

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011598.D
 Acq On : 16 Aug 2019 23:03
 Operator : JC/SP
 Sample : VX0816WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:12 AM

Quant Time: Aug 19 03:51:00 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	353945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	498790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	442028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235761	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	154504	47.07	ug/l	0.00
Spiked Amount						
			Recovery	=	94.14%	
35) Dibromofluoromethane	5.49	113	144679	44.35	ug/l	0.00
Spiked Amount						
			Recovery	=	88.70%	
50) Toluene-d8	8.71	98	467520	45.99	ug/l	0.00
Spiked Amount						
			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.13	95	195916	45.66	ug/l	0.00
Spiked Amount						
			Recovery	=	91.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	74109	21.301	ug/l	99
3) Chloromethane	1.32	50	63770	17.648	ug/l	98
4) Vinyl Chloride	1.40	62	64019	19.613	ug/l	100
5) Bromomethane	1.64	94	33279	22.753	ug/l	99
6) Chloroethane	1.71	64	30915	20.011	ug/l	98
7) Trichlorofluoromethane	1.92	101	87355	19.321	ug/l	98
8) Diethyl Ether	2.18	74	30277	19.522	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53680	17.189	ug/l	96
10) Methyl Iodide	2.50	142	73029	16.416	ug/l	96
11) Tert butyl alcohol	3.04	59	77921	96.765	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53054	17.580	ug/l	96
13) Acrolein	2.29	56	19954	88.792	ug/l	97
14) Allyl chloride	2.72	41	97360	19.393	ug/l	99
15) Acrylonitrile	3.14	53	186431	101.156	ug/l	99
16) Acetone	2.43	43	153983	93.298	ug/l	95
17) Carbon Disulfide	2.56	76	130938	18.412	ug/l	100
18) Methyl Acetate	2.76	43	105596	20.630	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	201060	20.456	ug/l	99
20) Methylene Chloride	2.85	84	65524	18.908	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	63051	19.715	ug/l	98
22) Diisopropyl ether	3.85	45	201301	20.134	ug/l	95
23) Vinyl Acetate	3.81	43	800431	101.102	ug/l	99
24) 1,1-Dichloroethane	3.69	63	110910	19.621	ug/l	99
25) 2-Butanone	4.67	43	259804	100.270	ug/l	97
26) 2,2-Dichloropropane	4.58	77	68581	16.120	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	74317	19.933	ug/l	97
28) Bromochloromethane	5.01	49	47387	19.096	ug/l	99
29) Tetrahydrofuran	5.12	42	170403	100.258	ug/l	100
30) Chloroform	5.21	83	116709	19.564	ug/l	96
31) Cyclohexane	5.57	56	99148	20.372	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	102672	20.016	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84672	19.855	ug/l	98
37) Ethyl Acetate	4.83	43	96102	19.592	ug/l	100
38) Carbon Tetrachloride	5.78	117	88693	18.877	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98542	18.711	ug/l	97
40) Benzene	6.14	78	255092	19.248	ug/l	100
41) Methacrylonitrile	5.04	41	54359	20.136	ug/l	100
42) 1,2-Dichloroethane	6.19	62	93202	20.299	ug/l	100
43) Isopropyl Acetate	6.44	43	149437	19.522	ug/l	99
44) Trichloroethene	7.21	130	76057	19.346	ug/l	97
45) 1,2-Dichloropropane	7.51	63	66995	20.270	ug/l	98
46) Dibromomethane	7.66	93	45547	18.964	ug/l	99
47) Bromodichloromethane	7.89	83	84061	19.062	ug/l	98
48) Methyl methacrylate	7.76	41	75838	20.006	ug/l	99
49) 1,4-Dioxane	7.74	88	38756	384.378	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	503579	100.505	ug/l	99
52) Toluene	8.78	92	164967	19.539	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85513	18.684	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	94733	18.914	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	72065	20.071	ug/l	96
56) Ethyl methacrylate	9.18	69	103536	19.840	ug/l	99
57) 1,3-Dichloropropane	9.37	76	111317	19.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	266371	102.444	ug/l	100
59) 2-Hexanone	9.49	43	381434	98.718	ug/l	100
60) Dibromochloromethane	9.58	129	71877	19.214	ug/l	99
61) 1,2-Dibromoethane	9.67	107	75001	19.573	ug/l	99
64) Tetrachloroethene	9.34	164	73303	20.212	ug/l	98
65) Chlorobenzene	10.13	112	184634	19.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	70560	20.023	ug/l	99
67) Ethyl Benzene	10.25	91	314445	19.984	ug/l	99
68) m/p-Xylenes	10.35	106	244581	40.495	ug/l	98
69) o-Xylene	10.69	106	119379	20.179	ug/l	98
70) Styrene	10.71	104	199688	20.050	ug/l	99
71) Bromoform	10.85	173	57107	18.870	ug/l #	99
73) Isopropylbenzene	11.02	105	320833	20.972	ug/l	100
74) N-amyl acetate	10.90	43	125575	19.316	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	105431	20.034	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	90683m	20.284	ug/l	
77) Bromobenzene	11.25	156	93504	20.544	ug/l	99
78) n-propylbenzene	11.36	91	343915	20.848	ug/l	99
79) 2-Chlorotoluene	11.42	91	207947	20.529	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	270536	21.052	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	25306	18.444	ug/l	89
82) 4-Chlorotoluene	11.51	91	240845	20.494	ug/l	100
83) tert-Butylbenzene	11.77	119	266305	20.346	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	271971	21.081	ug/l	100
85) sec-Butylbenzene	11.94	105	303612	20.560	ug/l	100
86) p-Isopropyltoluene	12.06	119	288392	20.759	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	156343	19.984	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	158193	19.951	ug/l	99
89) n-Butylbenzene	12.38	91	225549	19.748	ug/l	99
90) Hexachloroethane	12.59	117	41014	18.695	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	157833	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23455	19.481	ug/l	92

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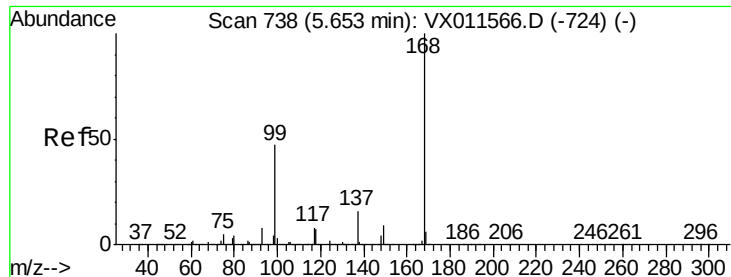
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113142	19.336	ug/l	99
94) Hexachlorobutadiene	13.78	225	60018	18.837	ug/l	98
95) Naphthalene	13.83	128	340542	20.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118603	20.096	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: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion:168 Resp: 353945

Ion Ratio Lower Upper

168 100

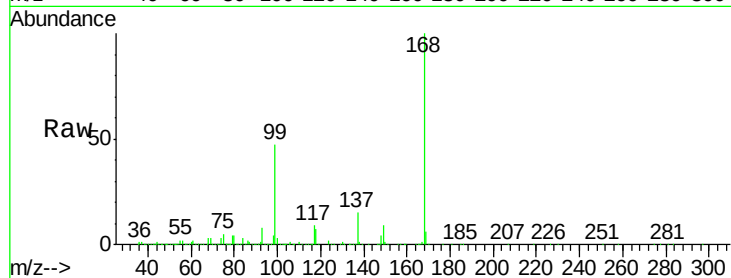
99 47.0 37.3 55.9

Manual Integrations

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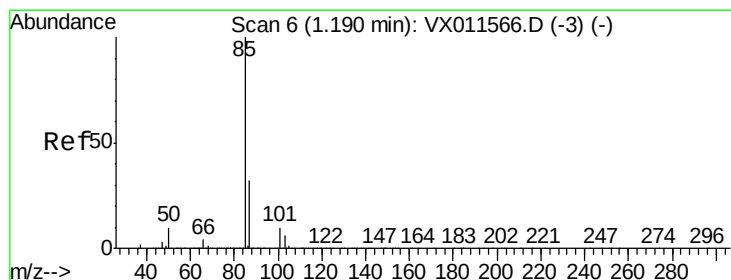
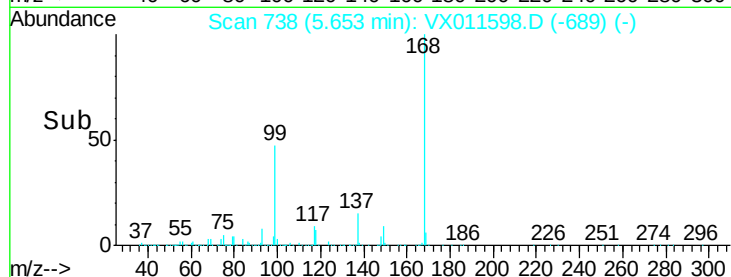
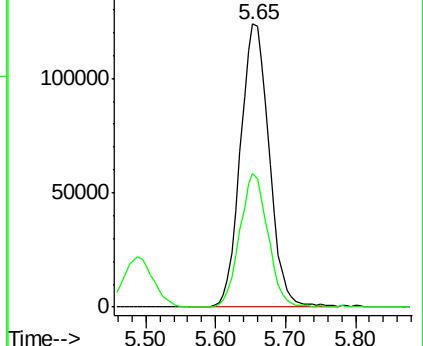
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.301 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011598.D

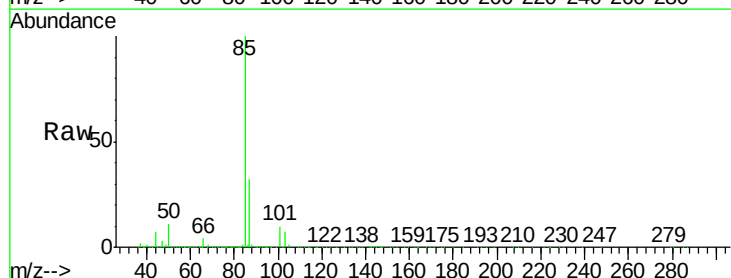
Acq: 16 Aug 2019 23:03

Tgt Ion: 85 Resp: 74109

Ion Ratio Lower Upper

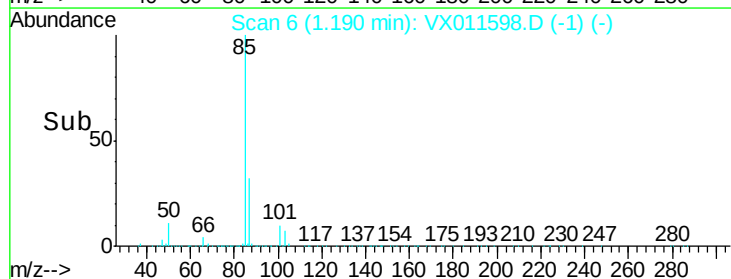
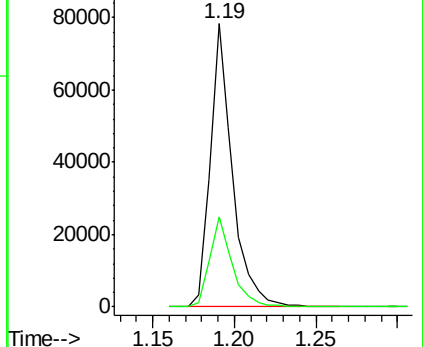
85 100

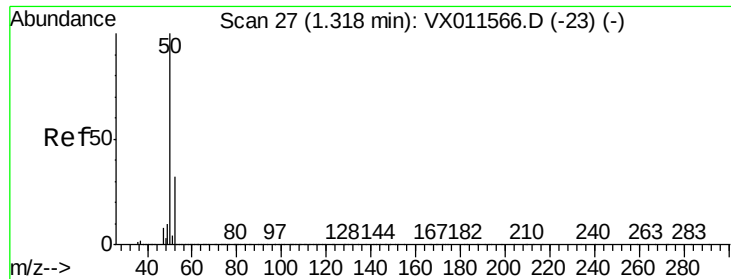
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.648 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 50 Resp: 63770

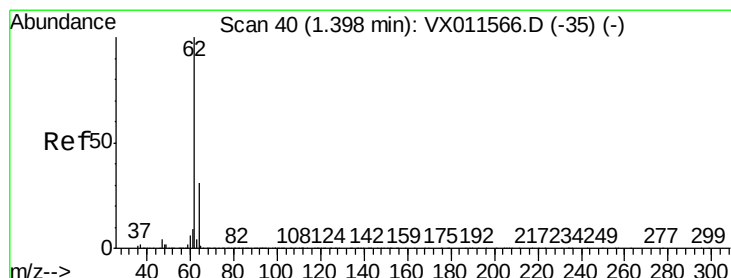
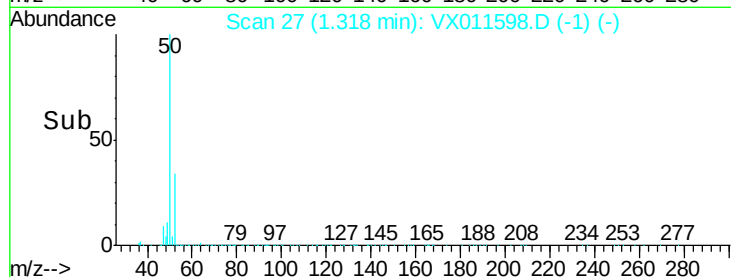
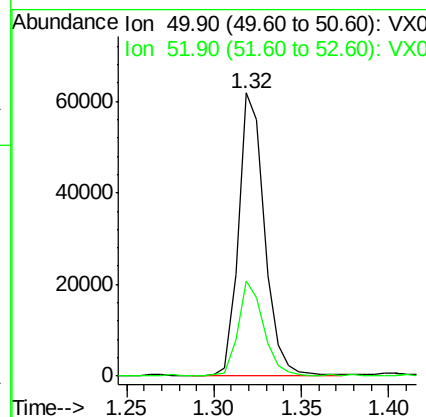
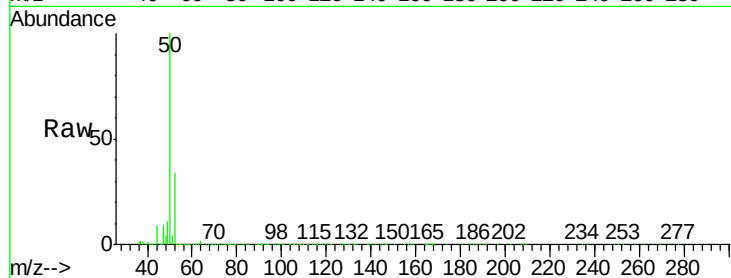
Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.613 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011598.D

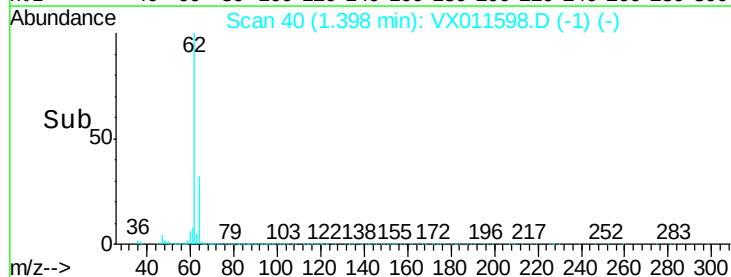
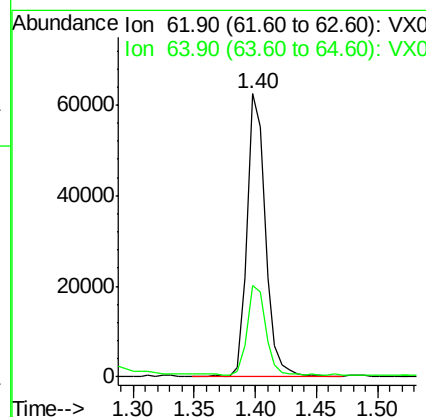
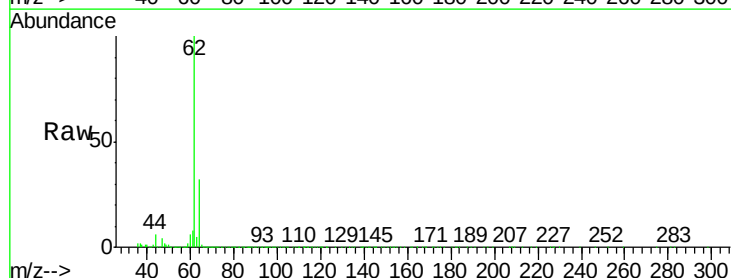
Acq: 16 Aug 2019 23:03

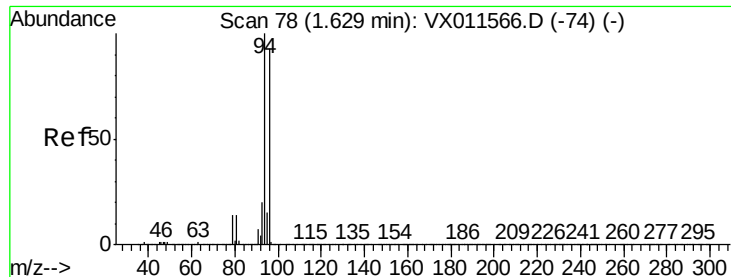
Tgt Ion: 62 Resp: 64019

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 22.753 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 94 Resp: 33279

Ion Ratio Lower Upper

94 100

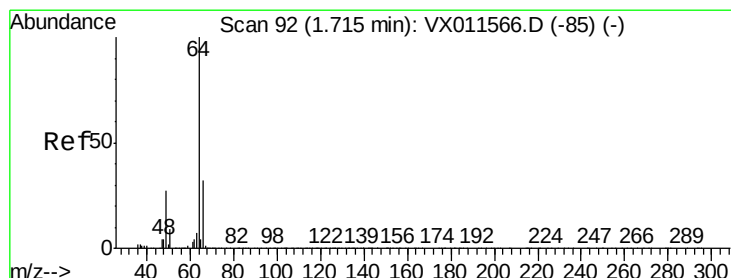
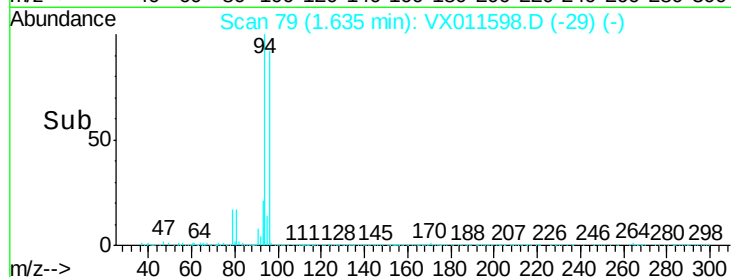
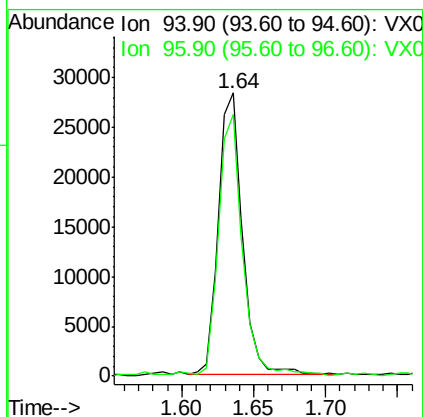
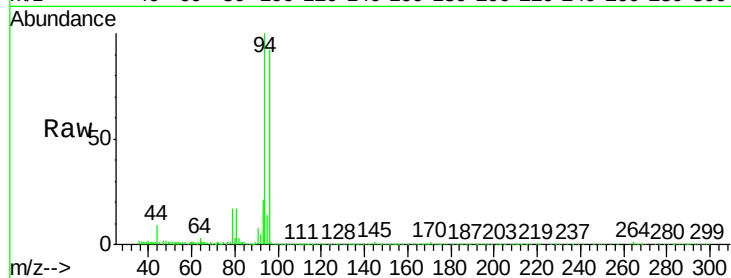
96 92.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 20.011 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011598.D

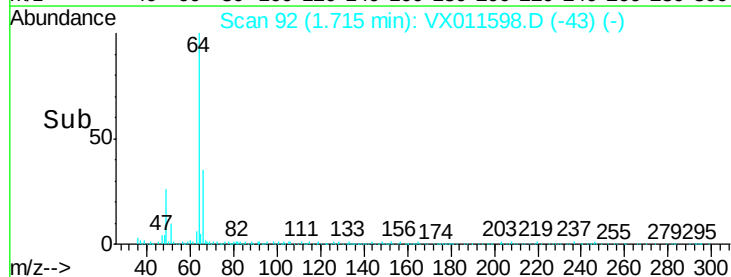
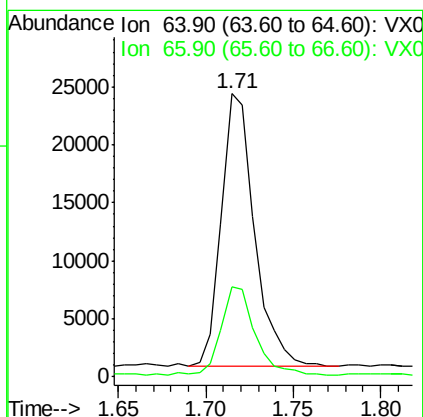
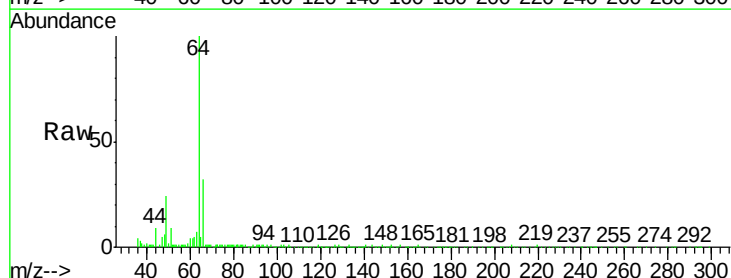
Acq: 16 Aug 2019 23:03

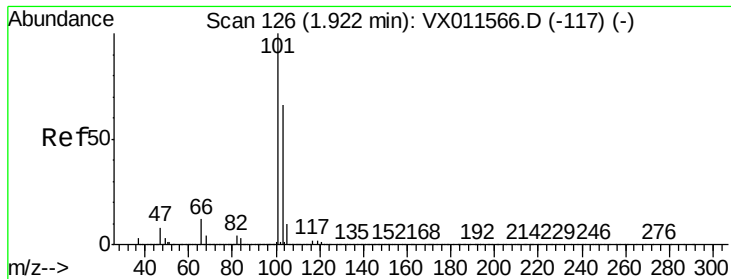
Tgt Ion: 64 Resp: 30915

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9





#7

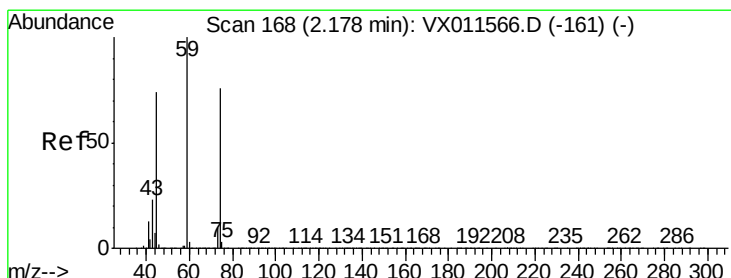
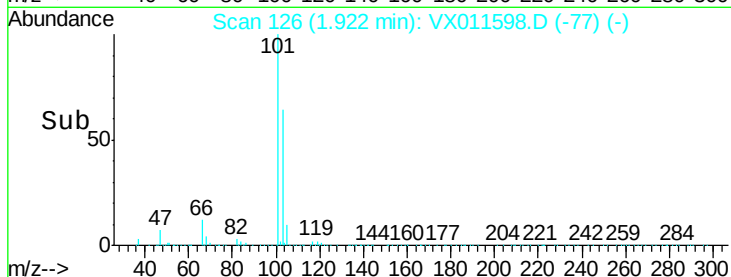
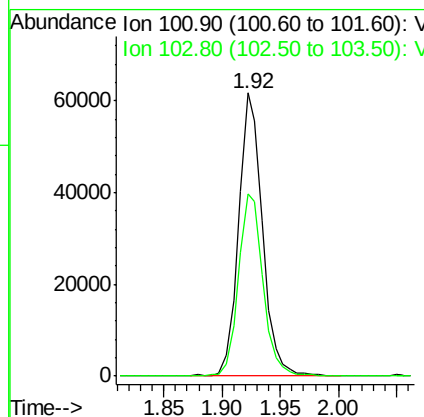
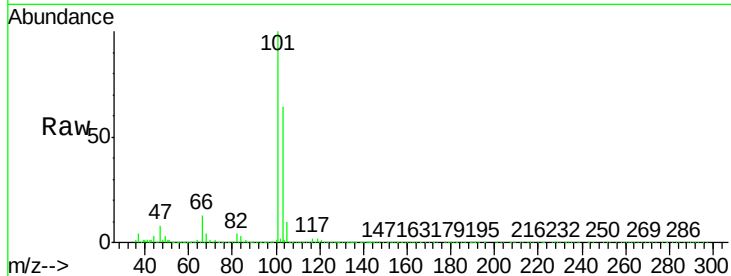
Trichlorofluoromethane
Concen: 19.321 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.9	79.3

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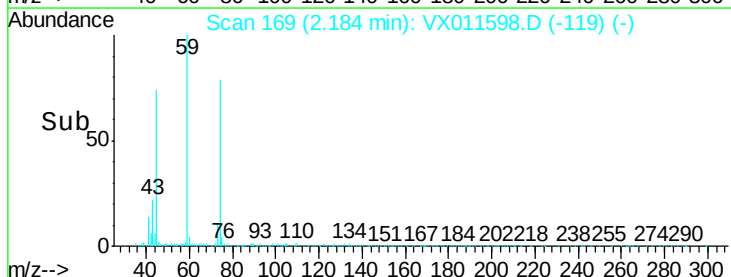
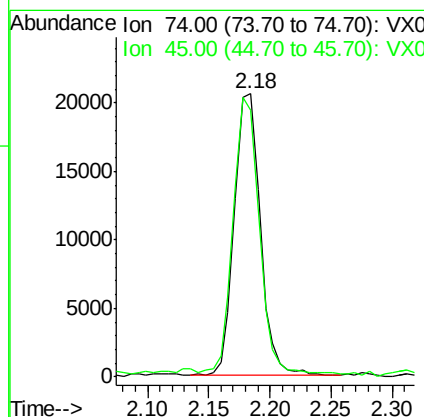
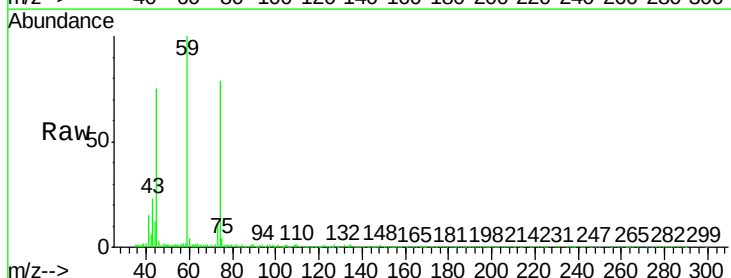
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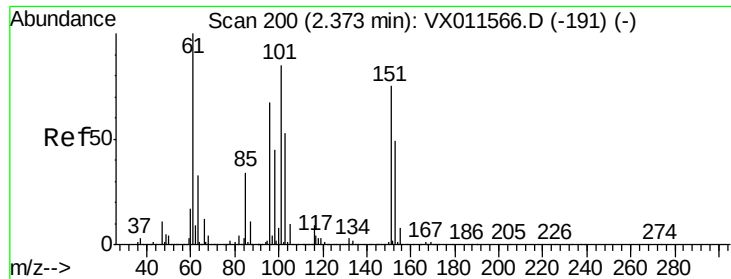


#8

Diethyl Ether
Concen: 19.522 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	48.2	144.6





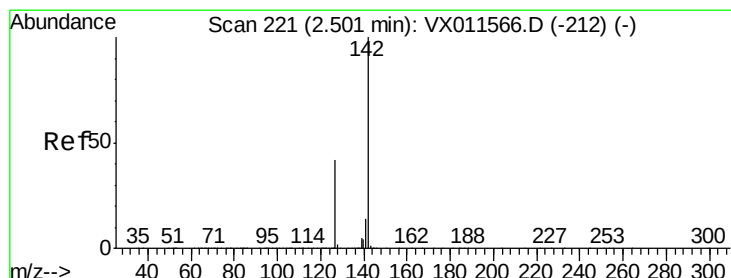
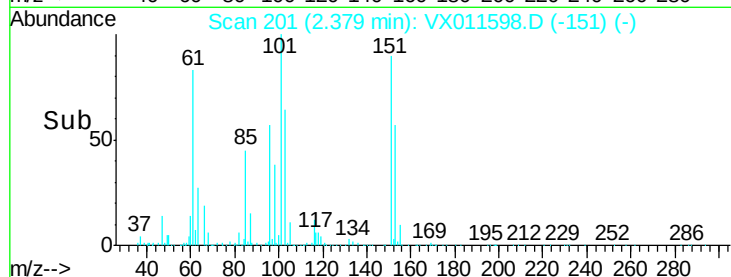
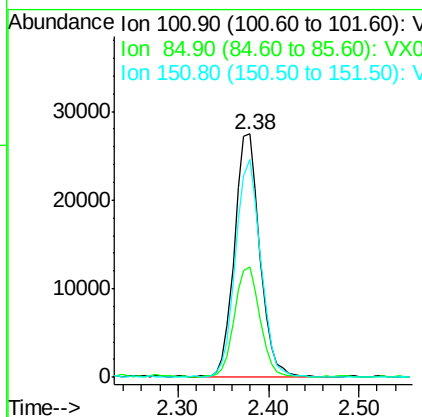
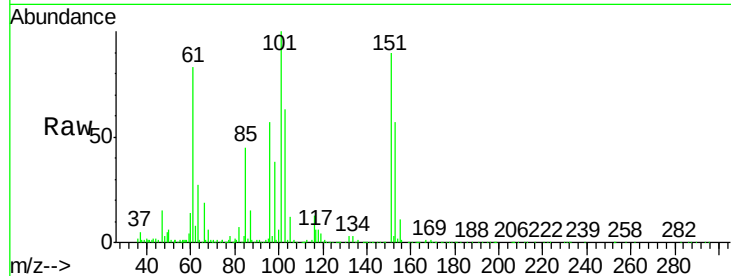
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.189 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
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 VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	53680		
85	45.9	33.0	49.4	
151	89.1	73.3	109.9	

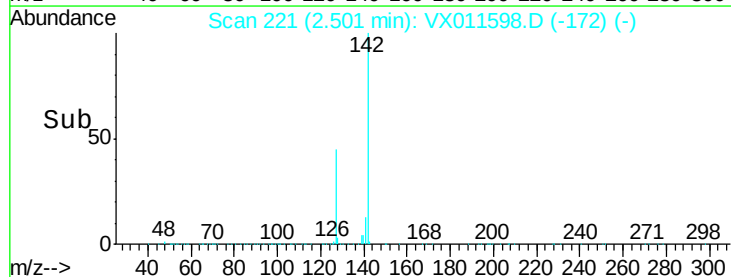
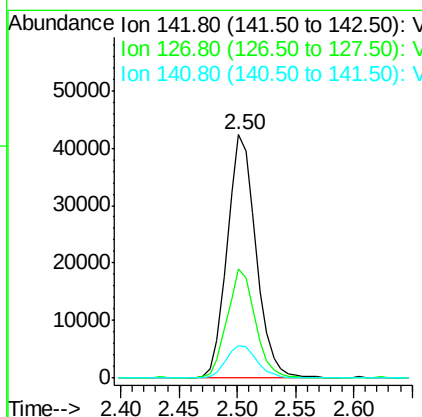
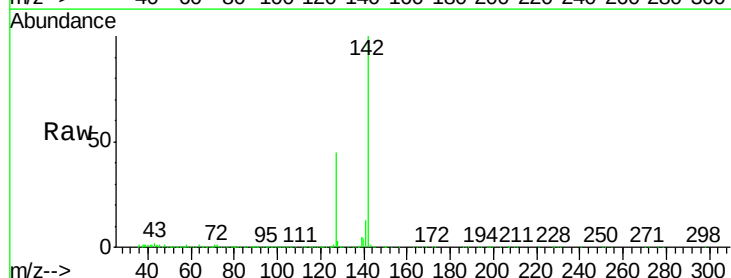
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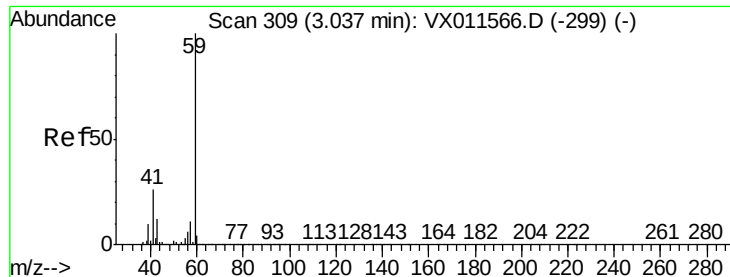
MMDadoda
 8/19/2019 10:29:12 AM



