

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072419\
 Data File : VX011059.D
 Acq On : 24 Jul 2019 14:06
 Operator : JC/SP
 Sample : VX0724WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0724WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:54:56 PM

Quant Time: Jul 25 03:40:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	36493	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	184378	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	171900	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	72444	29.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.60%
60) 4-Bromofluorobenzene	11.13	95	83991	29.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.97%
63) Toluene-d8	8.71	98	223825	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	28181	11.681	ug/l 96
3) Chloromethane	1.33	50	33253	15.674	ug/l 98
4) Vinyl Chloride	1.41	62	31364	14.176	ug/l 100
5) Bromomethane	1.64	94	22145	18.183	ug/l 100
6) Chloroethane	1.72	64	22069	16.860	ug/l 92
7) Trichlorofluoromethane	1.93	101	46991	12.789	ug/l 99
8) Diethyl Ether	2.19	74	21907	18.155	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23935	11.786	ug/l 98
10) 1,1-Dichloroethene	2.37	96	29765	14.584	ug/l 99
11) Methyl Iodide	2.51	142	43089	15.722	ug/l 96
12) Methyl Acetate	2.77	43	55713	19.436	ug/l 98
13) Acrolein	2.29	56	32727	95.222	ug/l 100
14) Acrylonitrile	3.14	53	110650	98.629	ug/l 100
15) Acetone	2.44	58	33464	107.118	ug/l 99
16) Carbon Disulfide	2.57	76	63407	12.091	ug/l 98
17) Allyl chloride	2.73	41	50461	17.079	ug/l 97
18) Methylene Chloride	2.85	84	40561	17.848	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	34432	15.970	ug/l 98
20) Diisopropyl ether	3.85	45	112060	17.965	ug/l 97
21) 1,1-Dichloroethane	3.70	63	62284	17.352	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	43360	17.487	ug/l # 83
23) tert-Butyl Alcohol	3.04	59	54326	92.746	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	123926	18.915	ug/l 99
25) Chloroform	5.21	83	68715	17.478	ug/l 99
26) Cyclohexane	5.58	56	36873	11.226	ug/l # 97
29) 1,1-Dichloropropene	5.80	75	39628	15.283	ug/l 99
30) 2-Butanone	4.67	43	151582	108.301	ug/l 99
31) 2,2-Dichloropropane	4.59	77	46699	20.633	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	52743	16.868	ug/l 98
33) Carbon Tetrachloride	5.78	117	41964	15.436	ug/l 97
34) Benzene	6.15	78	144931	18.634	ug/l 97
35) Methacrylonitrile	5.04	41	29701	20.384	ug/l 93
36) 1,2-Dichloroethane	6.19	62	56833	20.436	ug/l 98
37) Trichloroethene	7.21	130	40336	17.714	ug/l 98
38) Methylcyclohexane	7.46	83	38390	11.731	ug/l 99
39) 1,2-Dichloropropane	7.51	63	38548	19.828	ug/l 97
40) Dibromomethane	7.66	93	28565	19.977	ug/l 100

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Instrument :
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Manual Integrations
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Quant Time: Jul 25 03:40:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	51484	19.782	ug/l	100
42) Vinyl Acetate	3.81	43	473258	102.630	ug/l	99
43) Ethyl Acetate	4.83	43	56244	20.934	ug/l	99
44) Isopropyl Acetate	6.45	43	89033	20.346	ug/l	99
45) 1,4-Dioxane	7.74	88	24397	428.341	ug/l	99
46) Methyl methacrylate	7.77	41	42988	20.239	ug/l	97
47) n-amyl Acetate	10.90	43	77795	19.822	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	54145	19.740	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	59617	19.917	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	42869	20.485	ug/l	95
51) Ethyl methacrylate	9.18	69	64488	19.925	ug/l	96
52) 1,3-Dichloropropane	9.37	76	67952	20.207	ug/l	97
53) Dibromochloromethane	9.58	129	42965	19.011	ug/l	96
54) 1,2-Dibromoethane	9.67	107	46111	20.276	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	149851	109.335	ug/l	99
56) Bromoform	10.85	173	31583	18.763	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	295690	101.854	ug/l	100
59) 2-Hexanone	9.49	43	229370	103.251	ug/l	100
61) Tetrachloroethene	9.34	164	38442	16.937	ug/l	98
62) Toluene	8.78	91	167125	18.301	ug/l	99
64) Chlorobenzene	10.13	112	112057	19.152	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	41159	19.356	ug/l	100
66) Ethyl Benzene	10.25	91	181515	17.657	ug/l	99
67) m/p-Xylenes	10.36	106	139363	35.432	ug/l	97
68) o-Xylene	10.69	106	69897	18.137	ug/l	98
69) Styrene	10.71	104	117970	18.211	ug/l	99
70) Isopropylbenzene	11.02	105	174577	17.011	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	67875	20.512	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	56378m	20.411	ug/l	
73) Bromobenzene	11.26	156	52827	19.079	ug/l	99
74) n-propylbenzene	11.36	91	192534	16.669	ug/l	99
75) 2-Chlorotoluene	11.42	91	123896	18.011	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	150491	17.324	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	17818	19.552	ug/l	98
78) 4-Chlorotoluene	11.51	91	142507	18.038	ug/l	100
79) tert-butylbenzene	11.77	119	144019	17.093	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	156081	17.843	ug/l	100
81) sec-Butylbenzene	11.94	105	157911	15.899	ug/l	100
82) p-Isopropyltoluene	12.06	119	149684	16.241	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	89964	18.404	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	90277	18.581	ug/l	99
85) n-Butylbenzene	12.38	91	119962	15.286	ug/l	100
86) Hexachloroethane	12.59	117	23335	16.054	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	93018	19.436	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	14530	19.945	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	59015	17.878	ug/l	98
90) Hexachlorobutadiene	13.78	225	22922	14.362	ug/l	99
91) Naphthalene	13.83	128	191477	19.010	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	59481	17.978	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

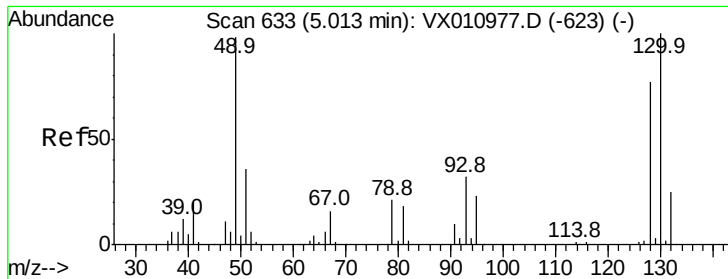
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Quant Time: Jul 25 03:40:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

