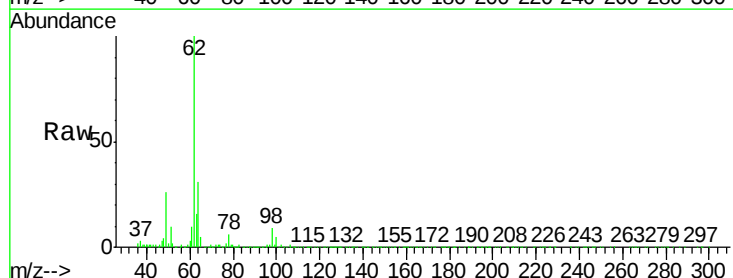
Manual Integrations
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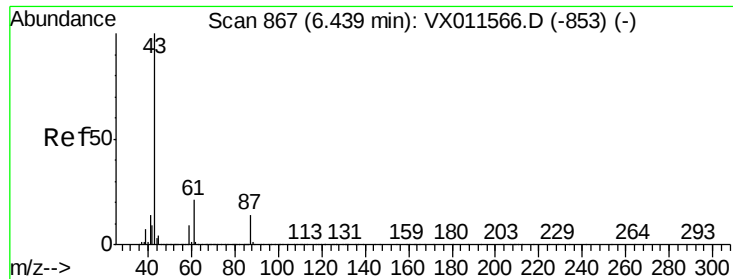
MMDadoda
8/22/2019 10:01:03 AM



#42
1,2-Dichloroethane
Concen: 21.548 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	19.4	





#43

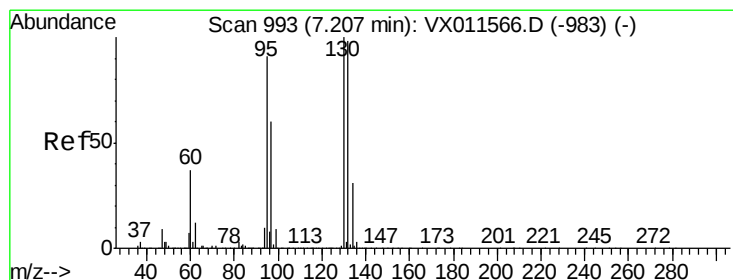
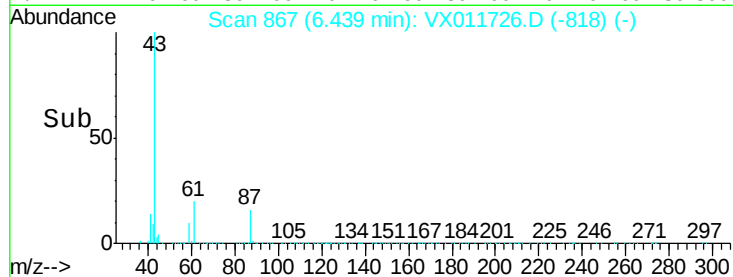
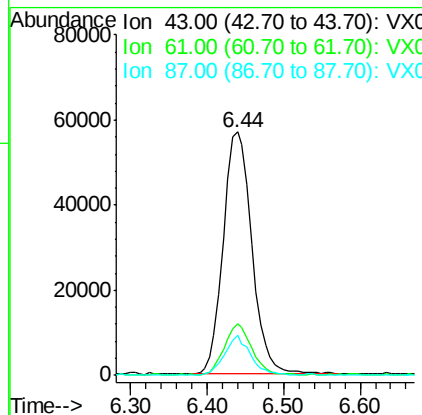
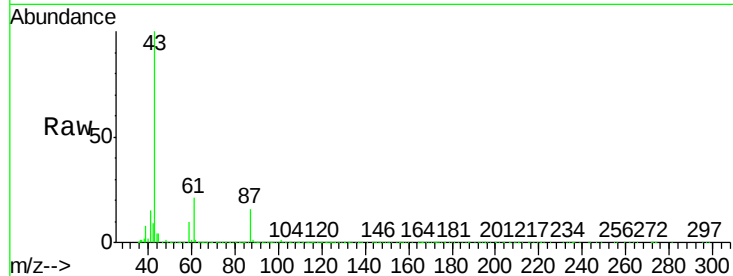
Isopropyl Acetate
 Concen: 19.335 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.6	24.8
87	14.6	11.4	17.2

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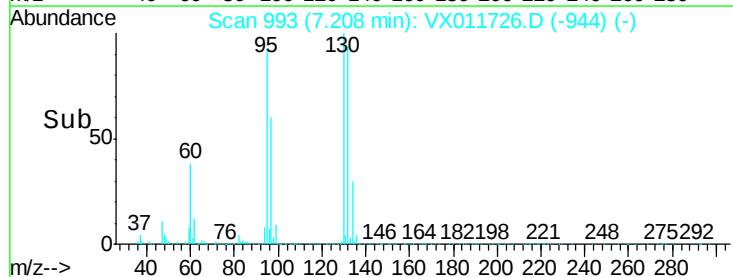
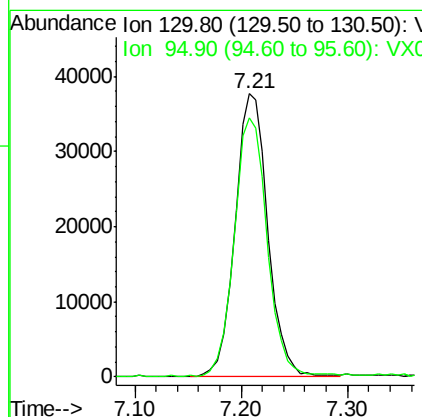
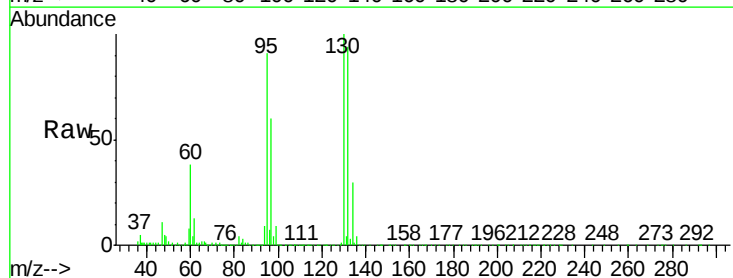
MMDadoda
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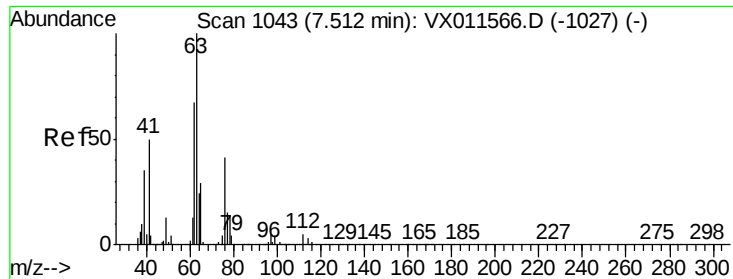


#44

Trichloroethene
 Concen: 20.656 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	181.4





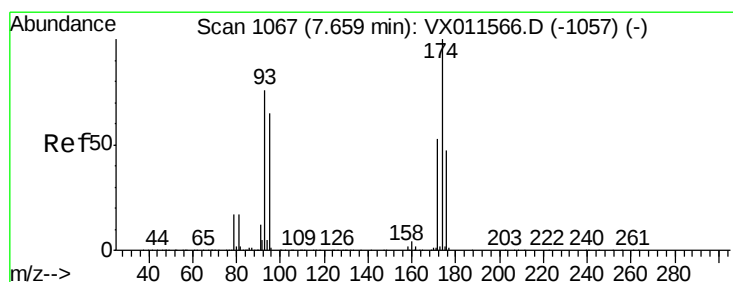
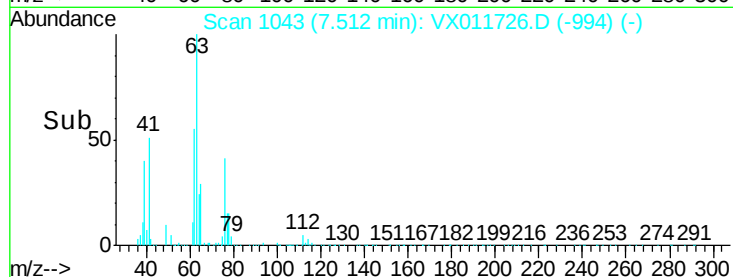
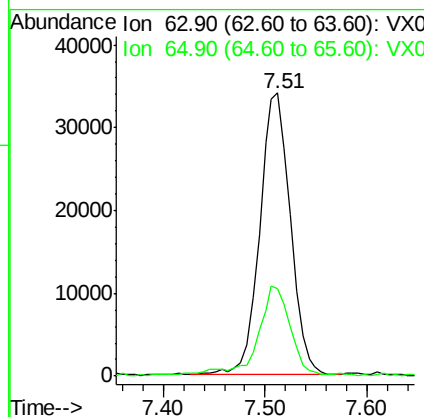
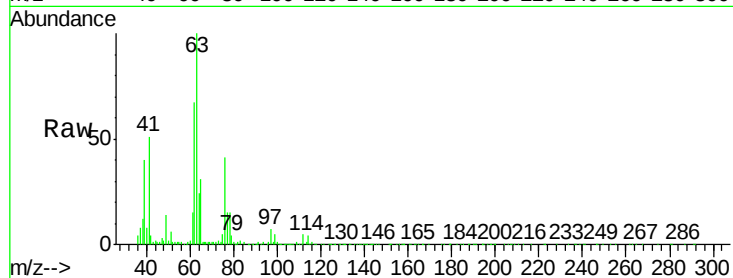
#45
 1,2-Dichloropropane
 Concen: 21.332 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	23.4	35.2

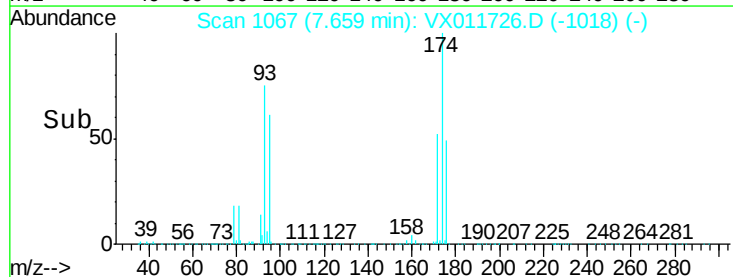
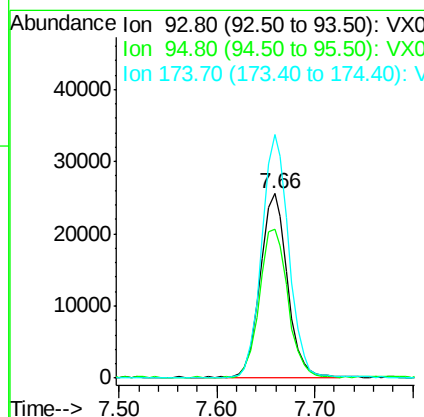
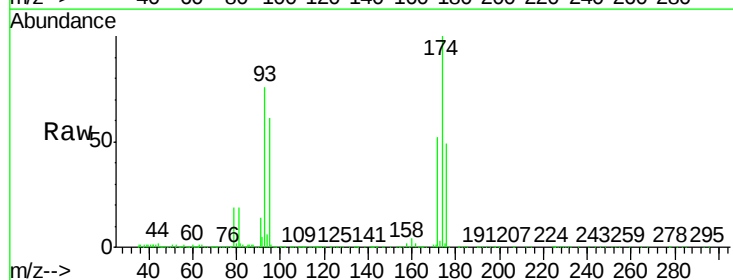
Manual Integrations
 APPROVED

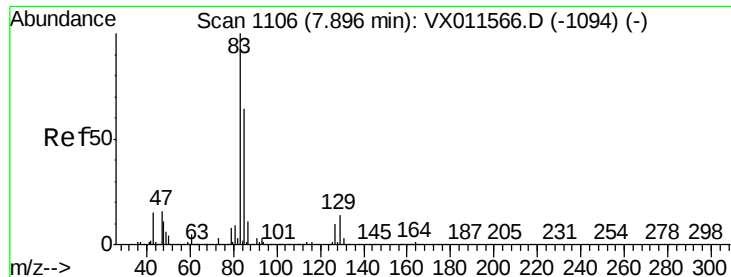
MMDadoda
 8/22/2019 10:01:03 AM



#46
 Dibromomethane
 Concen: 20.685 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.2	100.8
174	132.1	105.5	158.3





#47

Bromodichloromethane

Concen: 20.611 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

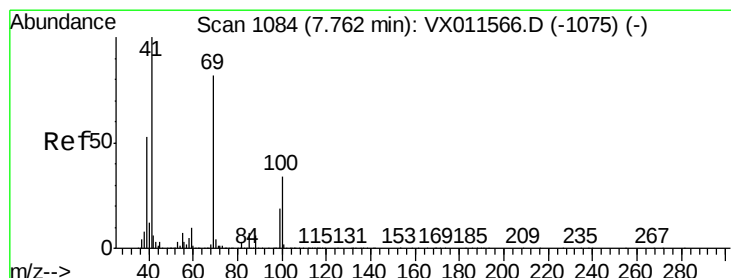
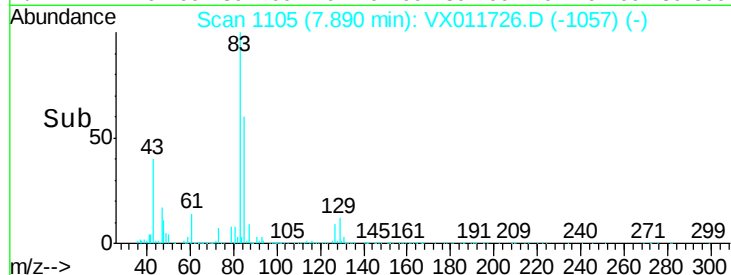
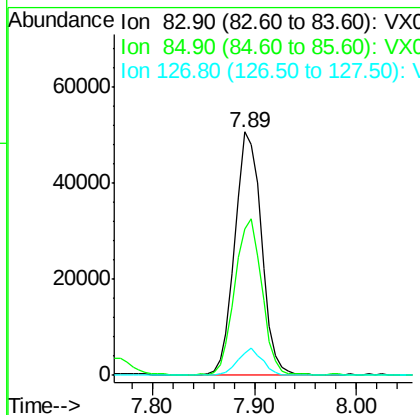
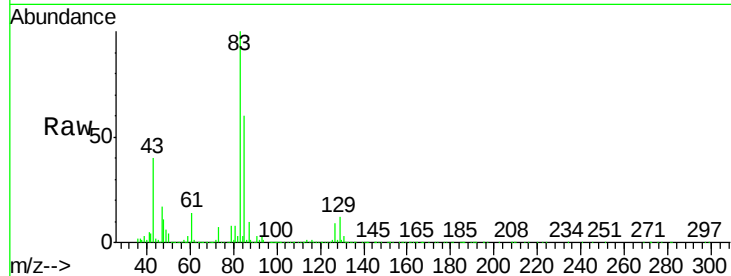
ClientSampleId :

VX0821MBS01

Tot Ion:	83	Resp:	91042
Ion Ratio	Lower	Upper	
83	100		
85	60.0	51.2	76.8
127	8.7	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.325 ug/l

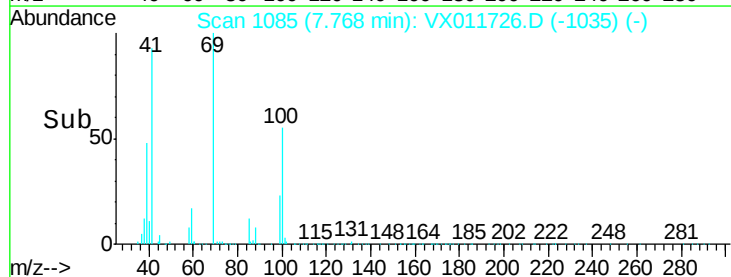
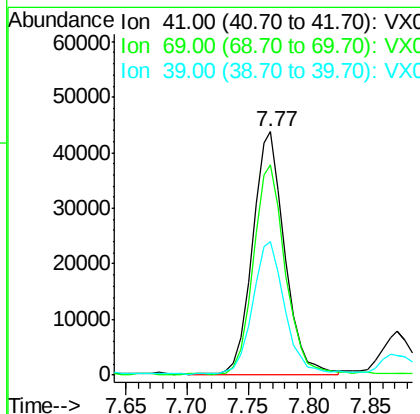
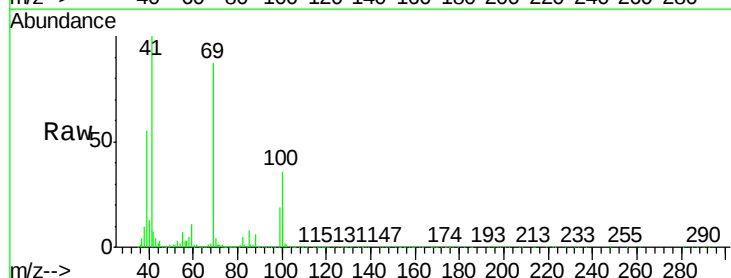
RT: 7.77 min Scan# 1085

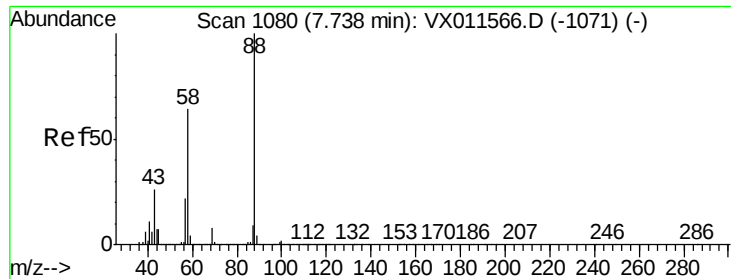
Delta R.T. 0.01 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	41	Resp:	80972
Ion Ratio	Lower	Upper	
41	100		
69	84.4	67.9	101.9
39	55.8	41.6	62.4