#10
 Methyl Iodide
 Concen: 16.416 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	73029		
127	44.0	32.8	49.2	
141	14.6	11.4	17.2	





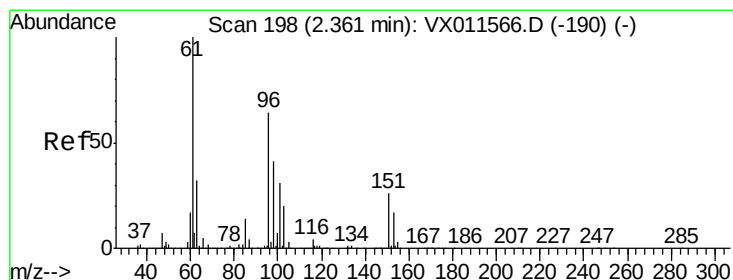
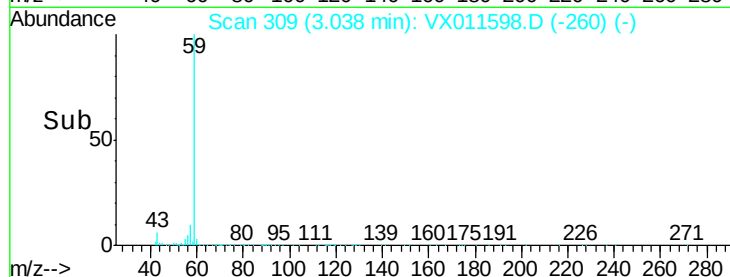
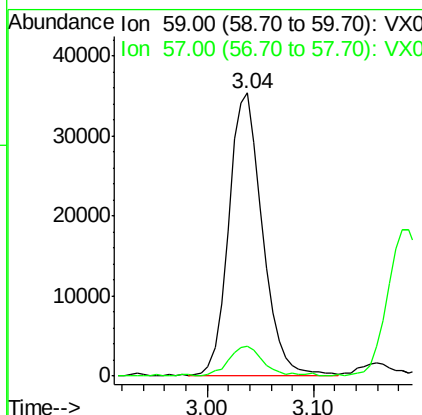
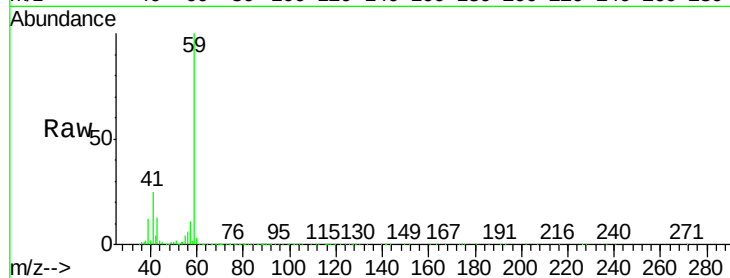
#11
Tert butyl alcohol
Concen: 96.765 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.7	13.1

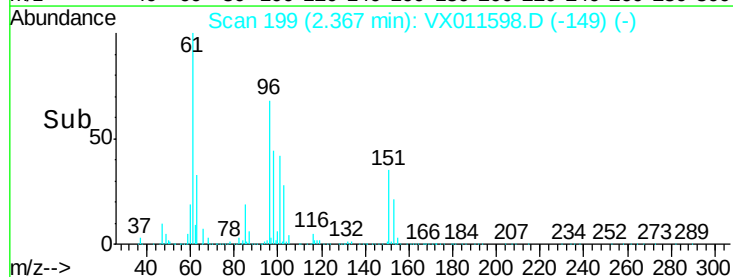
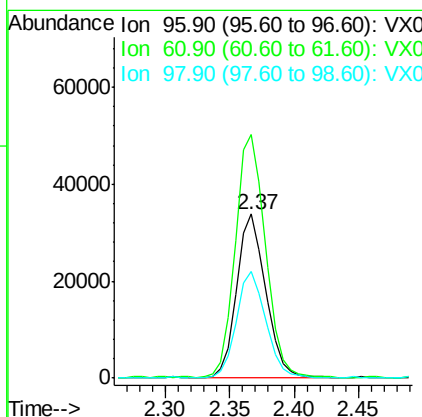
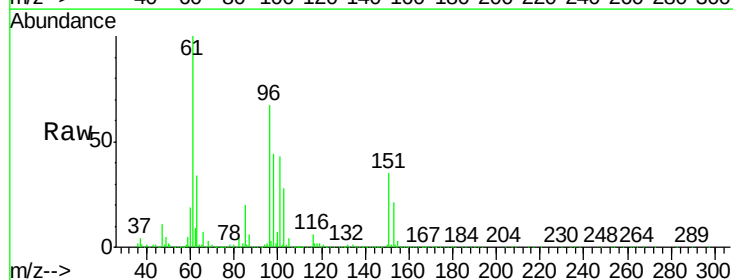
Manual Integrations
APPROVED

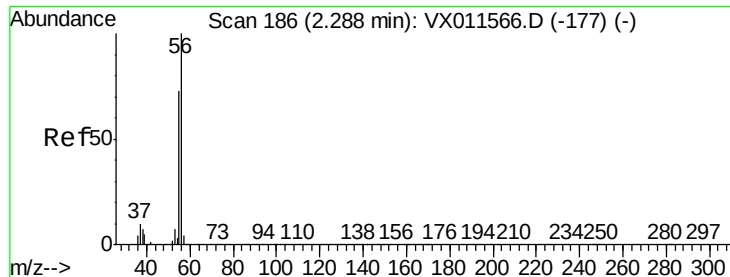
MMDadoda
8/19/2019 10:29:12 AM



#12
1,1-Dichloroethene
Concen: 17.580 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.4	125.0	187.4
98	64.9	51.5	77.3





#13

Acrolein

Concen: 88.792 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampled :

VX0816WBS02

Tot Ion: 56 Resp: 19954

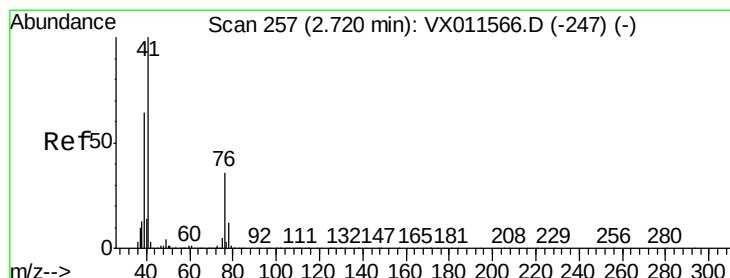
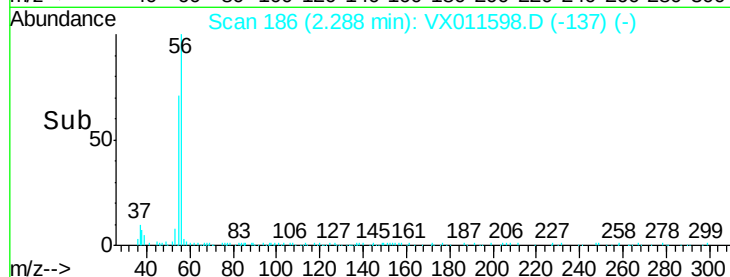
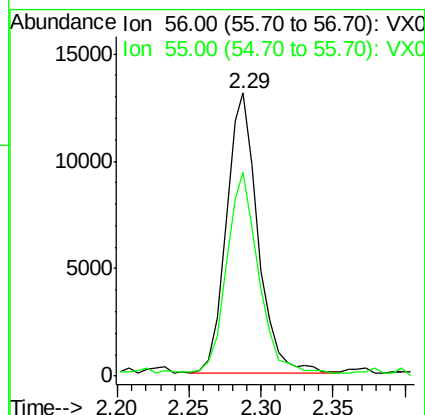
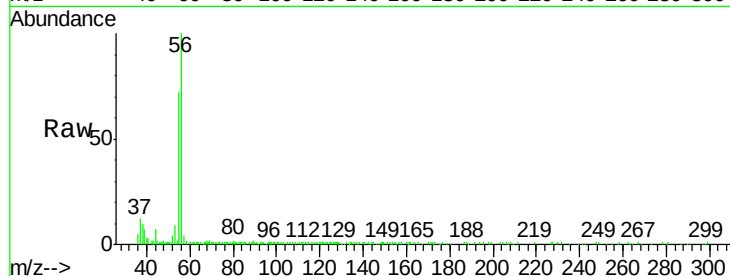
Ion Ratio Lower Upper

56 100

55 71.5 55.5 83.3

Manual Integrations
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#14

Allyl chloride

Concen: 19.393 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

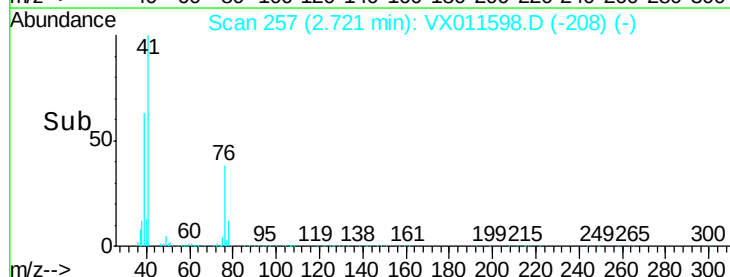
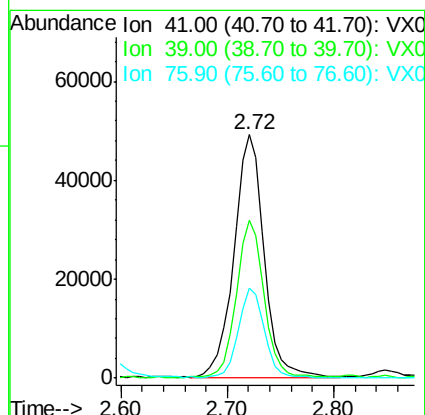
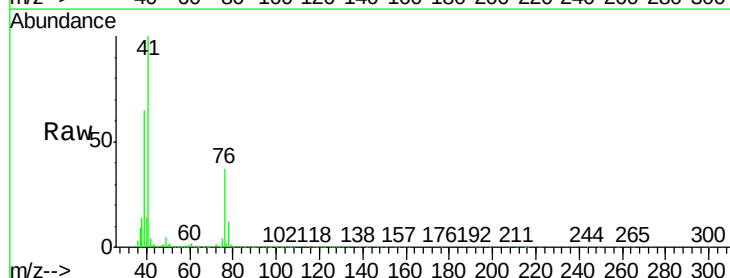
Tgt Ion: 41 Resp: 97360

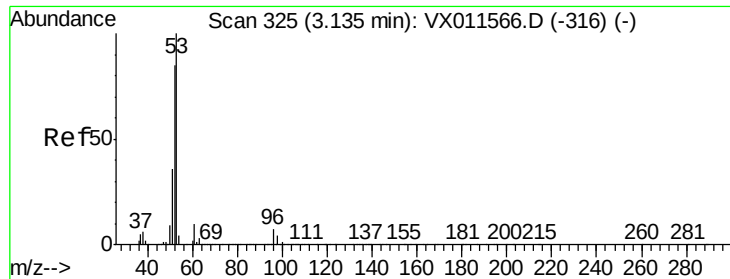
Ion Ratio Lower Upper

41 100

39 59.2 47.5 71.3

76 31.6 26.3 39.5





#15

Acrylonitrile

Concen: 101.156 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

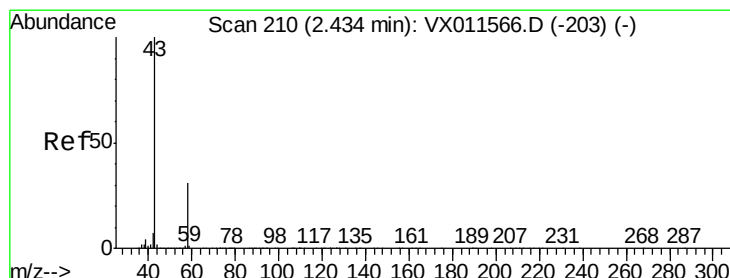
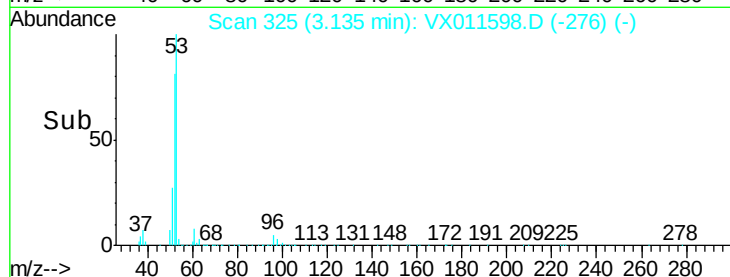
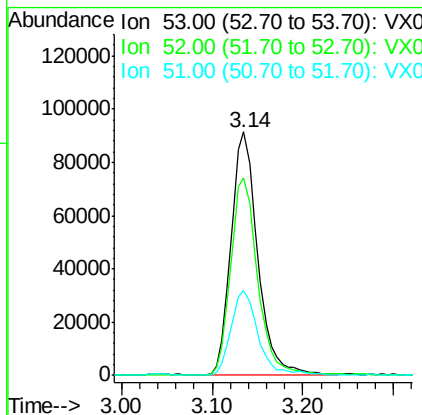
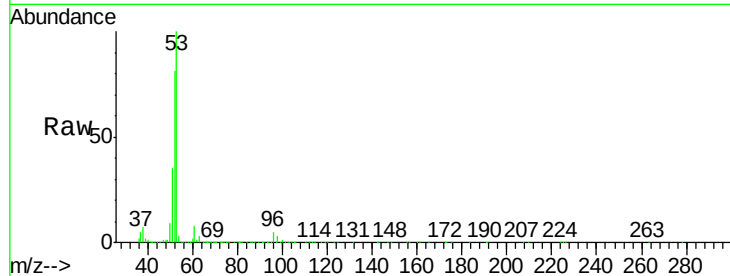
ClientSampleId :

VX0816WBS02

Tot Ion:	53	Resp:	186431
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.7	100.1
51	34.9	28.7	43.1

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#16

Acetone

Concen: 93.298 ug/l

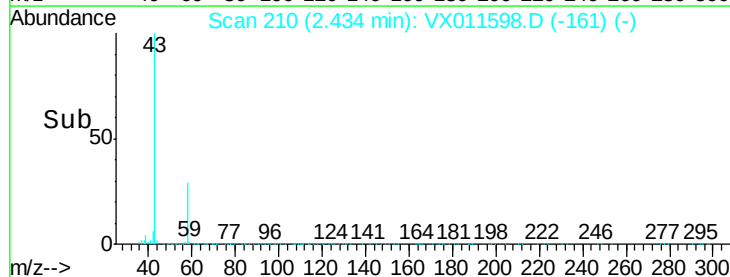
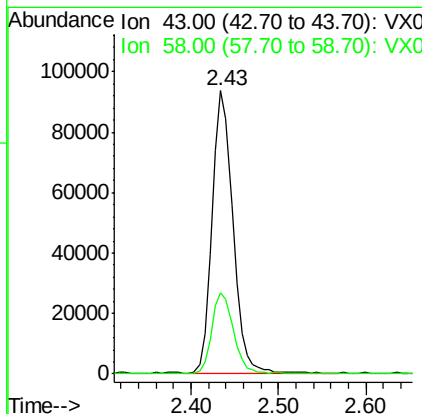
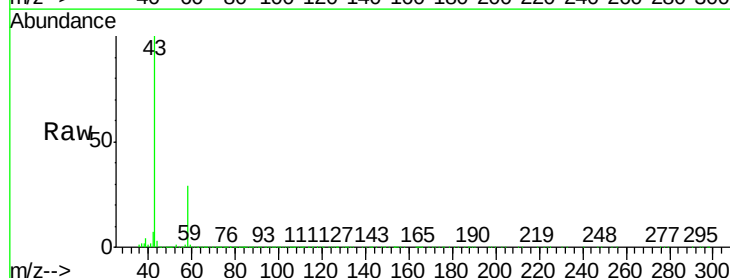
RT: 2.43 min Scan# 210

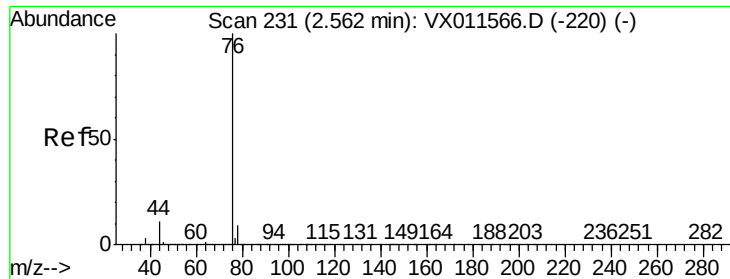
Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	43	Resp:	153983
Ion Ratio		Lower	Upper
43	100		
58	28.7	25.2	37.8





#17

Carbon Disulfide

Concen: 18.412 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampled :

VX0816WBS02

Tot Ion: 76 Resp: 130938

Ion Ratio Lower Upper

76 100

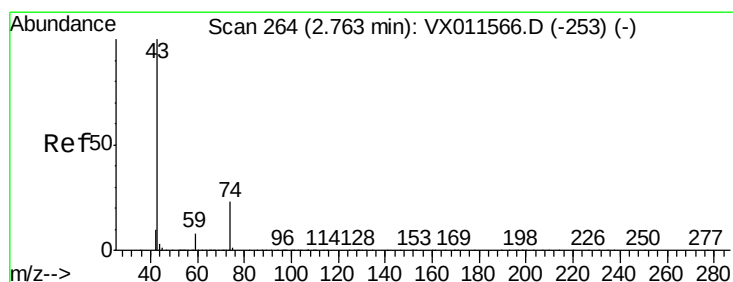
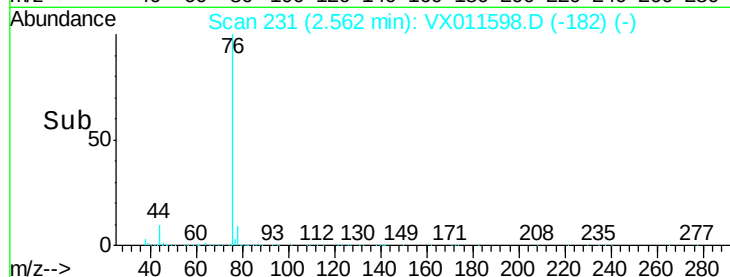
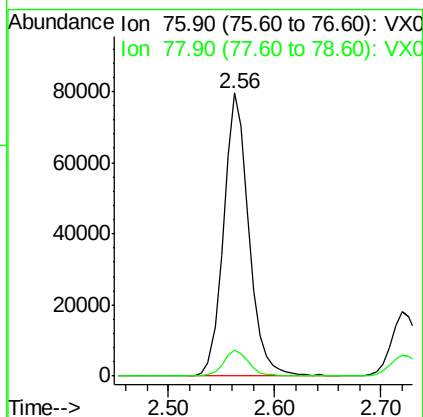
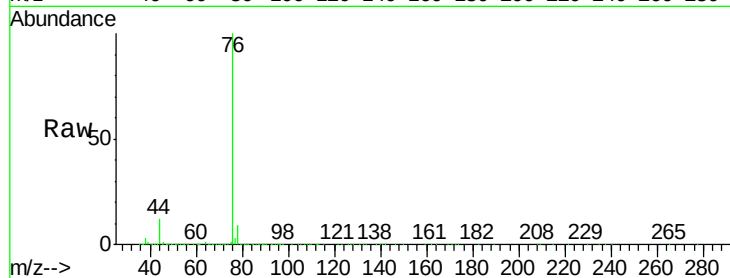
78 9.1 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 20.630 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011598.D

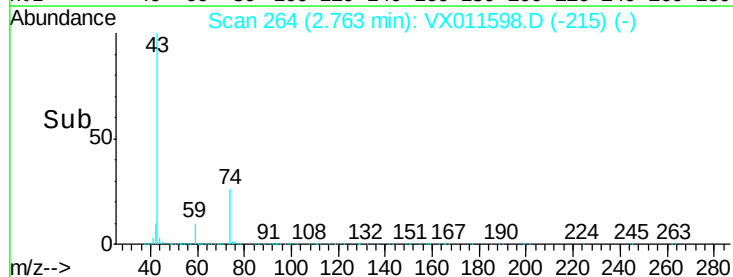
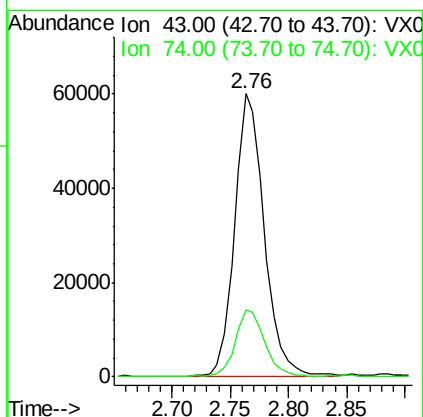
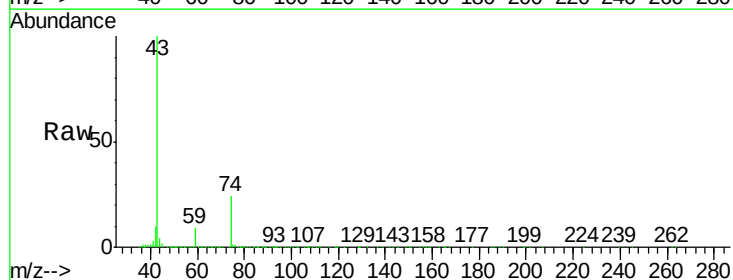
Acq: 16 Aug 2019 23:03

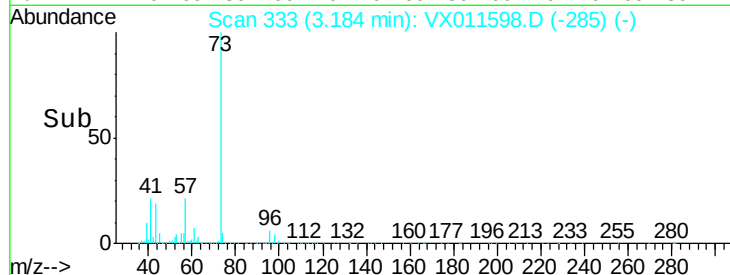
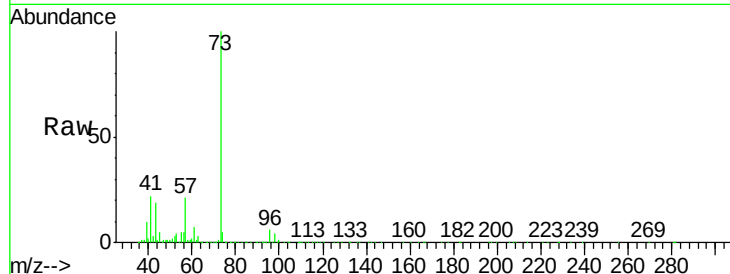
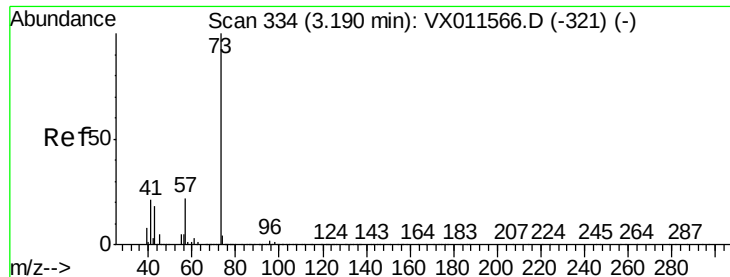
Tgt Ion: 43 Resp: 105596

Ion Ratio Lower Upper

43 100

74 24.2 19.7 29.5





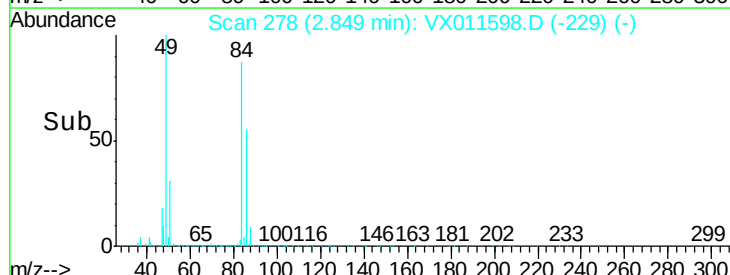
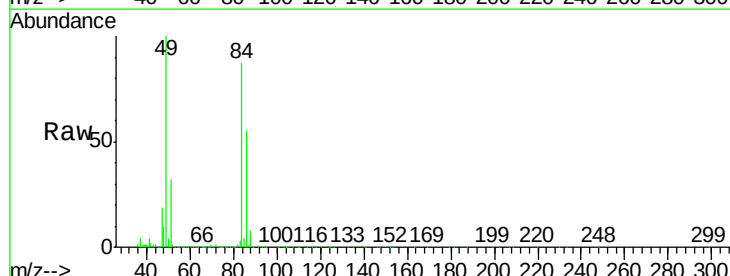
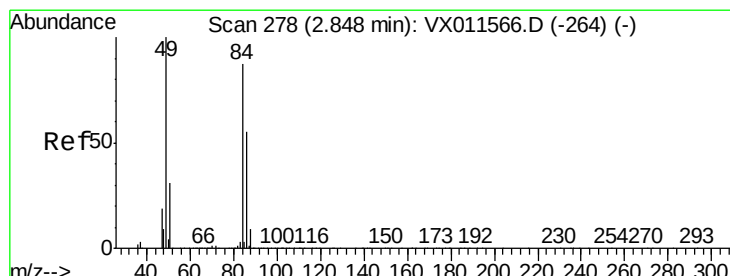
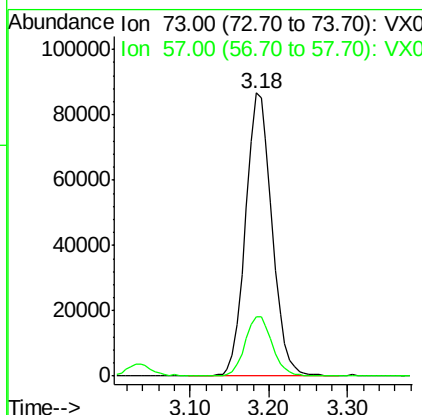
#19
Methyl tert-butyl Ether
Concen: 20.456 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.2	25.8

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

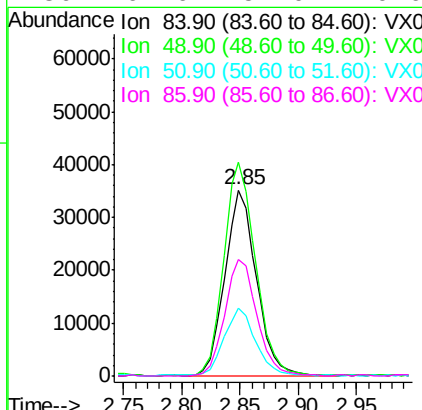
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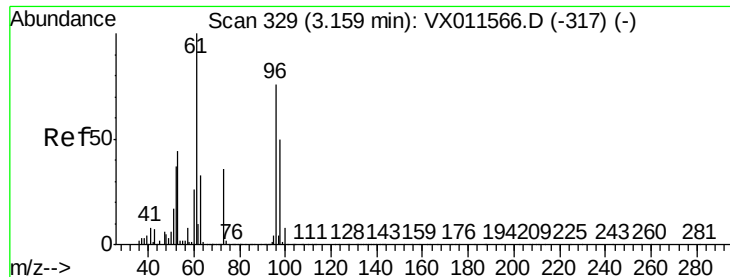
MMDadoda
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#20
Methylene Chloride
Concen: 18.908 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.7	92.4	138.6
51	35.7	28.5	42.7
86	62.6	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.715 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011598.D

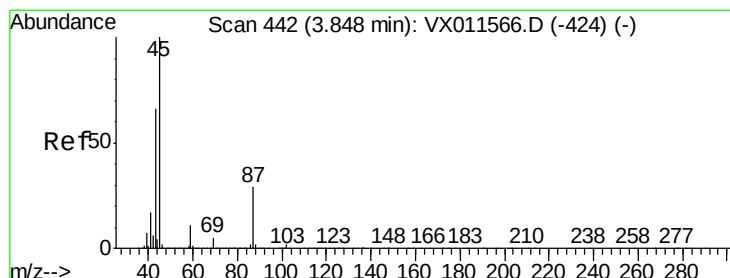
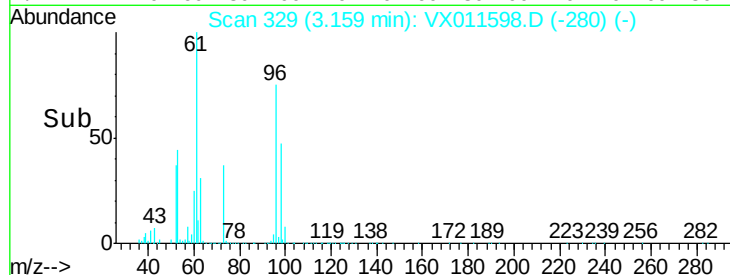
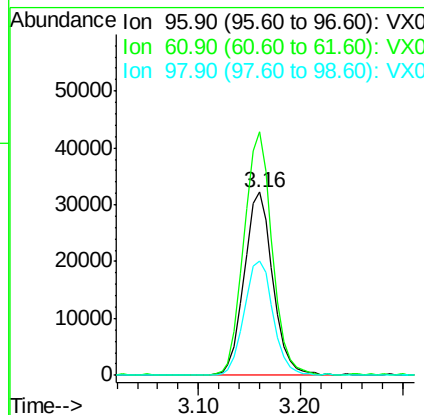
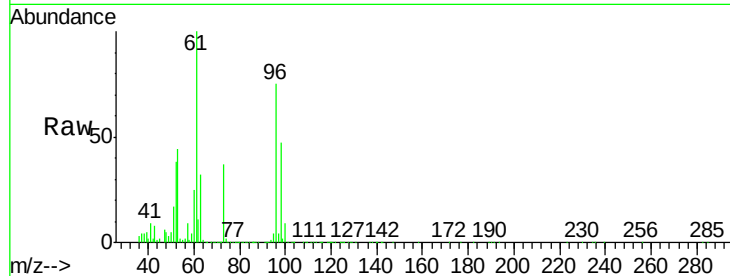
Acq: 16 Aug 2019 23:03

Tot Ion:	96	Resp:	63051
Ion Ratio	Lower	Upper	
96	100		
61	133.0	105.5	158.3
98	62.8	52.6	78.8

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

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#22

Diisopropyl ether

Concen: 20.134 ug/l

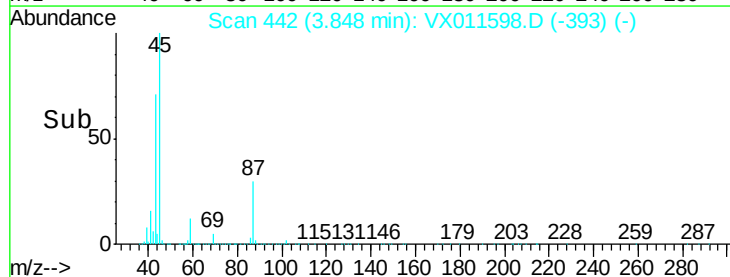
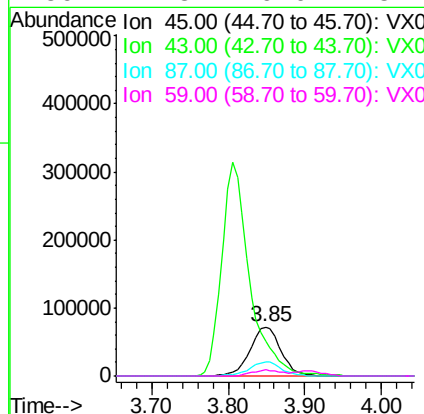
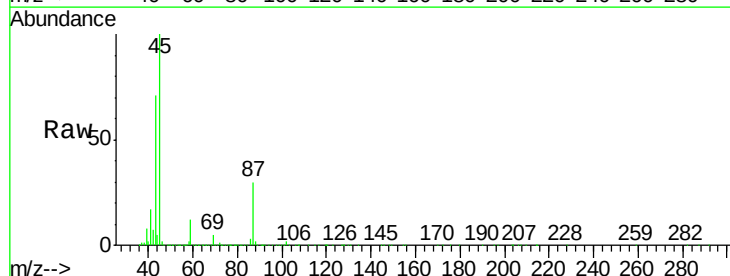
RT: 3.85 min Scan# 442