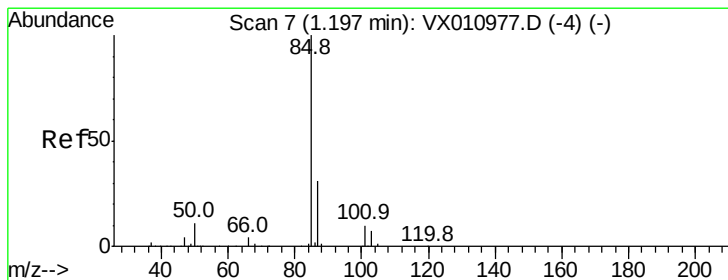
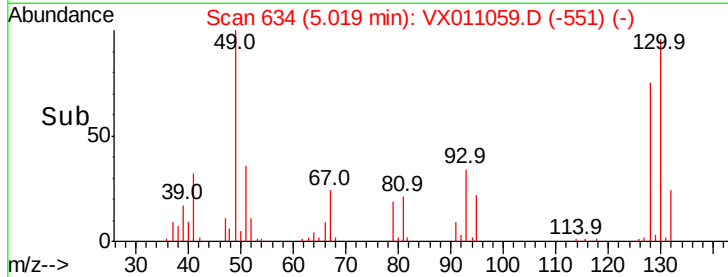
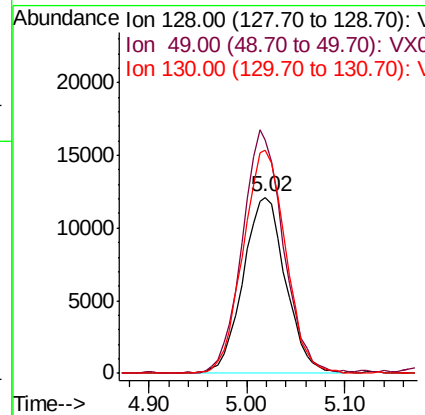
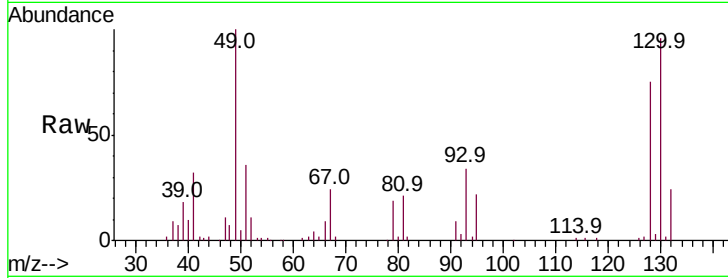
ClientSampleId :

VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	132.3	0.0	343.5
130	126.9	0.0	324.7

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#2

Dichlorodifluoromethane

Concen: 11.681 ug/l

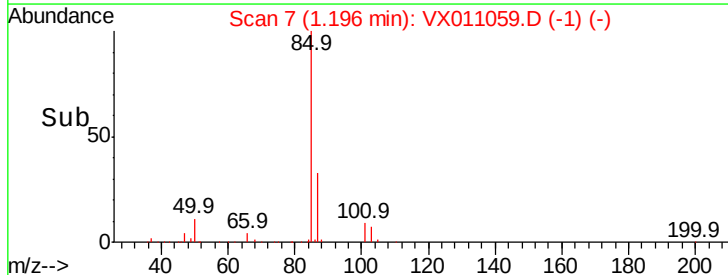
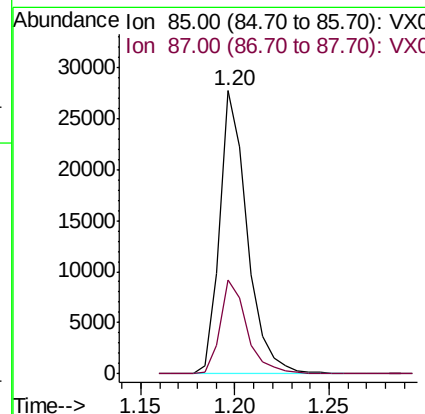
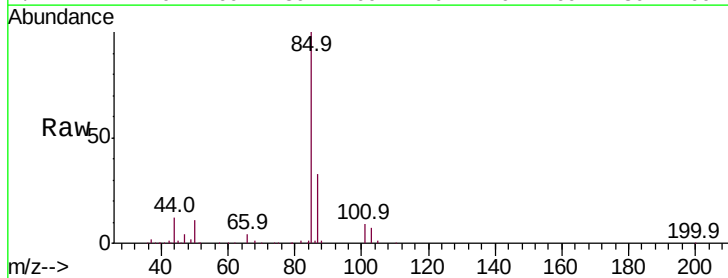
RT: 1.20 min Scan# 7

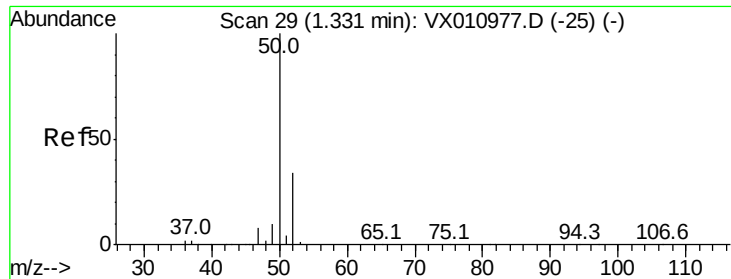
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.4	46.1





#3

Chloromethane

Concen: 15.674 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 50 Resp: 33253

Ion Ratio Lower Upper

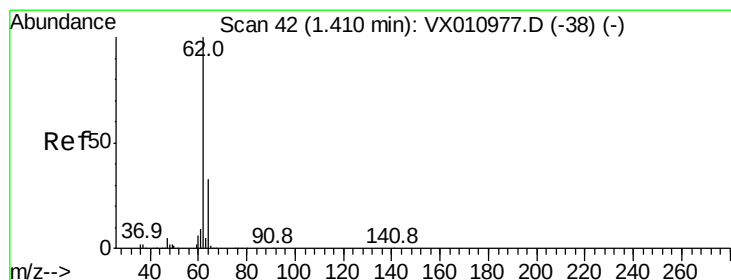
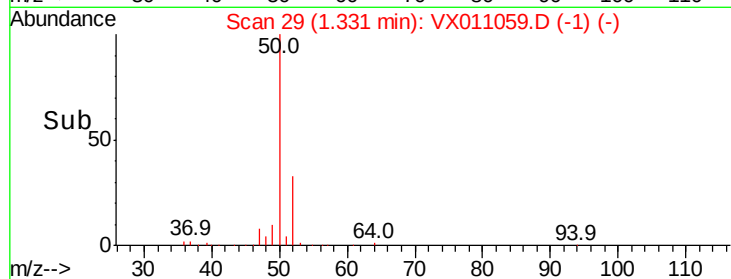
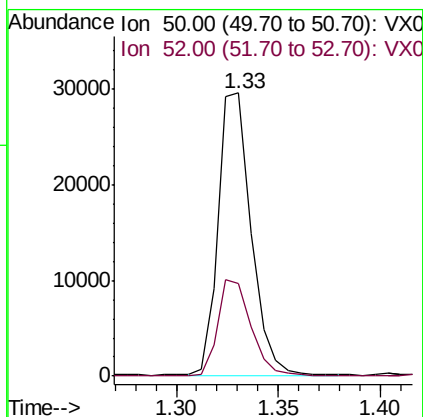
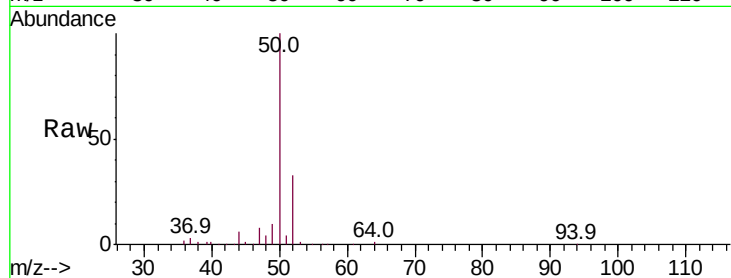
50 100