#49

1,4-Dioxane

Concen: 422.507 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

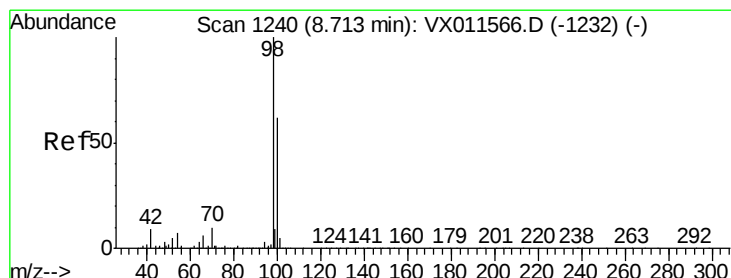
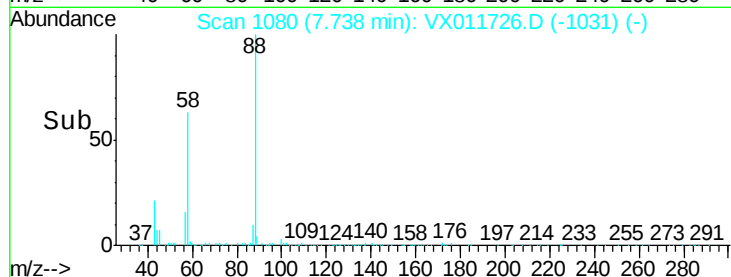
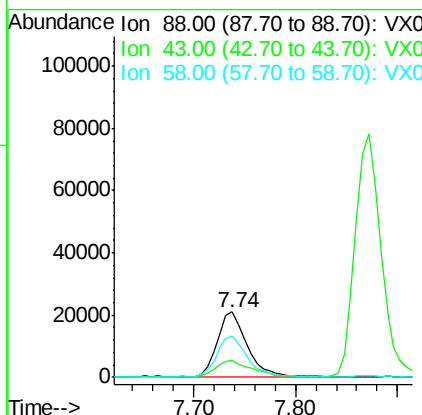
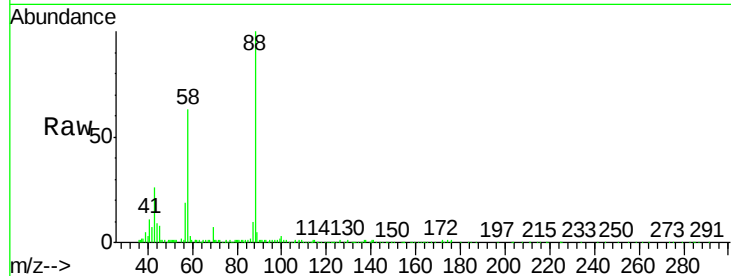
ClientSampleId :

VX0821MBS01

Tot Ion:	88	Resp:	42671
Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.4	35.0
58	63.6	54.3	81.5

Manual Integrations
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#50

Toluene-d8

Concen: 50.788 ug/l

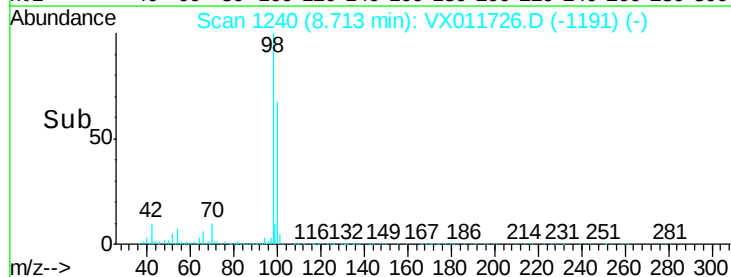
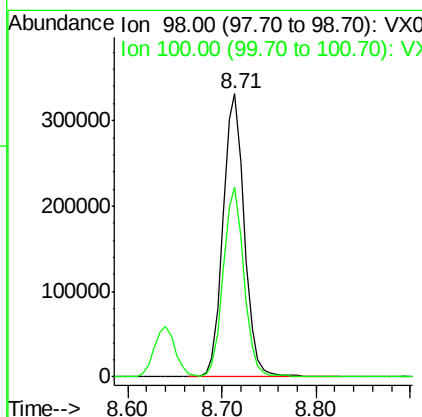
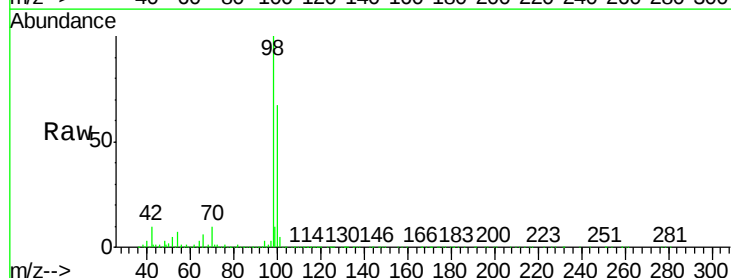
RT: 8.71 min Scan# 1240

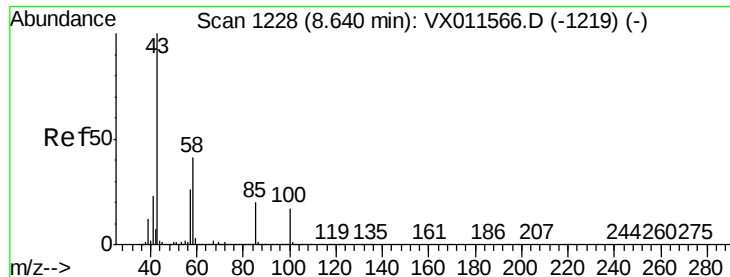
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	98	Resp:	517128
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 108.709 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 43 Resp: 545588

Ion Ratio Lower Upper

43 100

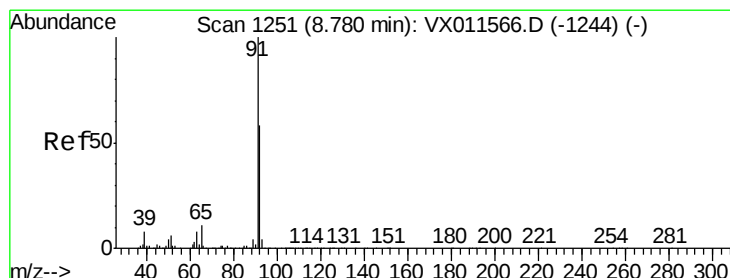
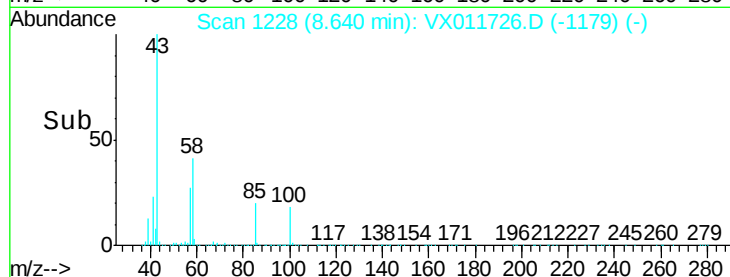
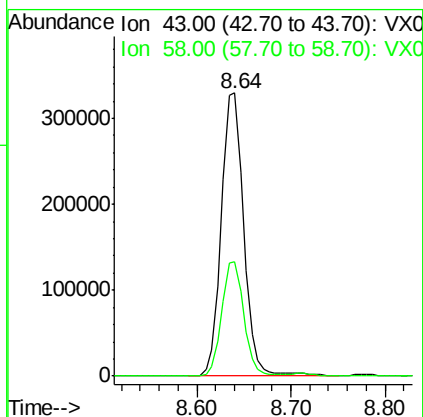
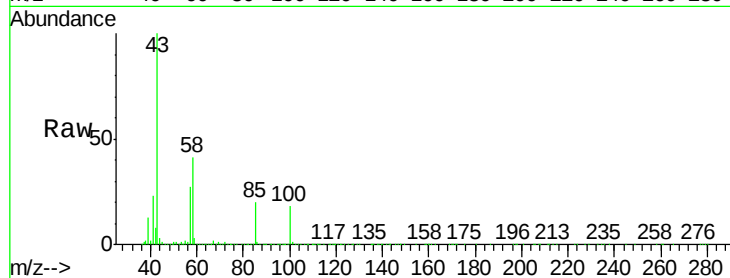
58 39.8 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 21.548 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011726.D

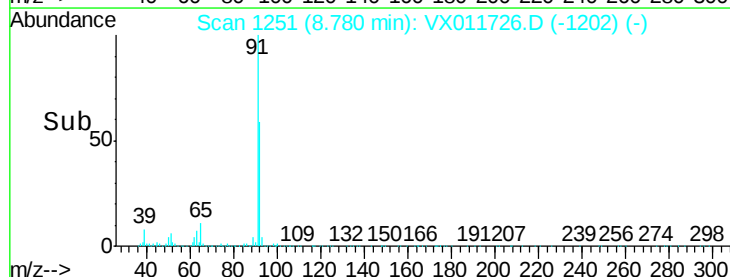
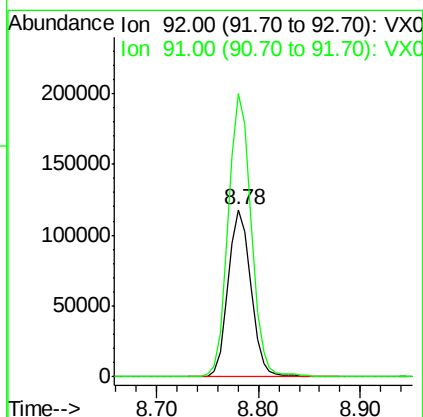
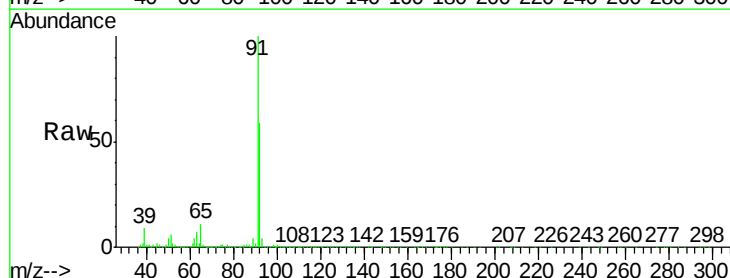
Acq: 21 Aug 2019 12:46

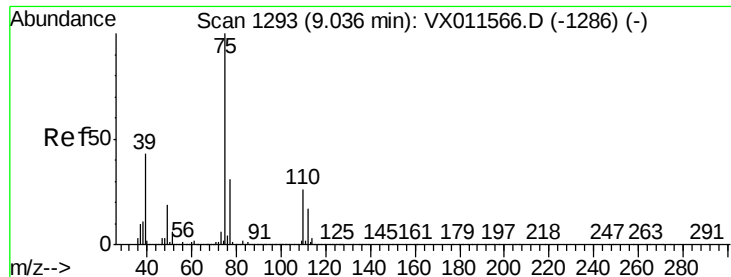
Tgt Ion: 92 Resp: 182229

Ion Ratio Lower Upper

92 100

91 169.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 20.433 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 75 Resp: 93674

Ion Ratio Lower Upper

75 100

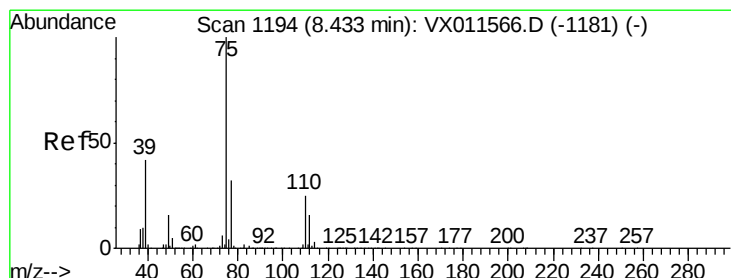
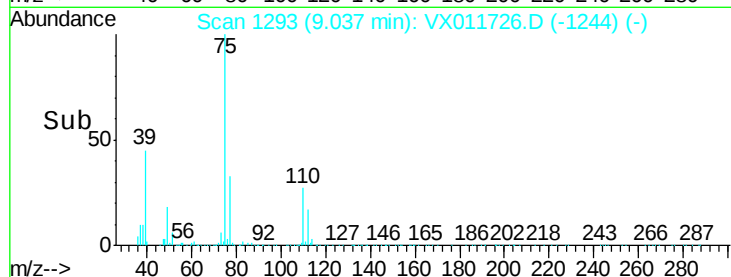
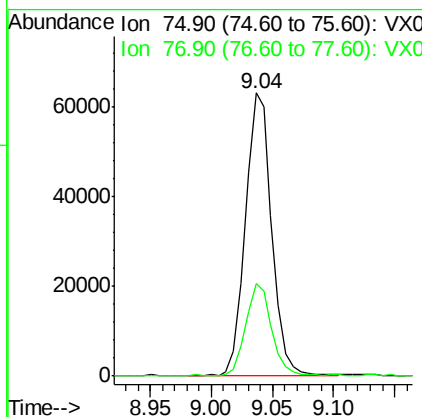
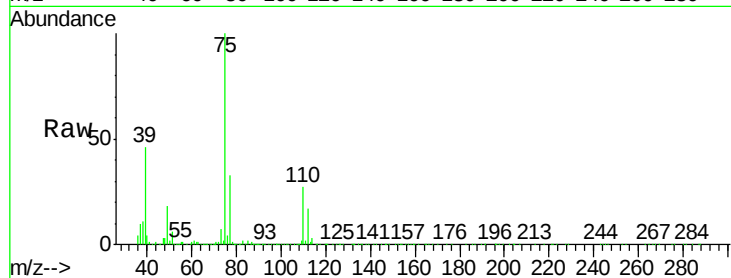
77 32.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.017 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

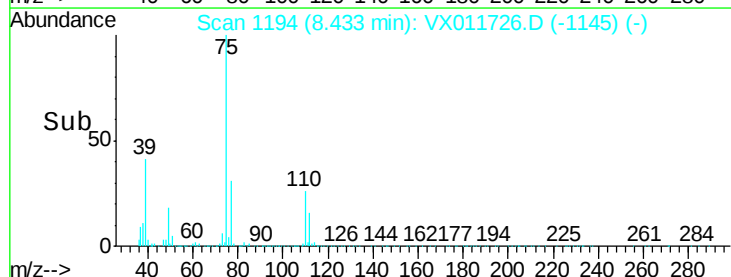
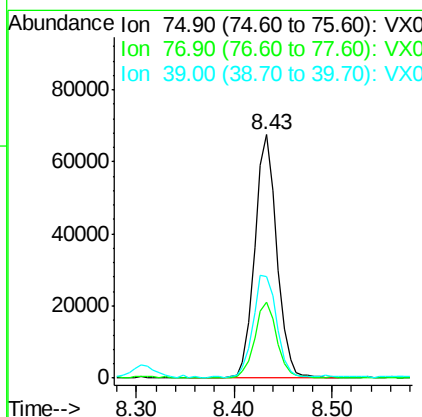
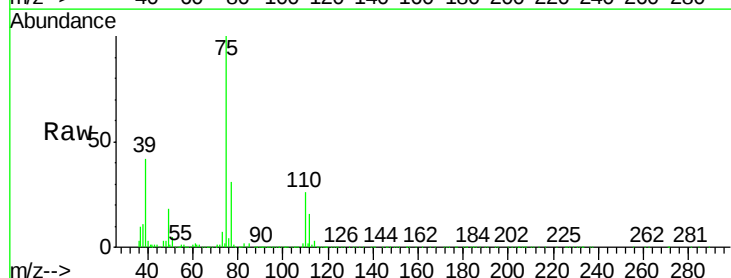
Tgt Ion: 75 Resp: 105441

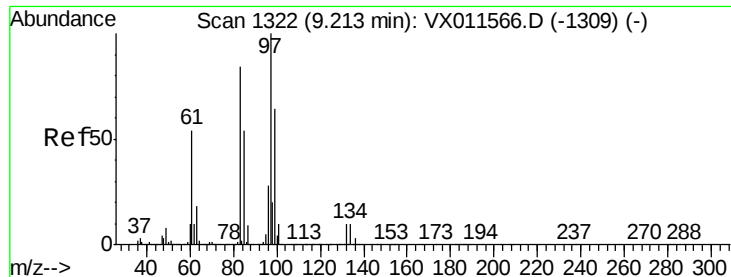
Ion Ratio Lower Upper

75 100

77 30.8 25.5 38.3

39 41.3 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.374 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

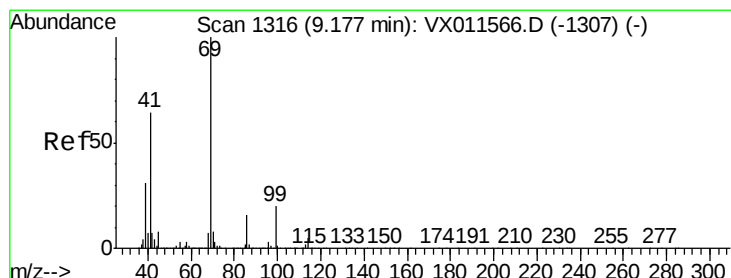
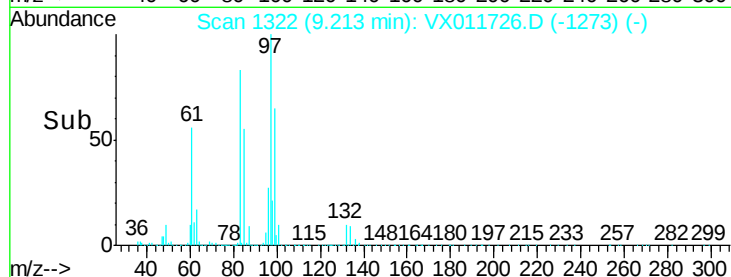
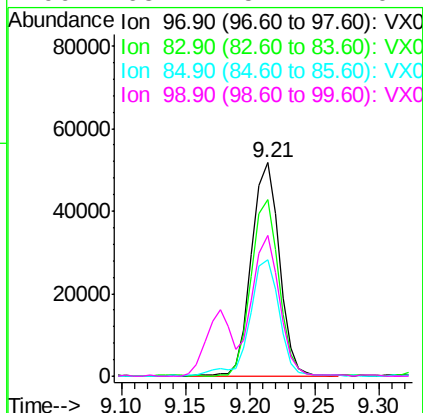
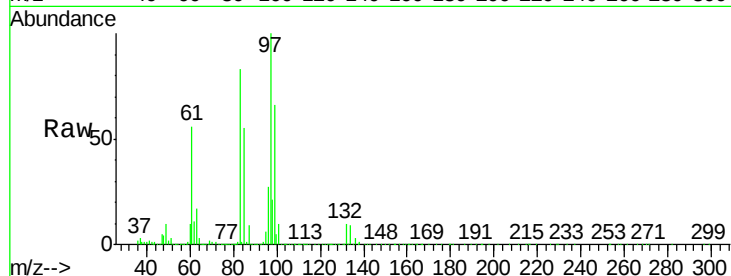
ClientSampleId :