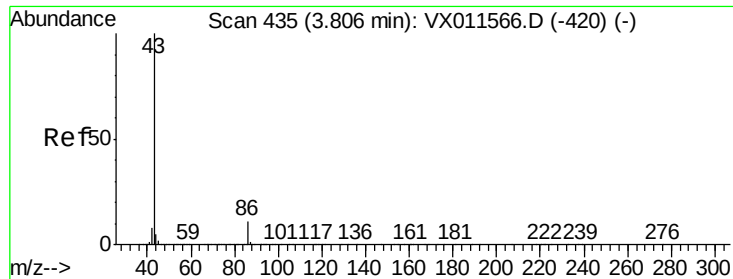
Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	45	Resp:	201301
Ion Ratio	Lower	Upper	
45	100		
43	71.2	52.7	79.1
87	29.8	23.5	35.3
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 101.102 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 43 Resp: 800431

Ion Ratio Lower Upper

43 100

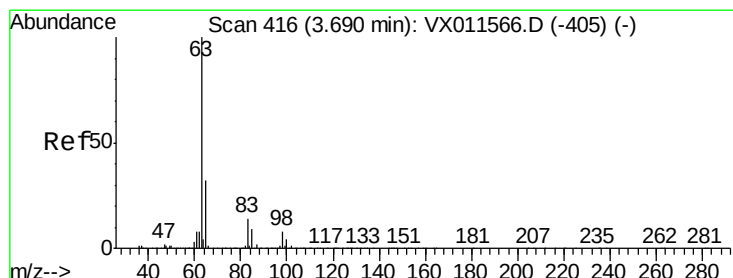
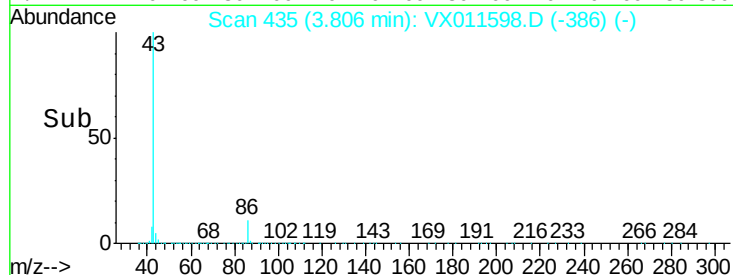
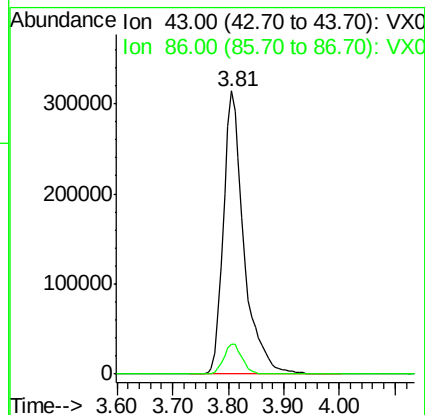
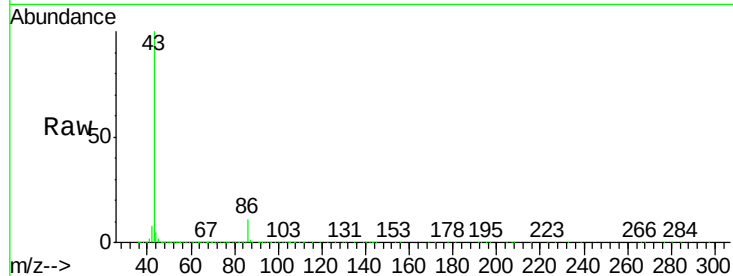
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 19.621 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

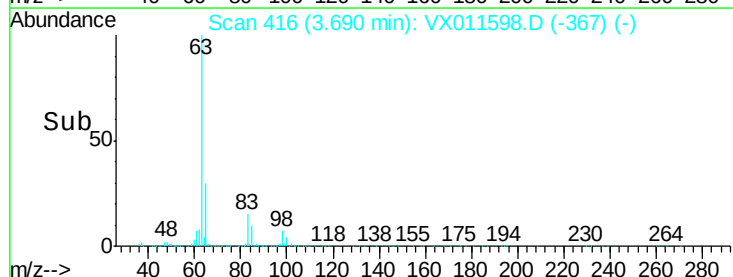
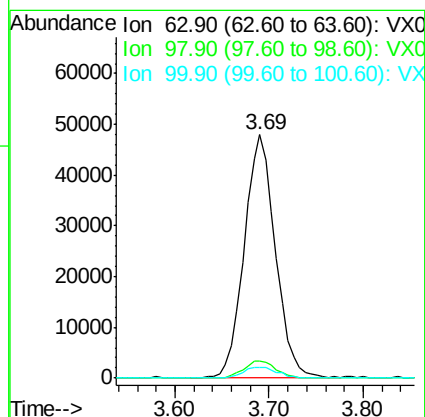
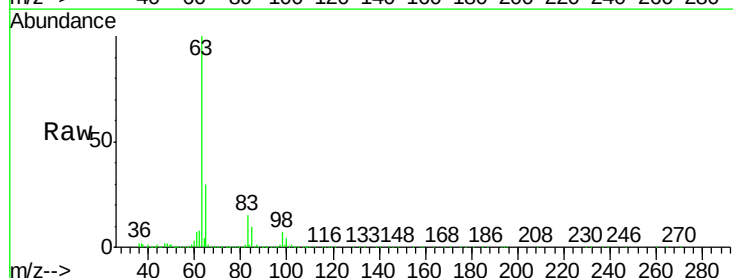
Tgt Ion: 63 Resp: 110910

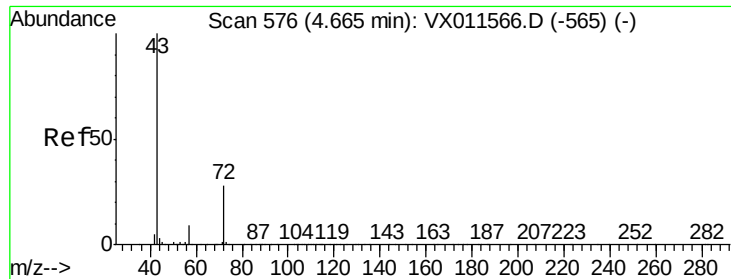
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 100.270 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 43 Resp: 259804

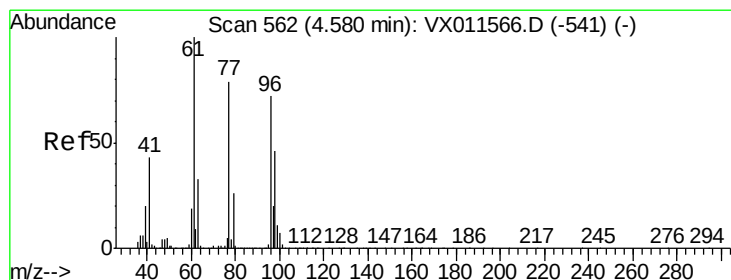
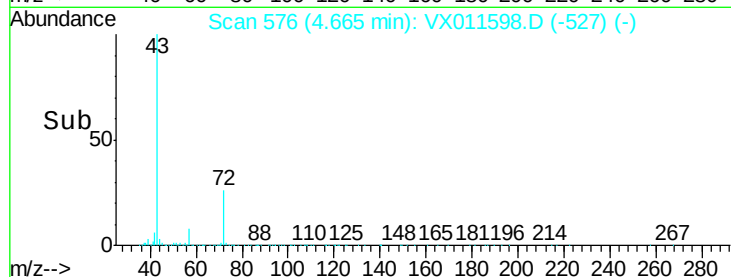
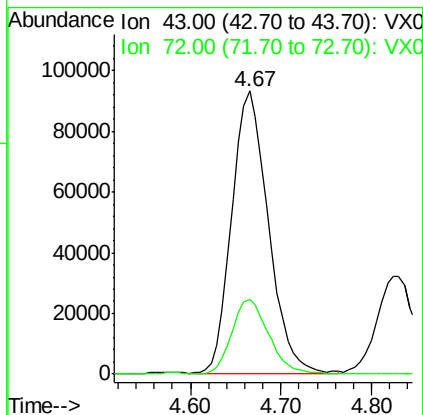
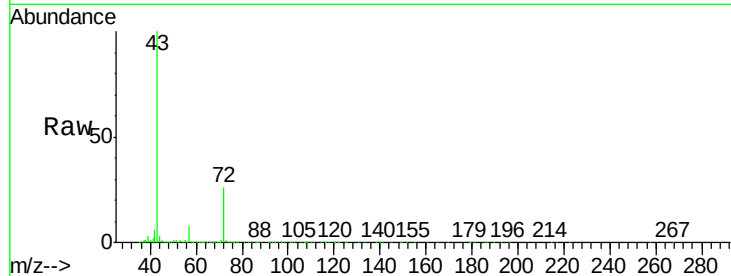
Ion Ratio Lower Upper

43 100

72 26.2 22.2 33.4

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#26

2,2-Dichloropropane

Concen: 16.120 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011598.D

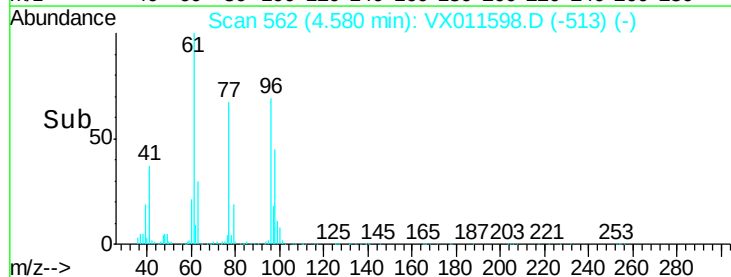
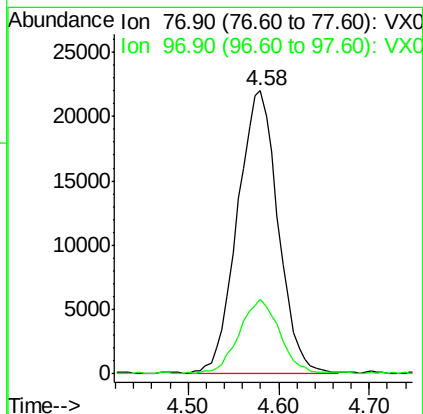
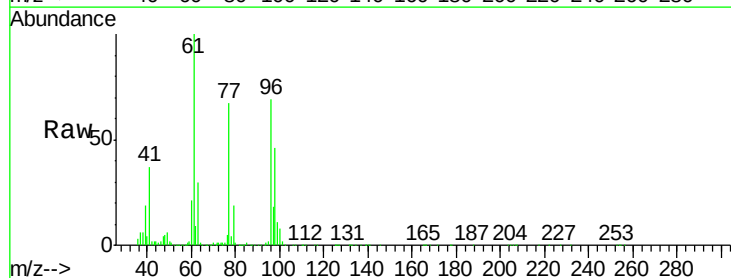
Acq: 16 Aug 2019 23:03

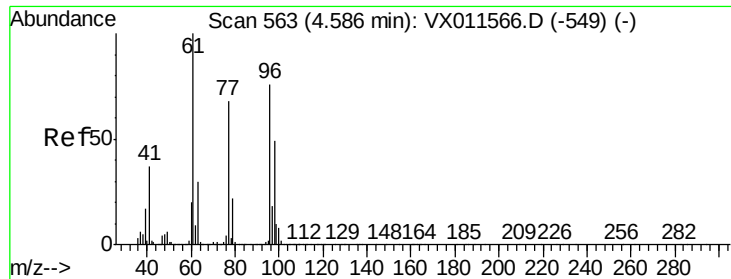
Tgt Ion: 77 Resp: 68581

Ion Ratio Lower Upper

77 100

97 26.3 12.4 37.2





#27

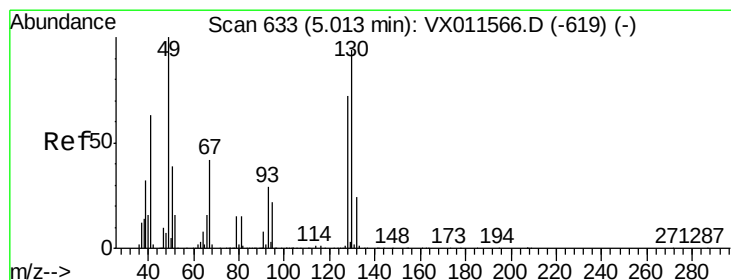
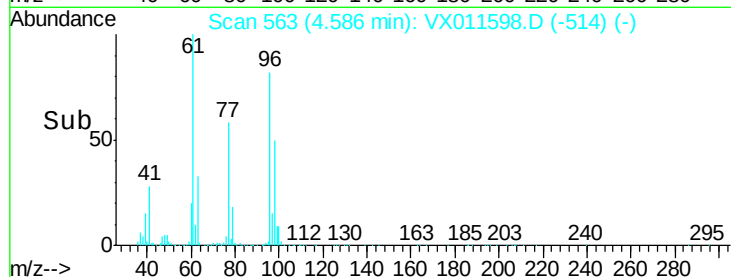
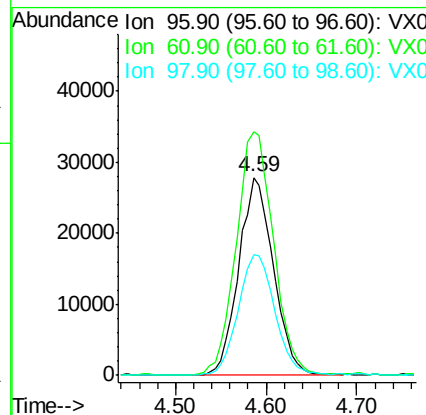
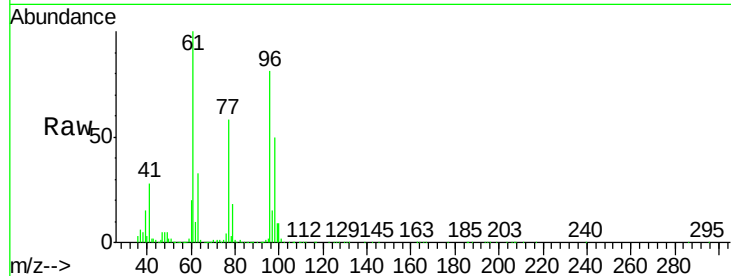
cis-1,2-Dichloroethene
Concen: 19.933 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	272.6
98	64.1	0.0	129.4

Manual Integrations
APPROVED

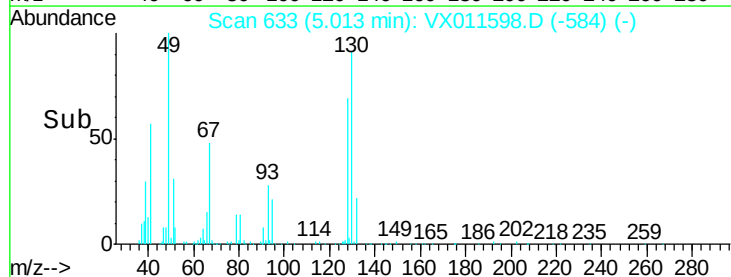
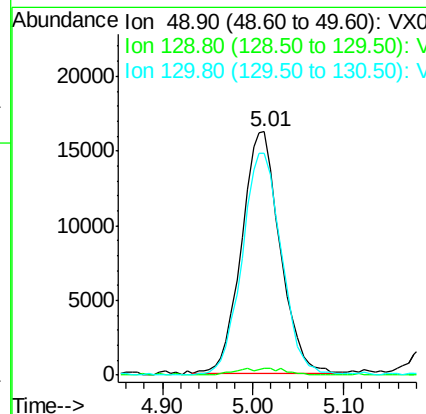
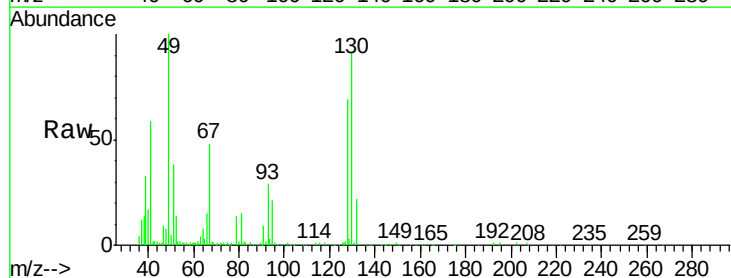
MMDadoda
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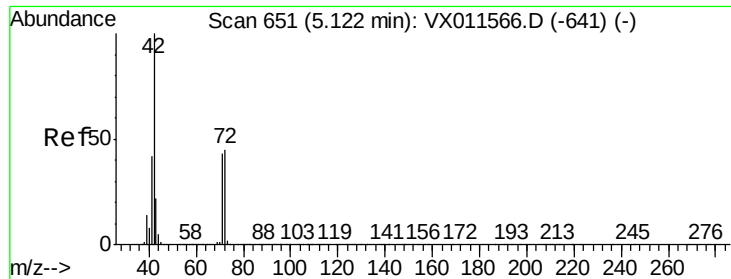


#28

Bromochloromethane
Concen: 19.096 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	94.7	76.6	115.0





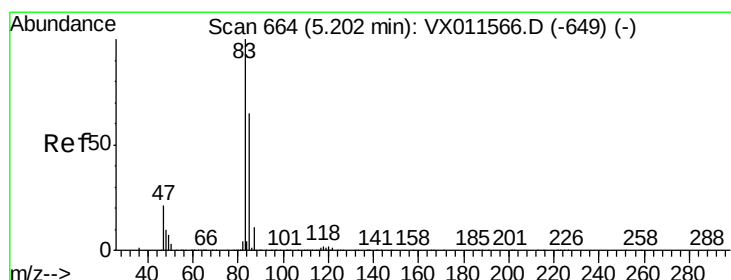
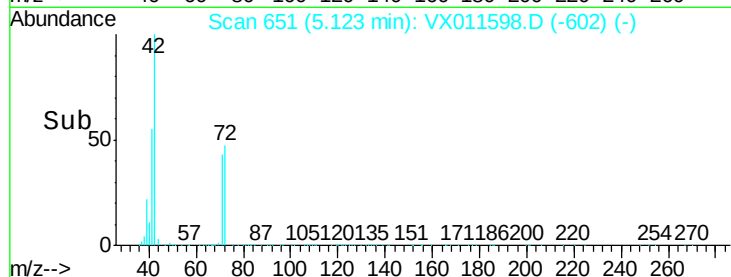
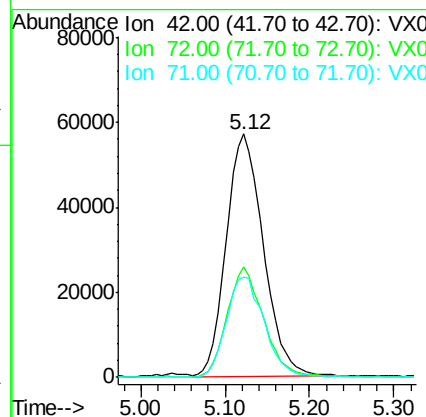
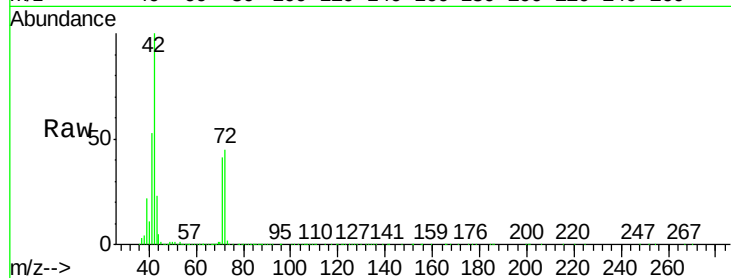
#29
Tetrahydrofuran
Concen: 100.258 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.1	54.1
71	42.6	33.8	50.8

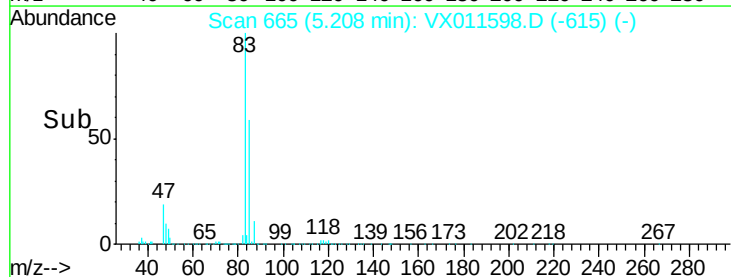
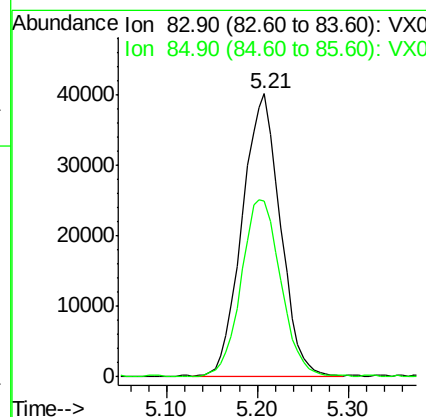
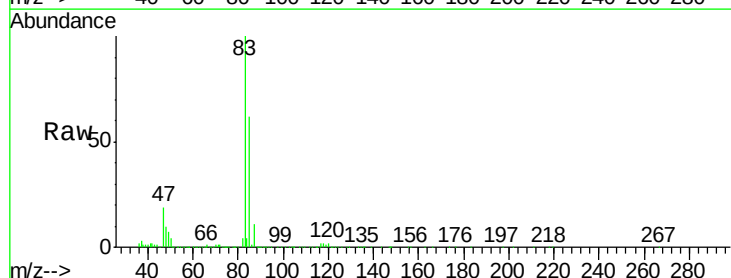
Manual Integrations
APPROVED

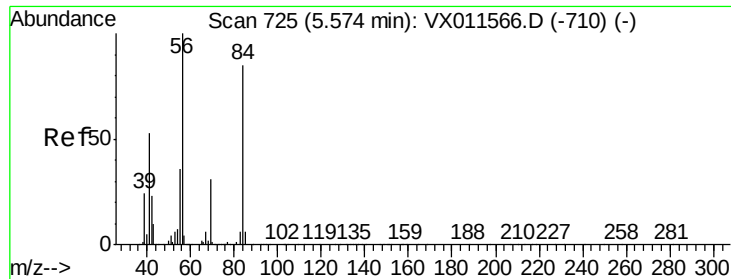
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#30
Chloroform
Concen: 19.564 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.9	77.9





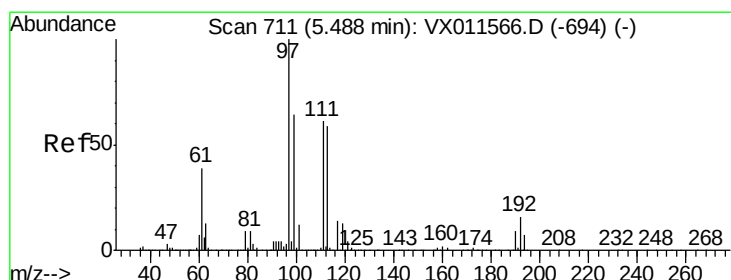
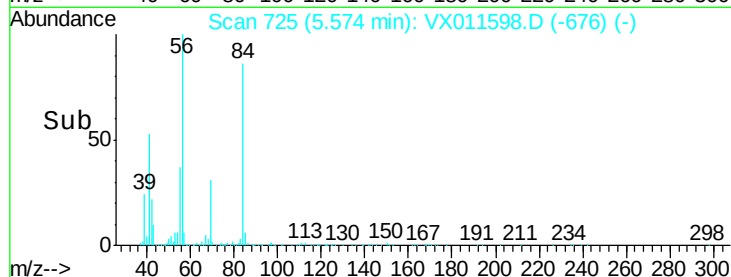
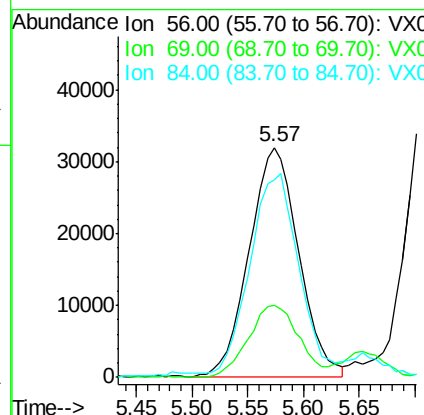
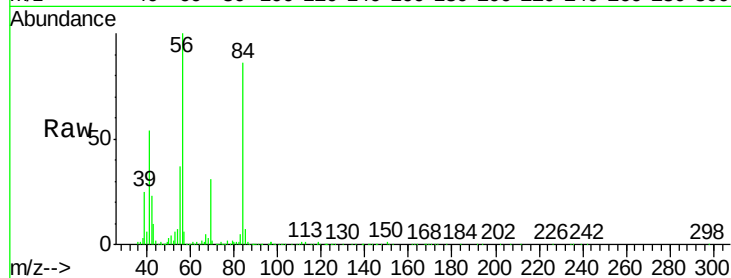
#31
Cyclohexane
Concen: 20.372 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.8	37.2
84	84.5	67.9	101.9

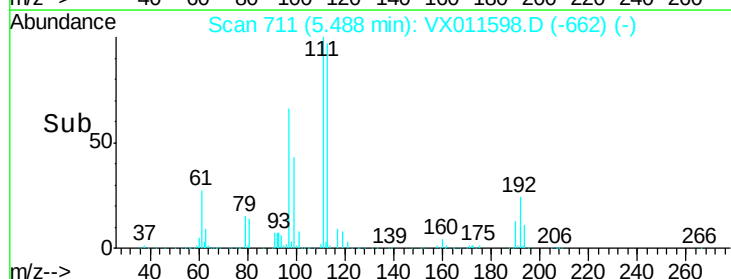
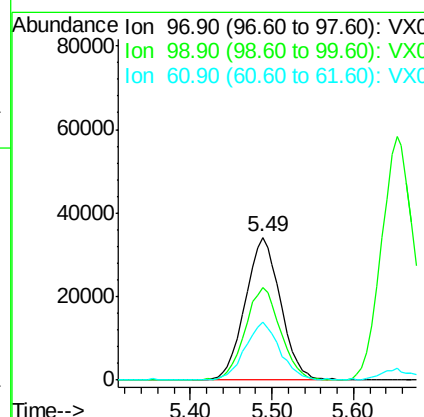
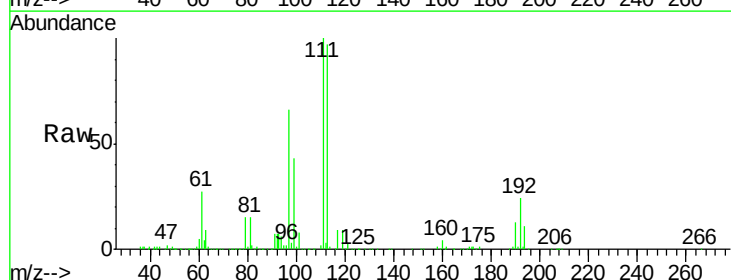
Manual Integrations
APPROVED

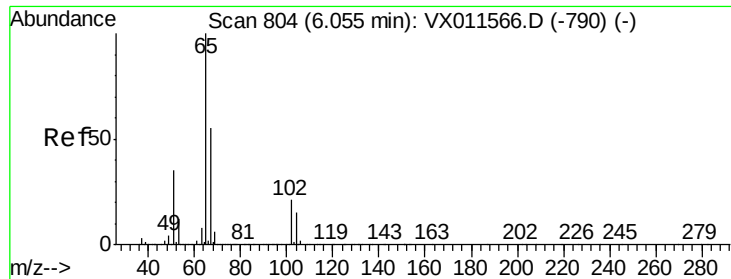
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#32
1,1,1-Trichloroethane
Concen: 20.016 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	39.8	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 47.071 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 65 Resp: 154504

Ion Ratio Lower Upper

65 100

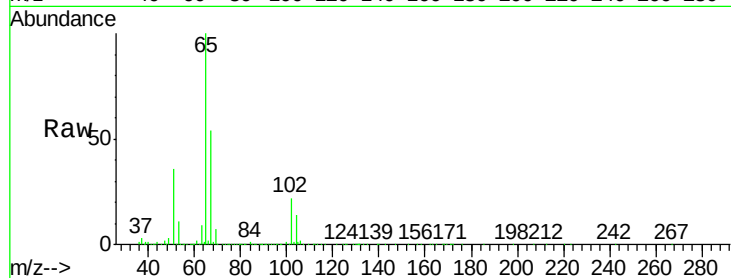
67 52.8 0.0 107.6

Manual Integrations

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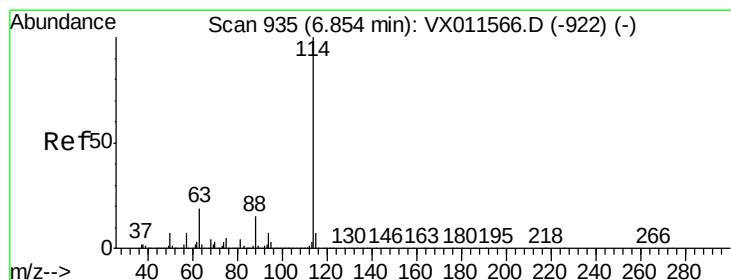
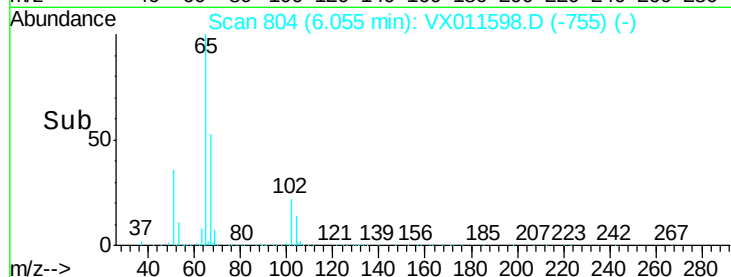
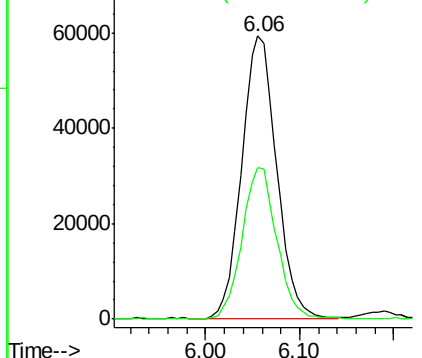
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

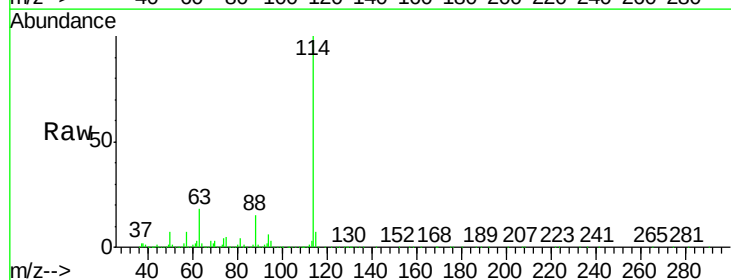
Tgt Ion: 114 Resp: 498790

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

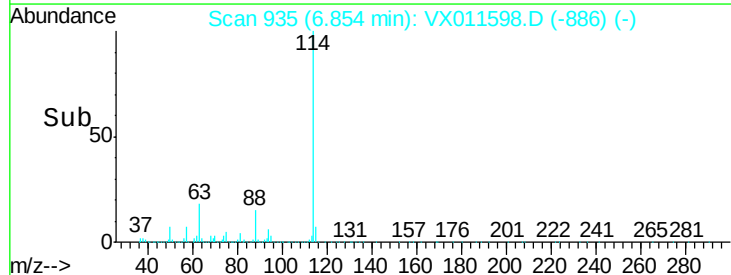
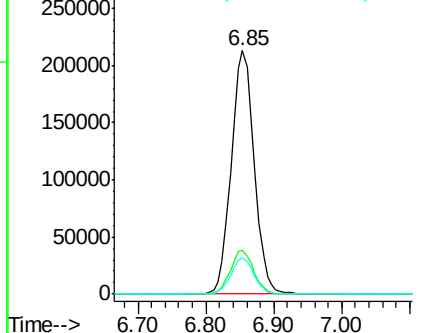
88 14.9 0.0 30.2

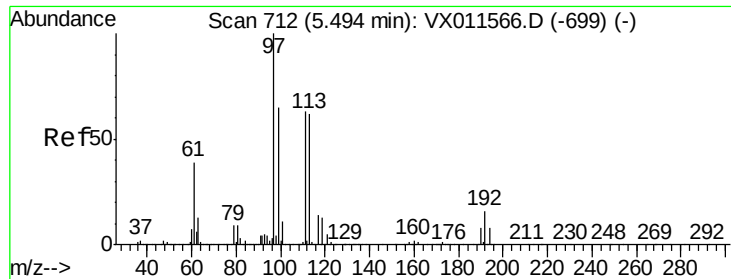


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.347 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