52 32.9 27.3 40.9

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#4

Vinyl Chloride

Concen: 14.176 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011059.D

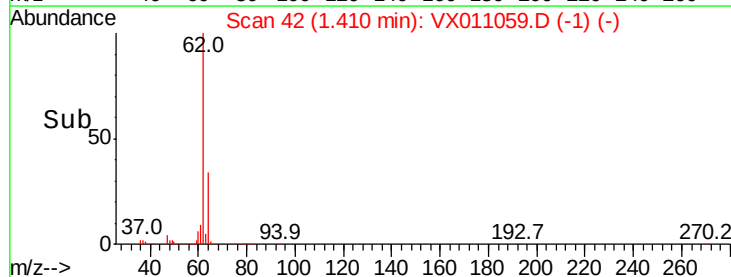
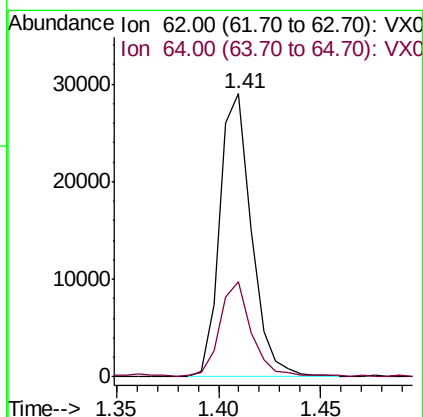
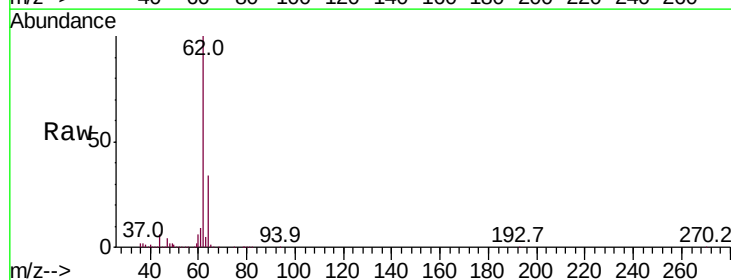
Acq: 24 Jul 2019 14:06

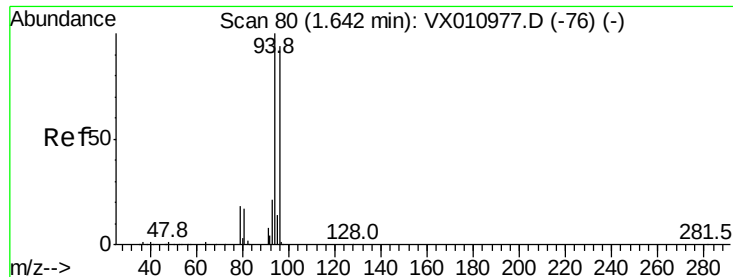
Tgt Ion: 62 Resp: 31364

Ion Ratio Lower Upper

62 100

64 33.2 26.8 40.2





#5

Bromomethane

Concen: 18.183 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 94 Resp: 22145

Ion Ratio Lower Upper

94 100

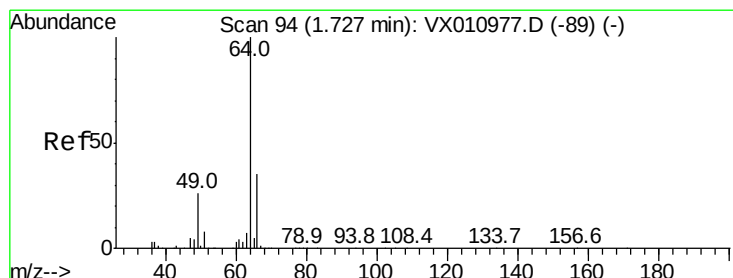
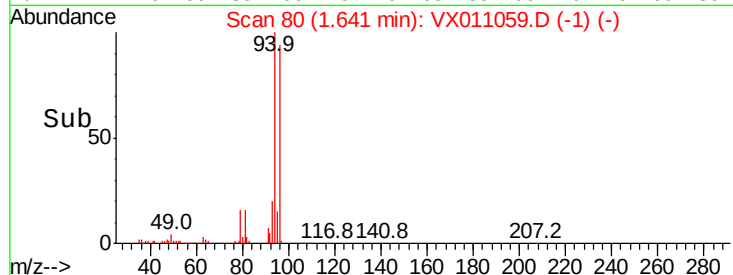
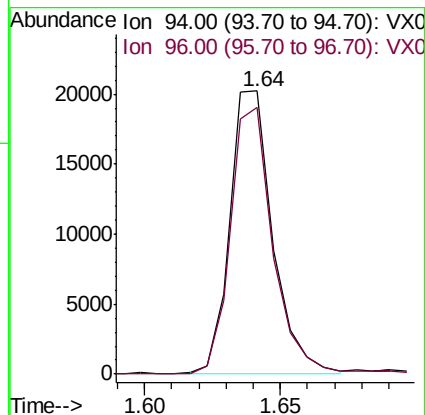
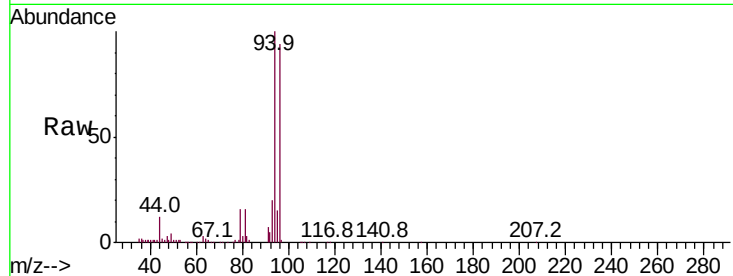
96 94.3 75.4 113.2