VX0821MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		76867		
83	83.1	67.4	101.0		
85	54.6	43.4	65.2		
99	65.2	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 21.073 ug/l

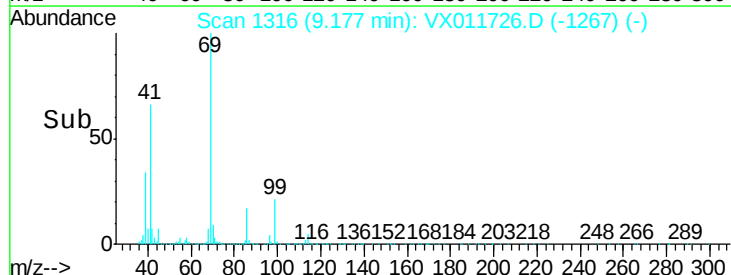
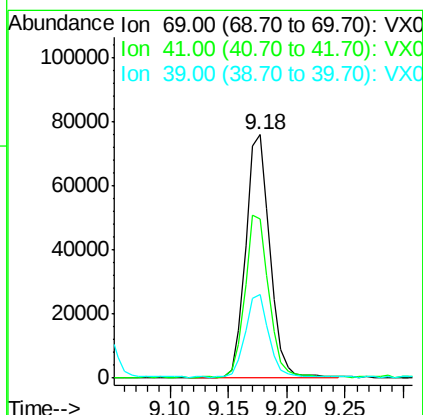
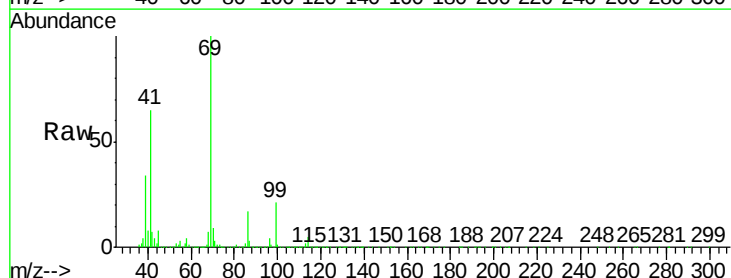
RT: 9.18 min Scan# 1316

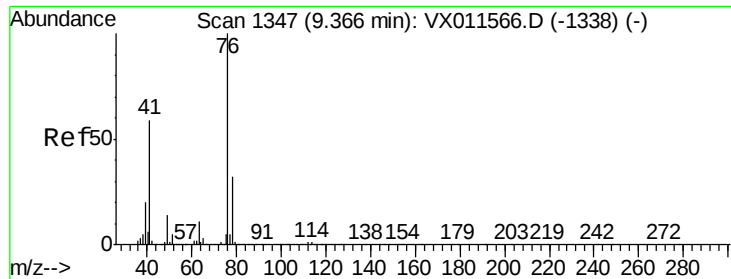
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		110151		
41	65.4	52.1	78.1		
39	33.0	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 21.592 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 76 Resp: 123434

Ion Ratio Lower Upper

76 100

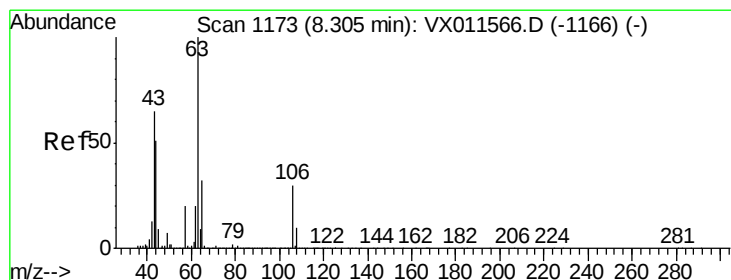
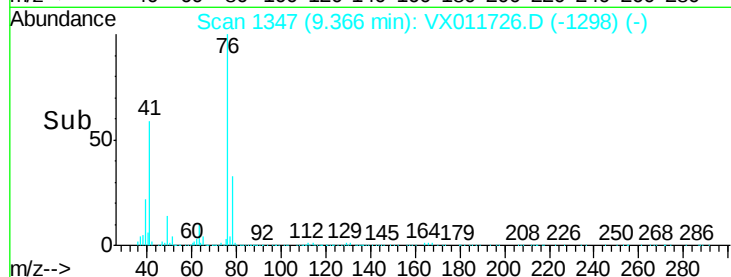
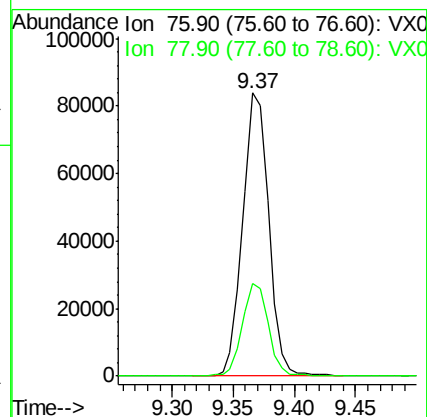
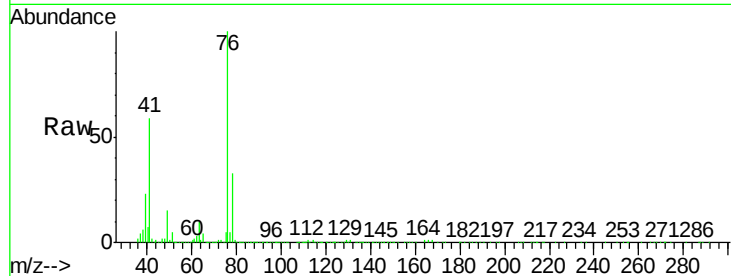
78 32.5 26.2 39.4

Manual Integrations

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8/22/2019 10:01:03 AM



#58

2-Chloroethyl Vinyl ether

Concen: 103.458 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011726.D

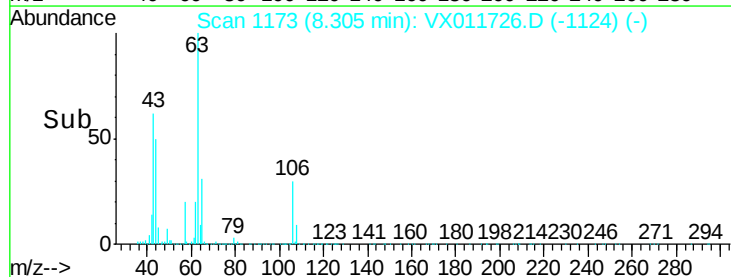
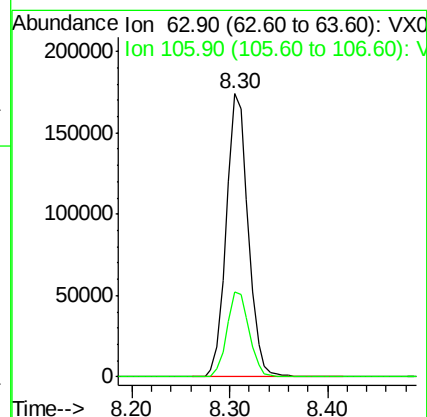
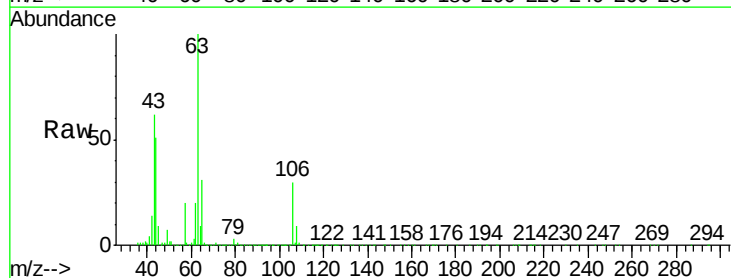
Acq: 21 Aug 2019 12:46

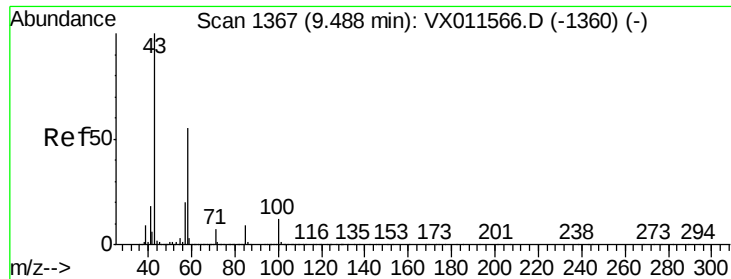
Tgt Ion: 63 Resp: 269453

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1





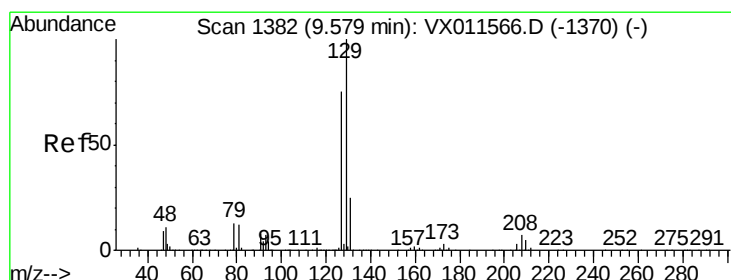
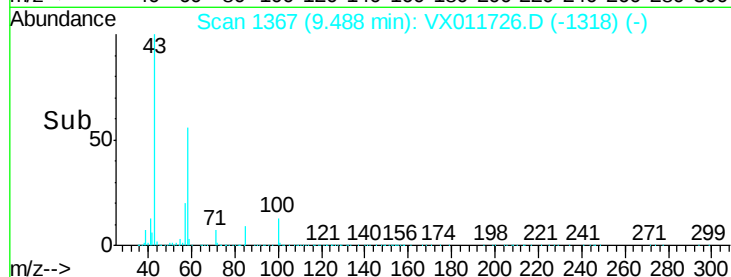
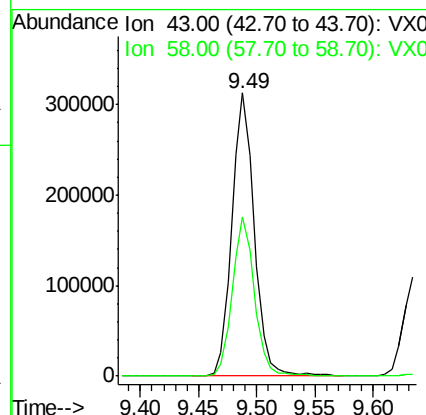
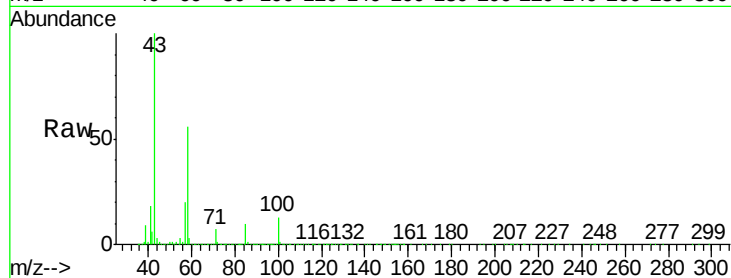
#59
2-Hexanone
Concen: 107.745 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion: 43 Resp: 417003
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.4

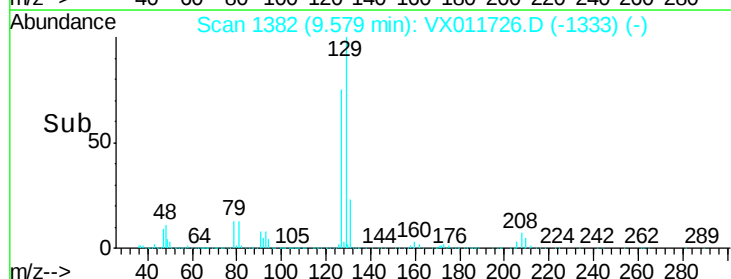
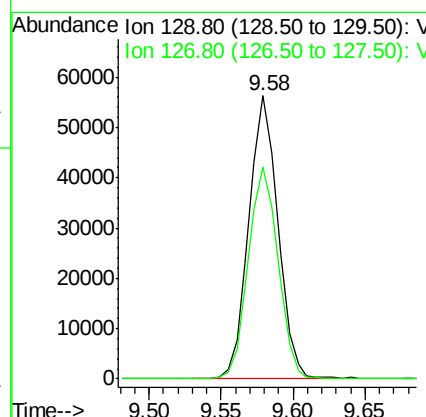
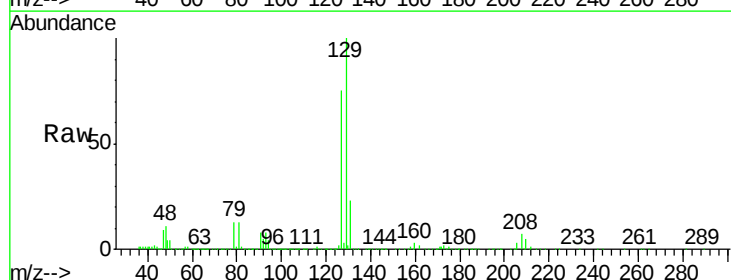
Manual Integrations
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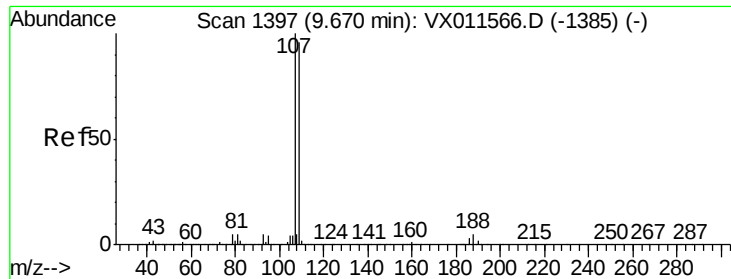
MMDadoda
8/22/2019 10:01:03 AM



#60
Dibromochloromethane
Concen: 21.111 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion: 129 Resp: 79105
Ion Ratio Lower Upper
129 100
127 75.6 38.0 114.1





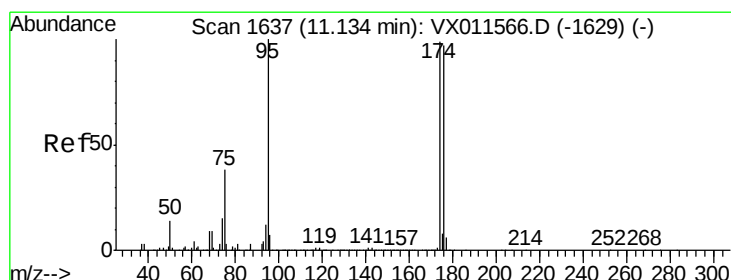
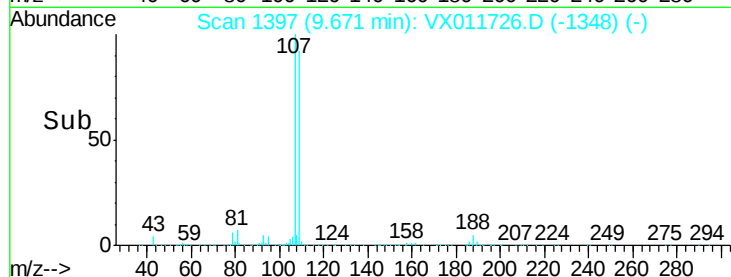
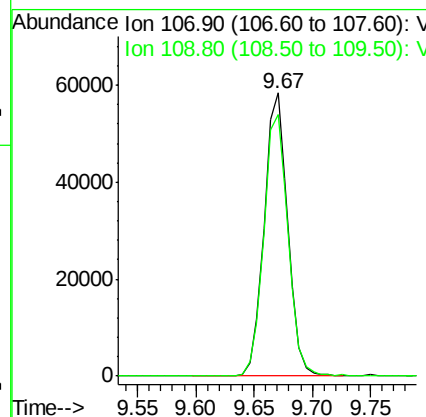
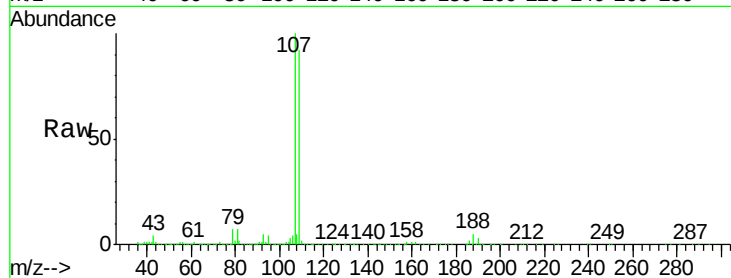
#61
 1,2-Dibromoethane
 Concen: 21.390 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	76.2	114.2

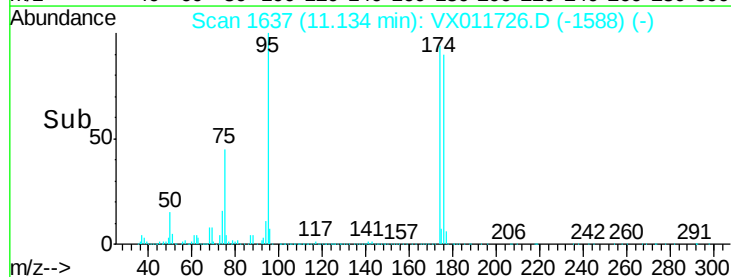
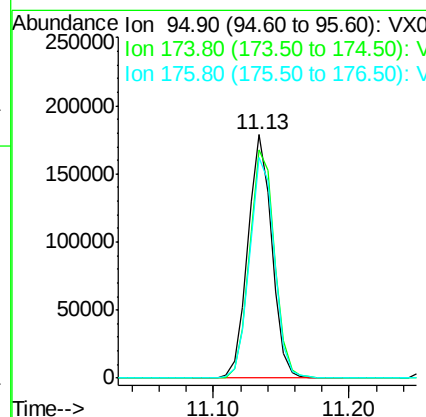
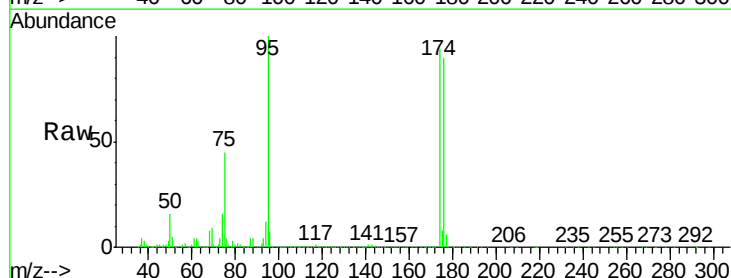
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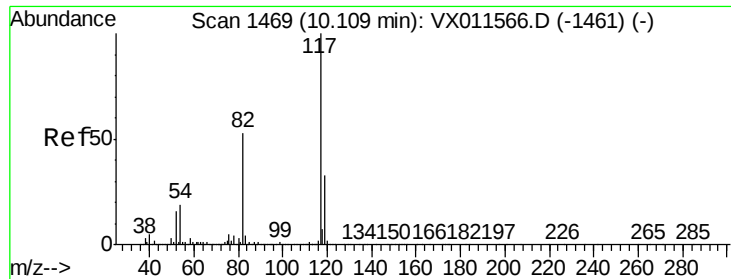
MMDadoda
 8/22/2019 10:01:03 AM