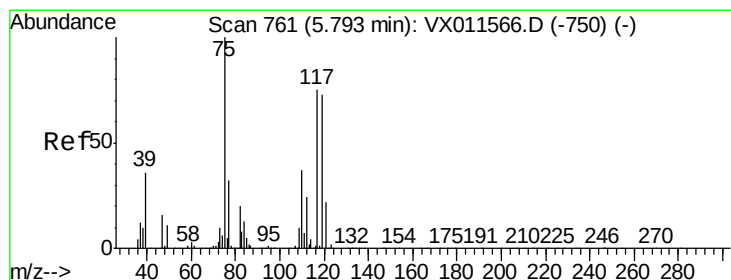
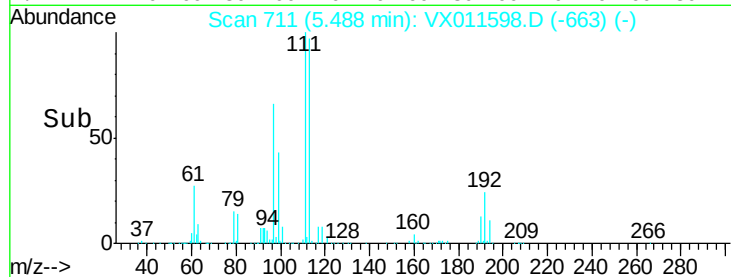
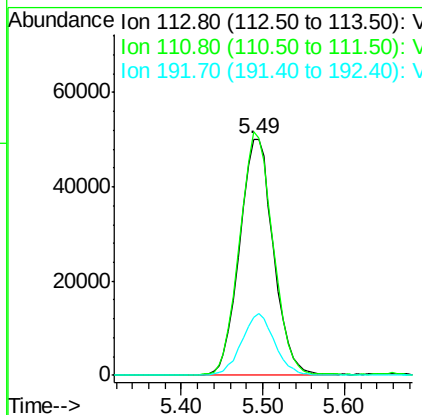
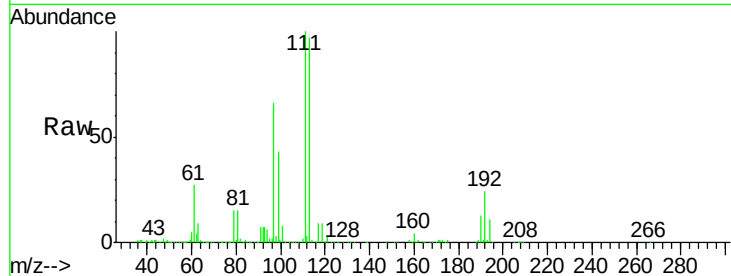
ClientSampleId :

VX0816WBS02

Tot Ion:	113	Resp:	144679
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.1	121.7
192	25.6	20.8	31.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.855 ug/l

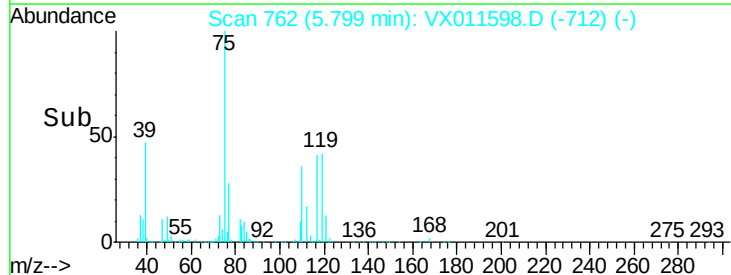
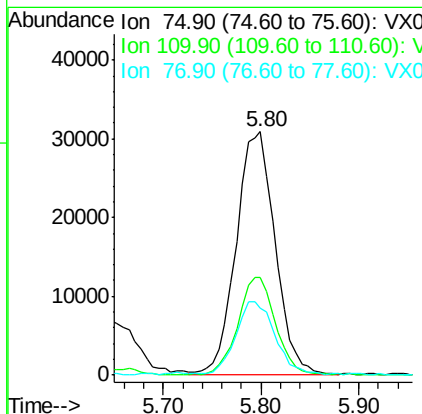
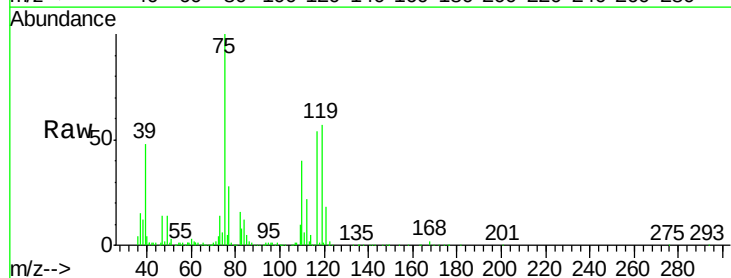
RT: 5.80 min Scan# 762

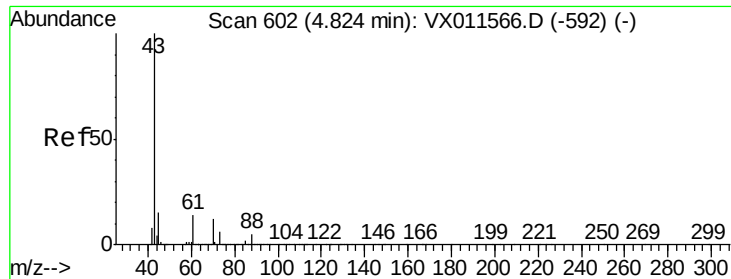
Delta R.T. 0.01 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	75	Resp:	84672
Ion Ratio	Lower	Upper	
75	100		
110	39.9	19.4	58.1
77	30.2	25.1	37.7





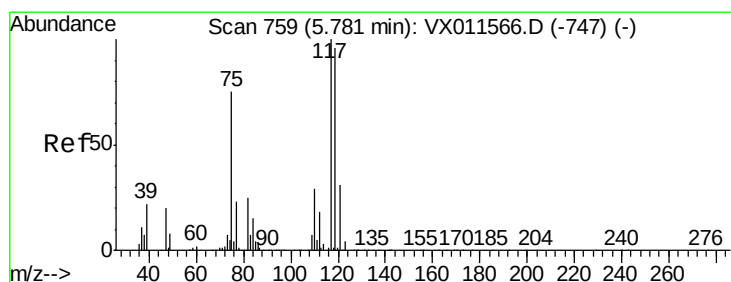
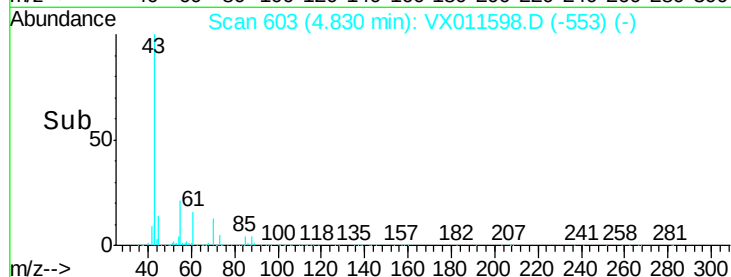
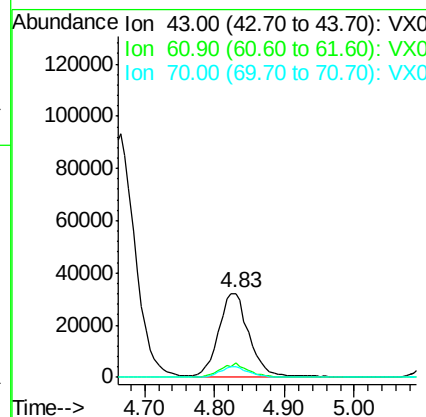
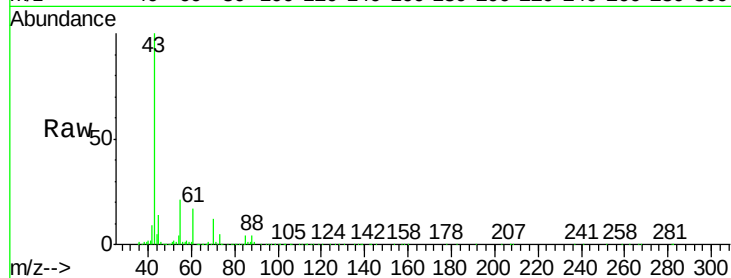
#37
Ethyl Acetate
Concen: 19.592 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	11.4	9.0	13.6

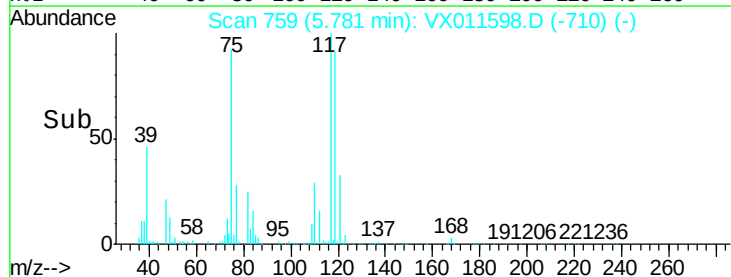
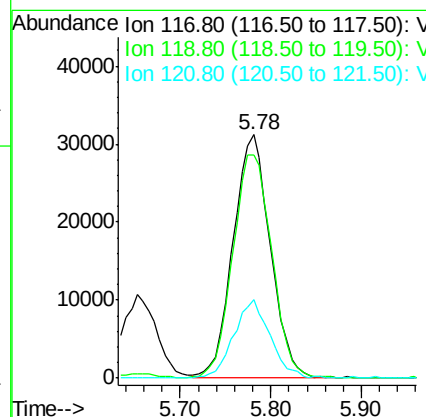
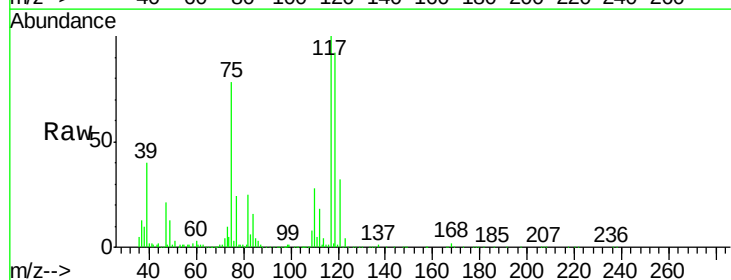
Manual Integrations
APPROVED

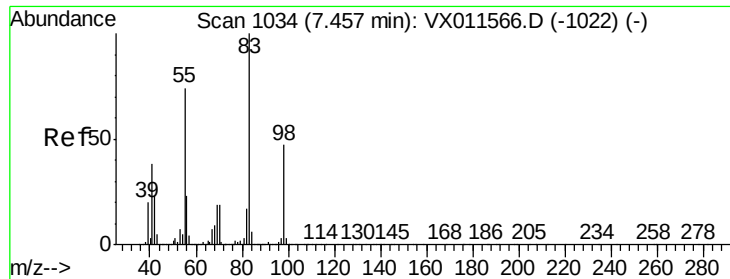
MMDadoda
8/19/2019 10:29:12 AM



#38
Carbon Tetrachloride
Concen: 18.877 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.9	115.3
121	32.1	24.8	37.2





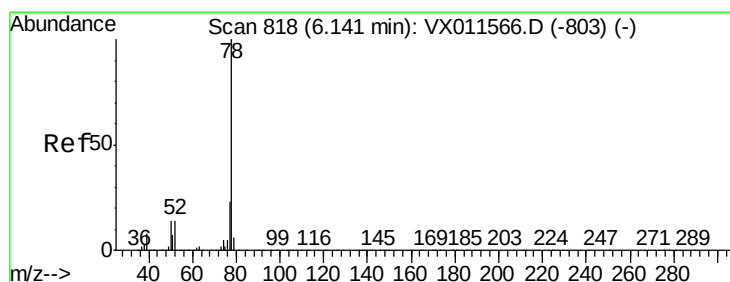
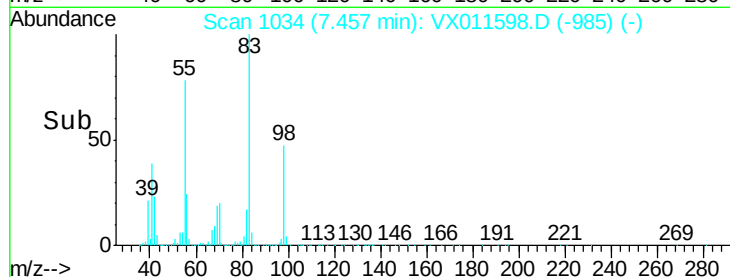
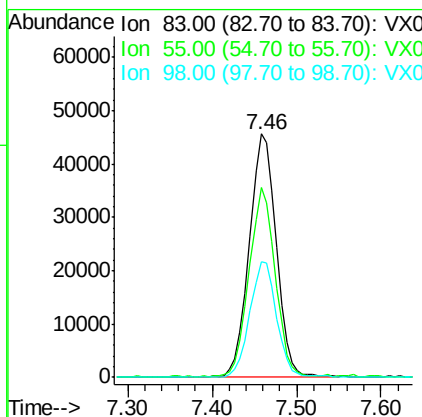
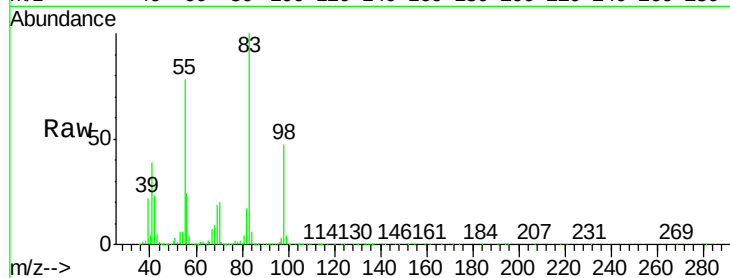
#39
Methylvlcyclohexane
Concen: 18.711 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	58.8	88.2
98	47.3	37.8	56.6

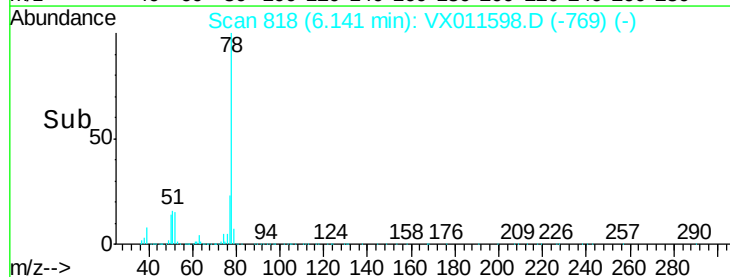
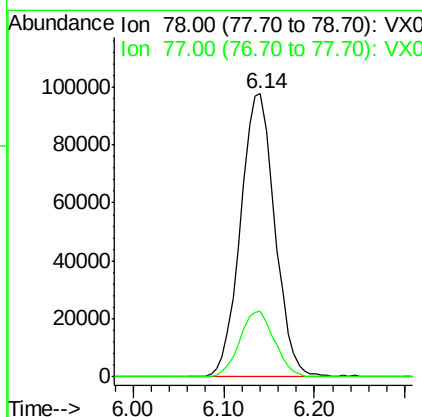
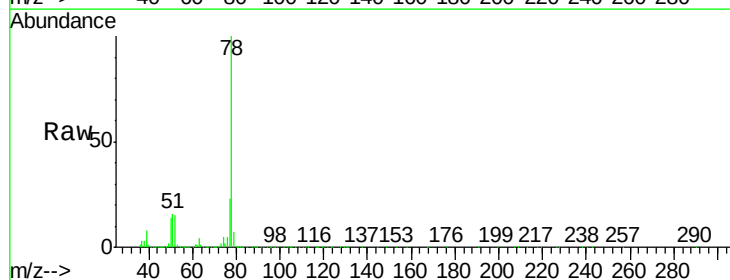
Manual Integrations
APPROVED

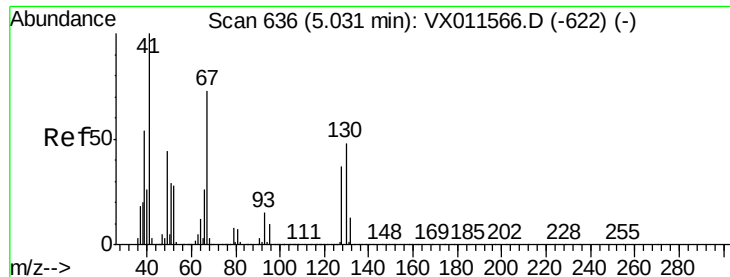
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#40
Benzene
Concen: 19.248 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





#41

Methacrylonitrile

Concen: 20.136 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

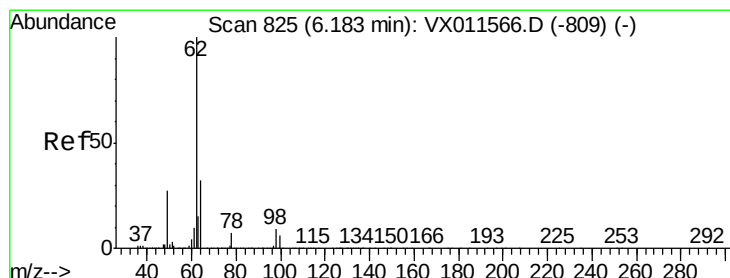
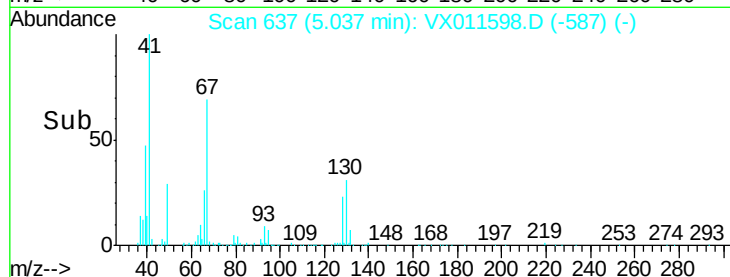
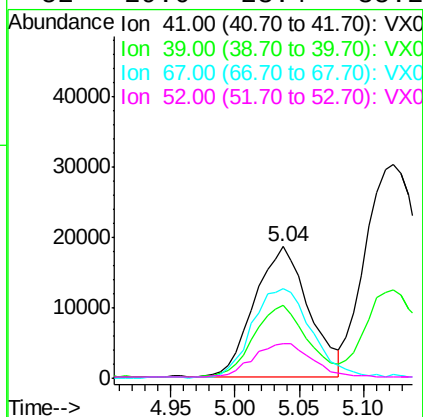
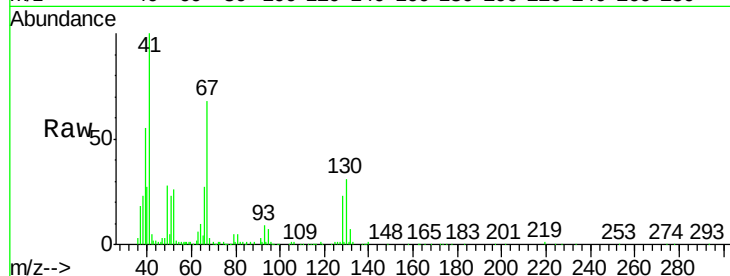
ClientSampleId :

VX0816WBS02

Tot Ion:	41	Resp:	54359
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.5	65.3
67	74.1	59.4	89.2
52	29.0	23.4	35.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.299 ug/l

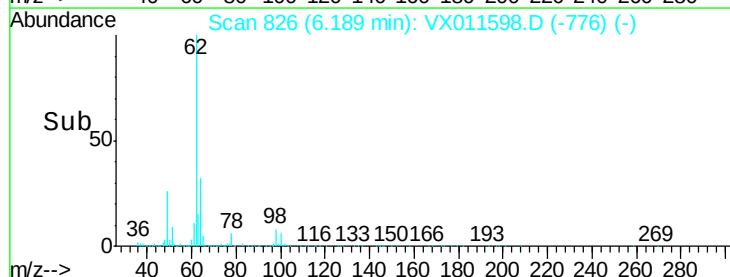
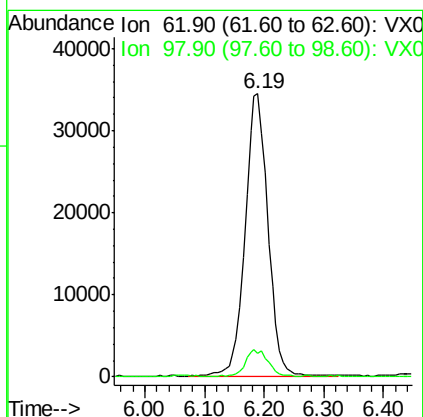
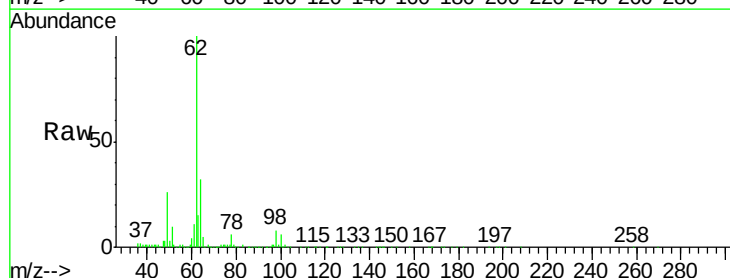
RT: 6.19 min Scan# 826

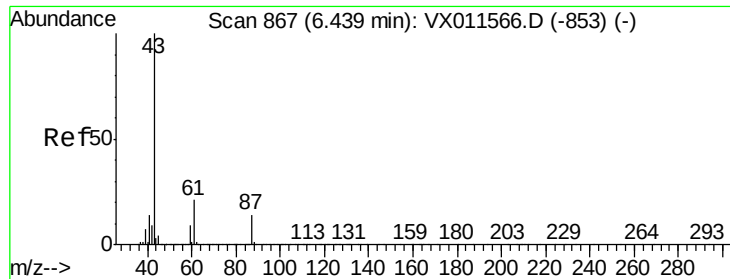
Delta R.T. 0.01 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	62	Resp:	93202
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.522 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

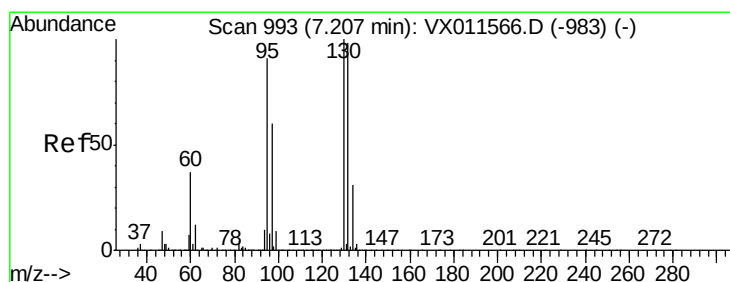
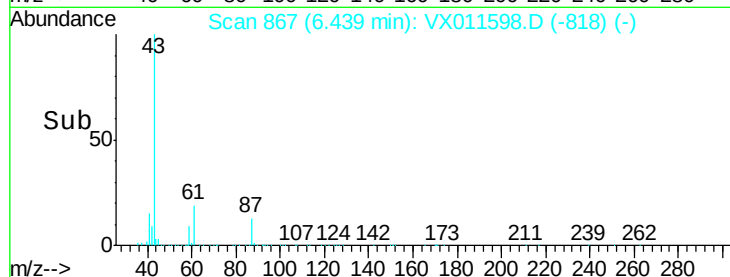
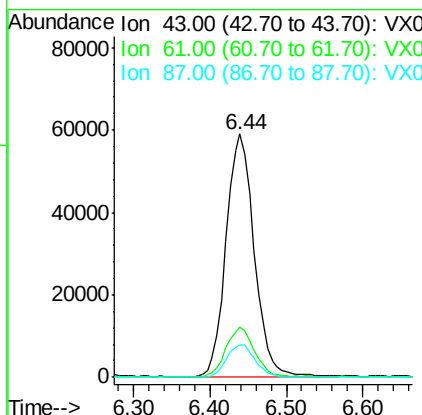
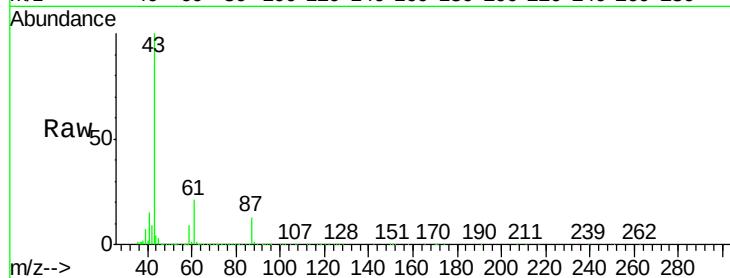
ClientSampleId :

VX0816WBS02

Tot Ion:	43	Resp:	149437
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.6	24.8
87	13.9	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.346 ug/l

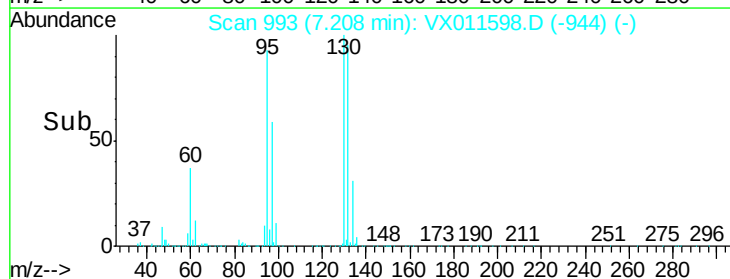
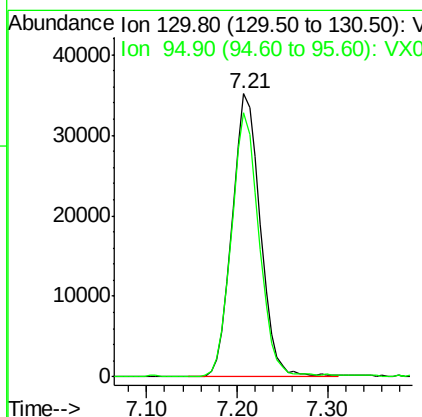
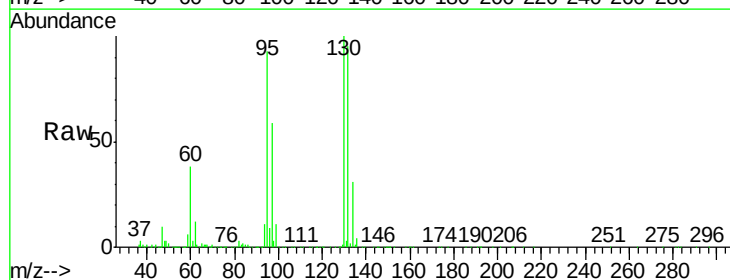
RT: 7.21 min Scan# 993

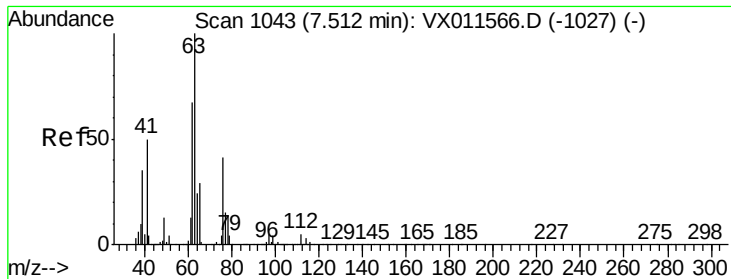
Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	130	Resp:	76057
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	181.4





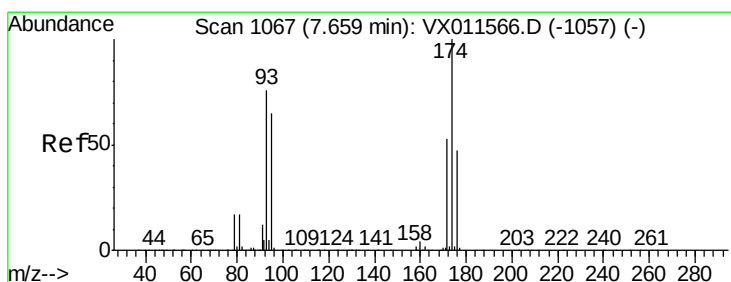
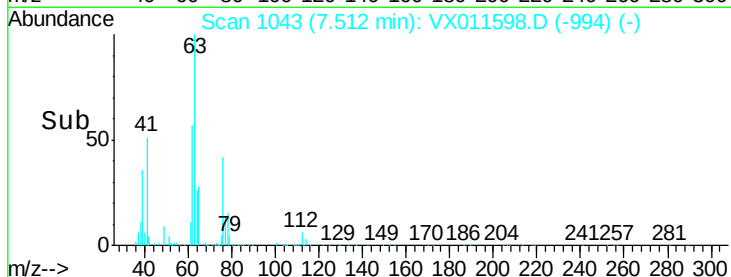
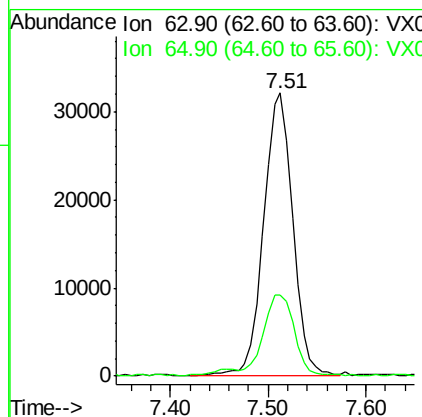
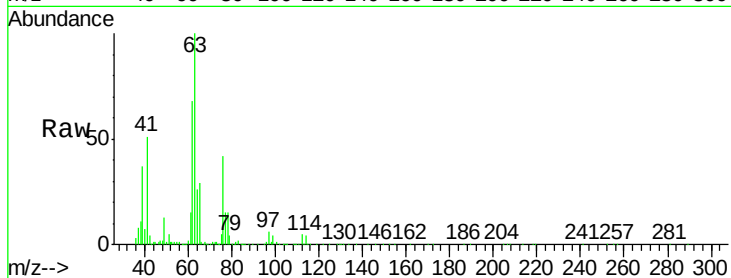
#45
 1,2-Dichloropropane
 Concen: 20.270 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.4	23.4	35.2

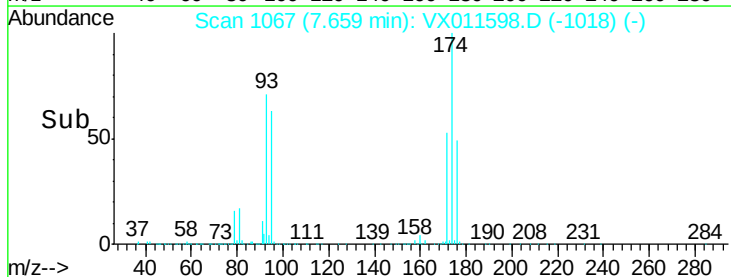
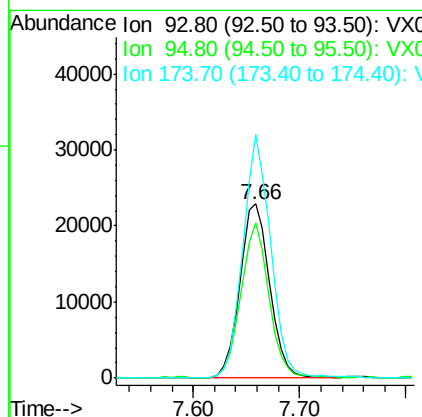
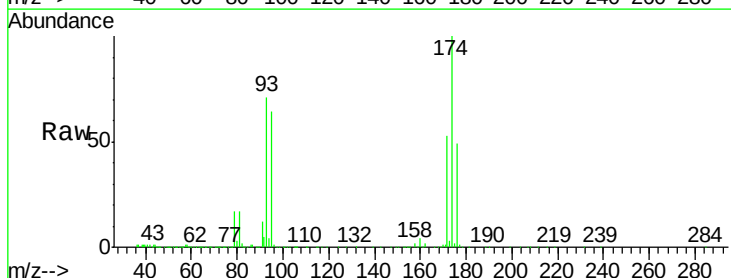
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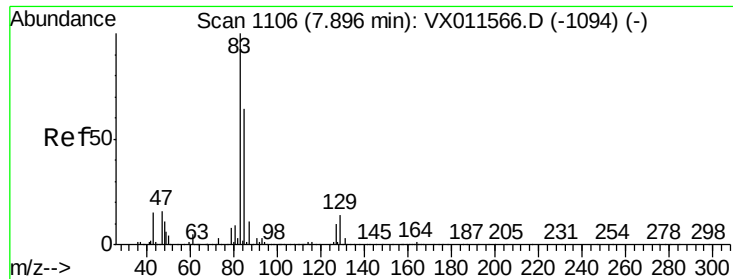
MMDadoda
 8/19/2019 10:29:12 AM



#46
 Dibromomethane
 Concen: 18.964 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.2	100.8
174	130.3	105.5	158.3