Manual Integrations

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#6

Chloroethane

Concen: 16.860 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX011059.D

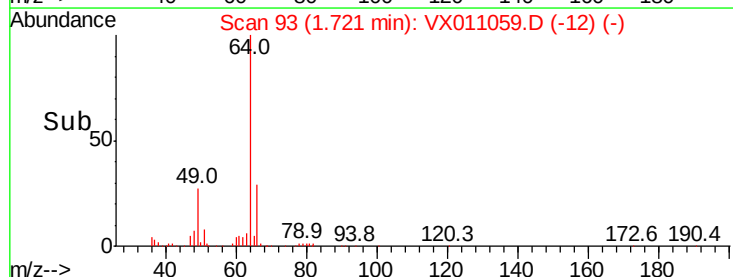
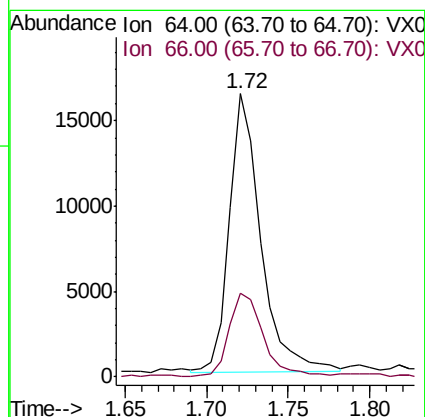
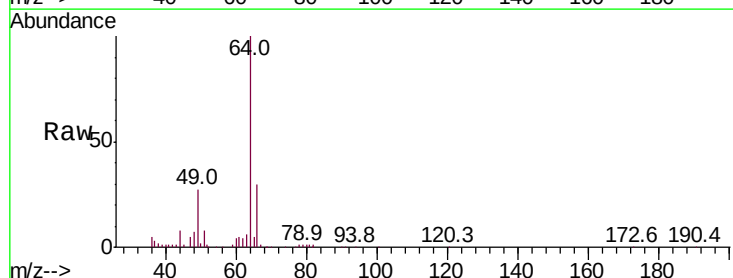
Acq: 24 Jul 2019 14:06

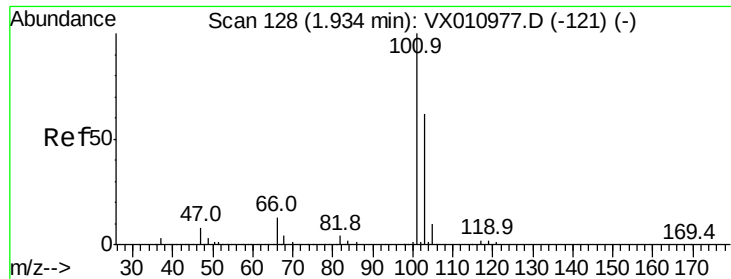
Tgt Ion: 64 Resp: 22069

Ion Ratio Lower Upper

64 100

66 30.2 28.1 42.1





#7

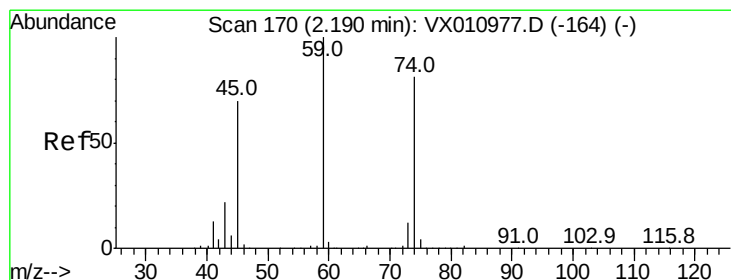
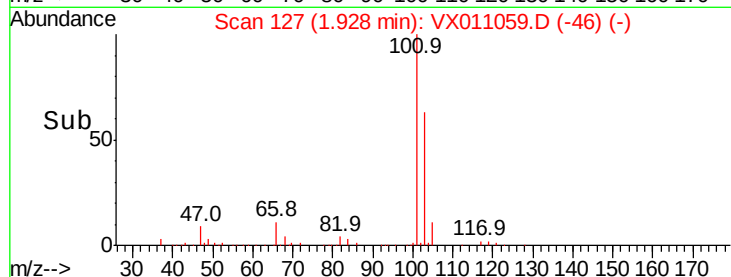
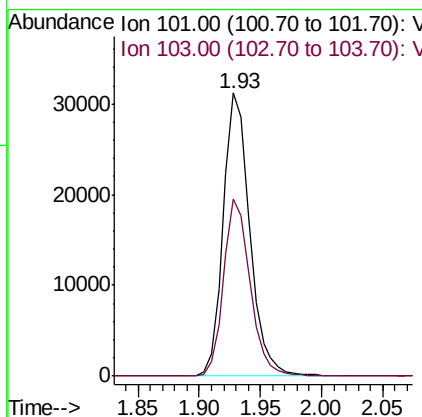
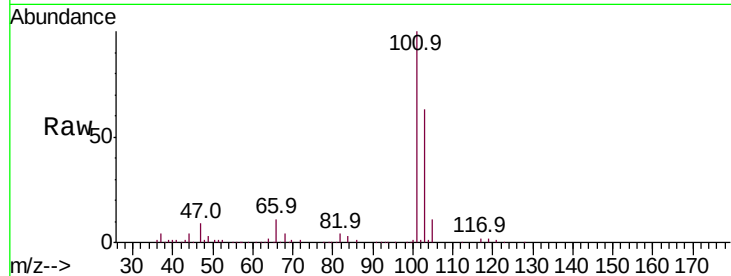
Trichlorofluoromethane
Concen: 12.789 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion:101 Resp: 46991
Ion Ratio Lower Upper
101 100
103 62.8 49.6 74.4

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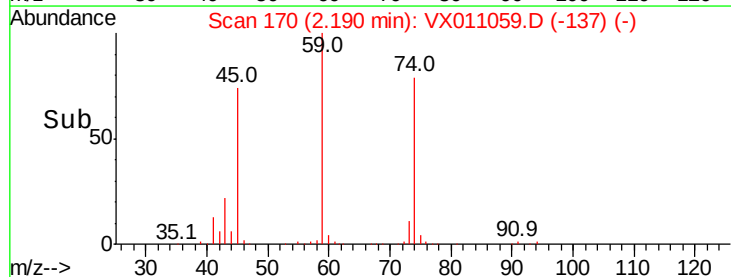
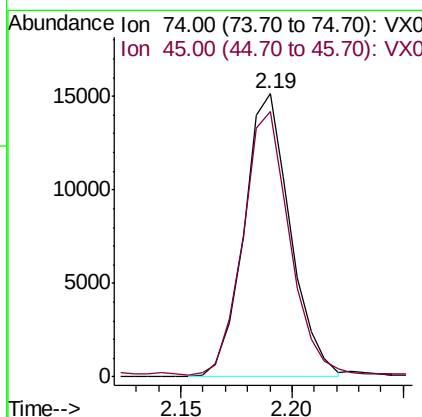
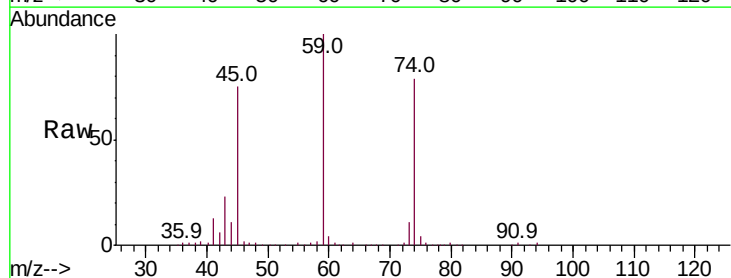
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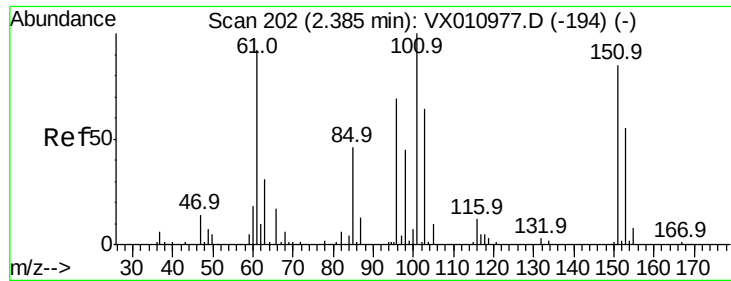