#62
 4-Bromofluorobenzene
 Concen: 51.194 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	200.6
176	94.0	0.0	196.6





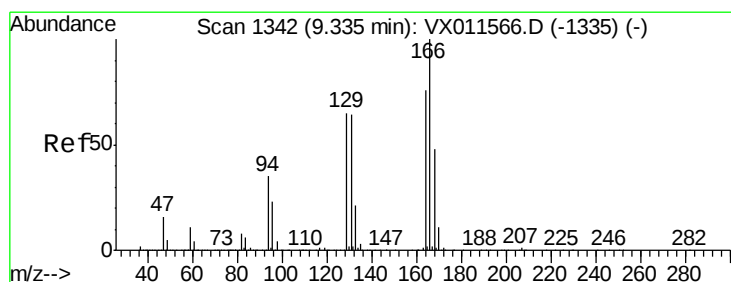
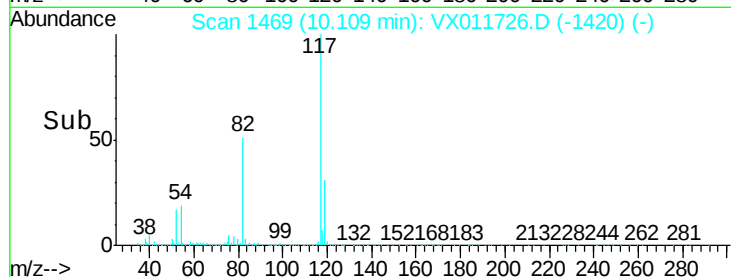
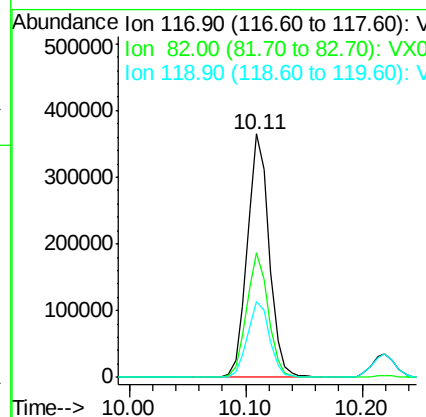
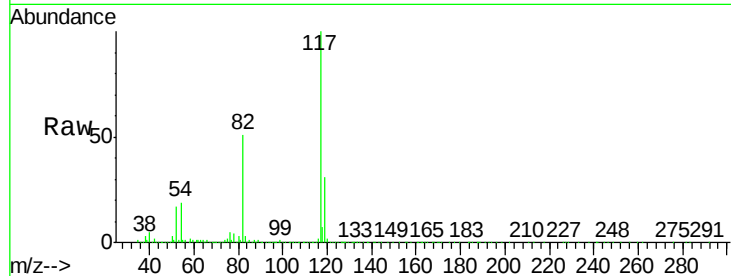
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.0	63.0
119	31.3	26.5	39.7

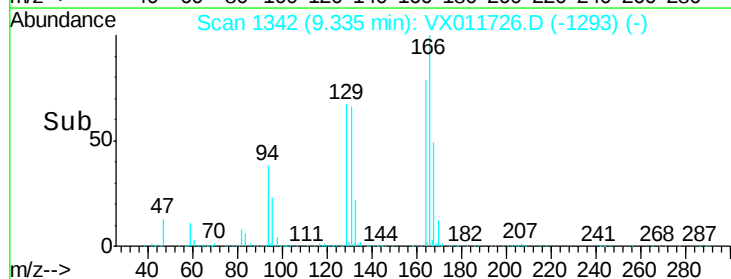
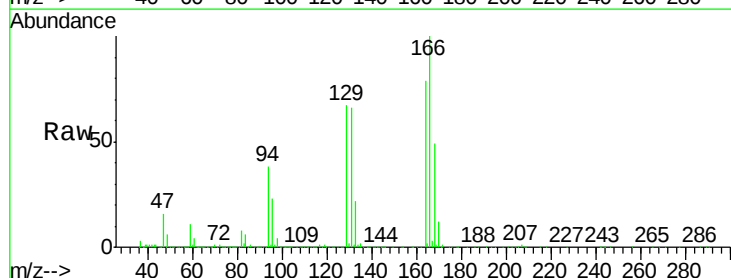
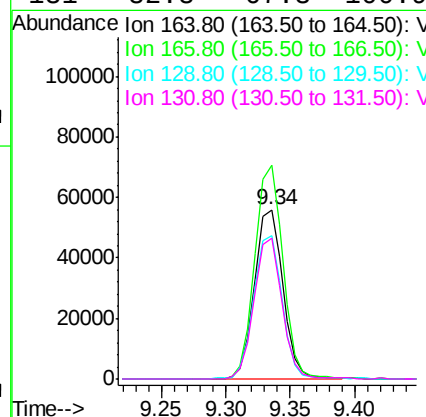
Manual Integrations
APPROVED

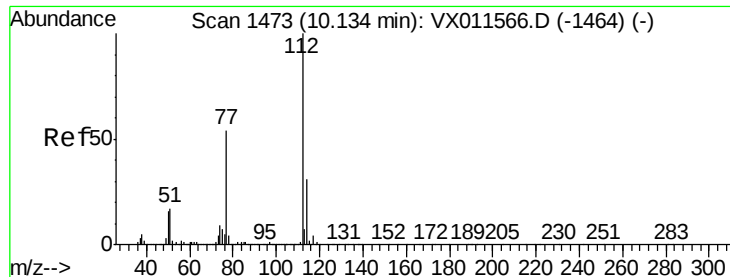
MMDadoda
8/22/2019 10:01:03 AM



#64
Tetrachloroethene
Concen: 21.599 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	104.7	157.1
129	84.7	68.2	102.4
131	82.8	67.3	100.9





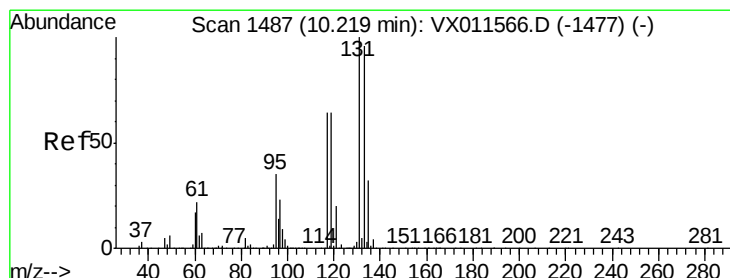
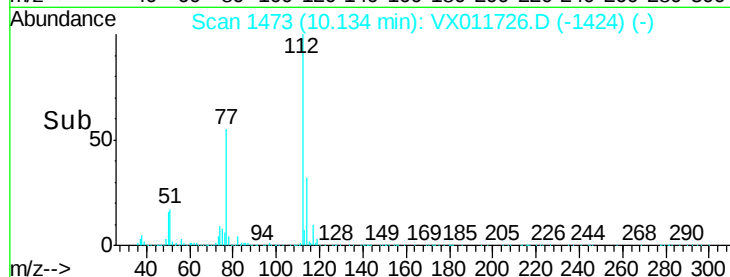
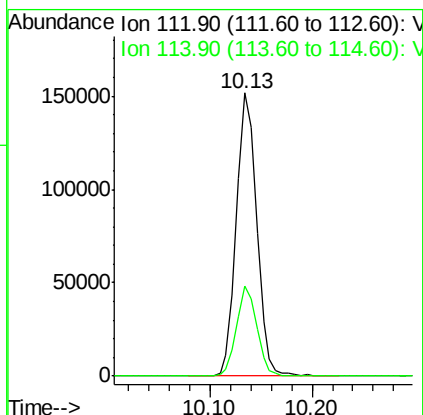
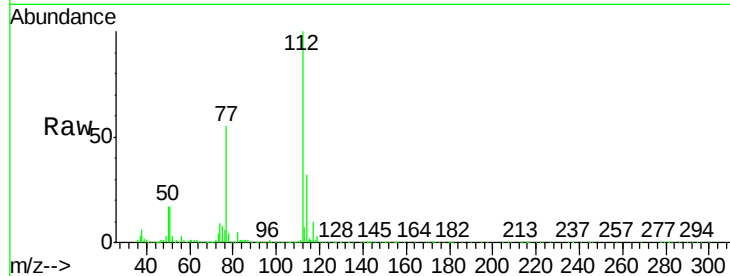
#65
Chlorobenzene
Concen: 20.410 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	208667		
114	31.6	25.0	37.6	

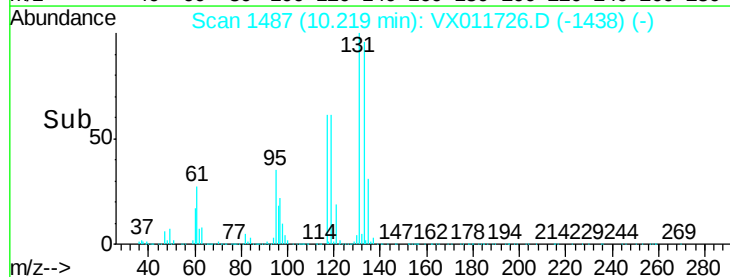
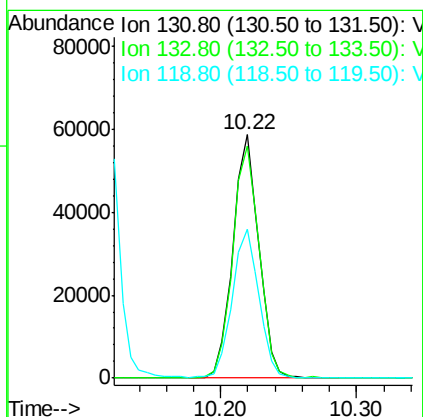
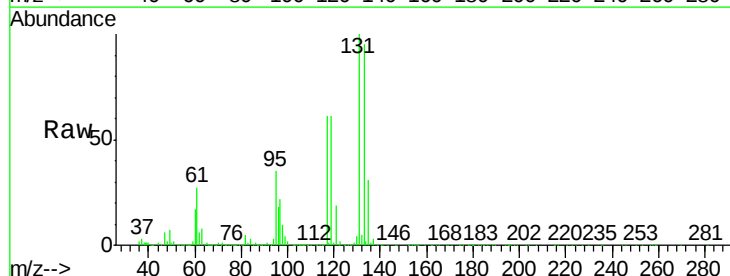
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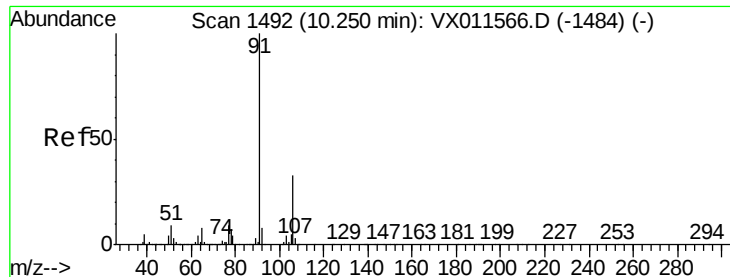
MMDadoda
8/22/2019 10:01:03 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.354 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	77778		
133	98.2	48.1	144.4	
119	62.6	31.3	93.8	





#67

Ethyl Benzene

Concen: 20.277 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VX0821MBS01

Tot Ion: 91 Resp: 345982

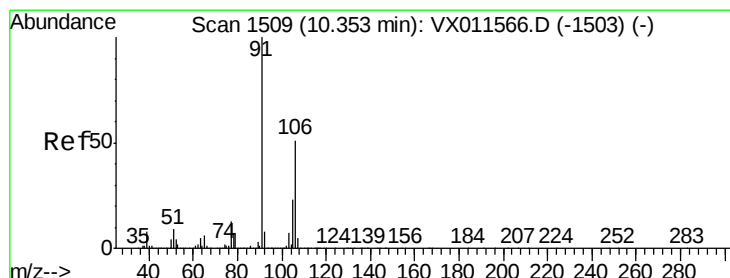
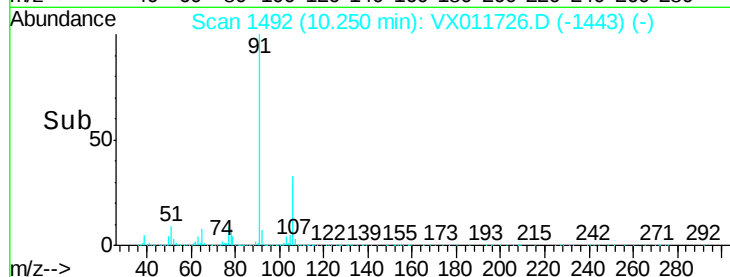
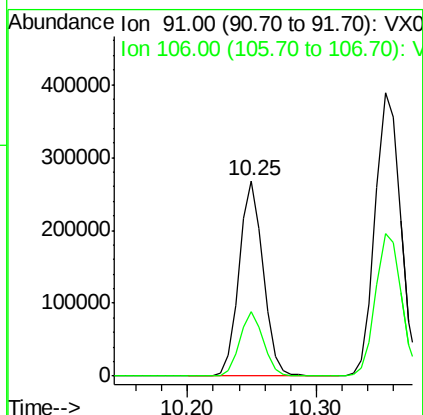
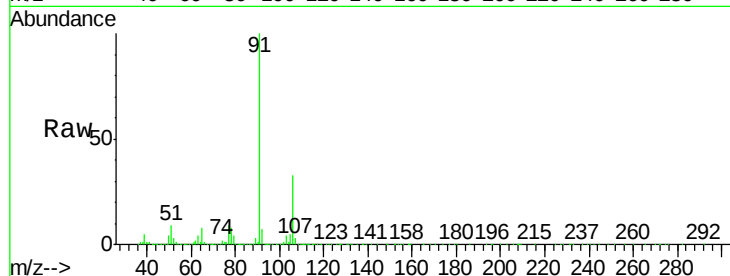
Ion Ratio Lower Upper

91 100

106 33.2 26.0 39.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.198 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011726.D

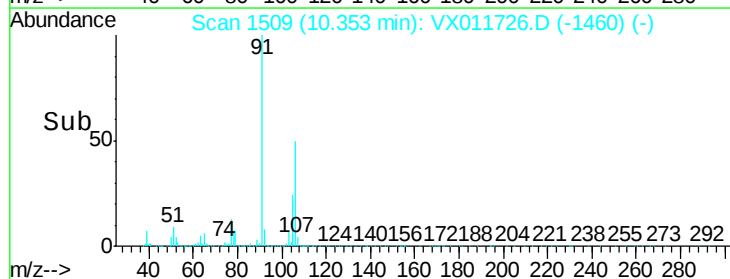
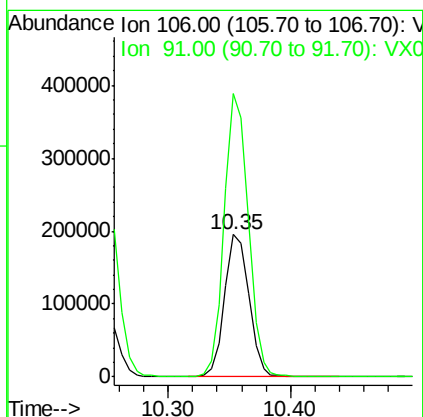
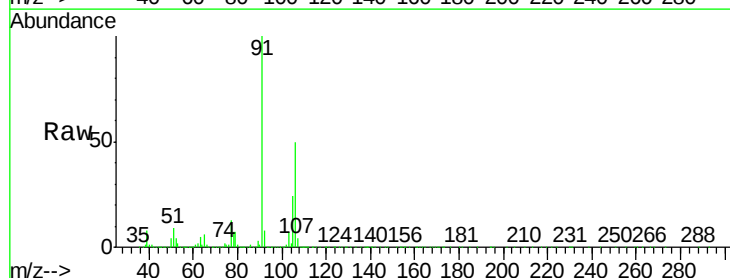
Acq: 21 Aug 2019 12:46