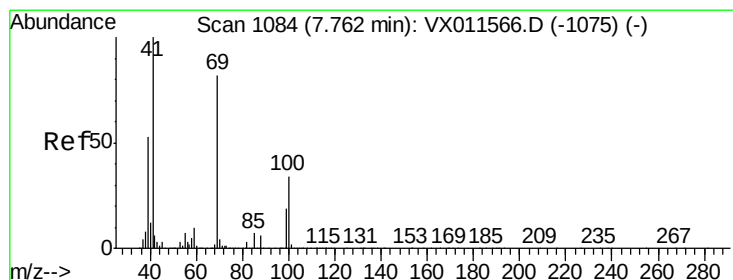
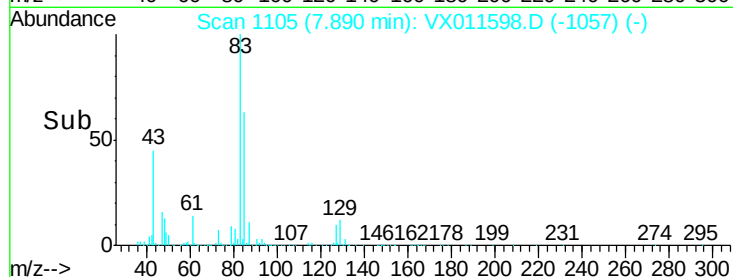
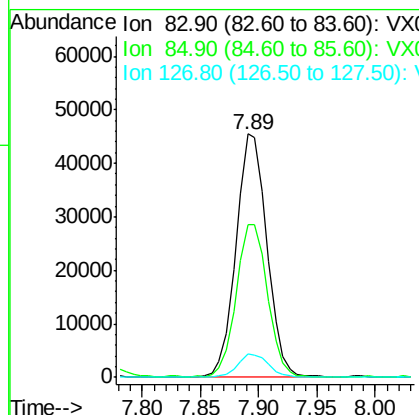
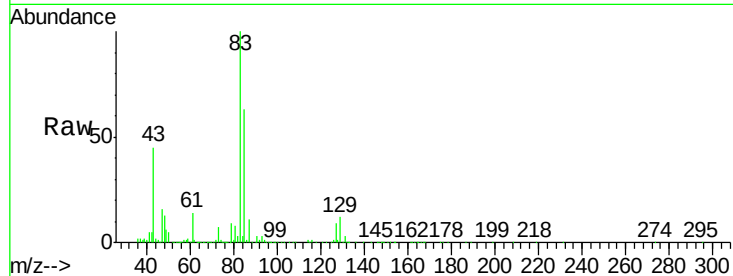
#47
Bromodichloromethane
Concen: 19.062 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	62.8	51.2	76.8	
127	9.5	8.1	12.1	

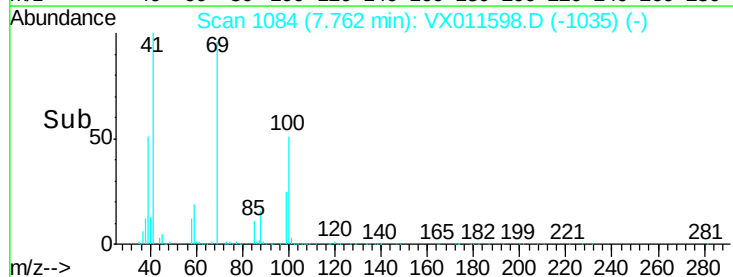
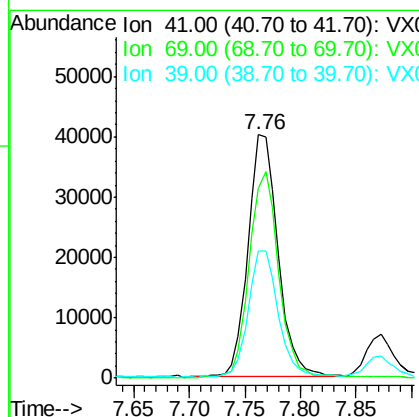
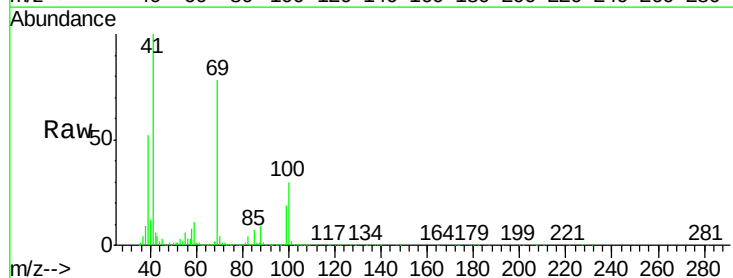
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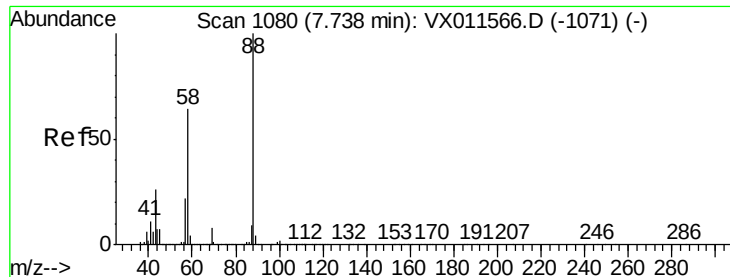
MMDadoda
8/19/2019 10:29:12 AM



#48
Methyl methacrylate
Concen: 20.006 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	84.9	67.9	101.9	
39	53.8	41.6	62.4	





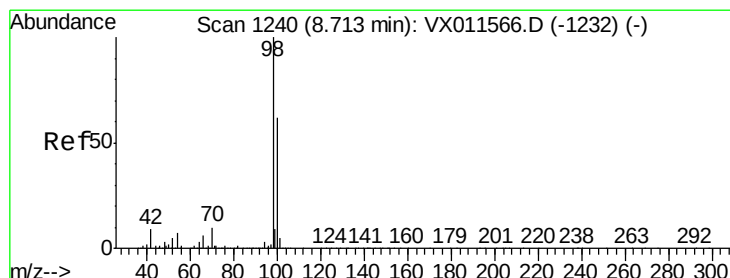
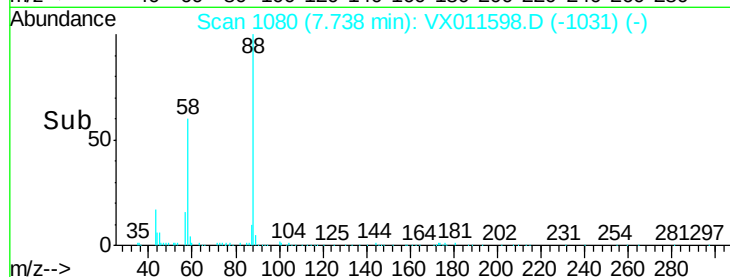
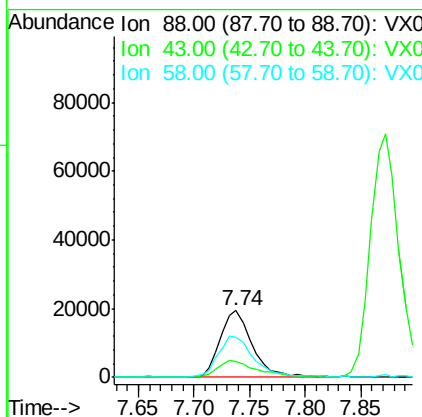
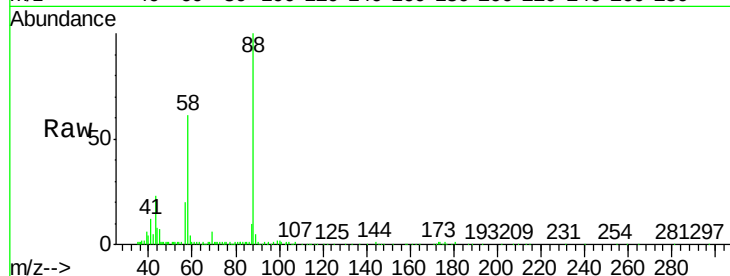
#49
1,4-Dioxane
Concen: 384.378 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	23.4	35.0
58	67.8	54.3	81.5

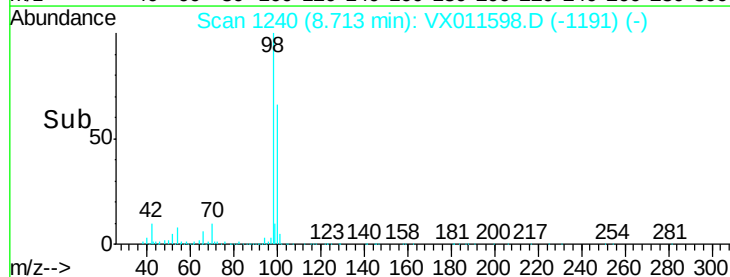
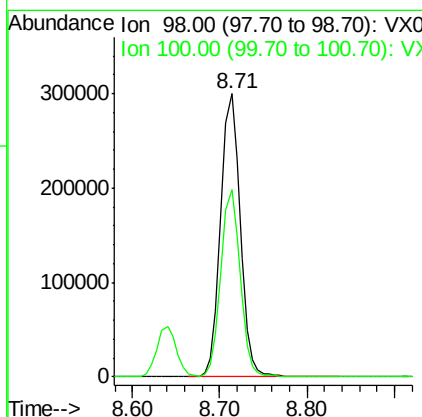
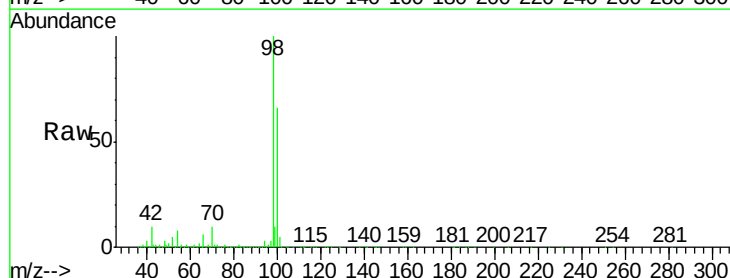
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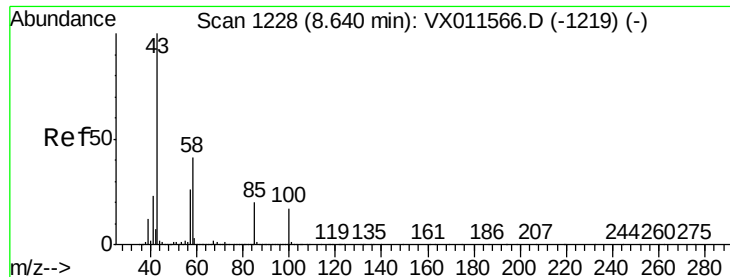
MMDadoda
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#50
Toluene-d8
Concen: 45.992 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





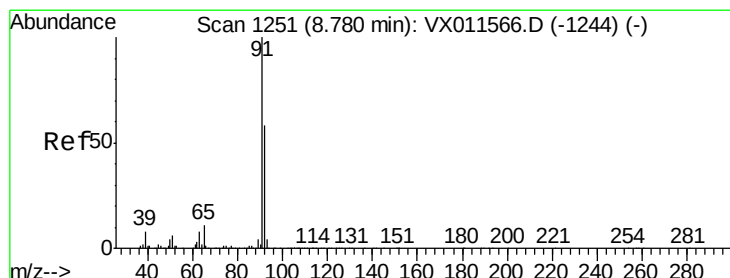
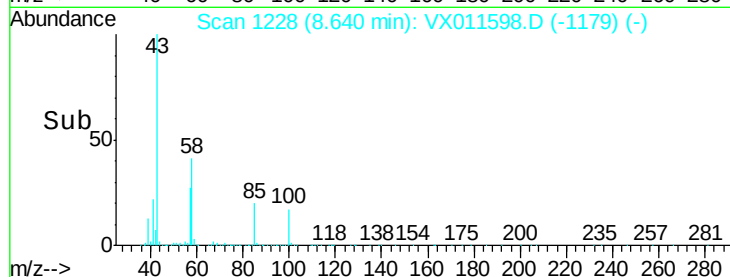
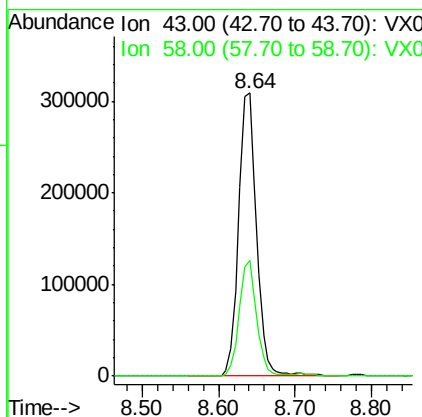
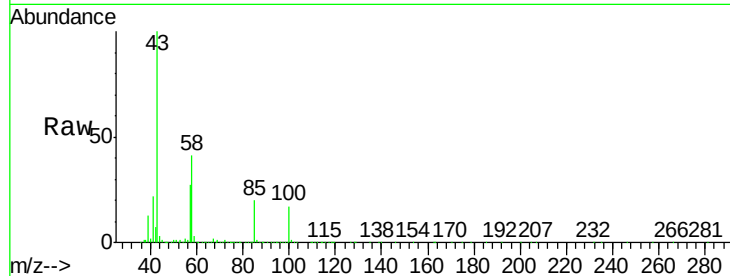
#51
4-Methyl-2-Pentanone
Concen: 100.505 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.8	47.6

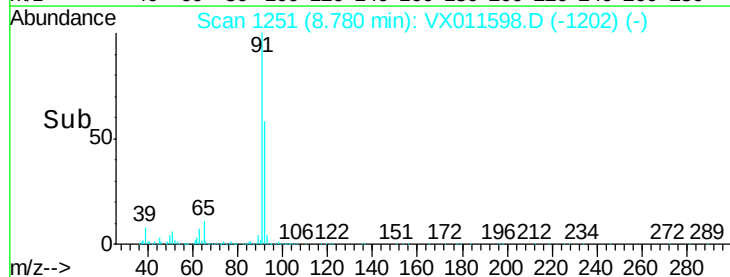
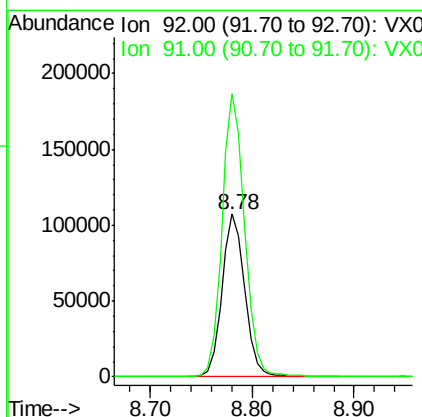
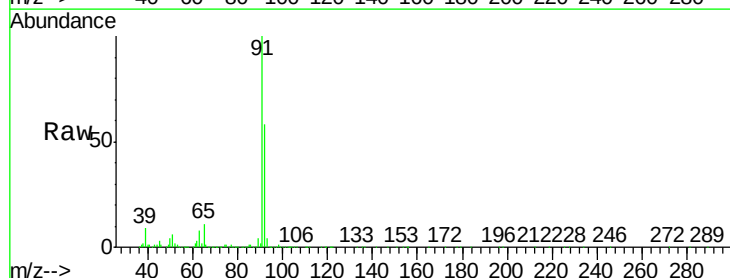
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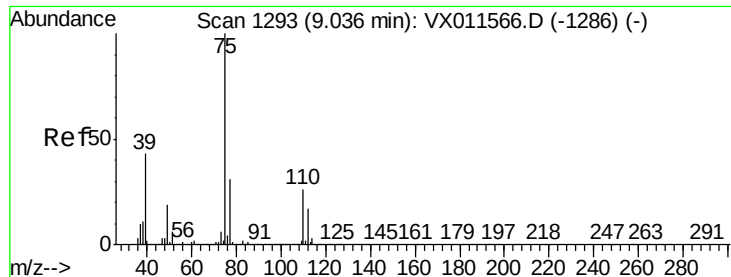
MMDadoda
8/19/2019 10:29:12 AM



#52
Toluene
Concen: 19.539 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.5	138.0	207.0





#53

t-1,3-Dichloropropene

Concen: 18.684 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 75 Resp: 85513

Ion Ratio Lower Upper

75 100

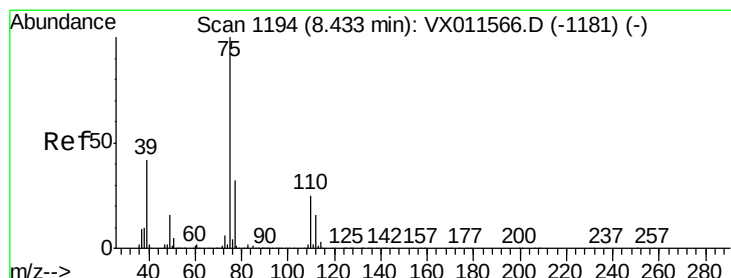
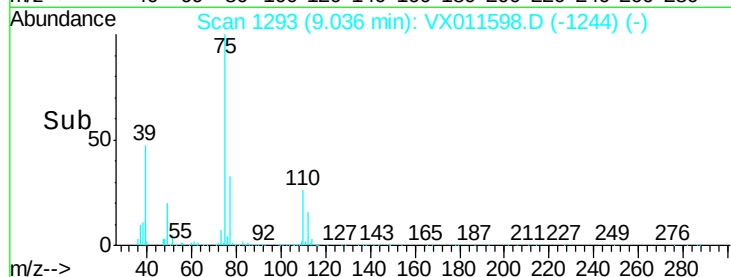
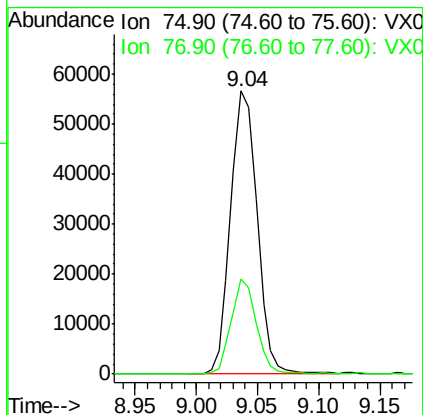
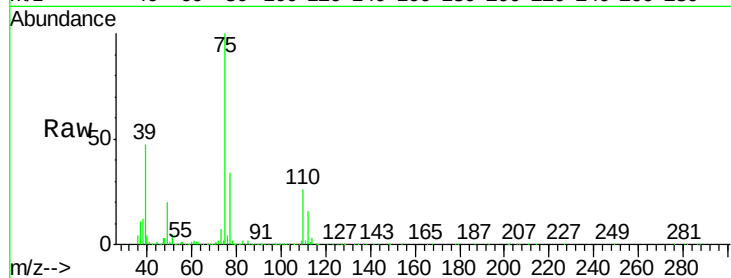
77 33.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.914 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

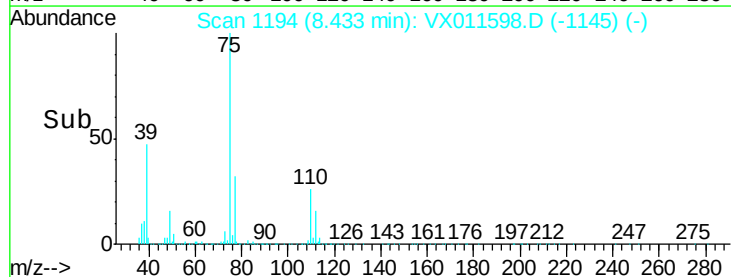
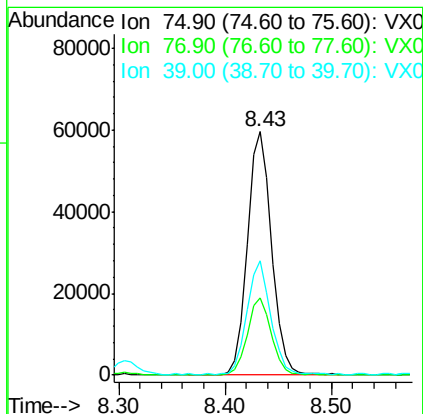
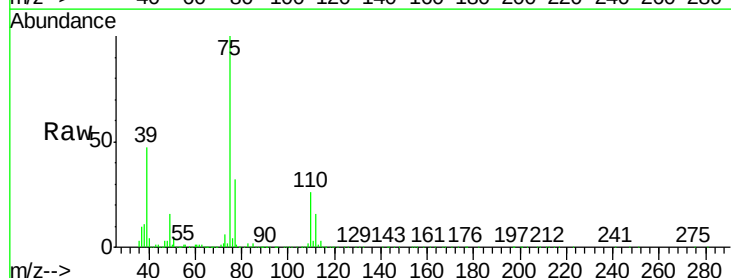
Tgt Ion: 75 Resp: 94733

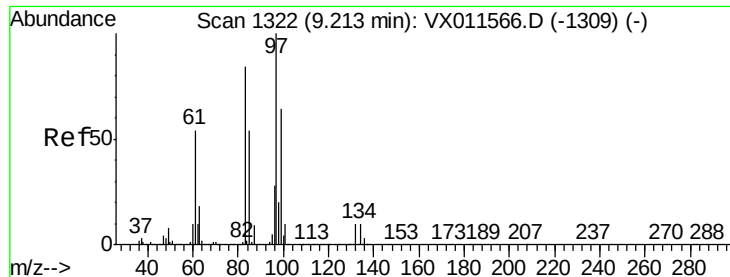
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 46.4 33.6 50.4





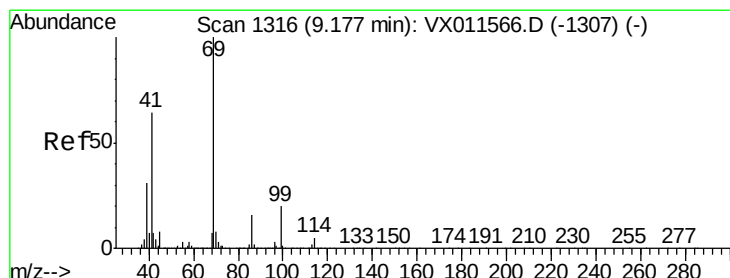
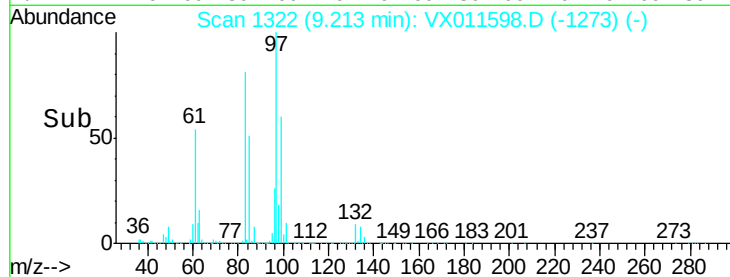
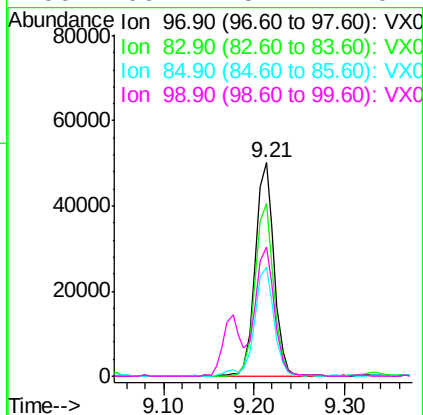
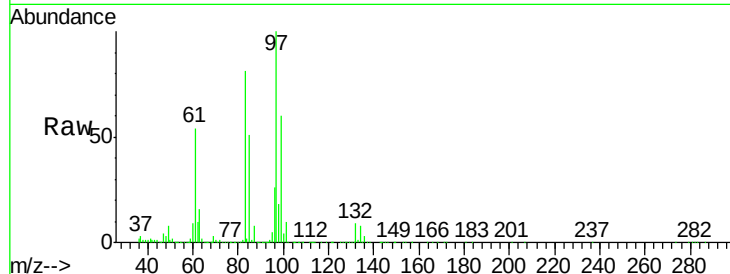
#55
 1,1,2-Trichloroethane
 Concen: 20.071 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
97	100	72065		
83	80.8		67.4	101.0
85	51.1		43.4	65.2
99	60.4		51.1	76.7

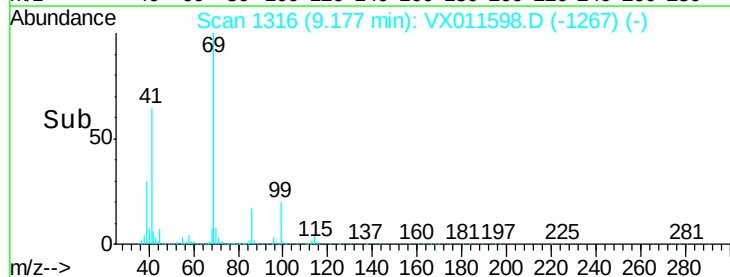
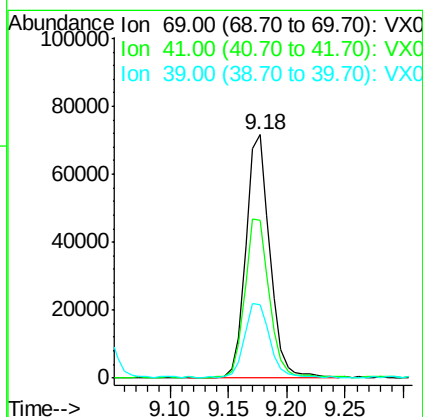
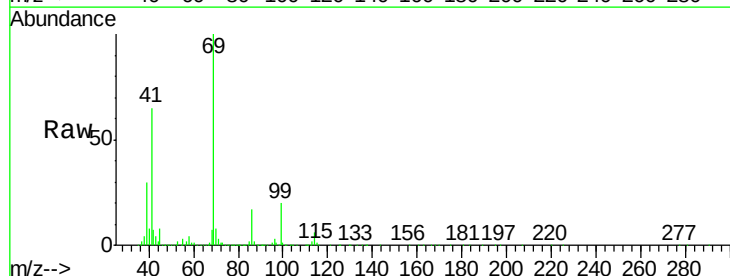
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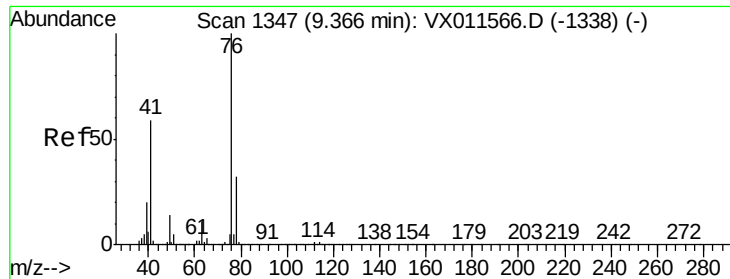
MMDadoda
 8/19/2019 10:29:12 AM



#56
 Ethyl methacrylate
 Concen: 19.840 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	103536		
41	66.1		52.1	78.1
39	31.8		25.4	38.0





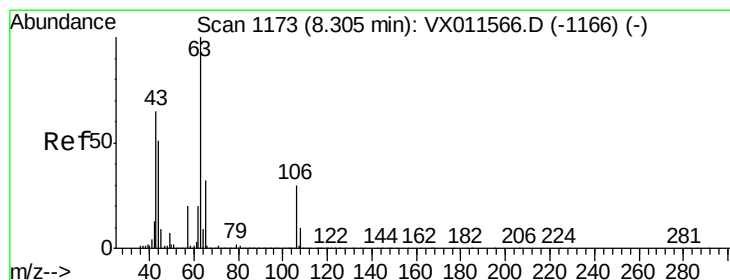
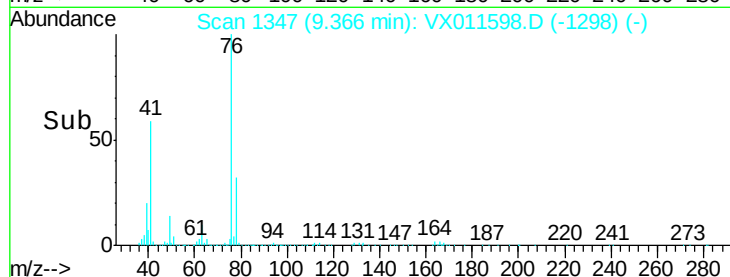
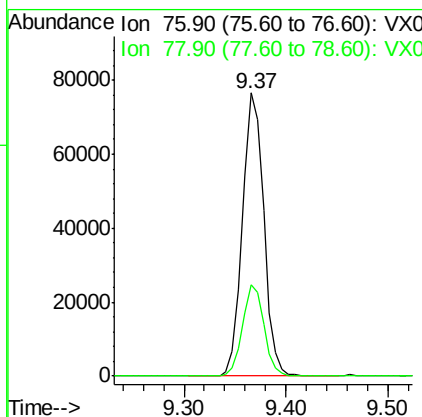
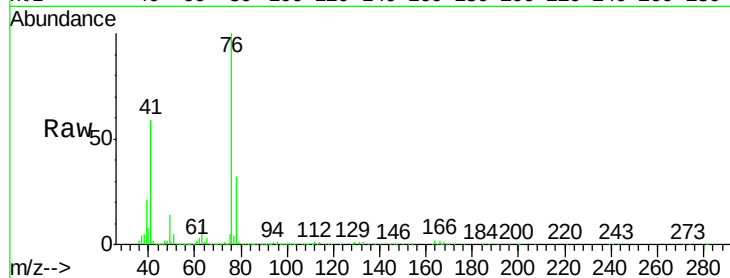
#57
 1,3-Dichloropropane
 Concen: 19.504 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.4

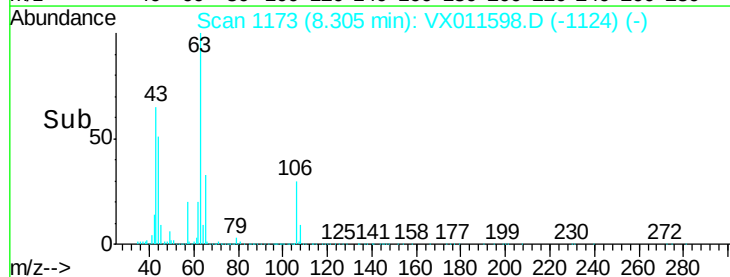
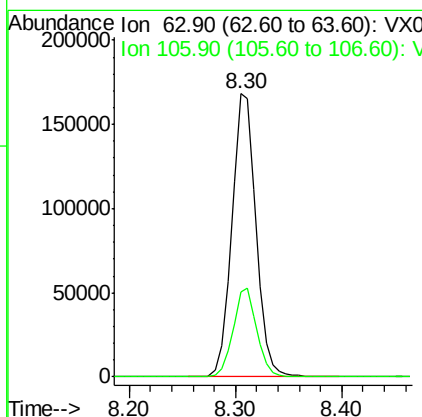
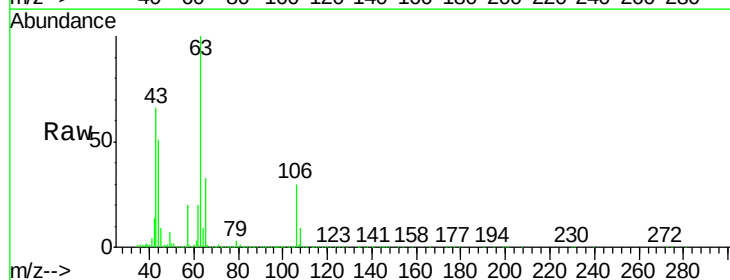
Manual Integrations
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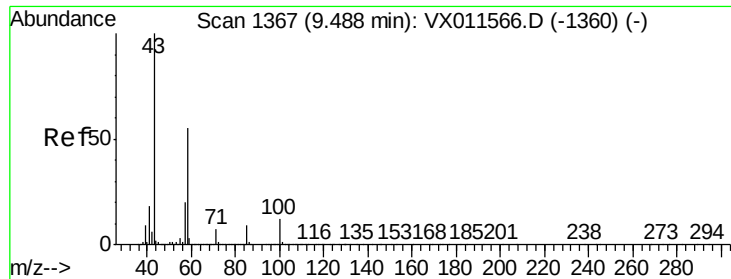
MMDadoda
 8/19/2019 10:29:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.444 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	24.7	37.1