#8

Diethyl Ether
Concen: 18.155 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion: 74 Resp: 21907
Ion Ratio Lower Upper
74 100
45 93.5 18.3 164.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.786 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

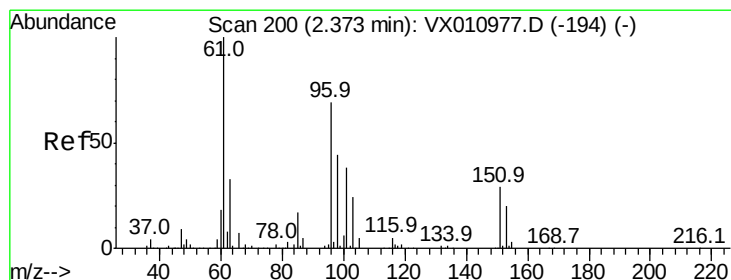
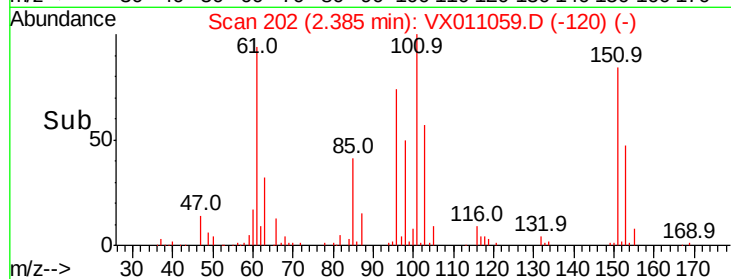
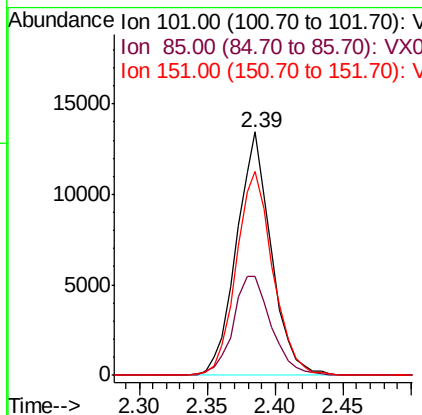
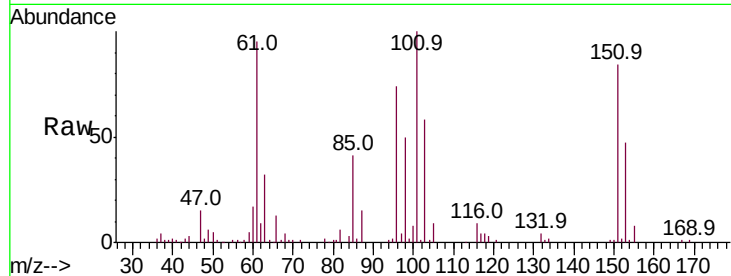
ClientSampled :

VX0724WBSD01

Tot Ion:	101	Resp:	23935
Ion Ratio	Lower	Upper	
101	100		
85	44.7	0.0	89.8
151	88.5	0.0	172.2

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#10

1,1-Dichloroethene

Concen: 14.584 ug/l

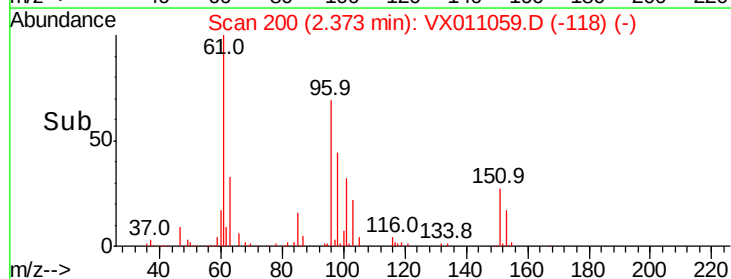
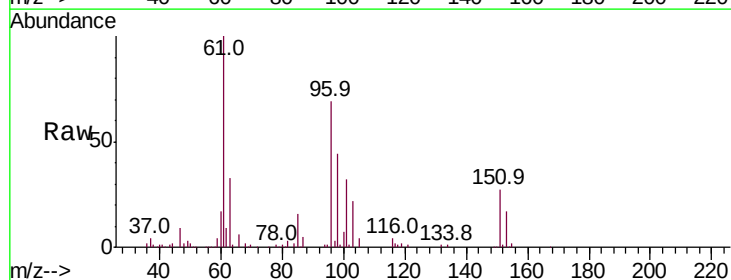
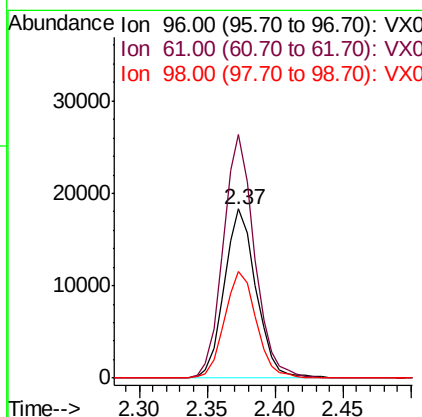
RT: 2.37 min Scan# 200

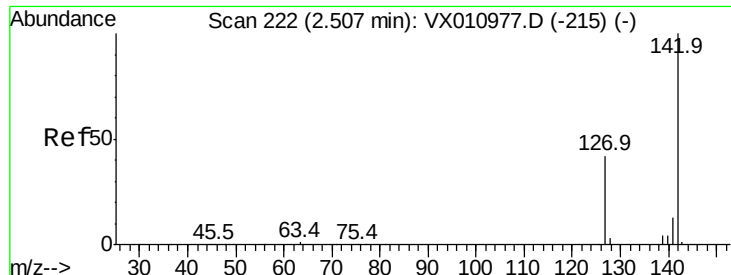
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion:	96	Resp:	29765
Ion Ratio	Lower	Upper	
96	100		
61	143.9	115.9	173.9
98	63.4	50.6	75.8