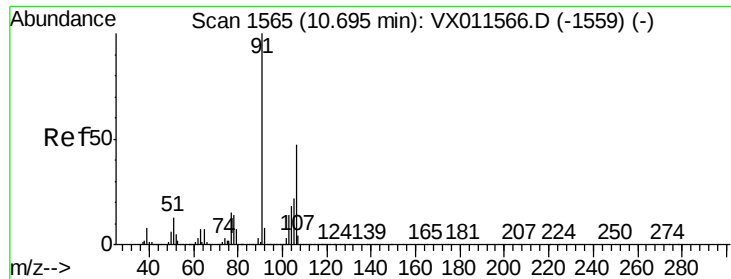
Tgt Ion: 106 Resp: 269824

Ion Ratio Lower Upper

106 100

91 195.8 156.0 234.0





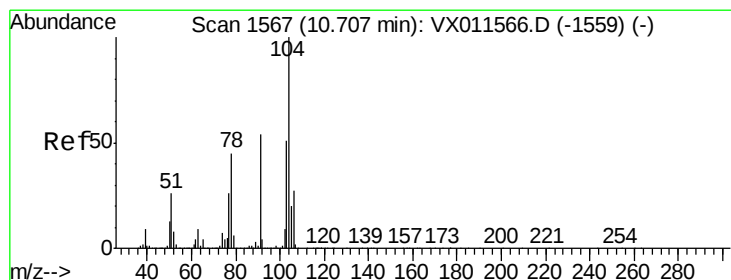
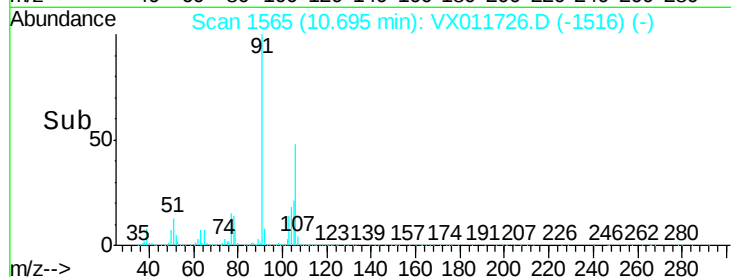
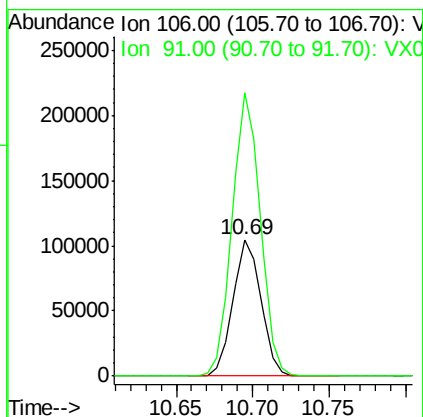
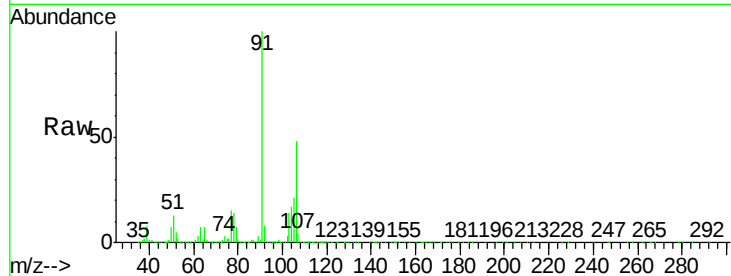
#69
o-Xylene
Concen: 20.787 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.7	105.5	316.4

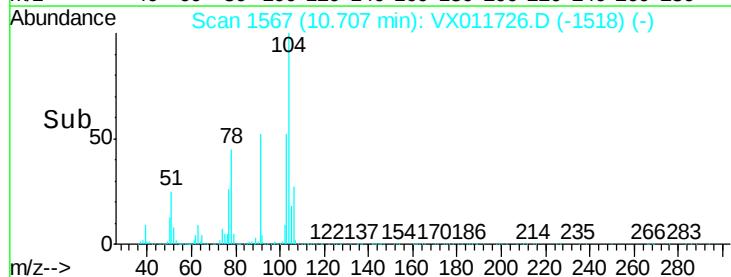
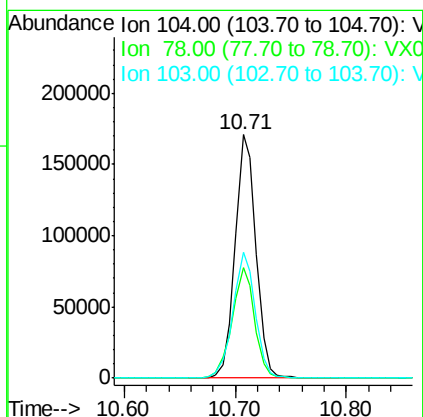
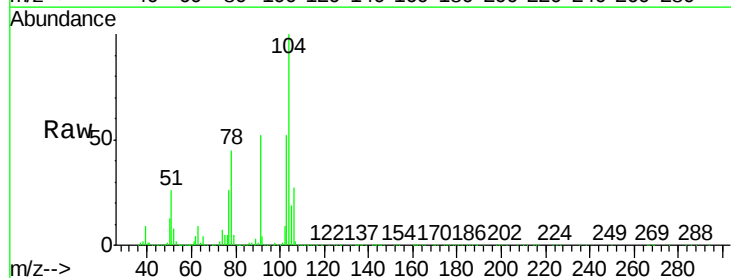
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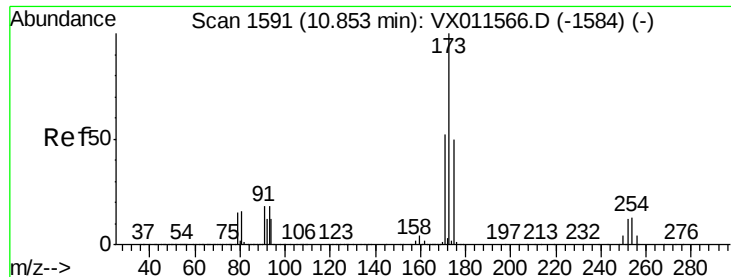
MMDadoda
8/22/2019 10:01:03 AM



#70
Styrene
Concen: 20.517 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.2	57.4
103	54.9	43.6	65.4





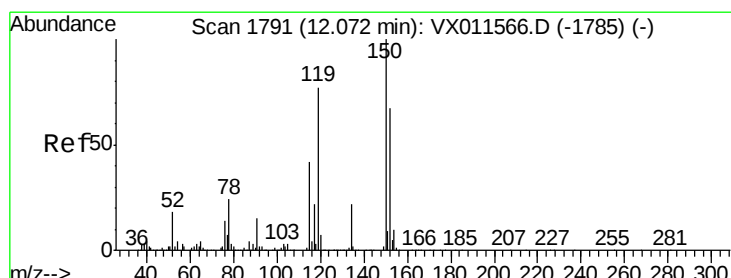
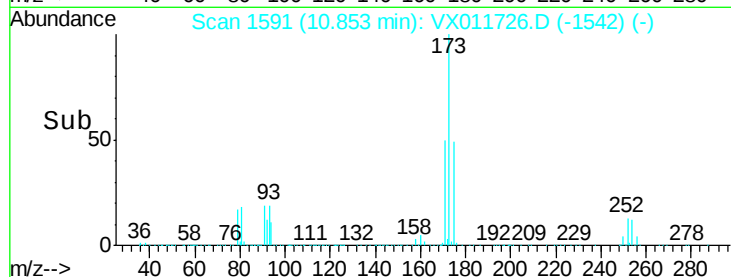
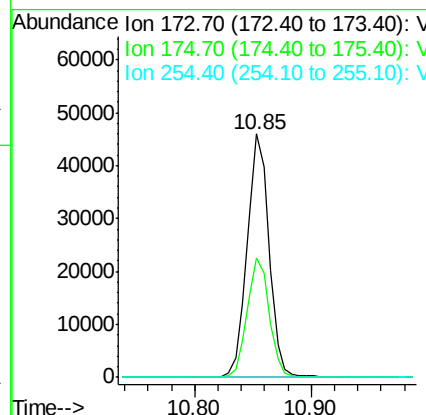
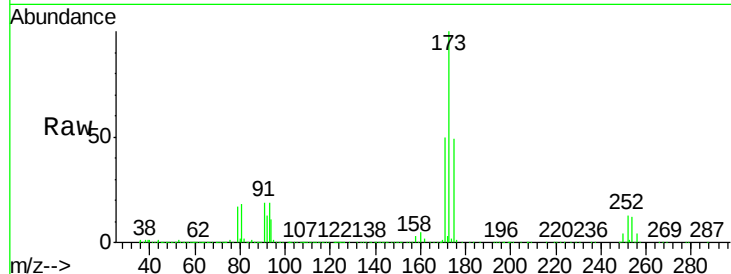
#71
Bromoform
Concen: 18.547 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.7
254	0.4	0.1	0.1#

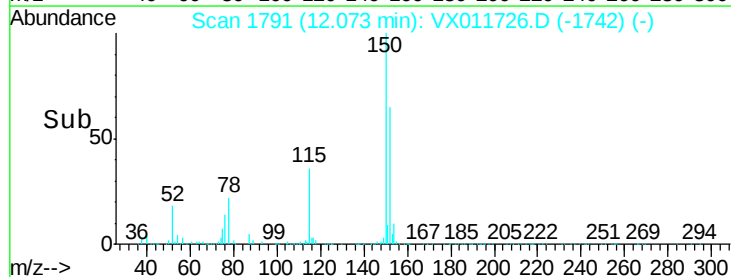
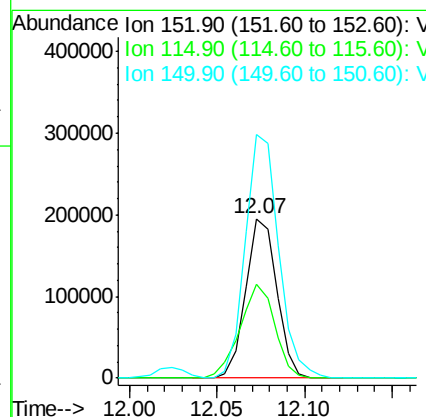
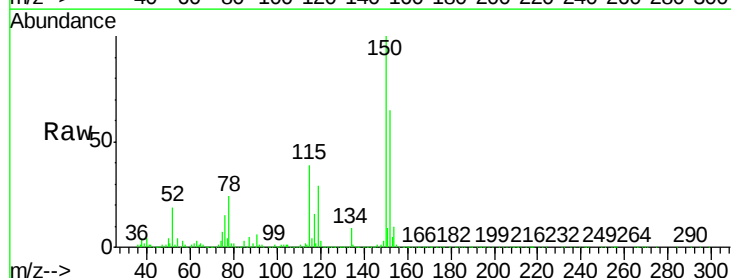
Manual Integrations
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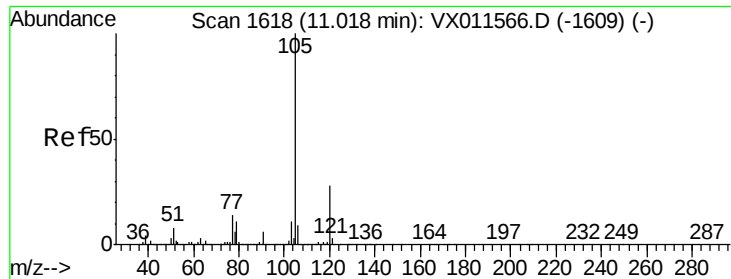
MMDadoda
8/22/2019 10:01:03 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	37.3	111.9
150	164.1	0.0	346.2





#73

Isopropylbenzene

Concen: 22.672 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 105 Resp: 356910

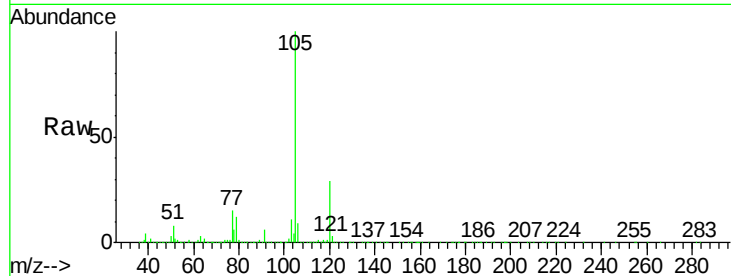
Ion Ratio Lower Upper

105 100

120 27.7 14.0 41.9

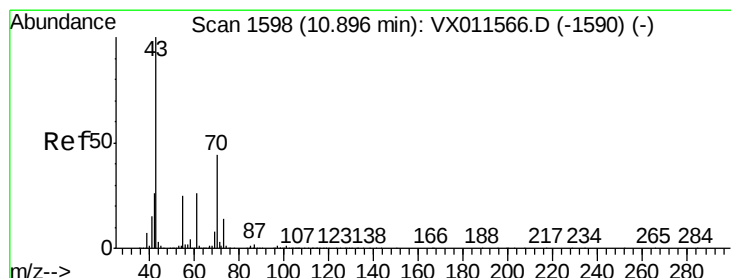
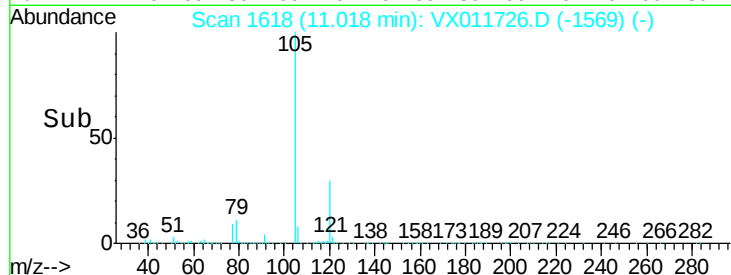
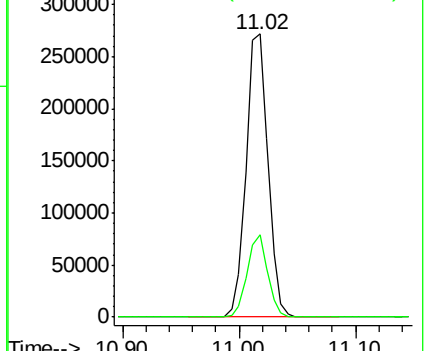
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.699 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion: 43 Resp: 138477

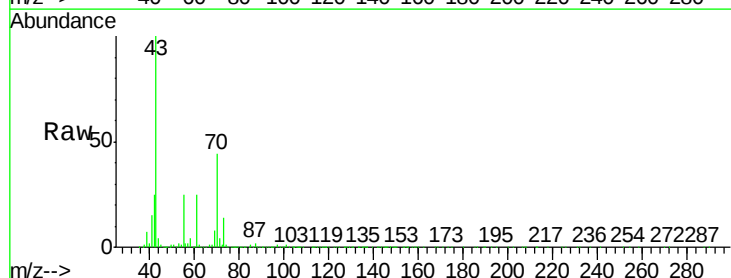
Ion Ratio Lower Upper

43 100

70 43.0 34.7 52.1

55 26.1 19.6 29.4

61 24.9 19.9 29.9

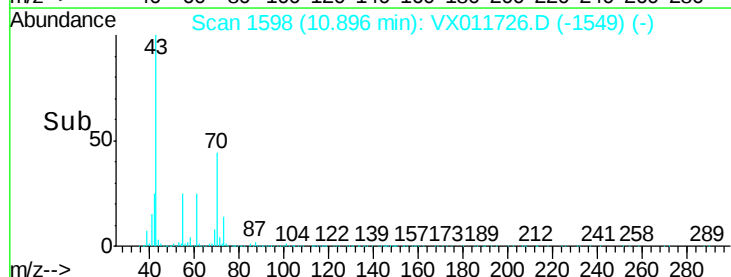
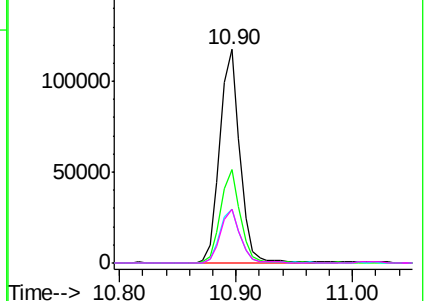


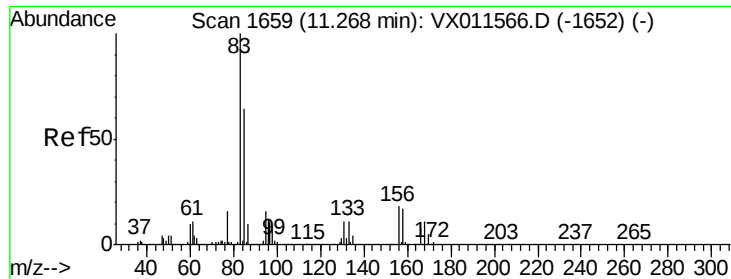
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.312 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

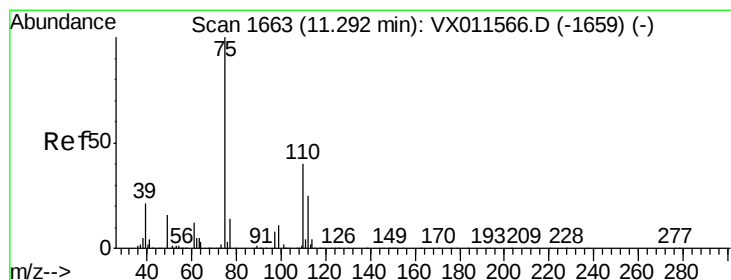
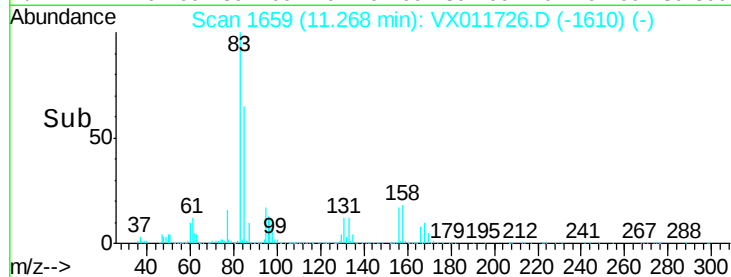
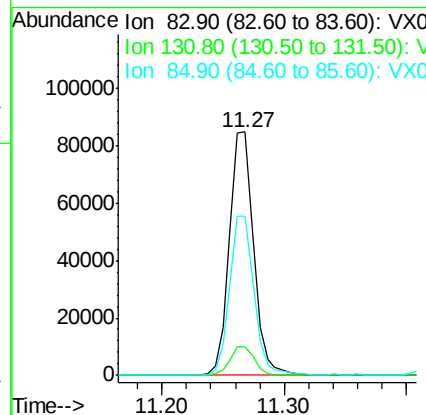
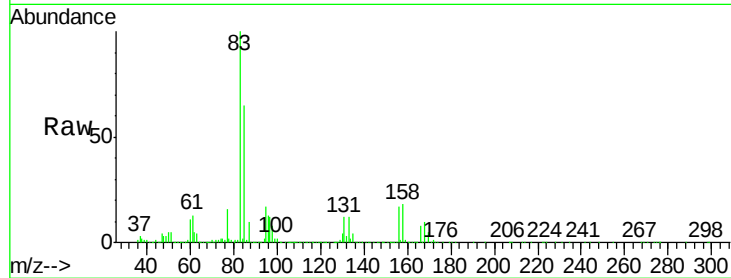
ClientSampleId :