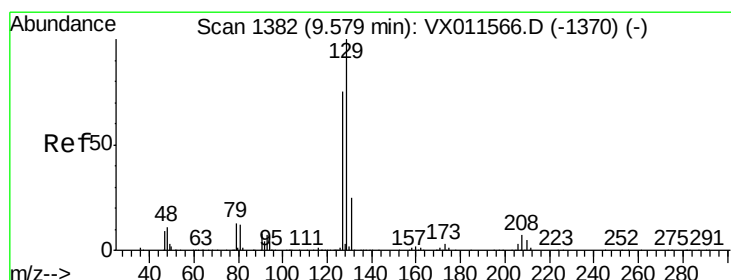
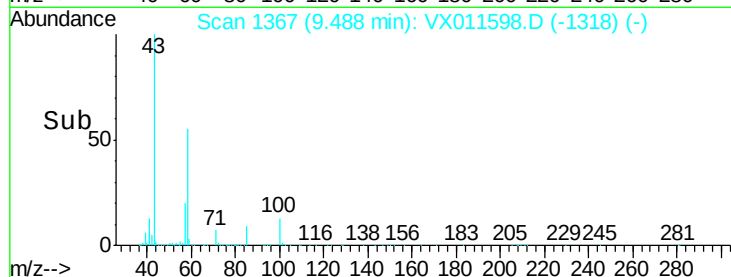
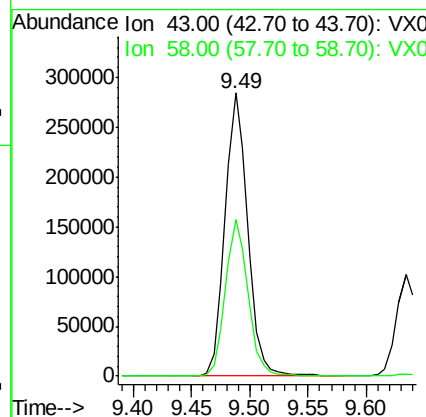
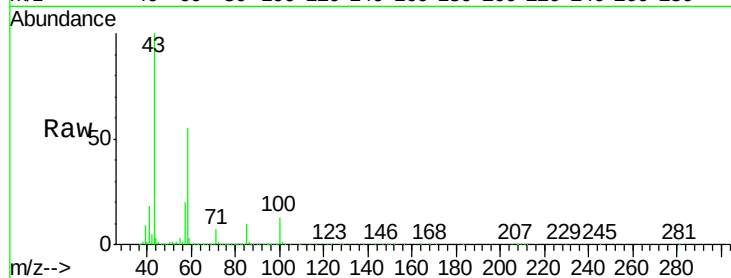
#59
2-Hexanone
Concen: 98.718 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.5	82.4

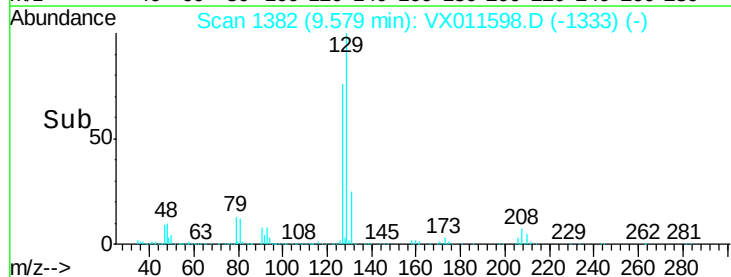
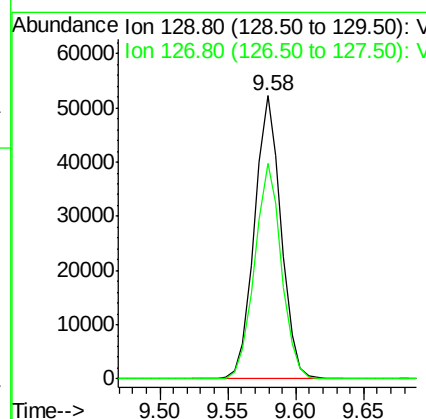
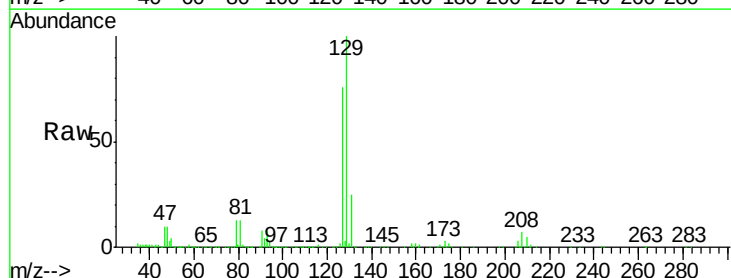
Manual Integrations
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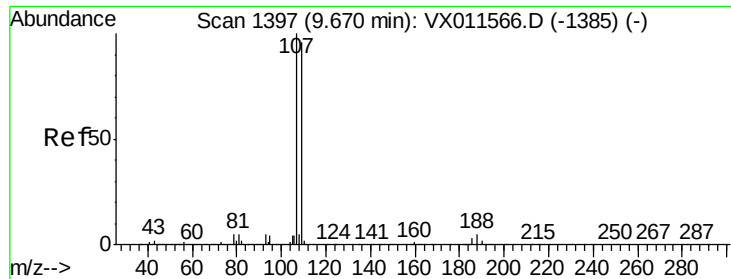
MMDadoda
8/19/2019 10:29:12 AM



#60
Dibromochloromethane
Concen: 19.214 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.0	114.1





#61

1,2-Dibromoethane

Concen: 19.573 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion:107 Resp: 75001

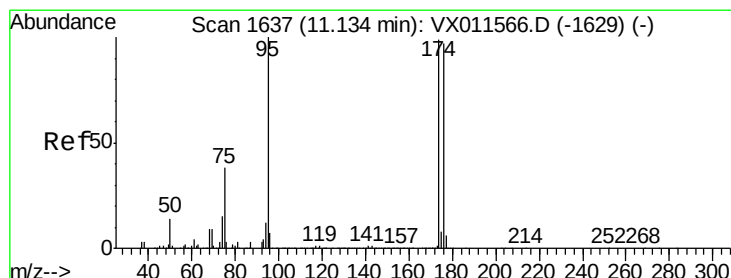
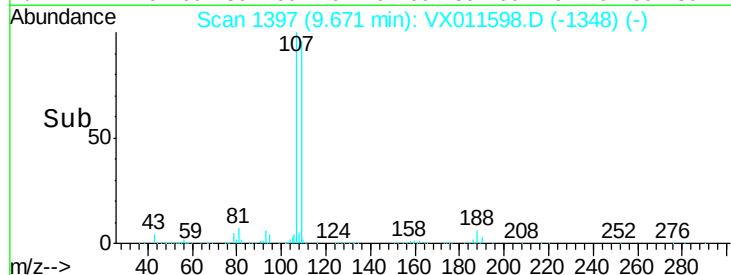
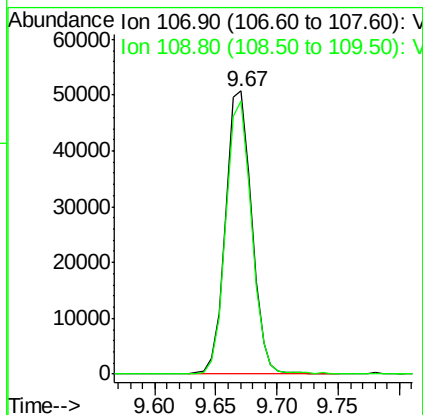
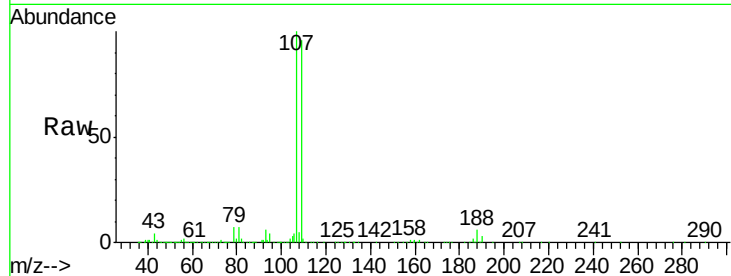
Ion Ratio Lower Upper

107 100

109 94.1 76.2 114.2

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 45.662 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

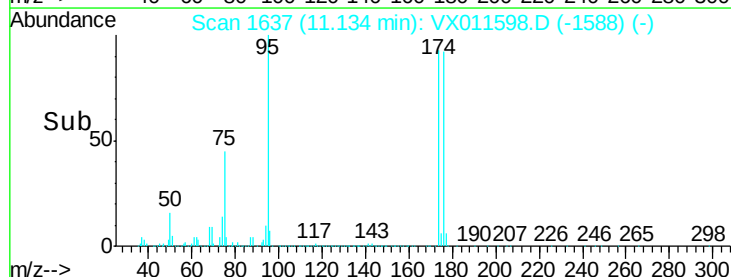
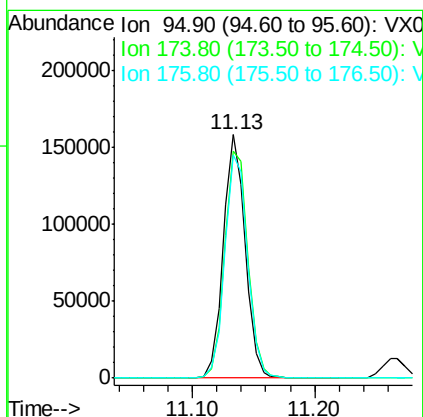
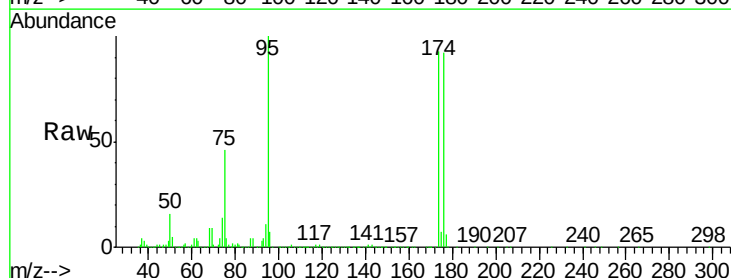
Tgt Ion: 95 Resp: 195916

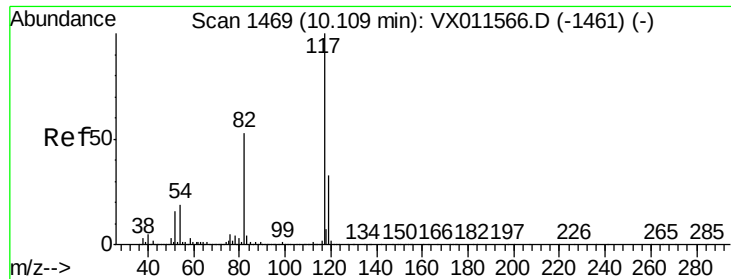
Ion Ratio Lower Upper

95 100

174 98.5 0.0 200.6

176 94.9 0.0 196.6





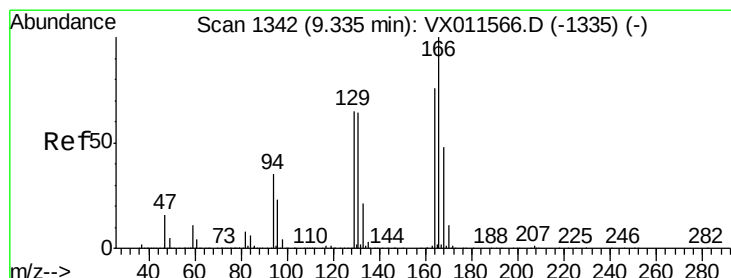
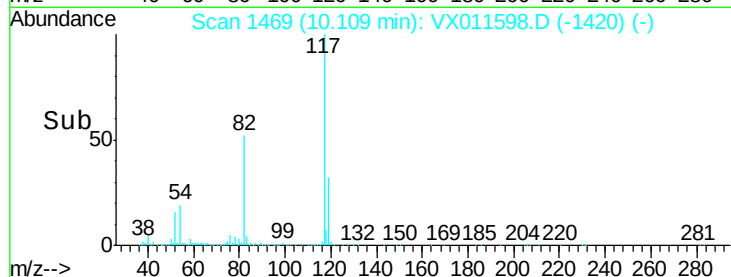
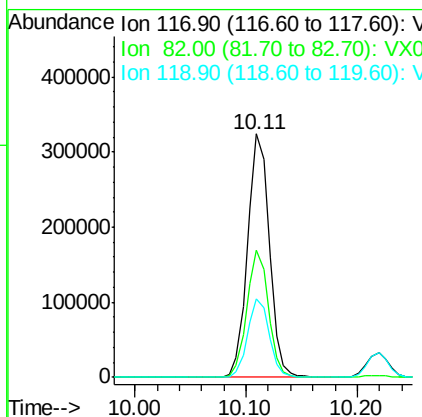
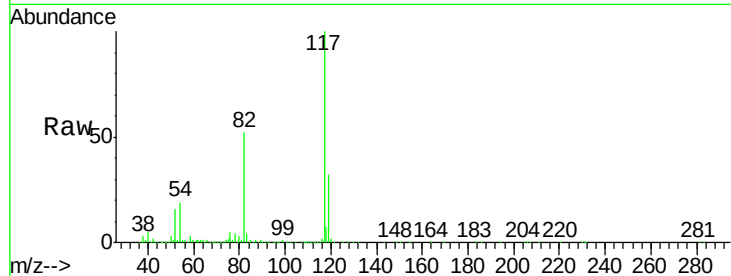
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	442028		
82	52.4	42.0	63.0	
119	32.0	26.5	39.7	

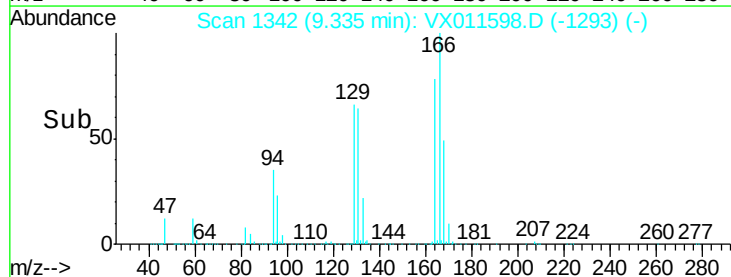
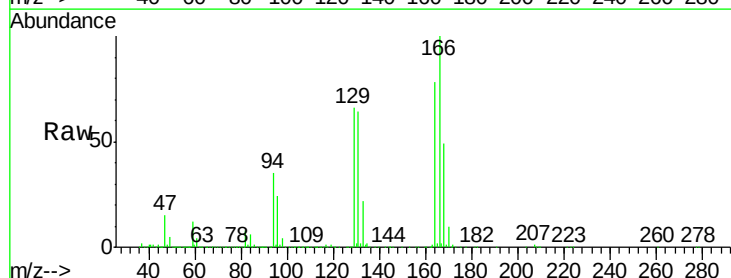
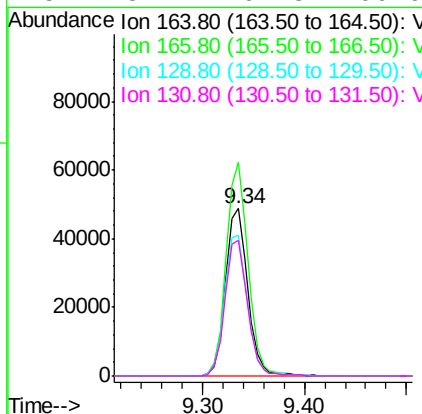
Manual Integrations
APPROVED

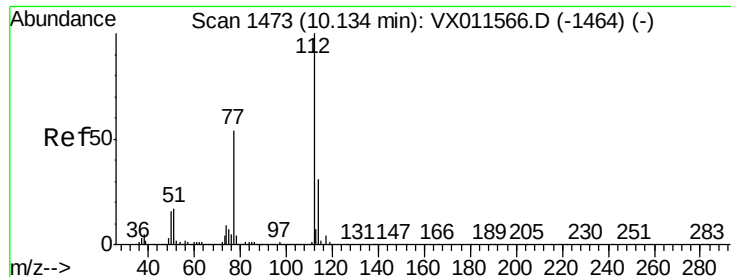
MMDadoda
8/19/2019 10:29:12 AM



#64
Tetrachloroethene
Concen: 20.212 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73303		
166	127.6	104.7	157.1	
129	84.1	68.2	102.4	
131	81.4	67.3	100.9	





#65

Chlorobenzene

Concen: 19.584 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion:112 Resp: 184634

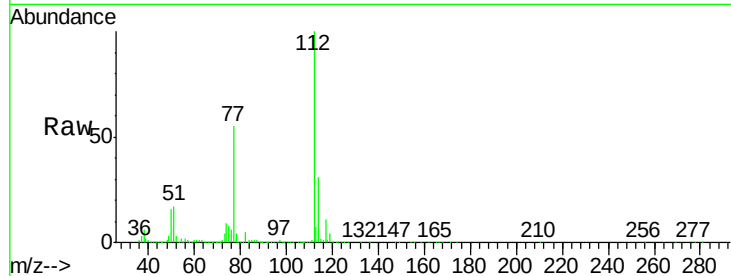
Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.6

Manual Integrations
APPROVED

MMDadoda
8/19/2019 10:29:12 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

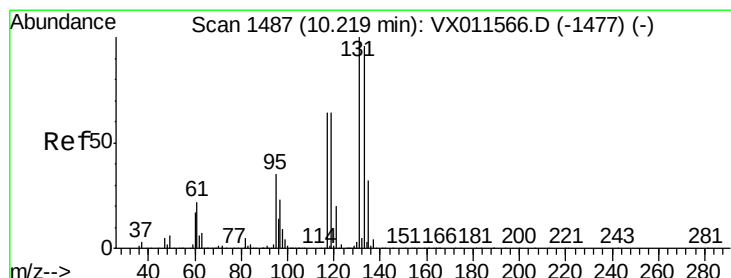
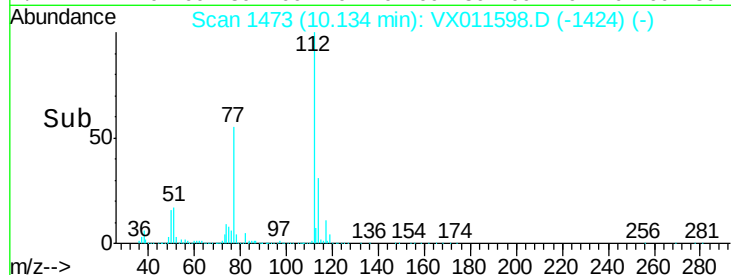
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 20.023 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

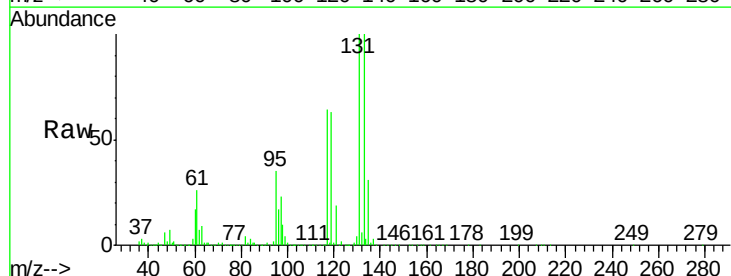
Tgt Ion:131 Resp: 70560

Ion Ratio Lower Upper

131 100

133 95.4 48.1 144.4

119 62.0 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

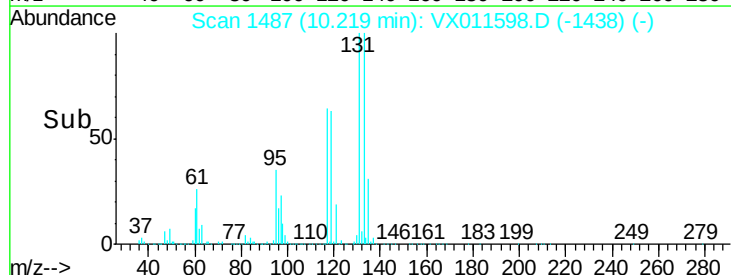
10.22

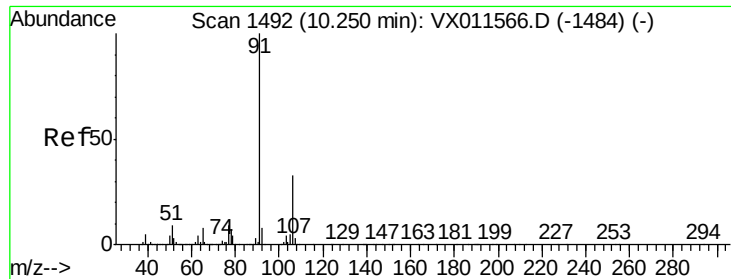
100000

50000

0

Time--> 10.20 10.30





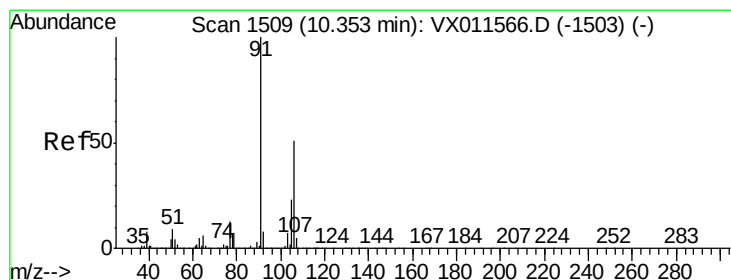
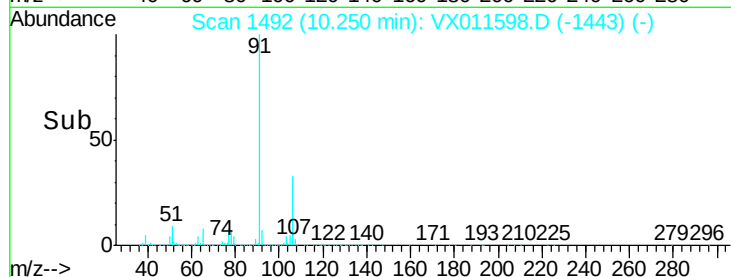
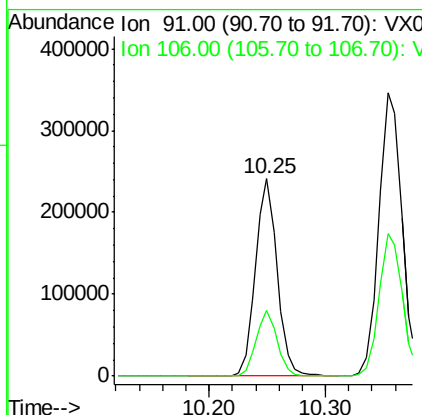
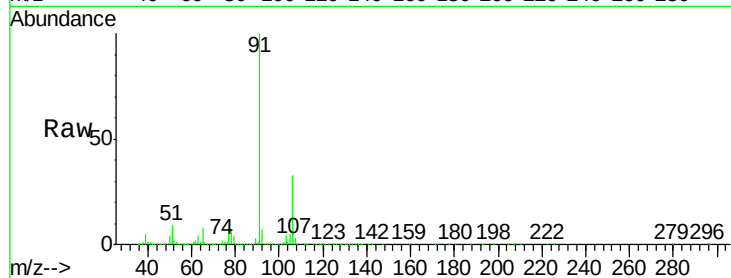
#67
Ethyl Benzene
Concen: 19.984 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion: 91 Resp: 314445
Ion Ratio Lower Upper
91 100
106 33.1 26.0 39.0

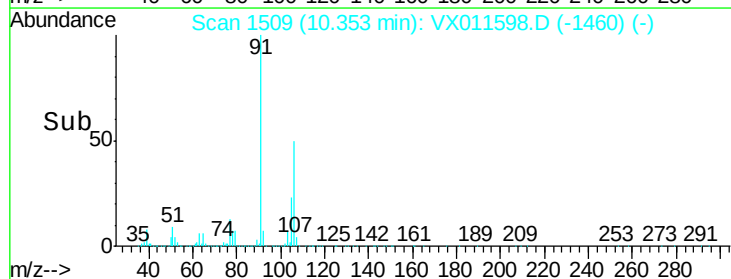
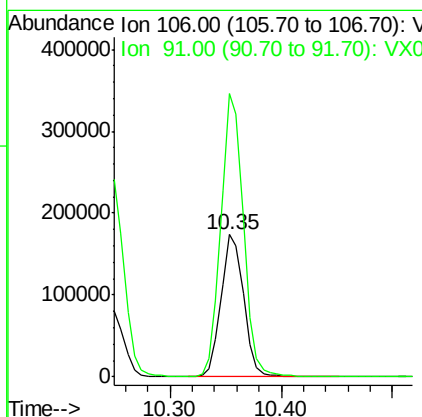
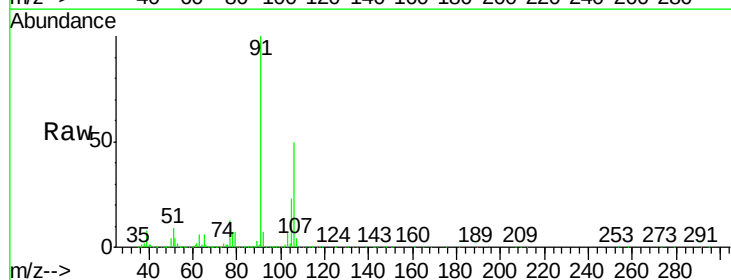
Manual Integrations
APPROVED

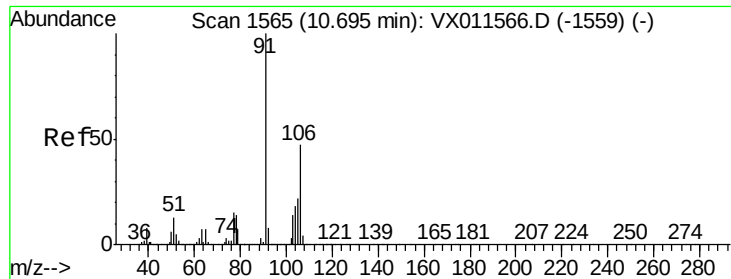
MMDadoda
8/19/2019 10:29:12 AM



#68
m/p-Xylenes
Concen: 40.495 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion: 106 Resp: 244581
Ion Ratio Lower Upper
106 100
91 197.6 156.0 234.0





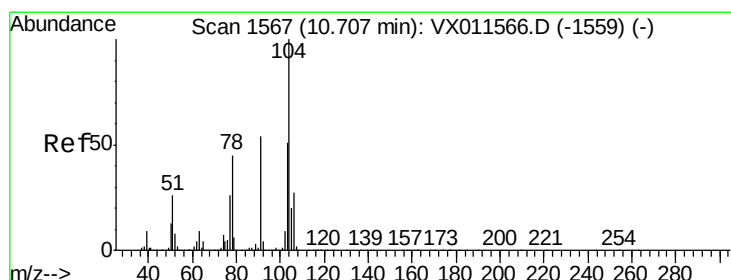
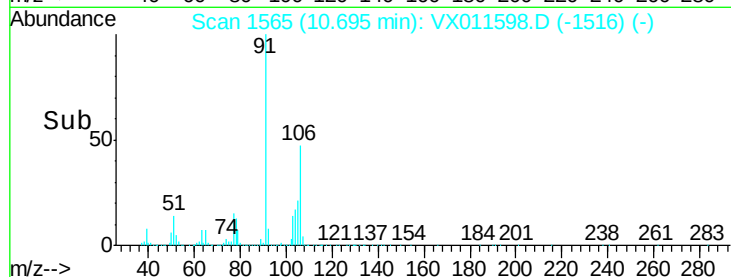
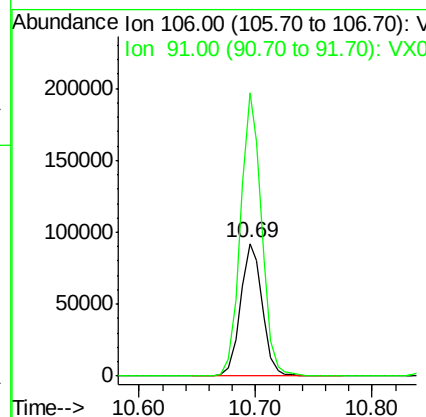
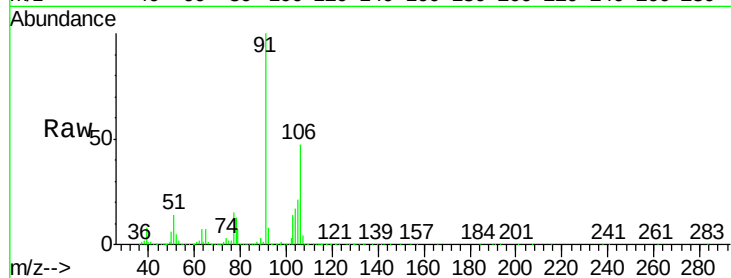
#69
o-Xylene
Concen: 20.179 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.7	105.5	316.4

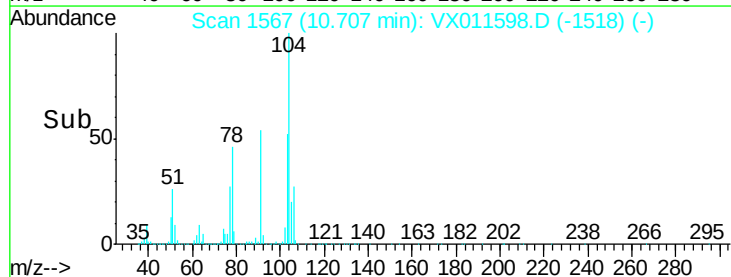
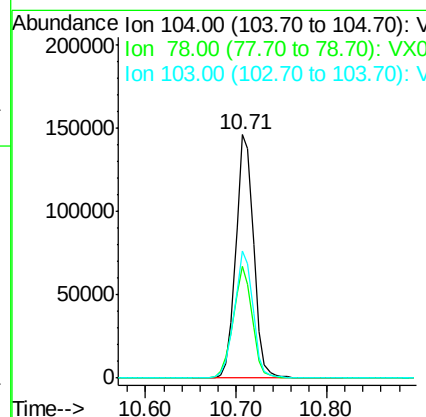
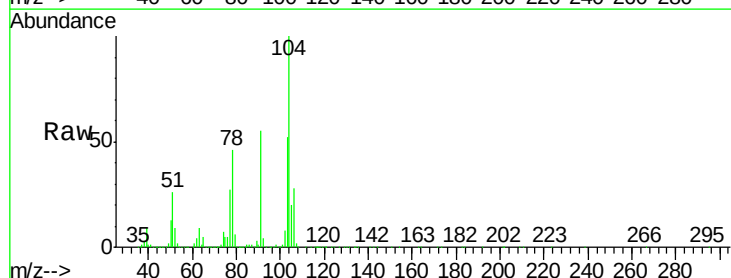
Manual Integrations
APPROVED

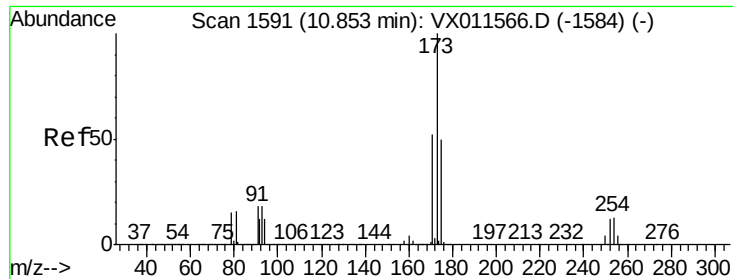
MMDadoda
8/19/2019 10:29:12 AM



#70
Styrene
Concen: 20.050 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.2	57.4
103	55.1	43.6	65.4





#71

Bromoform

Concen: 18.870 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

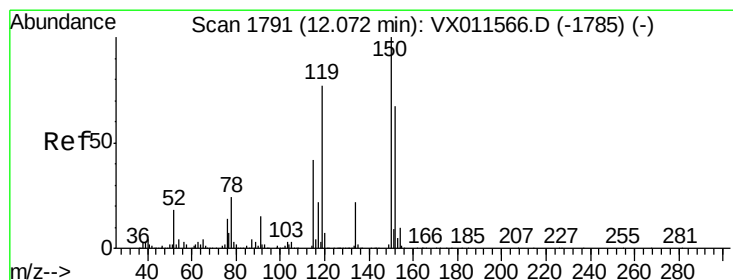
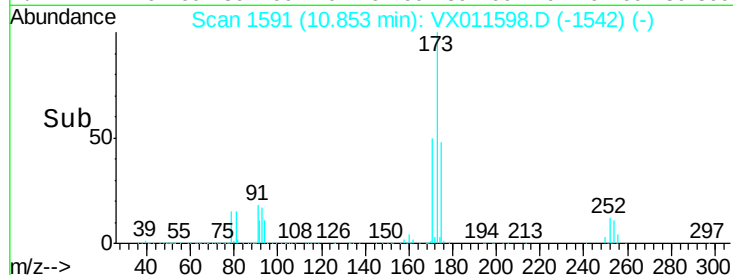
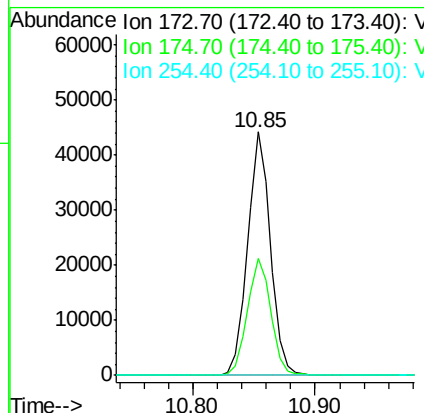
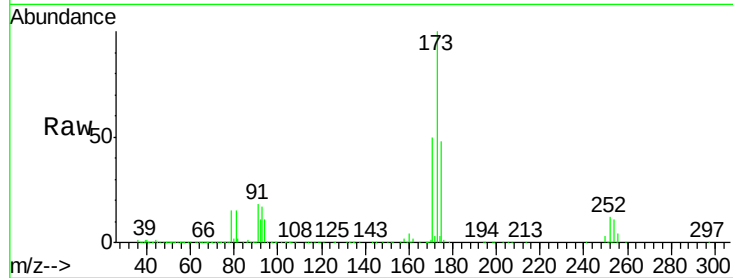
ClientSampleId :