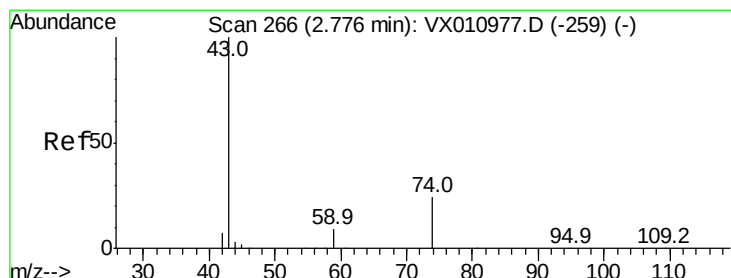
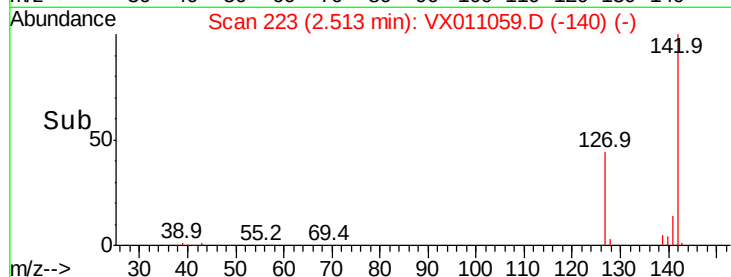
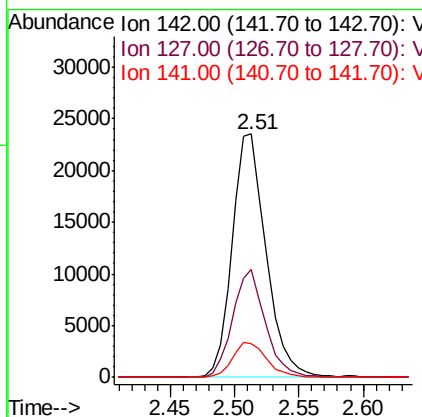
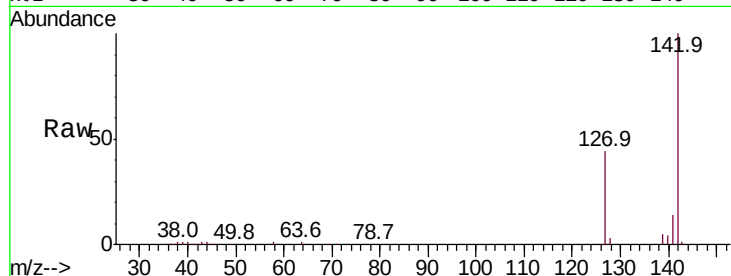
#11
Methvl Iodide
Concen: 15.722 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.3	20.7	62.1
141	14.1	6.7	20.0

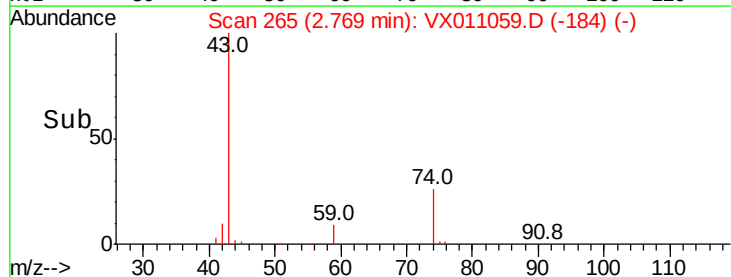
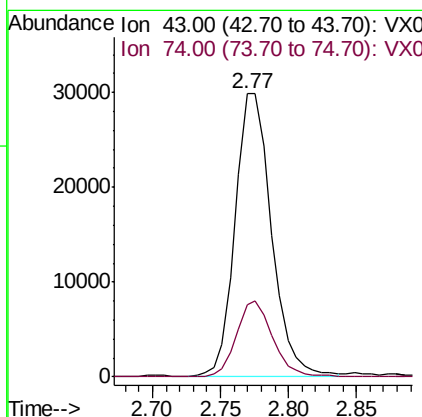
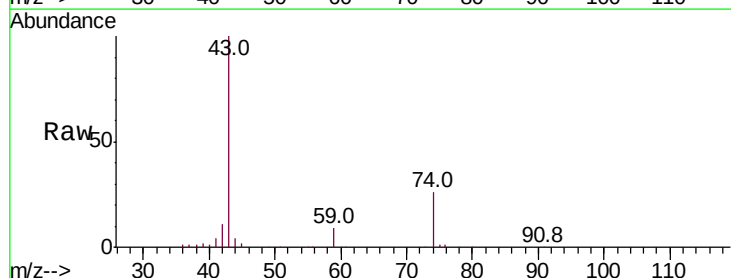
Manual Integrations
APPROVED

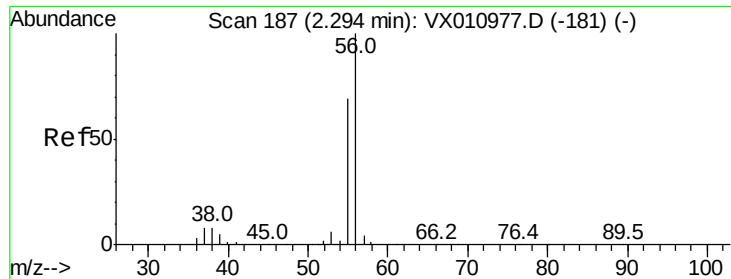
MMDadoda
7/25/2019 3:54:56 PM



#12
Methyl Acetate
Concen: 19.436 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	19.8	29.6





#13

Acrolein

Concen: 95.222 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 56 Resp: 32727