VX0821MBS01

Tot Ion:	83	Resp:	115417
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.8	17.3
85	65.7	31.9	95.9

Manual Integrations
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8/22/2019 10:01:03 AM



#76

1,2,3-Trichloropropane

Concen: 22.164 ug/l m

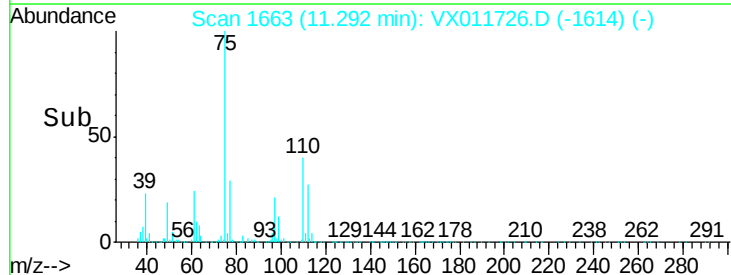
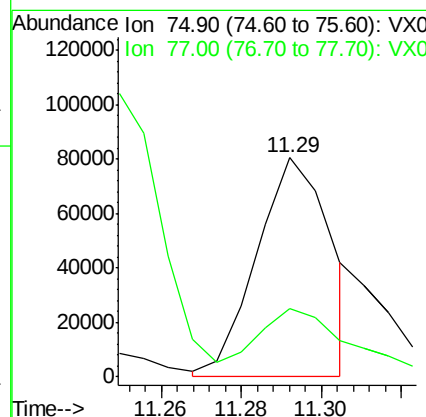
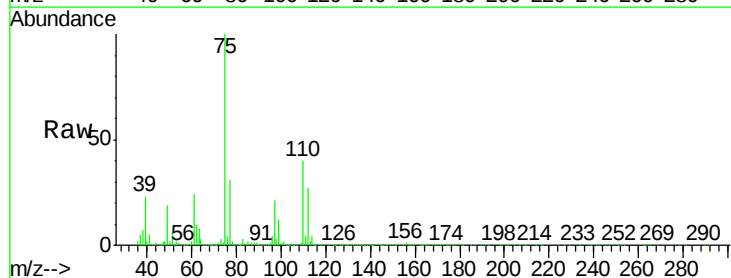
RT: 11.29 min Scan# 1663

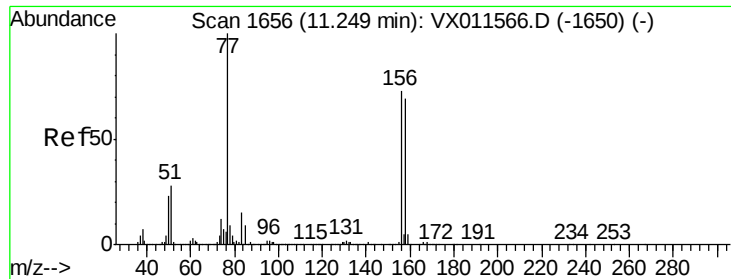
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	75	Resp:	101963
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.9	62.8





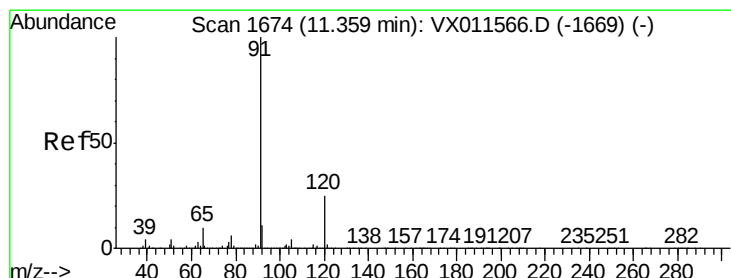
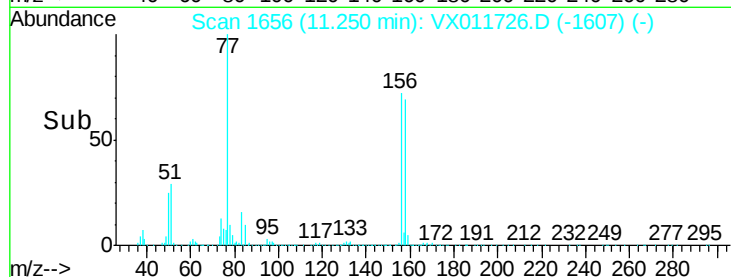
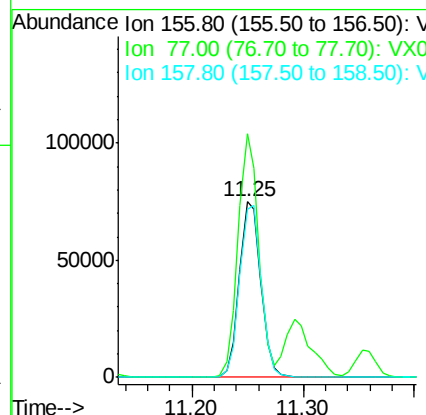
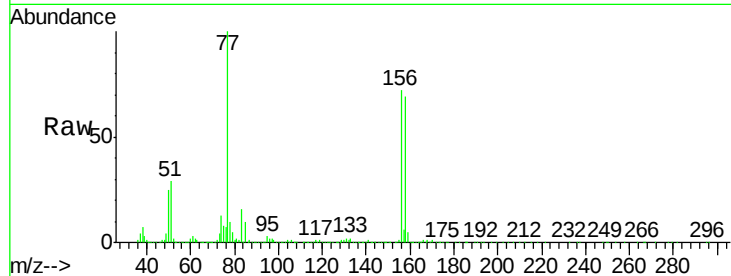
#77
Bromobenzene
Concen: 21.428 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		100363		
77	133.1	64.6	193.9		
158	99.2	48.4	145.3		

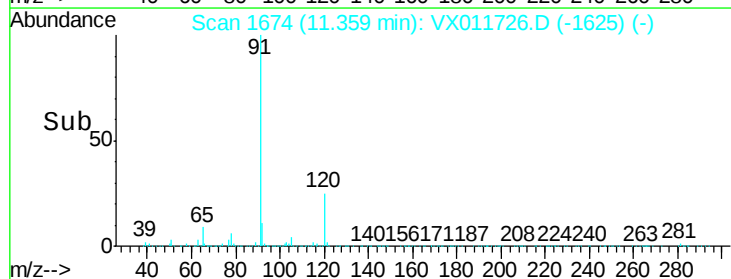
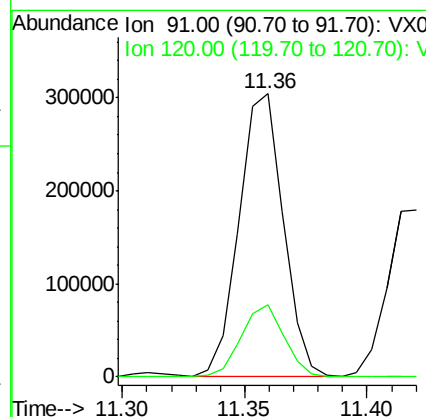
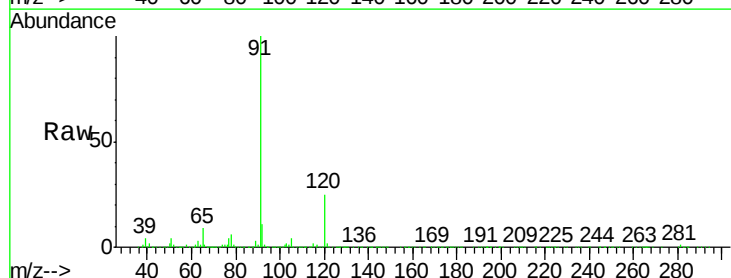
Manual Integrations
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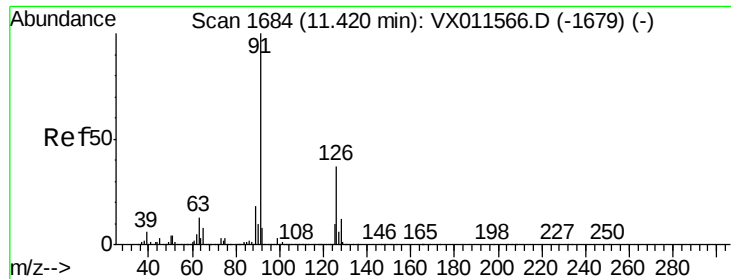
MMDadoda
8/22/2019 10:01:03 AM



#78
n-propylbenzene
Concen: 22.420 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		380587		
120	25.0	12.6	37.6		





#79

2-Chlorotoluene

Concen: 22.225 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion: 91 Resp: 231669

Ion Ratio Lower Upper

91 100

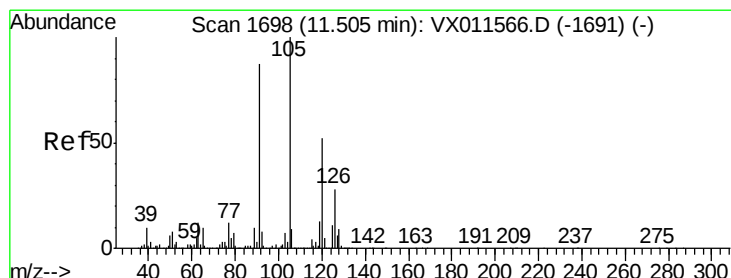
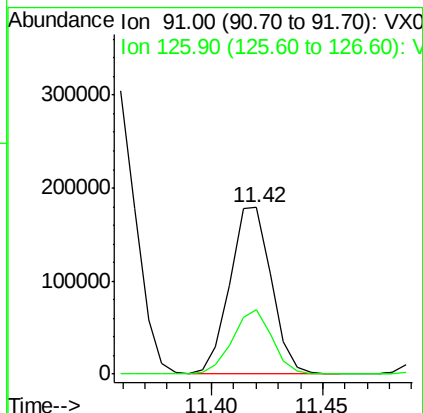
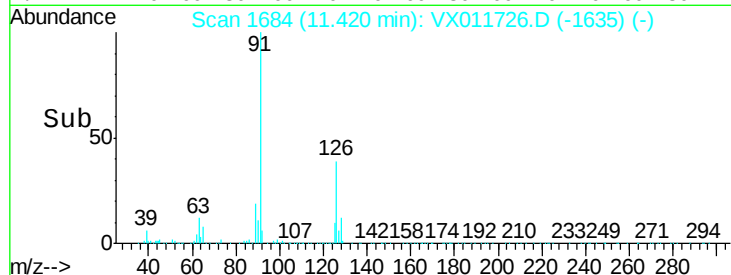
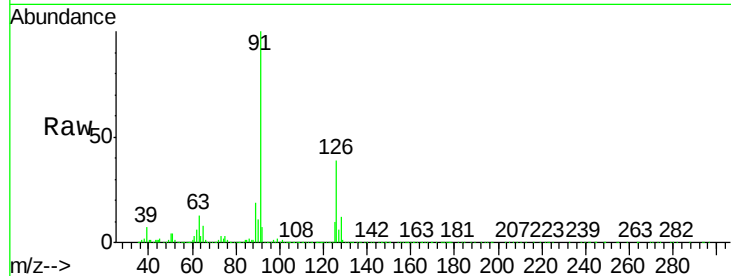
126 37.0 18.4 55.0

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#80

1,3,5-Trimethylbenzene

Concen: 22.270 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011726.D

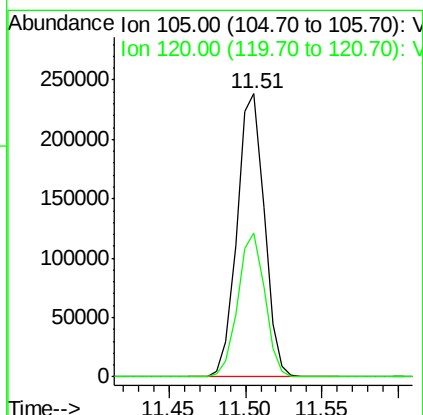
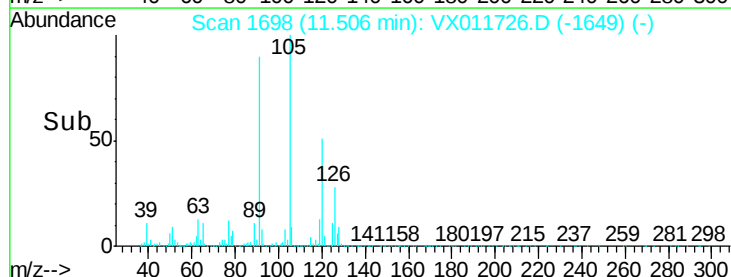
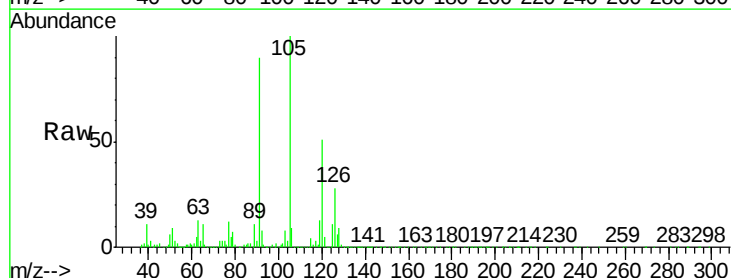
Acq: 21 Aug 2019 12:46

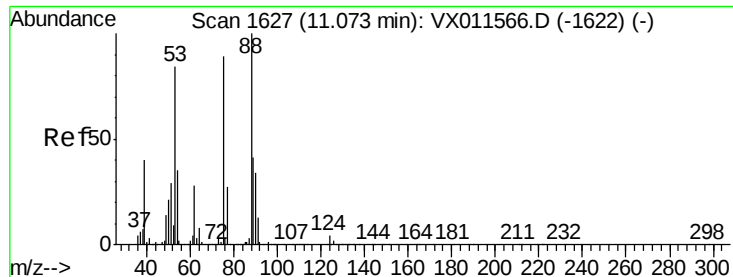
Tgt Ion: 105 Resp: 294498

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.8





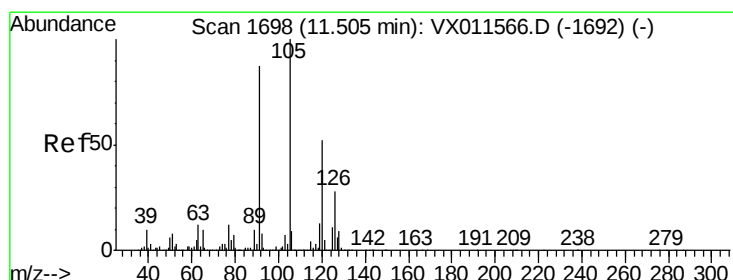
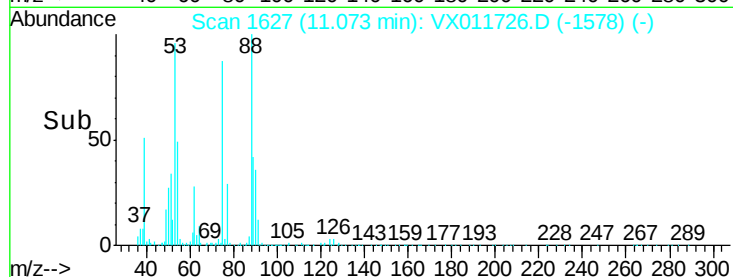
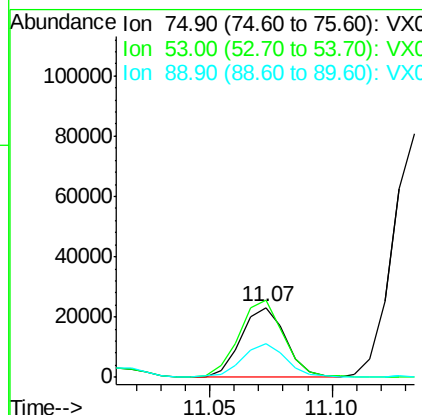
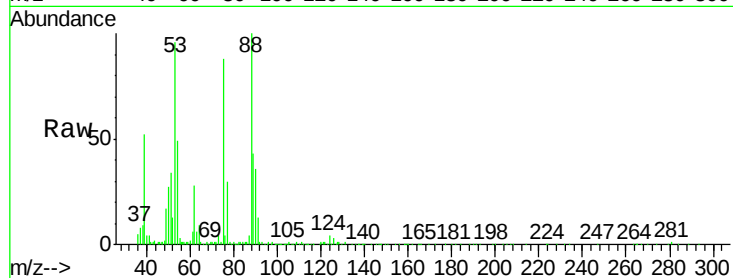
#81
trans-1,4-Dichloro-2-butene
Concen: 20.094 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.5	77.4	116.0
89	47.5	37.3	55.9

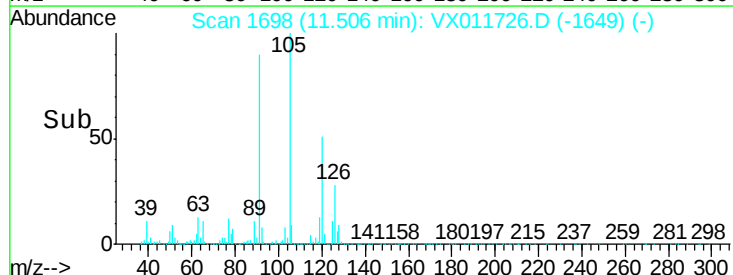
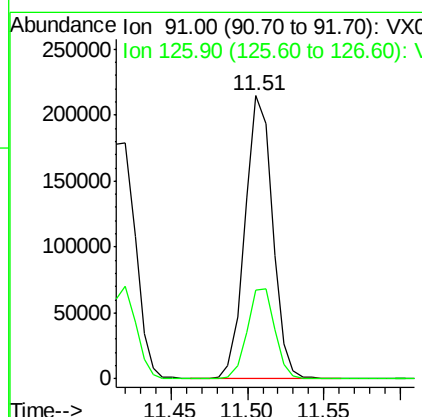
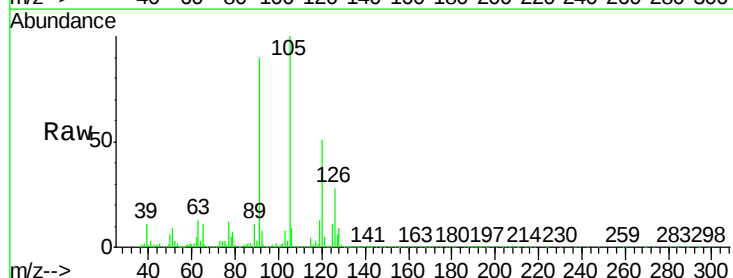
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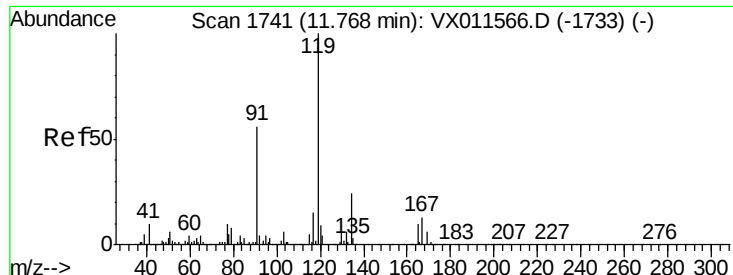
MMDadoda
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#82
4-Chlorotoluene
Concen: 22.103 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.1