VX0816WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.7
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

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8/19/2019 10:29:12 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

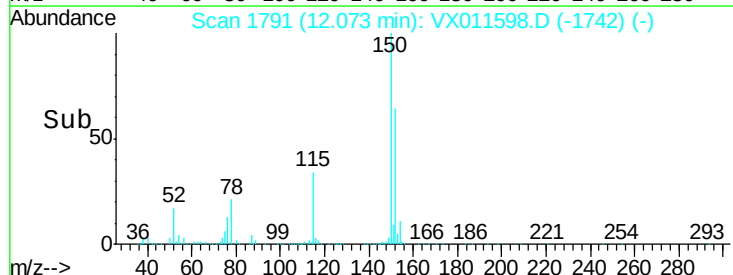
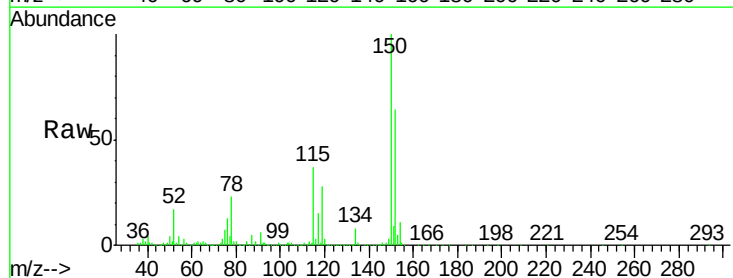
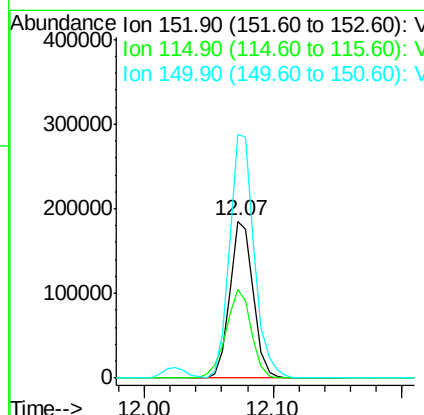
RT: 12.07 min Scan# 1791

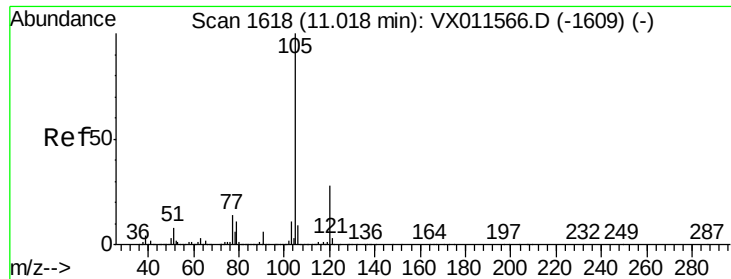
Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	37.3	111.9
150	163.7	0.0	346.2





#73

Isopropylbenzene

Concen: 20.972 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampled :

VX0816WBS02

Tot Ion: 105 Resp: 320833

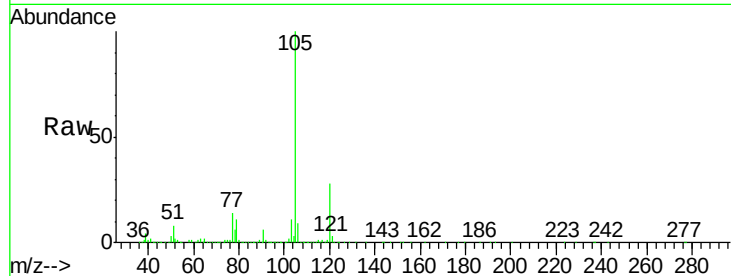
Ion Ratio Lower Upper

105 100

120 27.7 14.0 41.9

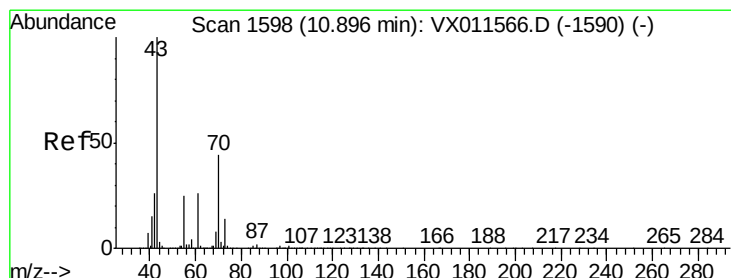
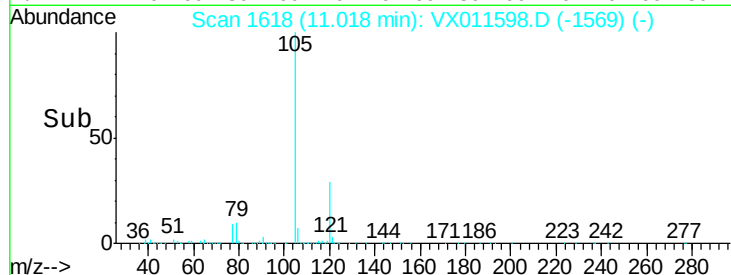
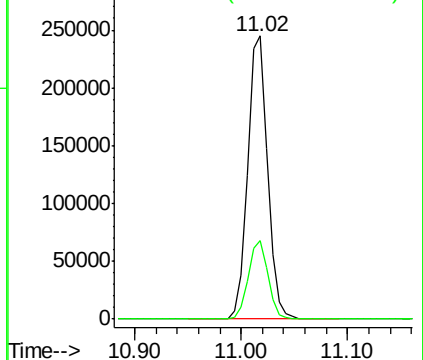
Manual Integrations
APPROVED

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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: 19.316 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion: 43 Resp: 125575

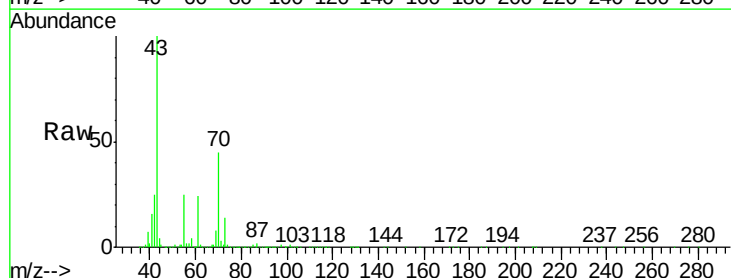
Ion Ratio Lower Upper

43 100

70 43.2 34.7 52.1

55 24.7 19.6 29.4

61 25.2 19.9 29.9

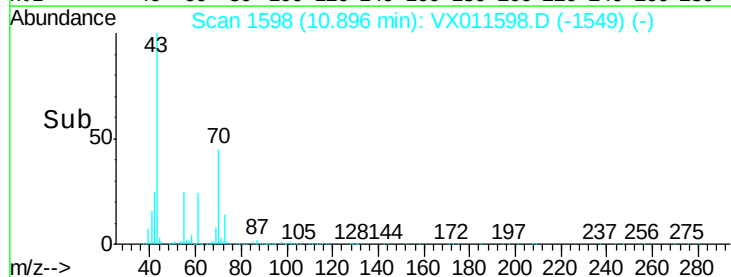
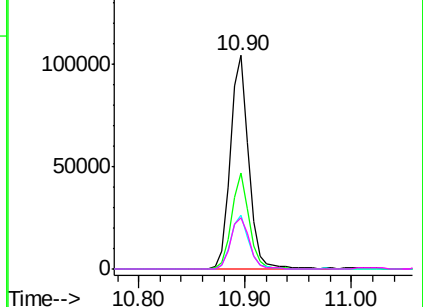


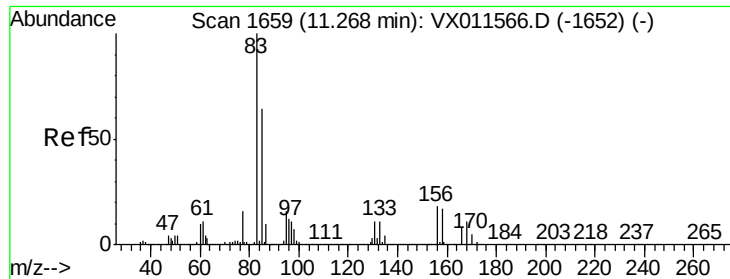
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.034 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

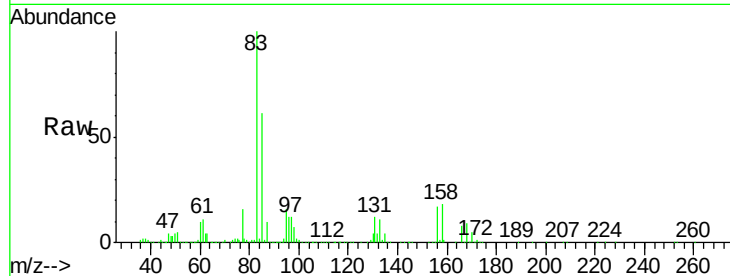
ClientSampleId :

VX0816WBS02

Tot Ion:	83	Resp:	105431
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.8	17.3
85	64.7	31.9	95.9

Manual Integrations
APPROVED

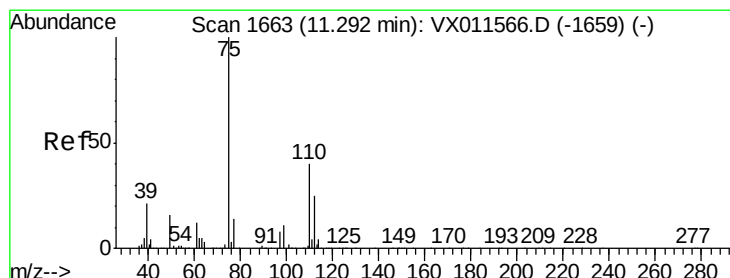
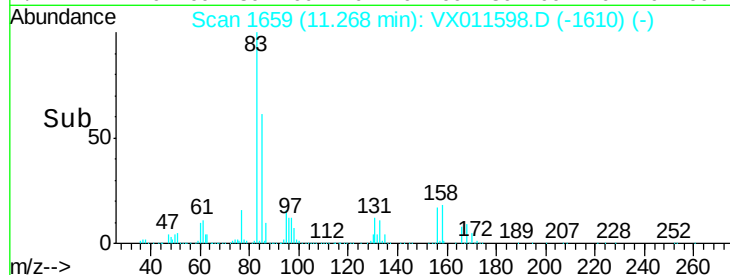
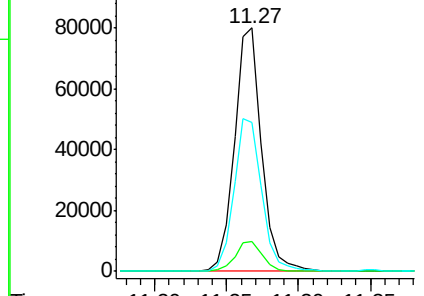
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.284 ug/l m

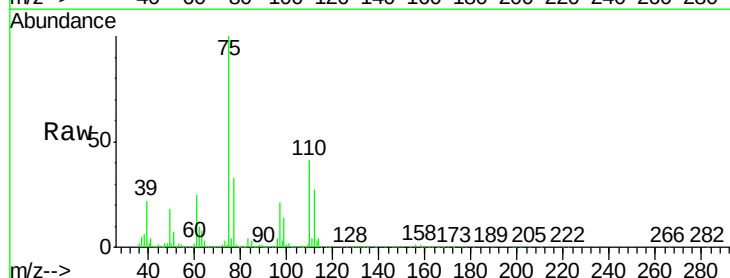
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011598.D

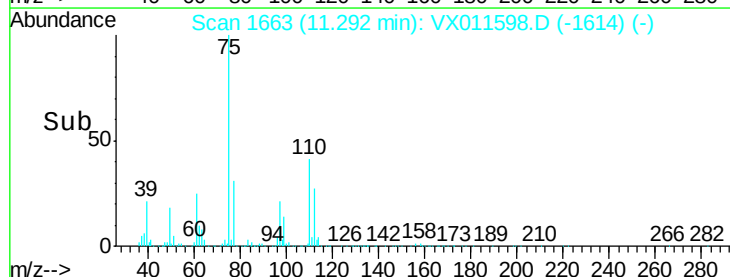
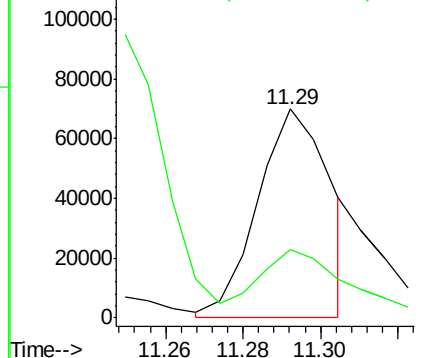
Acq: 16 Aug 2019 23:03

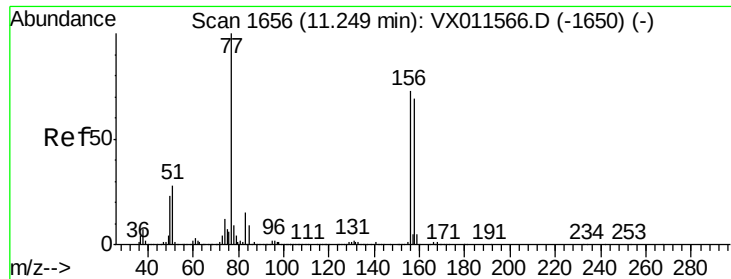
Tgt Ion:	75	Resp:	90683
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.9	62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.544 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

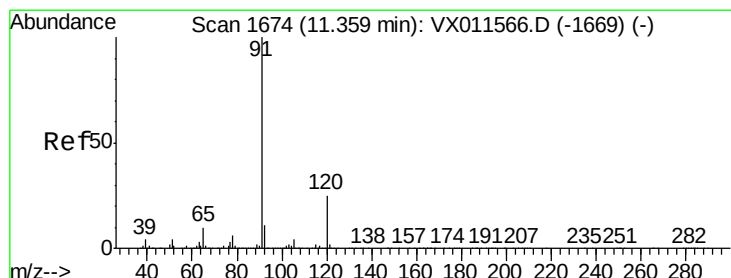
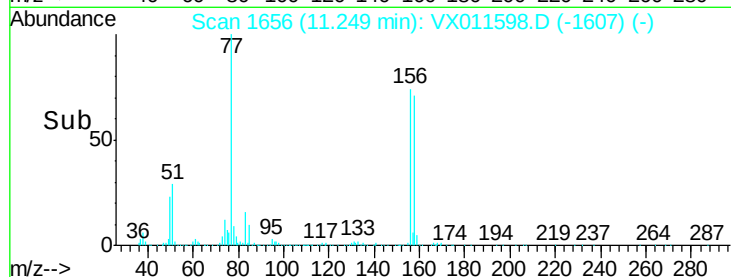
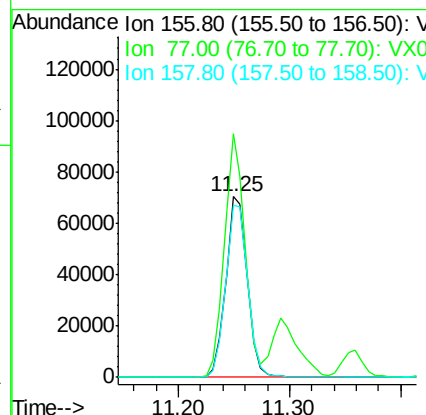
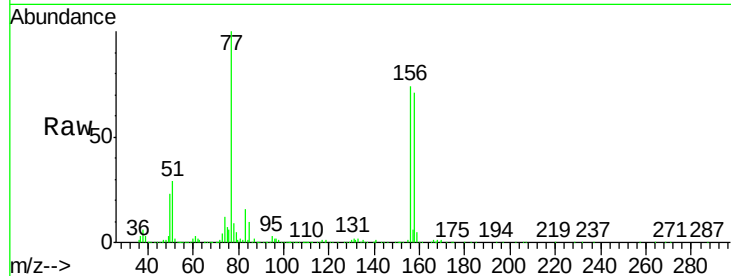
ClientSampleId :

VX0816WBS02

Tot Ion:	156	Resp:	93504
Ion Ratio	Lower	Upper	
156	100		
77	128.5	64.6	193.9
158	98.3	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.848 ug/l

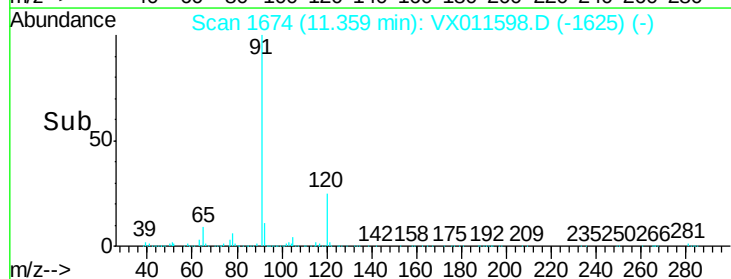
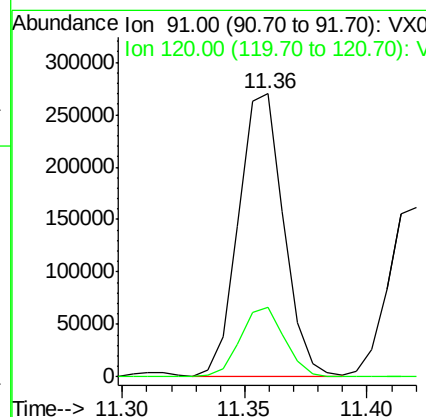
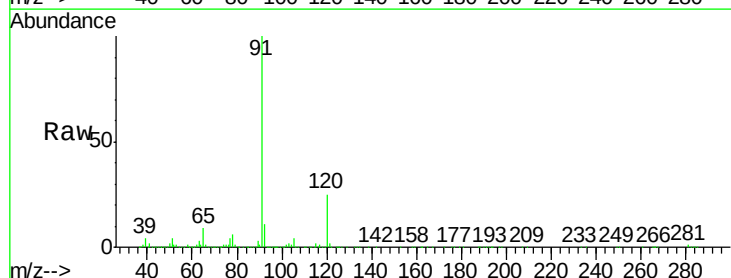
RT: 11.36 min Scan# 1674

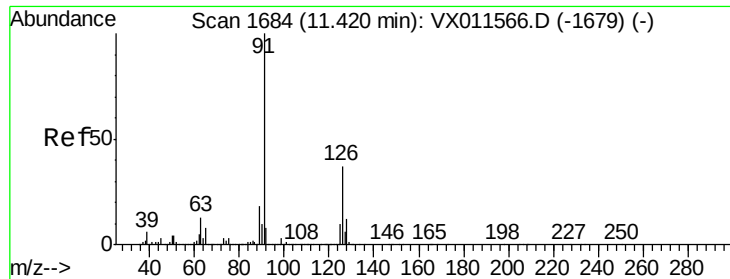
Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	91	Resp:	343915
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.6	37.6





#79

2-Chlorotoluene

Concen: 20.529 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion: 91 Resp: 207947

Ion Ratio Lower Upper

91 100

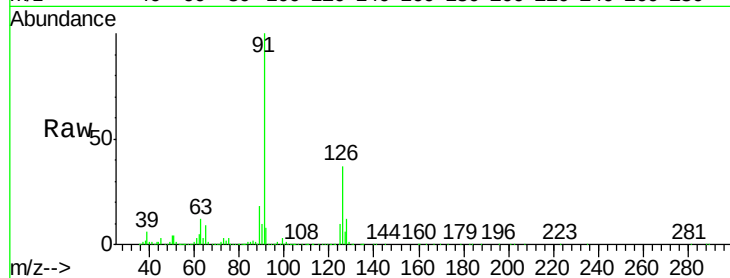
126 37.4 18.4 55.0

Manual Integrations

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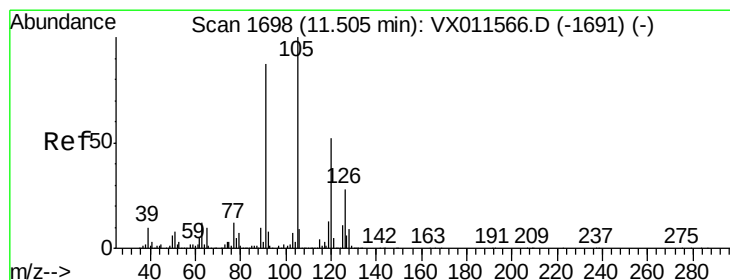
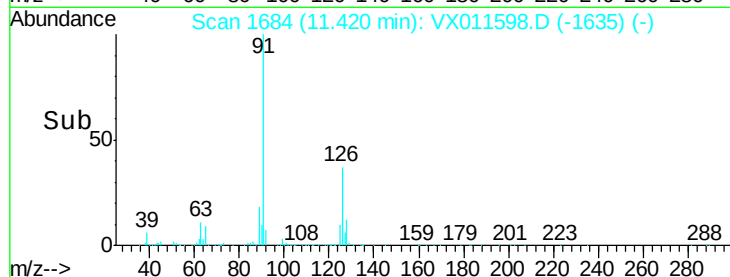
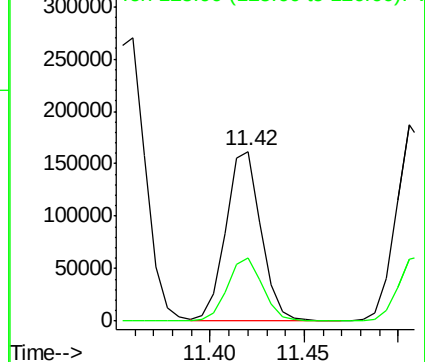
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.052 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011598.D

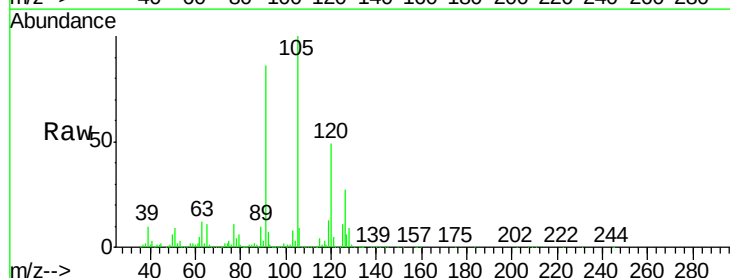
Acq: 16 Aug 2019 23:03

Tgt Ion:105 Resp: 270536

Ion Ratio Lower Upper

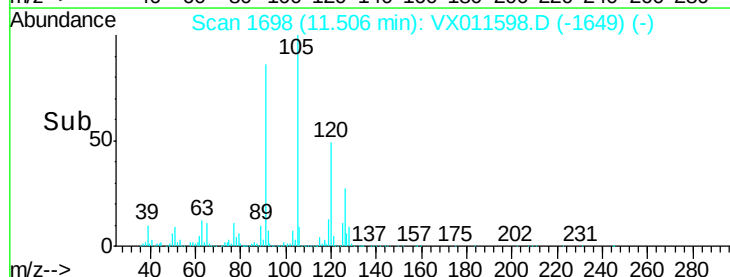
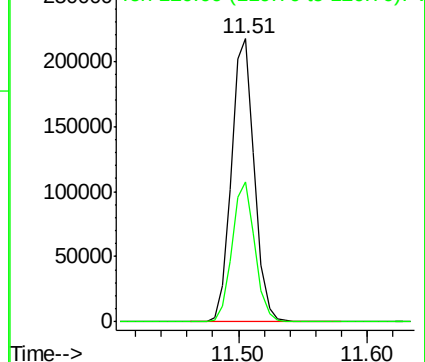
105 100

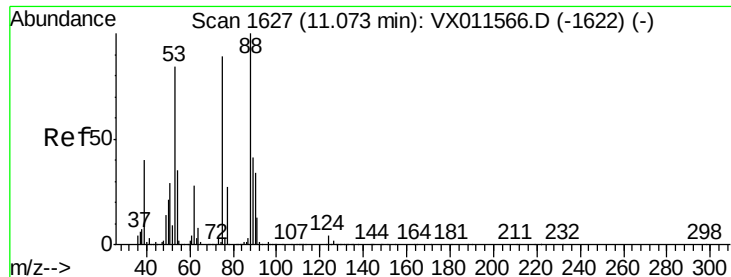
120 49.1 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





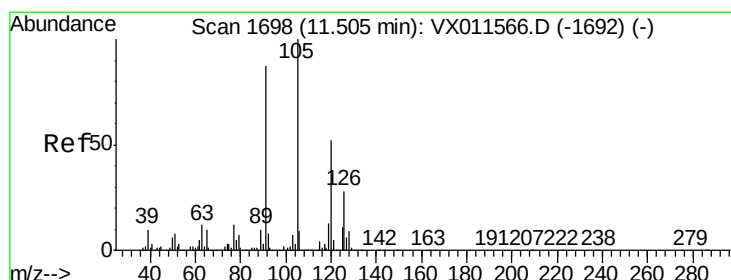
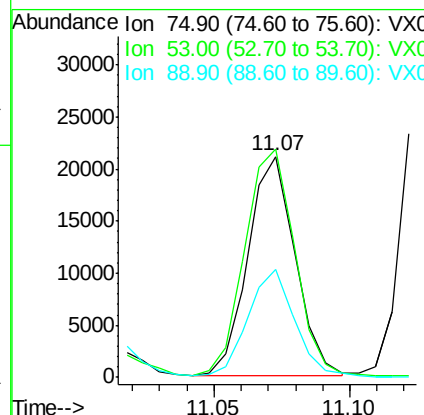
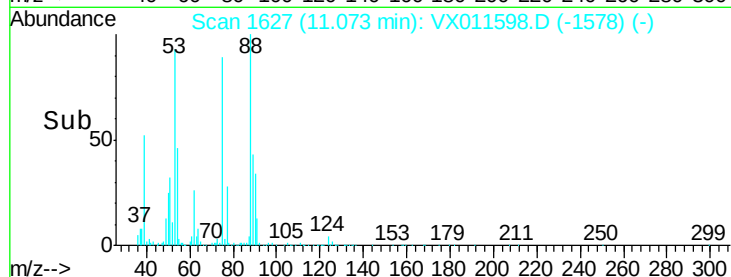
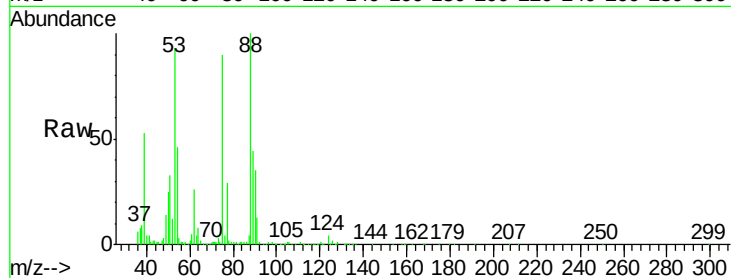
#81
trans-1,4-Dichloro-2-butene
Concen: 18.444 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.1	77.4	116.0
89	49.4	37.3	55.9

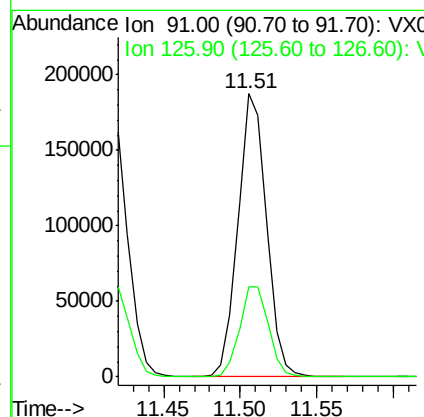
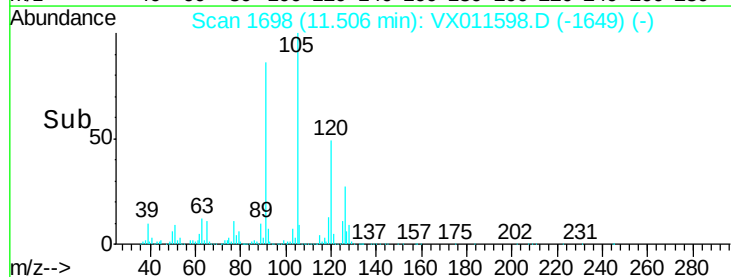
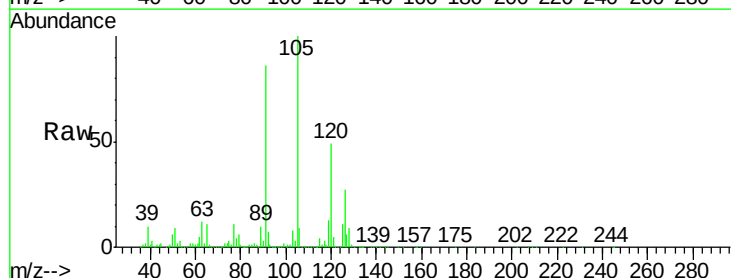
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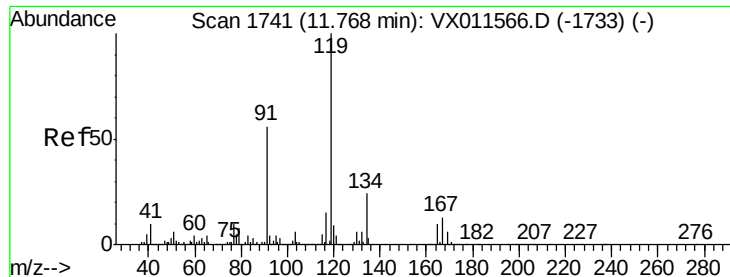
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.494 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.4	49.1





#83

tert-Butylbenzene

Concen: 20.346 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

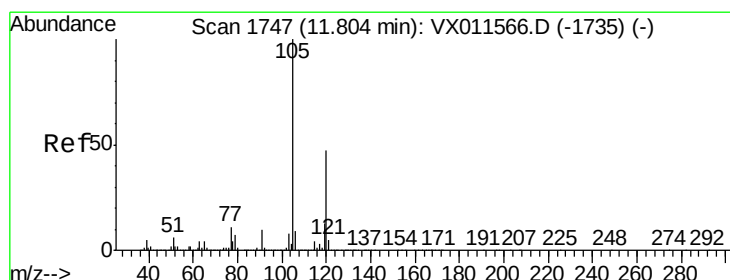
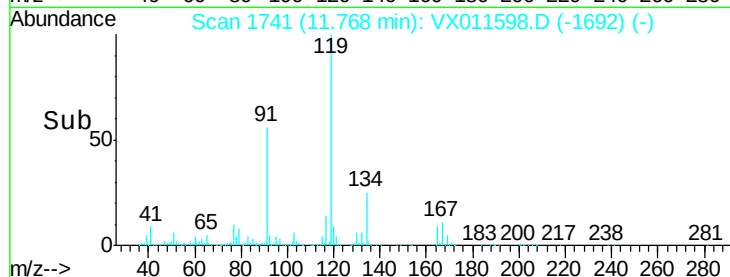
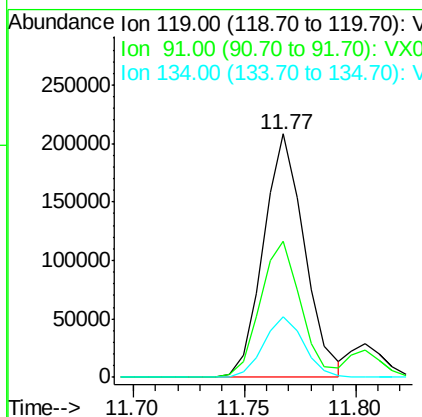
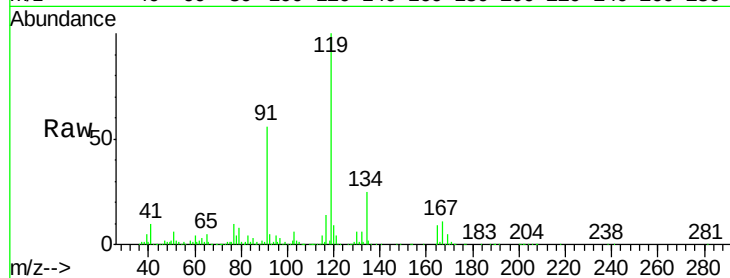
ClientSampleId :