Ion Ratio Lower Upper

56 100

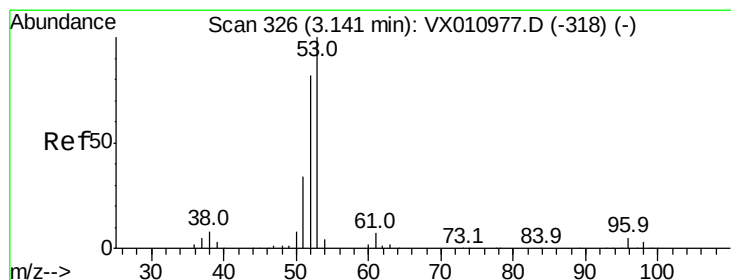
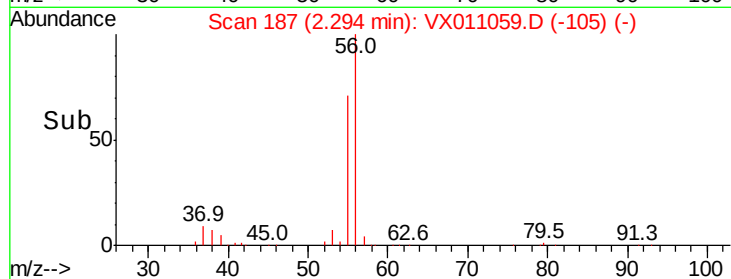
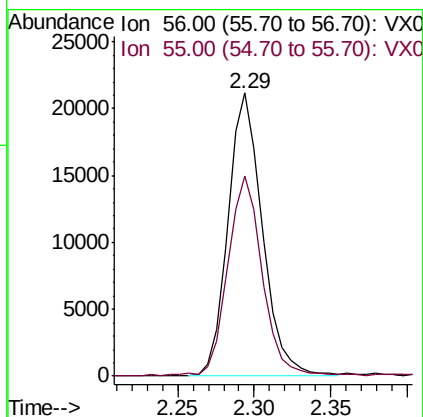
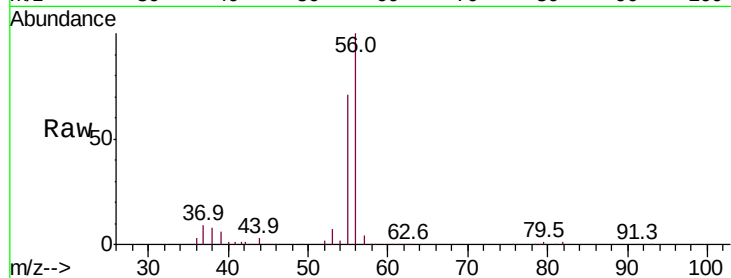
55 69.9 56.1 84.1

Manual Integrations

APPROVED

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#14

Acrylonitrile

Concen: 98.629 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

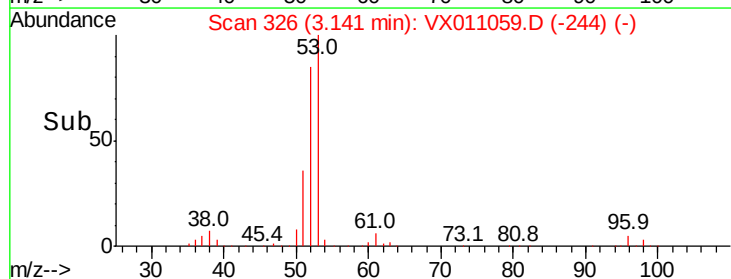
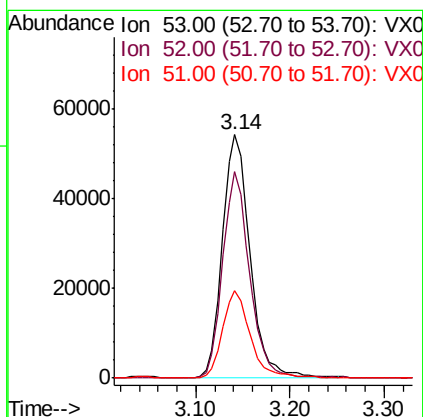
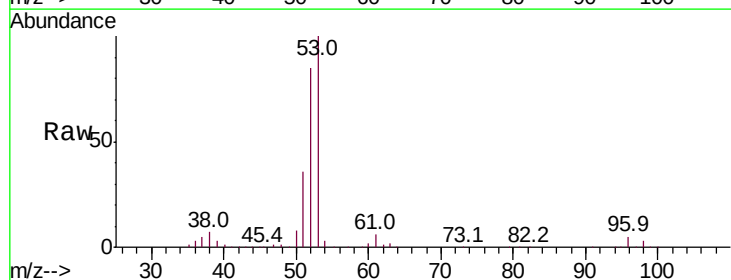
Tgt Ion: 53 Resp: 110650

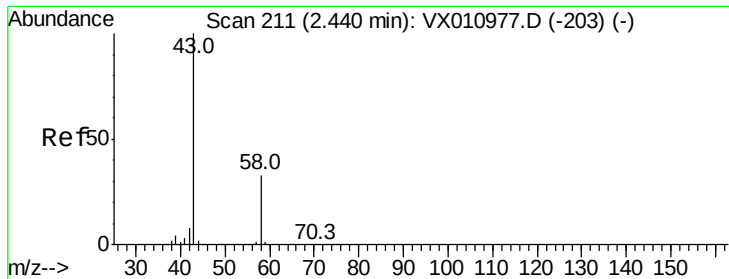
Ion Ratio Lower Upper

53 100

52 82.4 41.1 123.4

51 35.3 17.8 53.3





#15

Acetone

Concen: 107.118 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 58 Resp: 33464

Ion Ratio Lower Upper

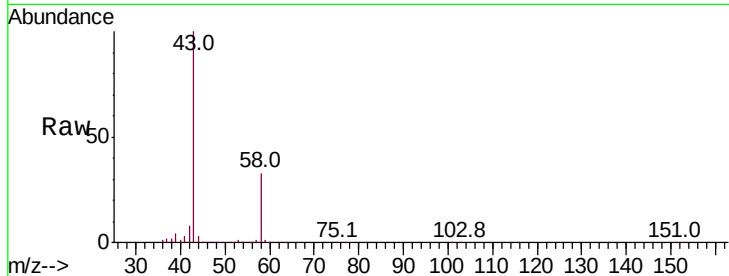
58 100

43 303.1 243.8 365.6

Manual Integrations
APPROVED

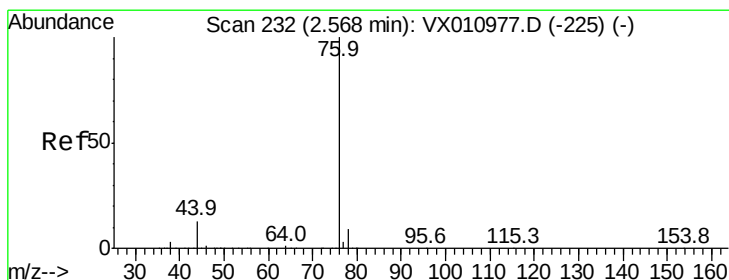
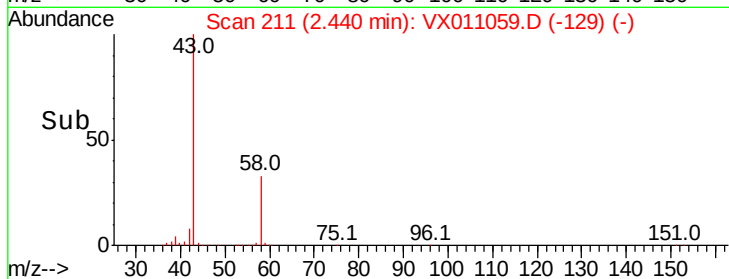
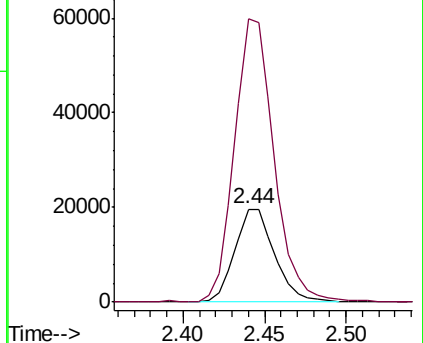
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 12.091 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX011059.D