#83

tert-Butylbenzene

Concen: 21.044 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

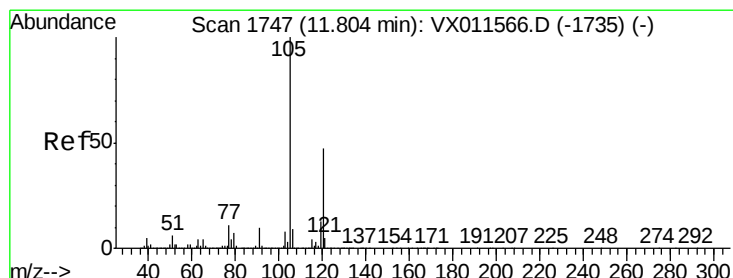
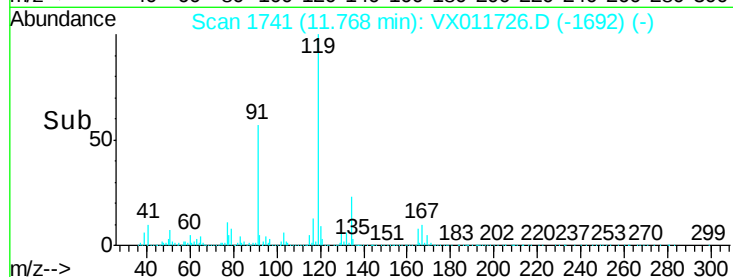
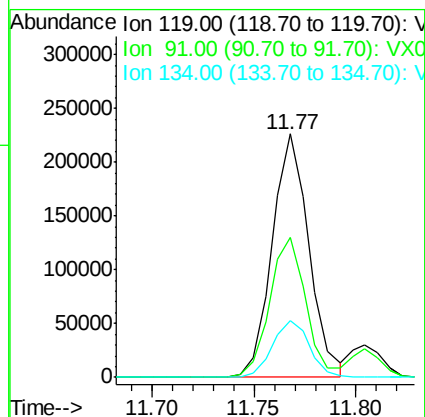
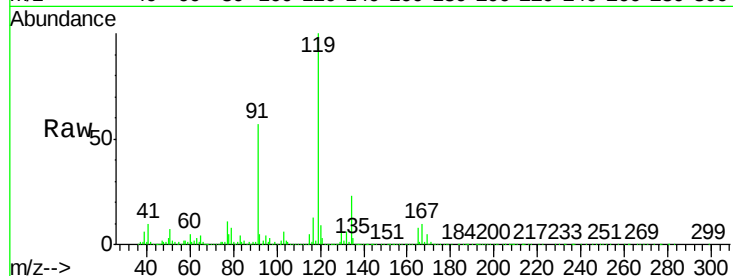
ClientSampleId :

VX0821MBS01

Tot Ion:	119	Resp:	283438
Ion Ratio	Lower	Upper	
119	100		
91	56.9	27.1	81.3
134	23.6	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 21.739 ug/l

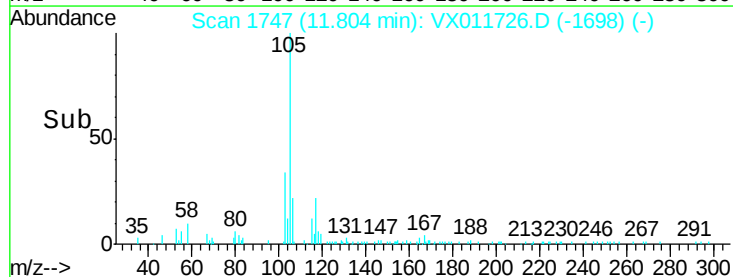
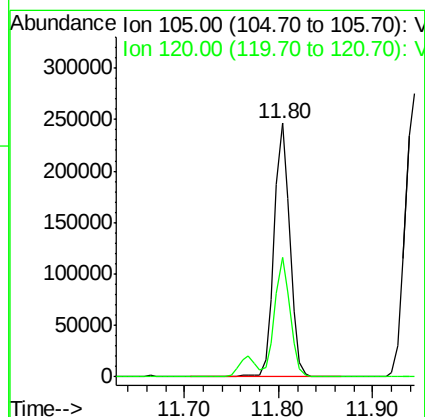
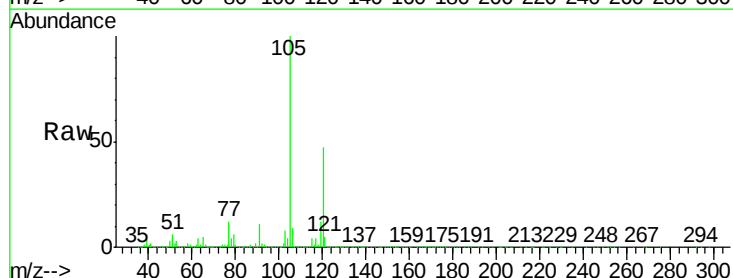
RT: 11.80 min Scan# 1747

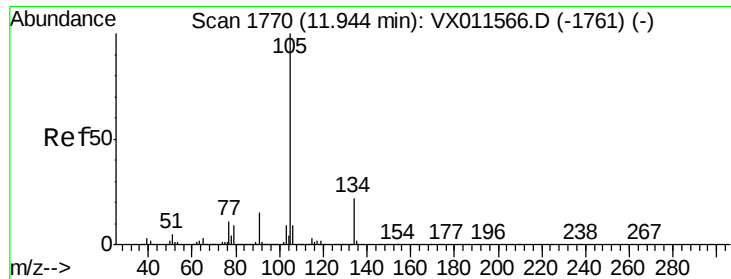
Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	105	Resp:	288611
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 22.219 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0821MBS01

Tot Ion:105 Resp: 337643

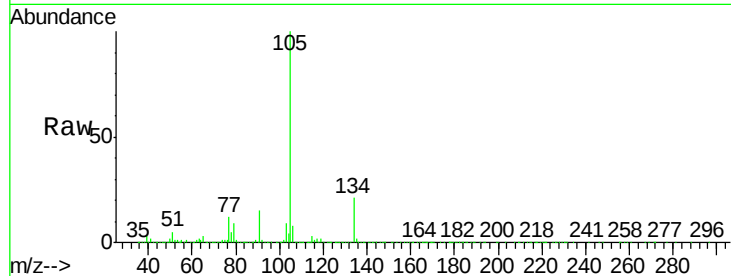
Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4

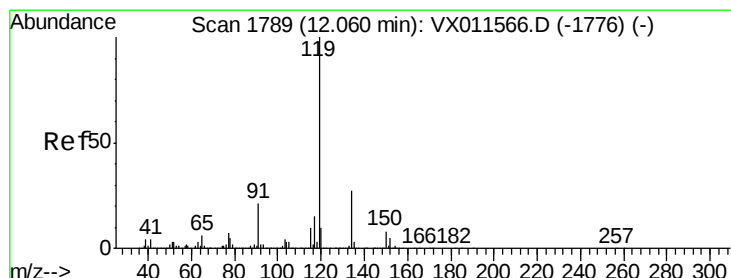
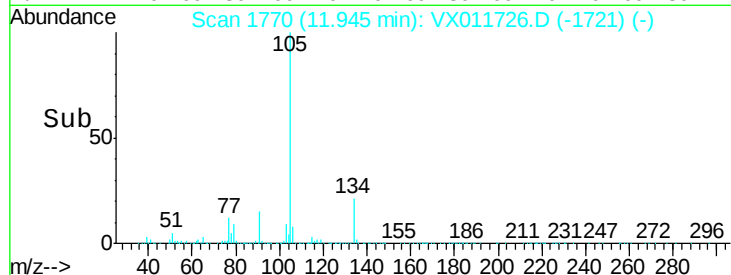
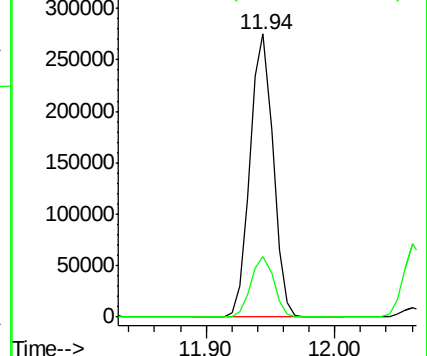
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.681 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

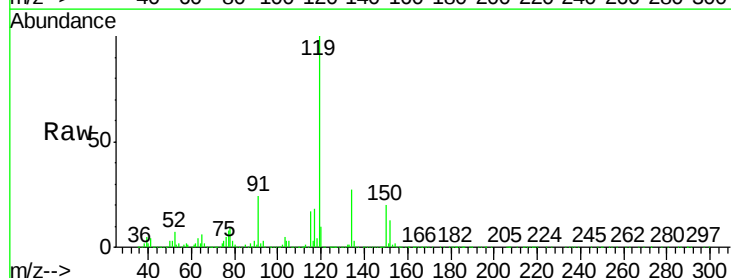
Tgt Ion:119 Resp: 309940

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

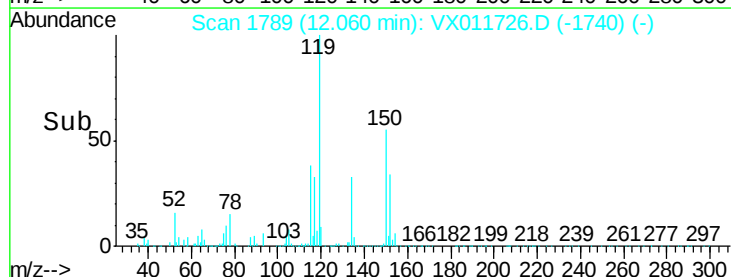
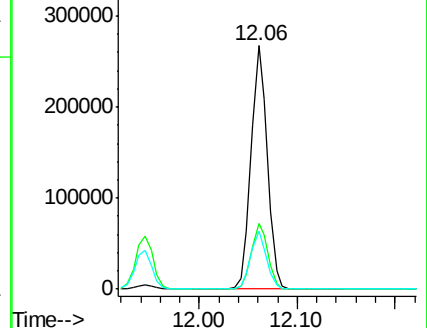
91 23.5 10.9 32.9

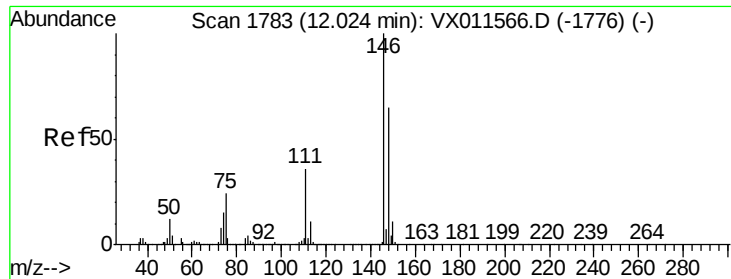


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





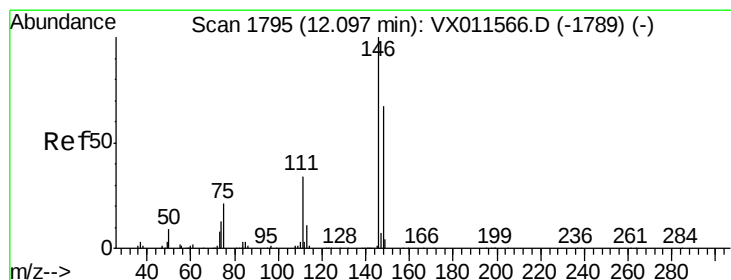
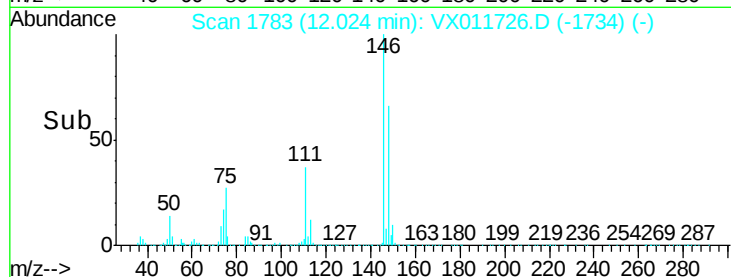
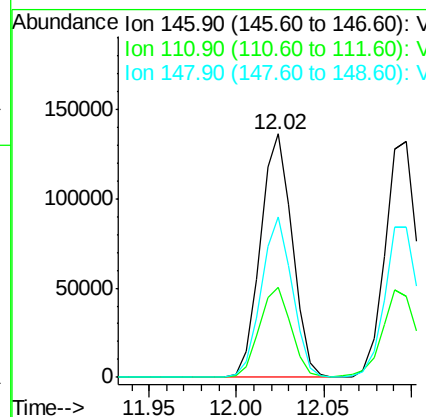
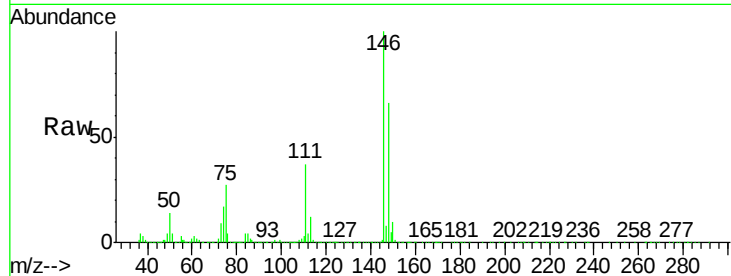
#87
 1,3-Dichlorobenzene
 Concen: 21.431 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.4
148	64.3	32.0	96.0

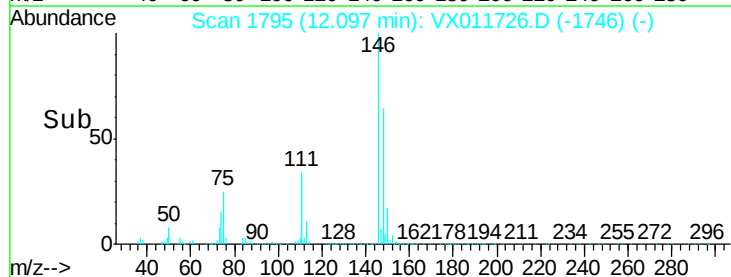
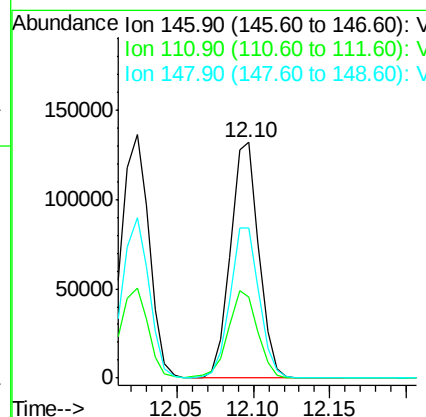
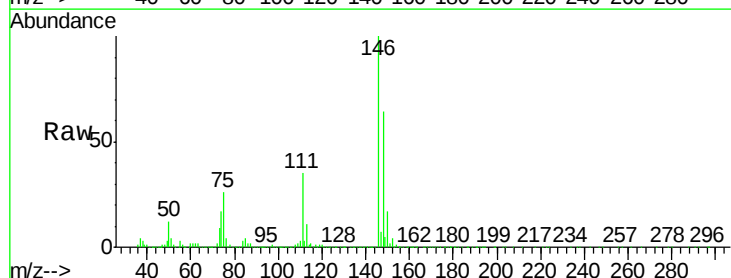
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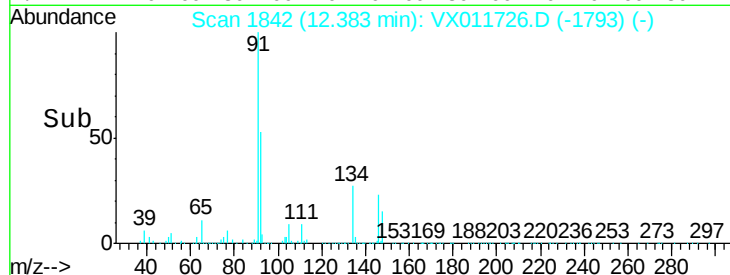
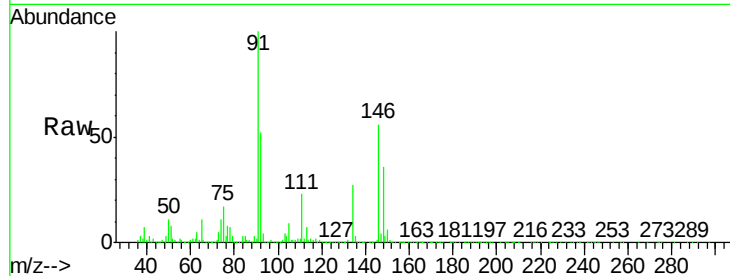
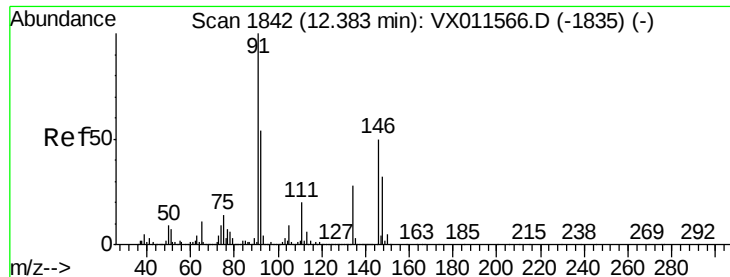
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#88
 1,4-Dichlorobenzene
 Concen: 20.700 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	17.9	53.7
148	65.4	32.5	97.5