VX0816WBS02

Tot Ion:	119	Resp:	266305
Ion Ratio	Lower	Upper	
119	100		
91	55.5	27.1	81.3
134	24.5	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 21.081 ug/l

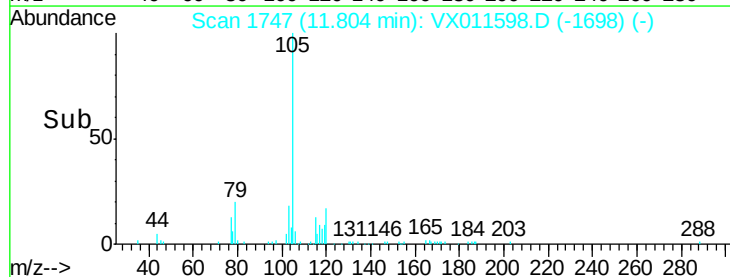
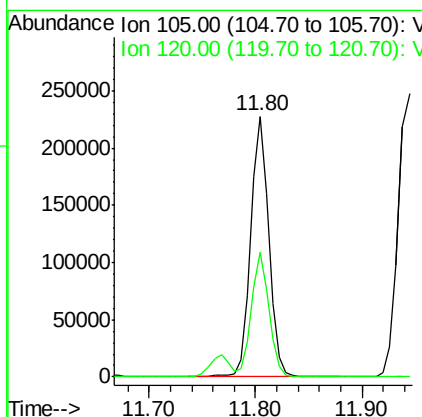
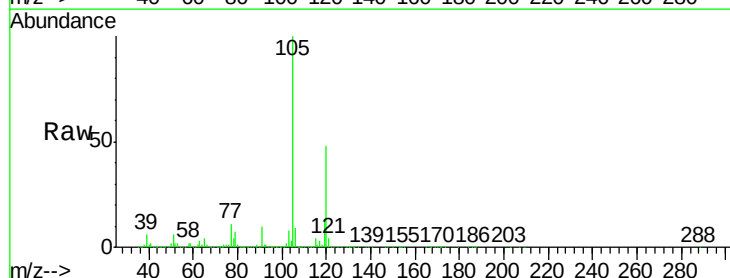
RT: 11.80 min Scan# 1747

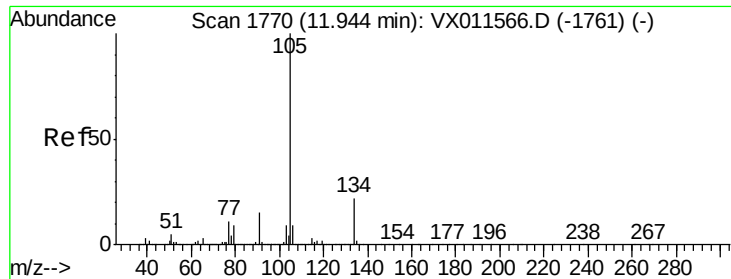
Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	105	Resp:	271971
Ion Ratio	Lower	Upper	
105	100		
120	46.6	23.3	69.9





#85

sec-Butylbenzene

Concen: 20.560 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

ClientSampleId :

VX0816WBS02

Tot Ion:105 Resp: 303612

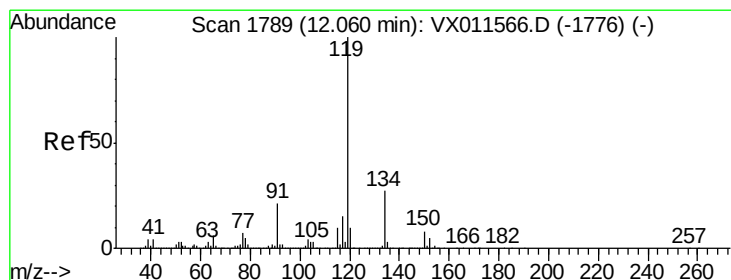
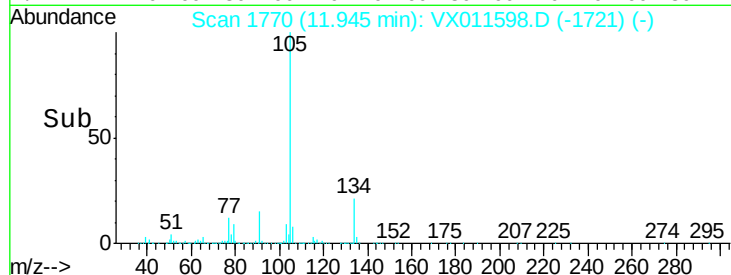
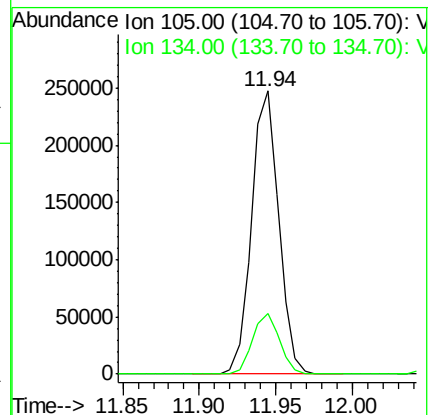
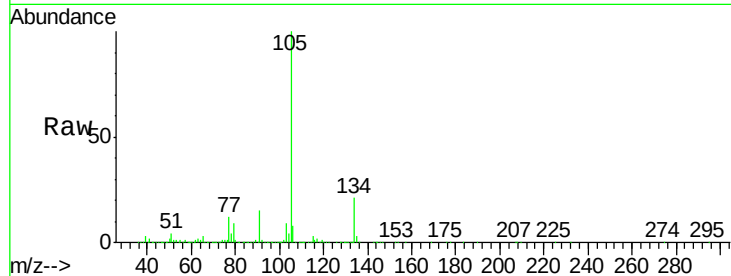
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 20.759 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

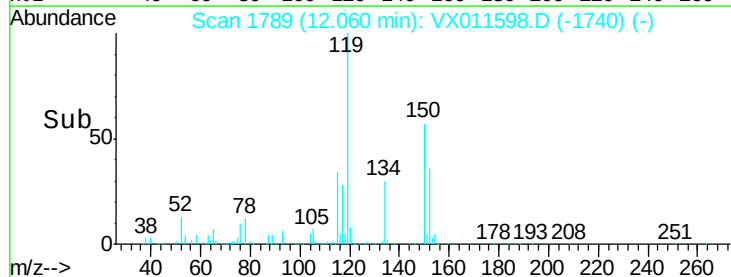
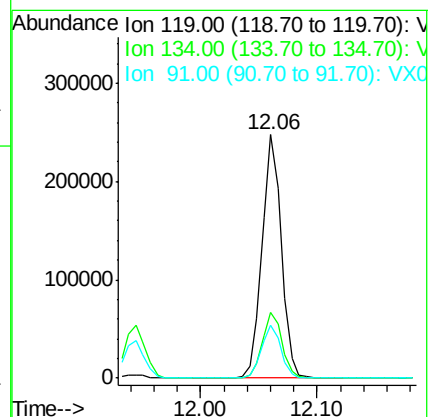
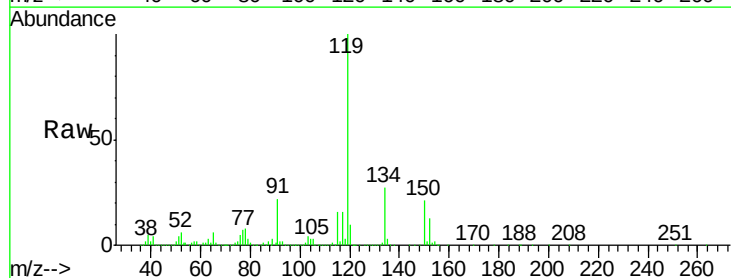
Tgt Ion:119 Resp: 288392

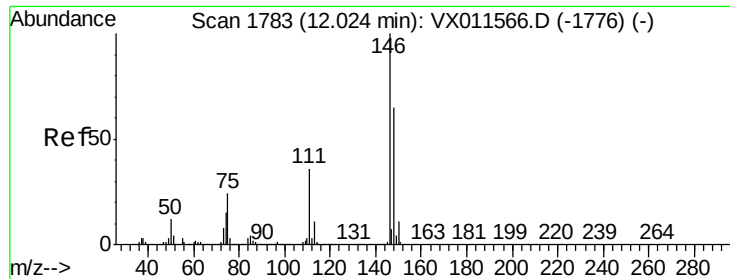
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

91 22.2 10.9 32.9





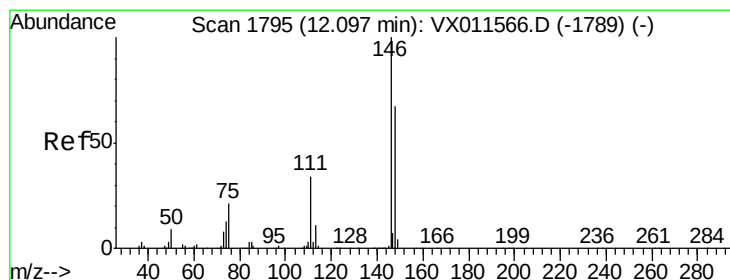
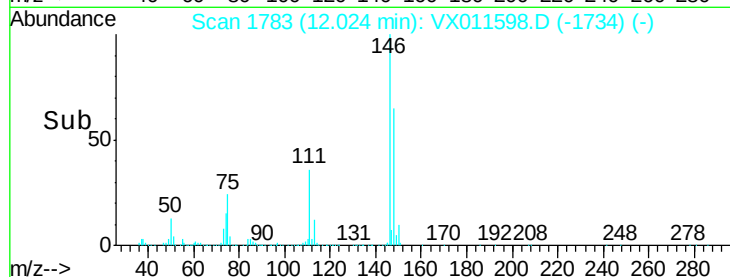
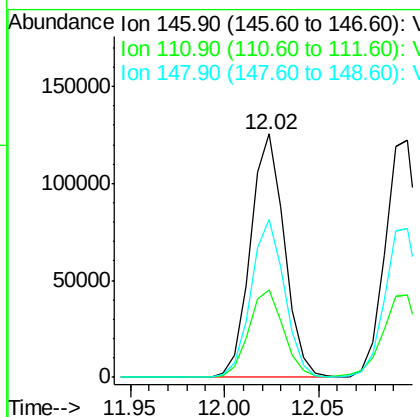
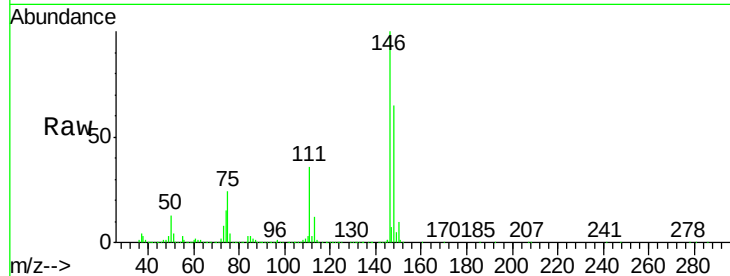
#87
 1,3-Dichlorobenzene
 Concen: 19.984 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.4
148	64.0	32.0	96.0

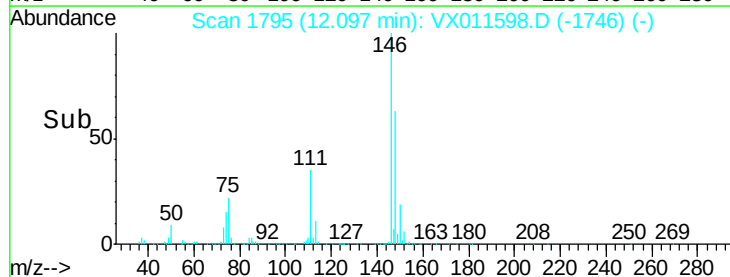
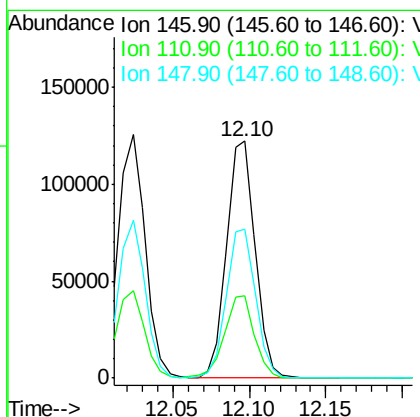
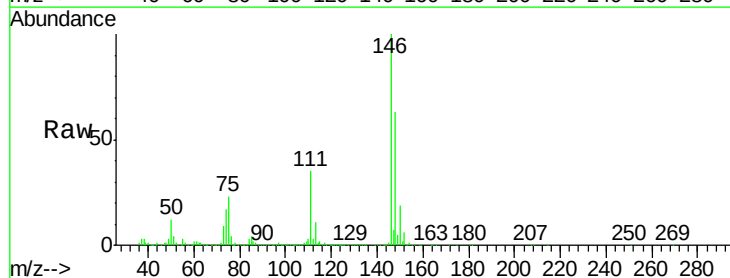
Manual Integrations
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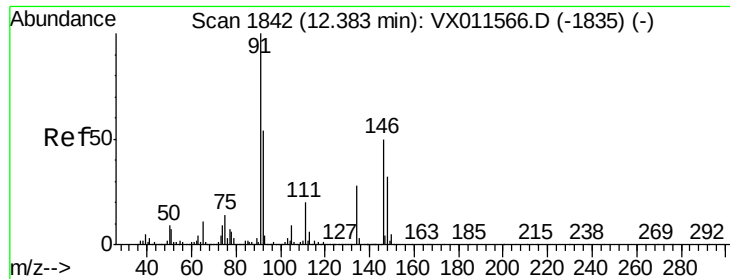
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#88
 1,4-Dichlorobenzene
 Concen: 19.951 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.7
148	64.5	32.5	97.5





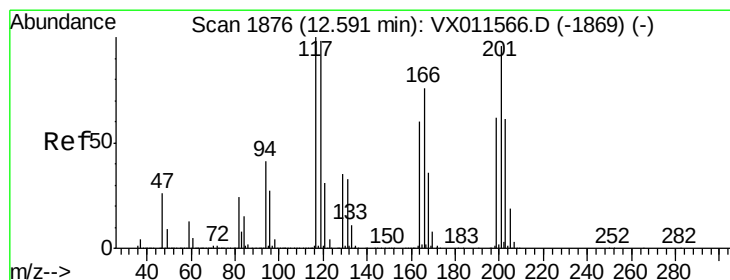
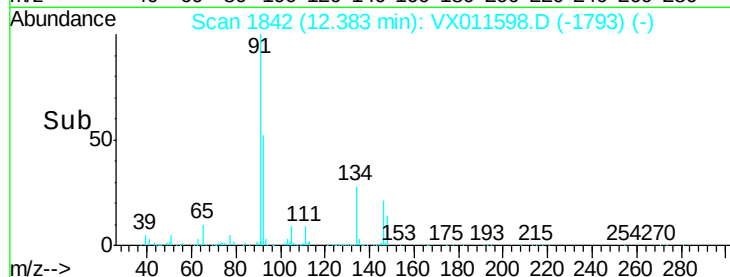
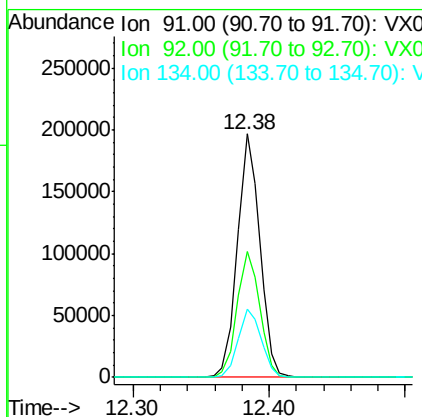
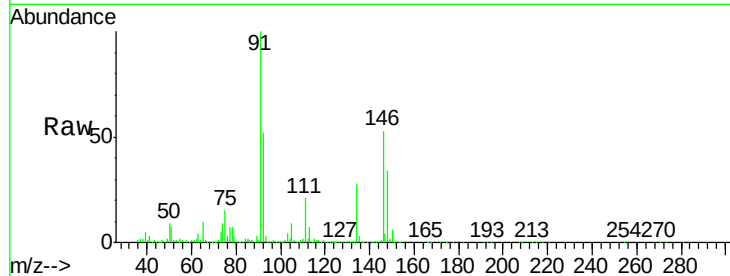
#89
n-Butylbenzene
Concen: 19.748 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Instrument :
MSVOA_X
ClientSampleId :
VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.8	80.3	
134	28.9	14.6	44.0	

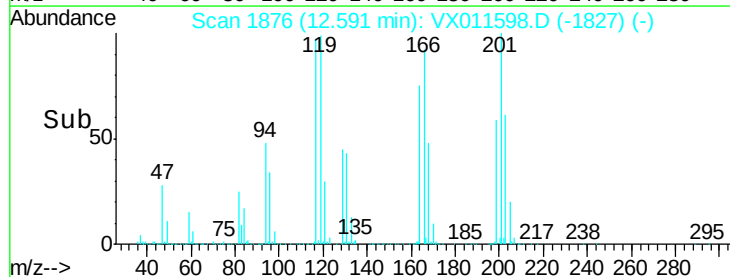
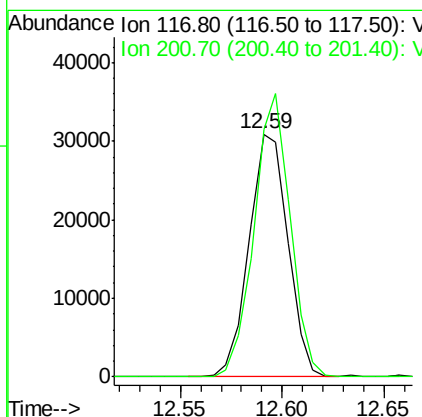
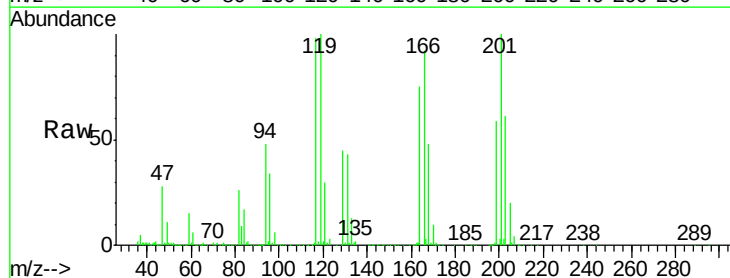
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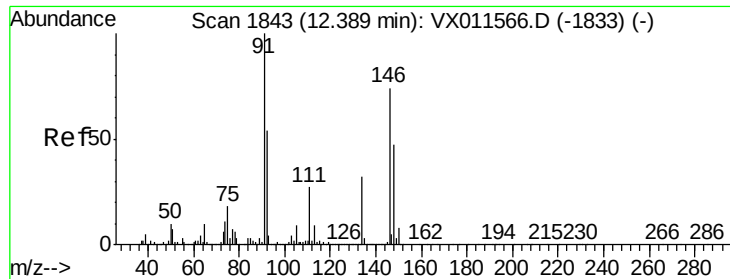
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#90
Hexachloroethane
Concen: 18.695 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011598.D
Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	108.3	51.9	155.7	





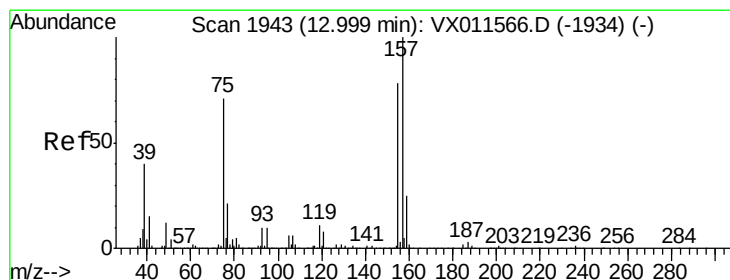
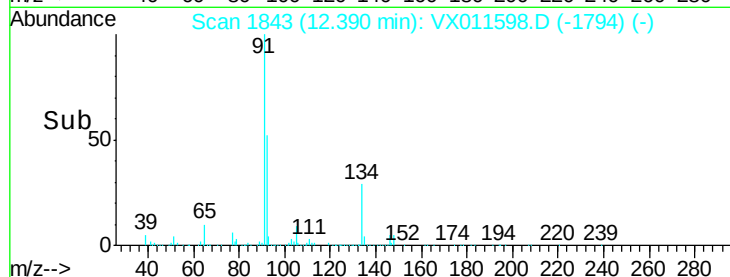
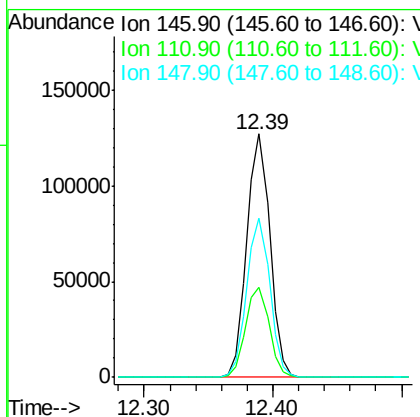
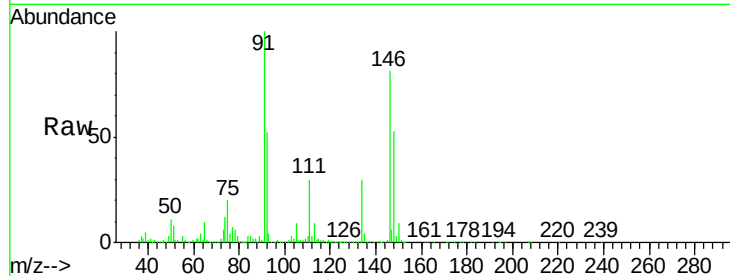
#91
 1,2-Dichlorobenzene
 Concen: 20.098 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	157833		
111	37.7	18.9	56.7	
148	65.3	31.9	95.9	

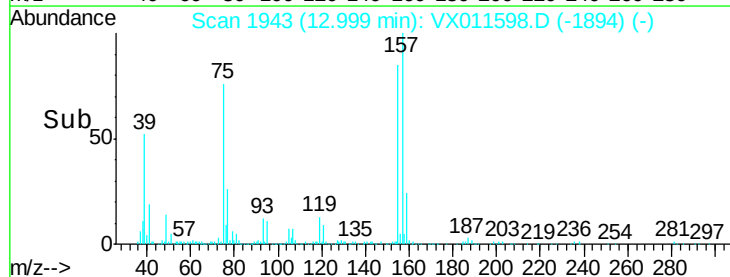
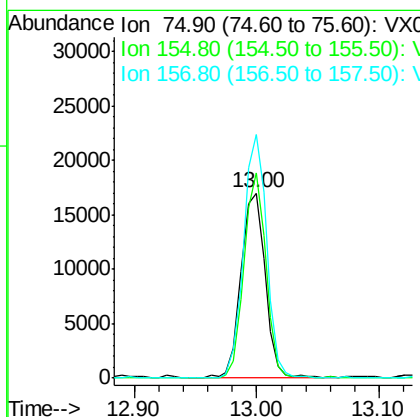
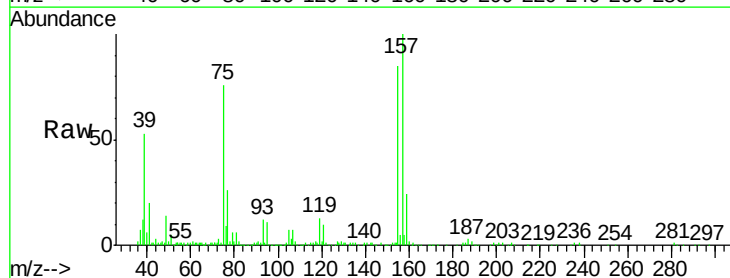
Manual Integrations
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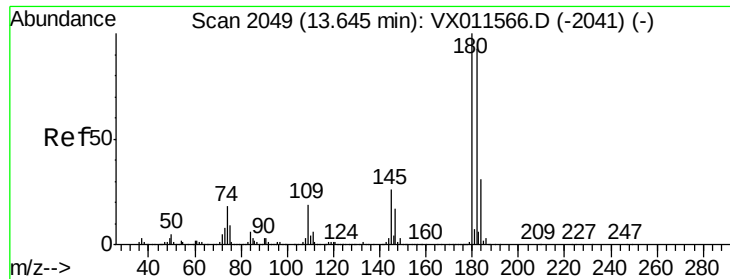
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 8/19/2019 10:29:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.481 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23455		
155	100.3	53.0	159.0	
157	124.7	68.3	205.1	





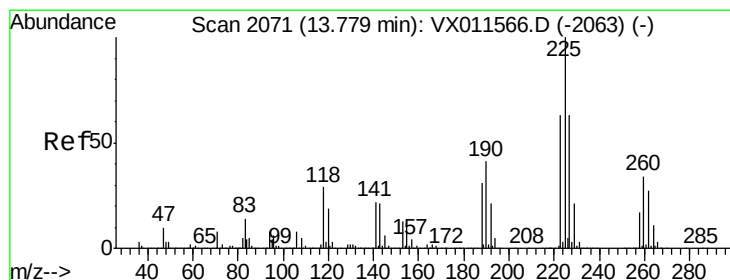
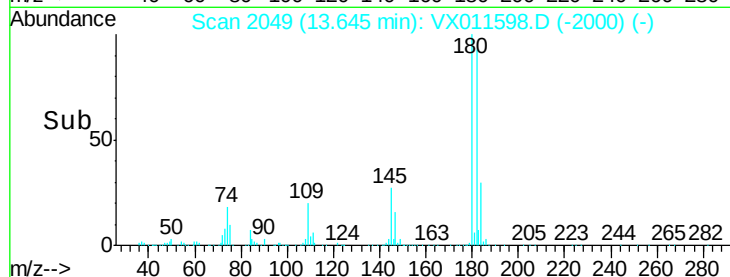
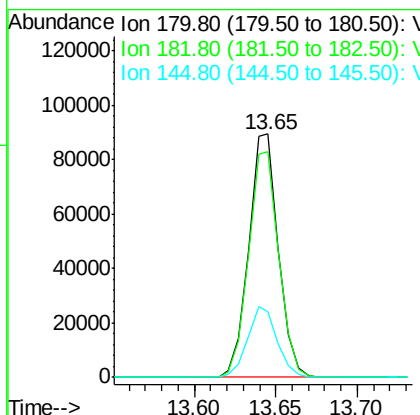
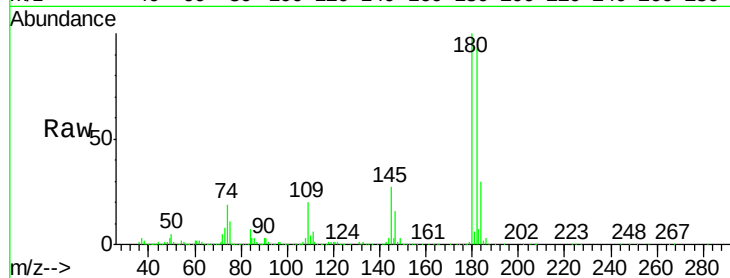
#93
 1,2,4-Trichlorobenzene
 Concen: 19.336 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	113142		
182	94.7	47.3	142.0	
145	28.8	13.6	40.8	

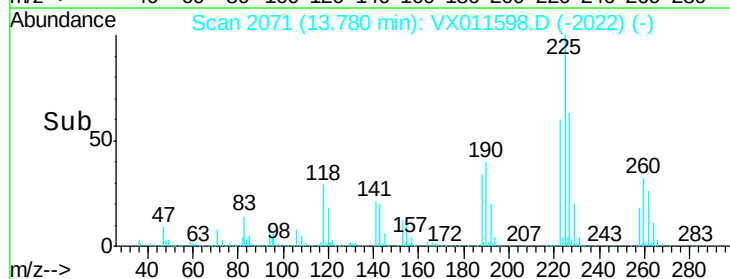
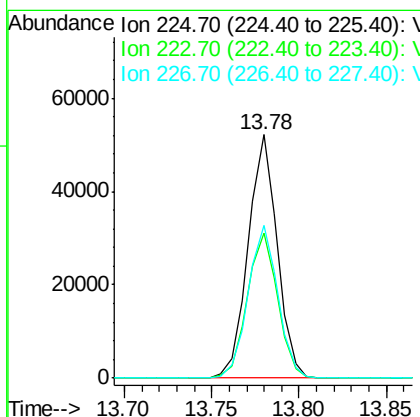
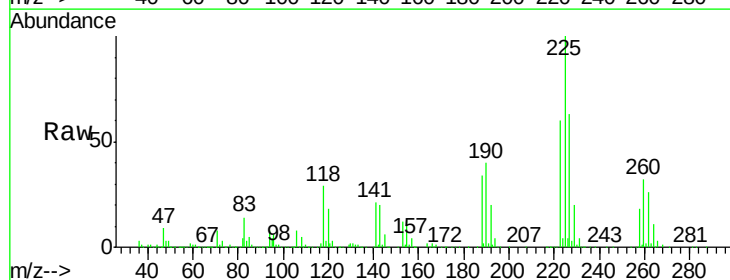
Manual Integrations
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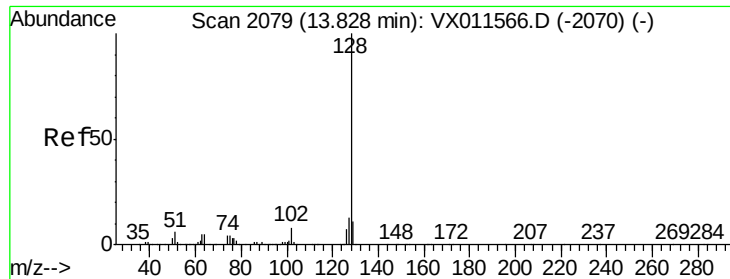
MMDadoda
 8/19/2019 10:29:12 AM



#94
 Hexachlorobutadiene
 Concen: 18.837 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011598.D
 Acq: 16 Aug 2019 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60018		
223	62.2	31.4	94.0	
227	64.2	31.2	93.6	





#95

Naphthalene

Concen: 20.586 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Instrument :

MSVOA_X

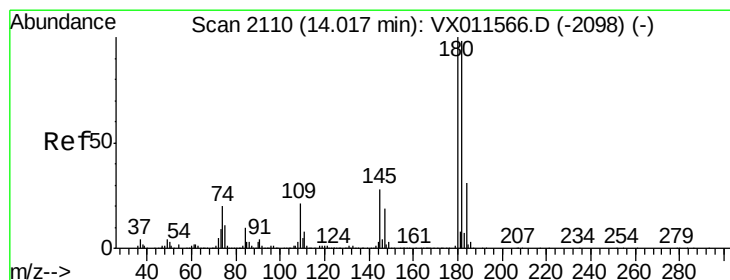
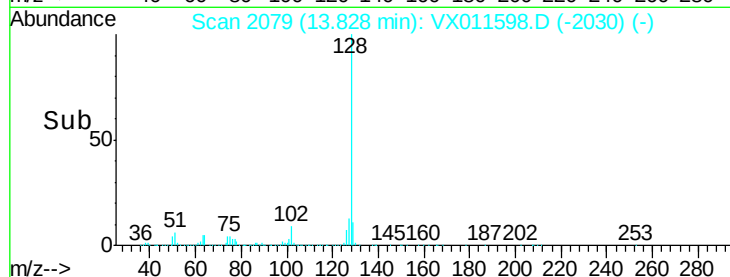
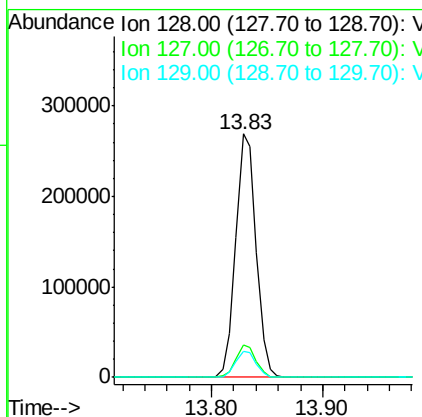
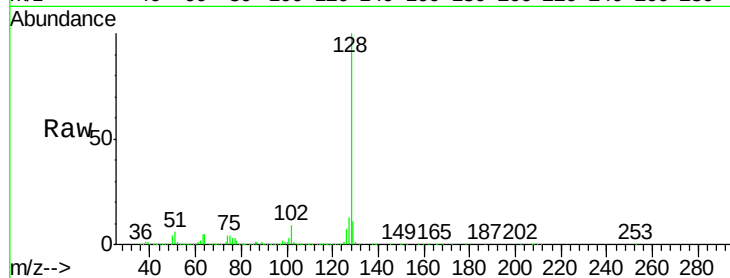
ClientSampleId :

VX0816WBS02

Tot Ion:	128	Resp:	340542
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/19/2019 10:29:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.096 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011598.D

Acq: 16 Aug 2019 23:03

Tgt Ion:	180	Resp:	118603
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.0	144.0
145	29.2	14.6	43.8