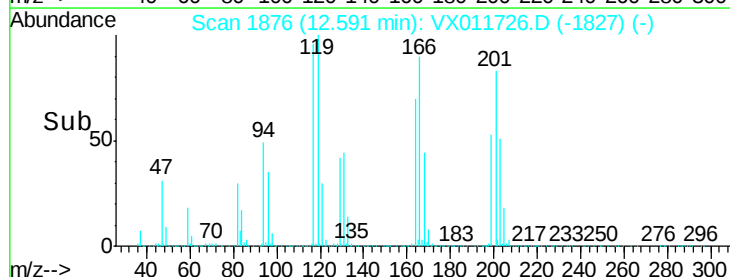
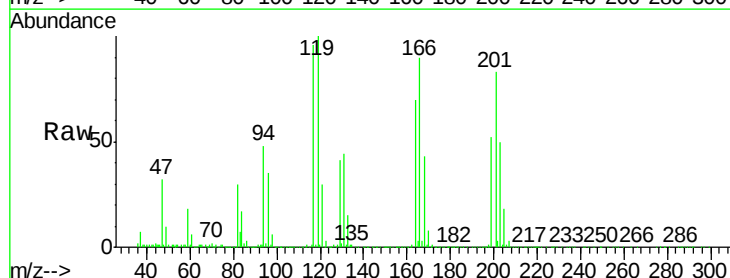
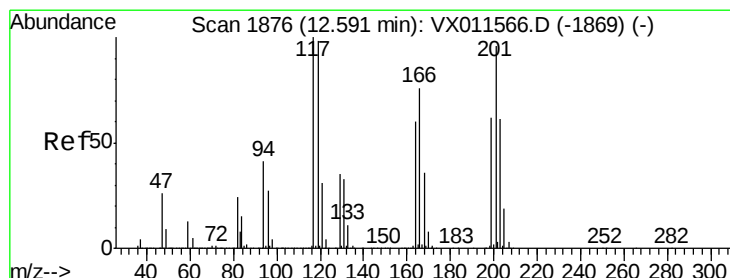
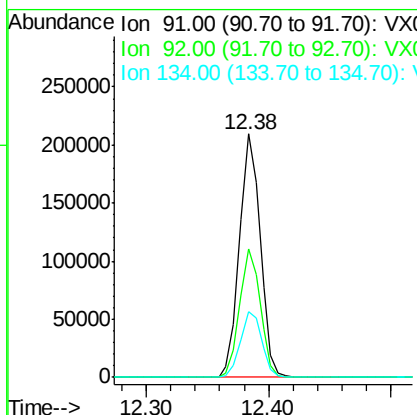
#89
n-Butylbenzene
Concen: 20.851 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tot Ion	Ratio	Resp	Lower	Upper
91	100	245063		
92	52.6		26.8	80.3
134	27.6		14.6	44.0

Instrument :
MSVOA_X
ClientSampleId :
VX0821MBS01

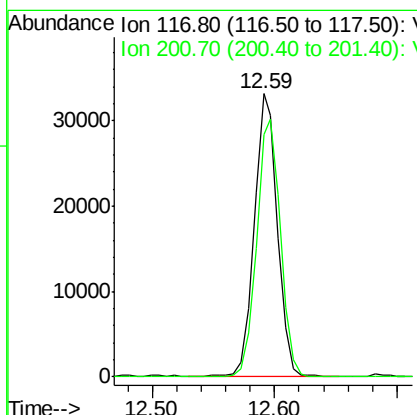
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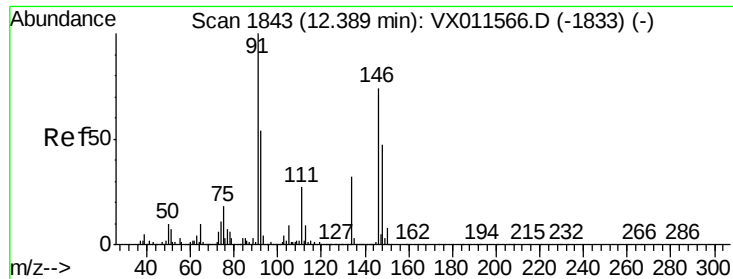
MMDadoda
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#90
Hexachloroethane
Concen: 19.234 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011726.D
Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43420		
201	94.6		51.9	155.7





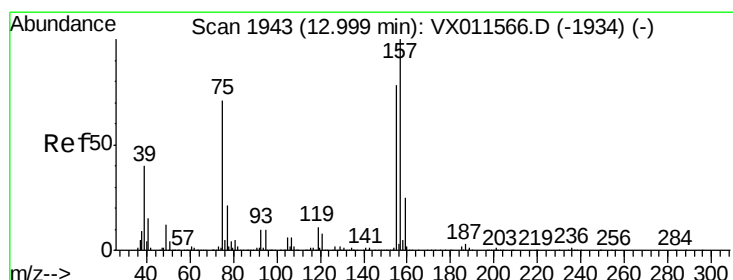
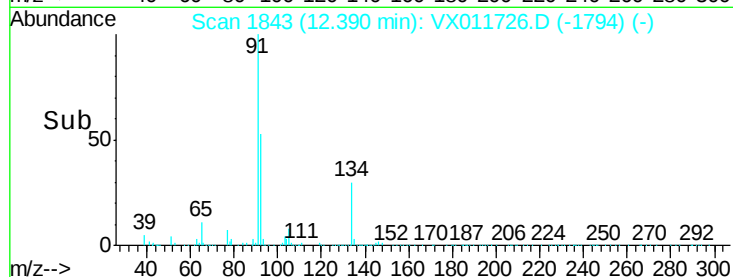
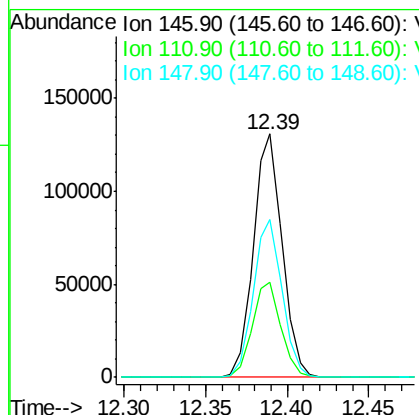
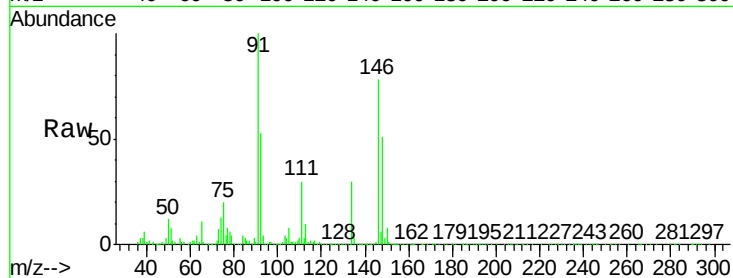
#91
 1,2-Dichlorobenzene
 Concen: 19.935 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	161103		
111	39.5	18.9	56.7	
148	65.1	31.9	95.9	

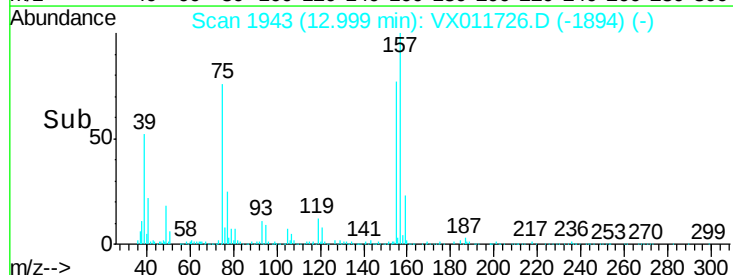
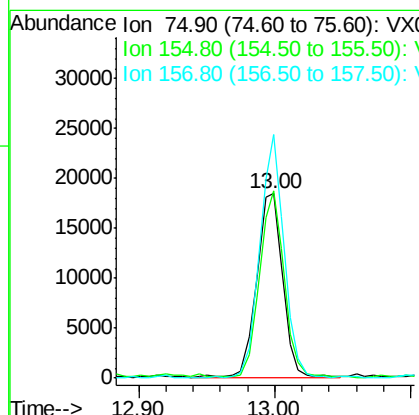
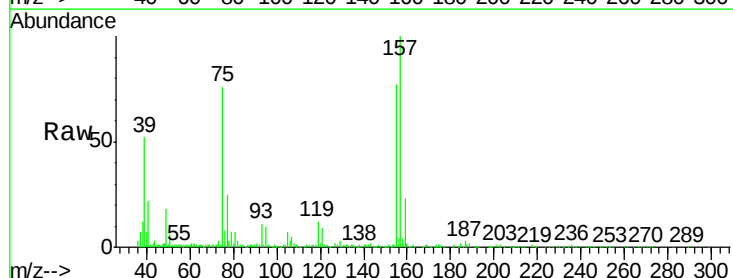
Manual Integrations
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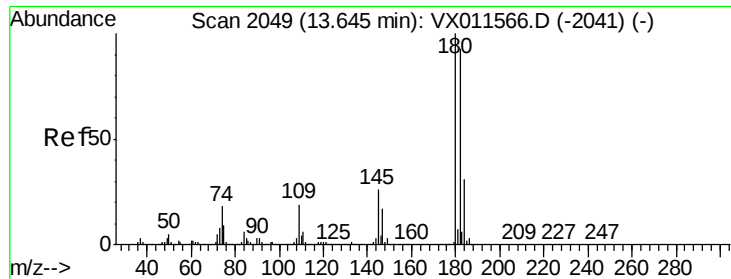
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.826 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24563		
155	98.5	53.0	159.0	
157	123.5	68.3	205.1	





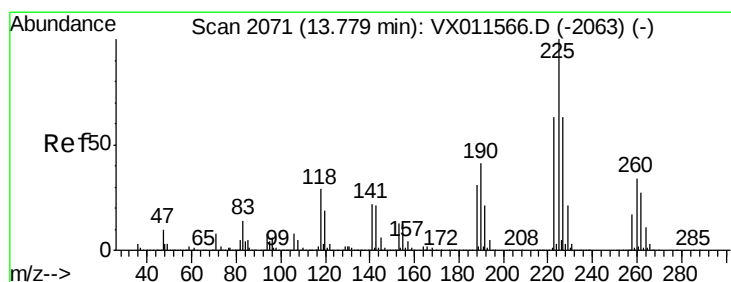
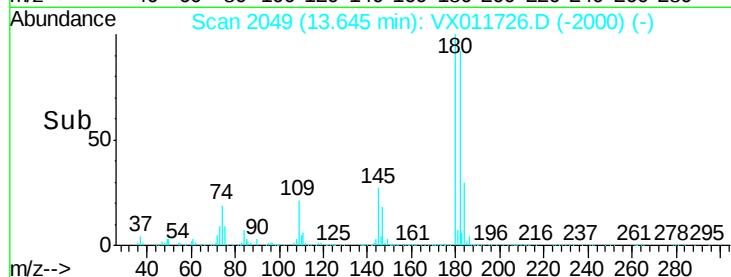
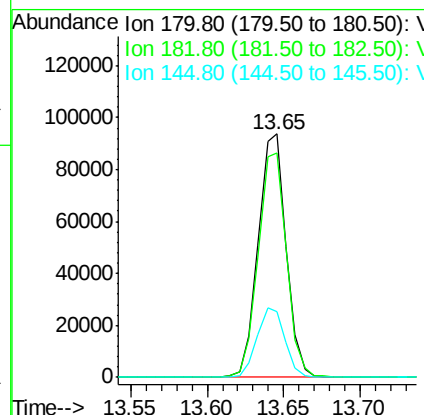
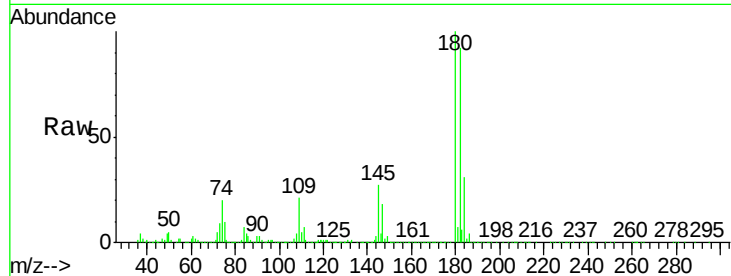
#93
 1,2,4-Trichlorobenzene
 Concen: 19.769 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119036		
182	93.7	47.3	142.0	
145	28.8	13.6	40.8	

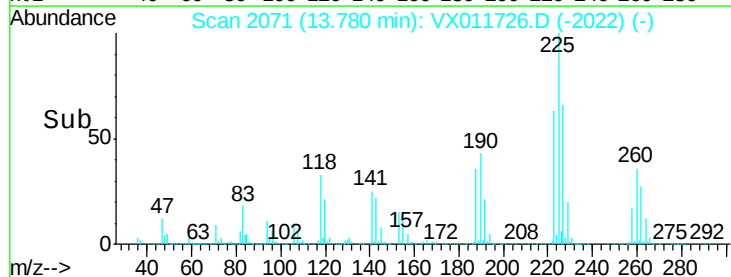
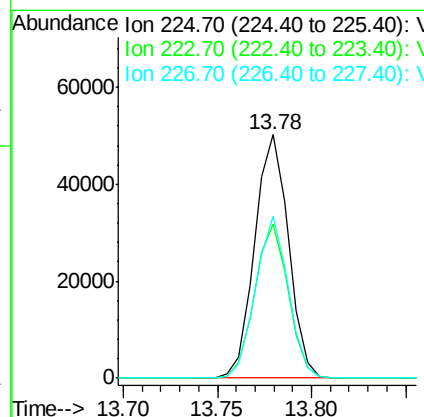
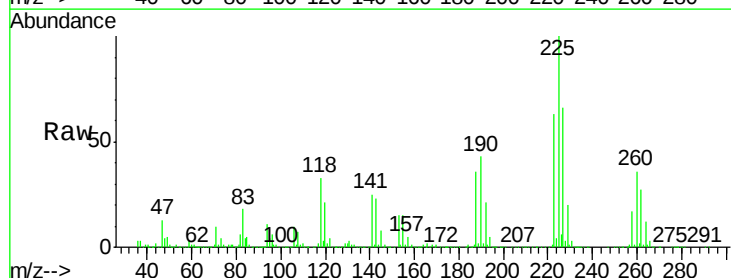
Manual Integrations
 APPROVED

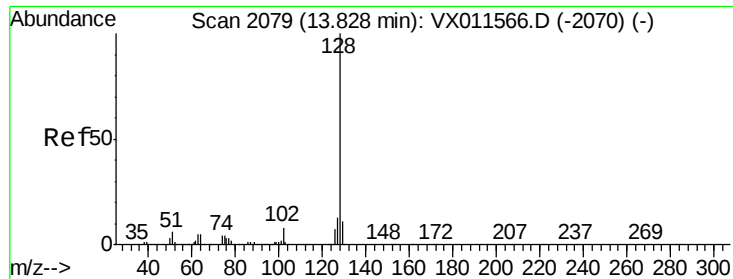
MMDadoda
 8/22/2019 10:01:03 AM



#94
 Hexachlorobutadiene
 Concen: 19.000 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011726.D
 Acq: 21 Aug 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62297		
223	63.4	31.4	94.0	
227	64.3	31.2	93.6	





#95

Naphthalene

Concen: 21.341 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Instrument :

MSVOA_X

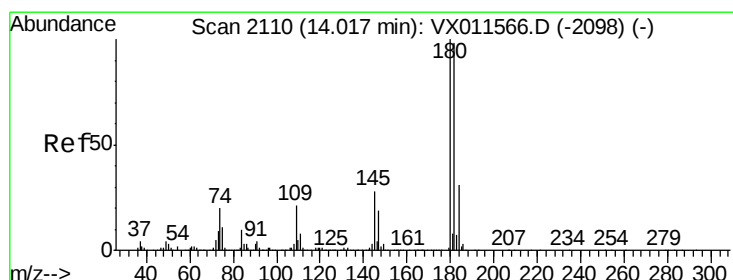
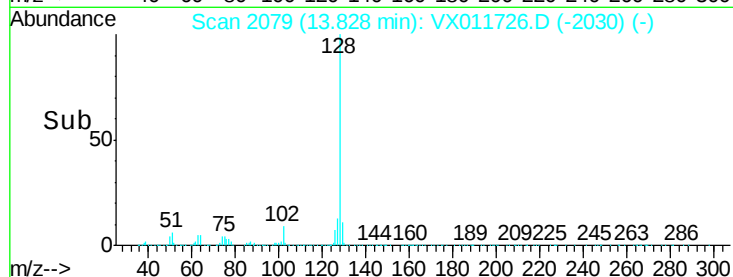
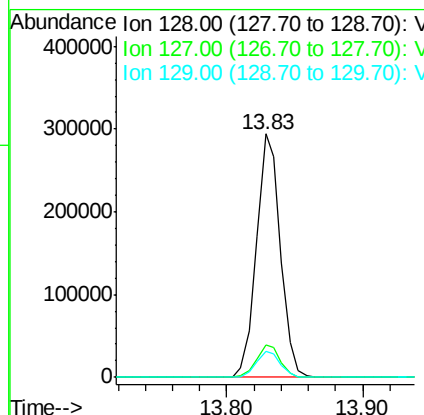
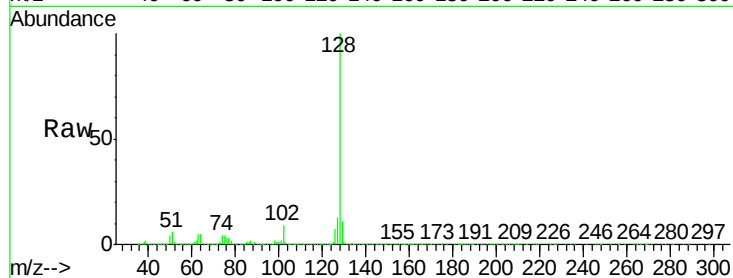
ClientSampleId :

VX0821MBS01

Tot Ion:	128	Resp:	363290
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:03 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.711 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011726.D

Acq: 21 Aug 2019 12:46

Tgt Ion:	180	Resp:	125783
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	30.4	14.6	43.8