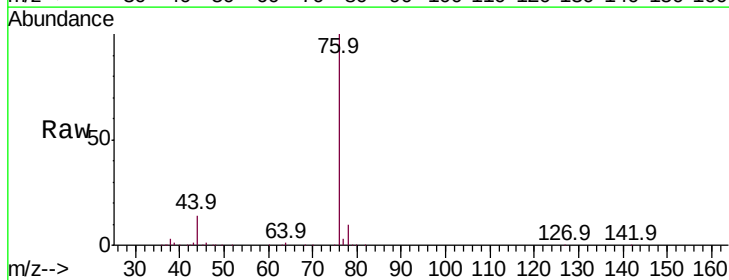
Acq: 24 Jul 2019 14:06

Tgt Ion: 76 Resp: 63407

Ion Ratio Lower Upper

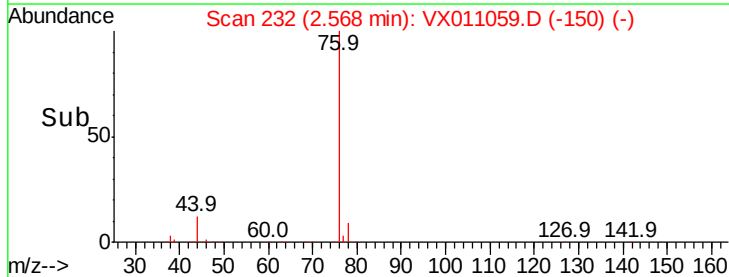
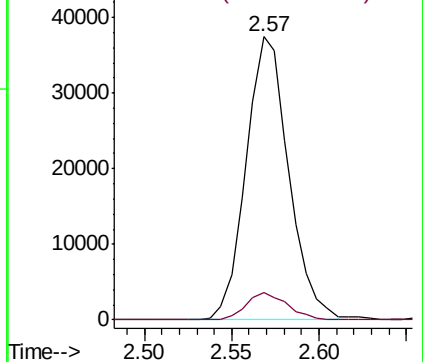
76 100

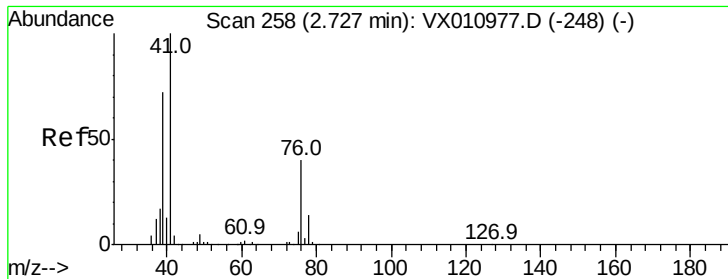
78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





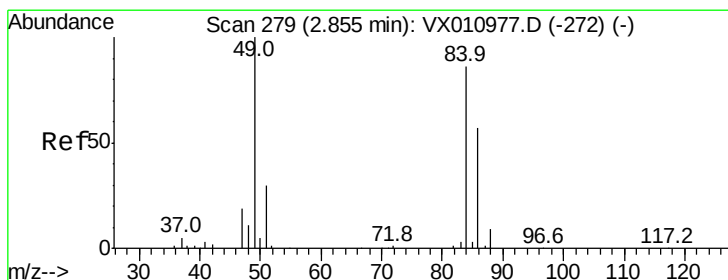
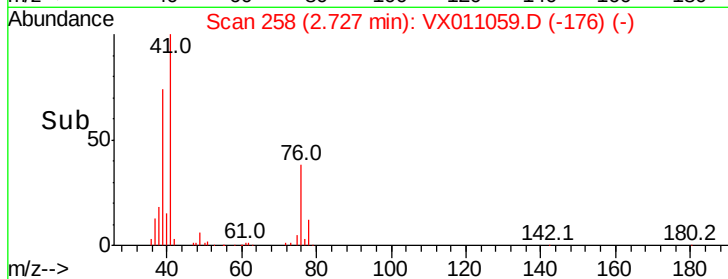
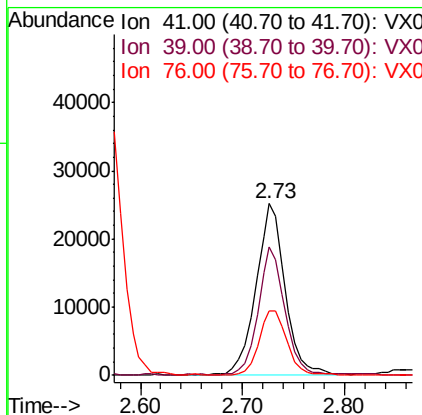
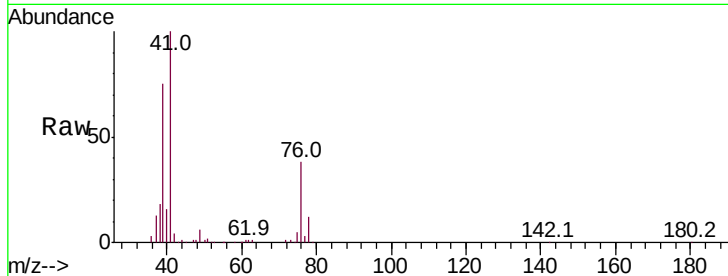
#17
Allvl chloride
Concen: 17.079 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	74.1	36.1	108.3	
76	37.8	20.2	60.5	

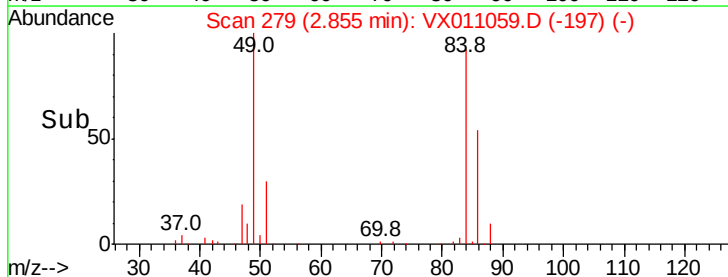
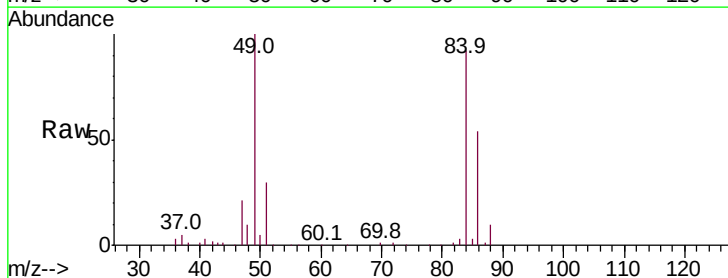
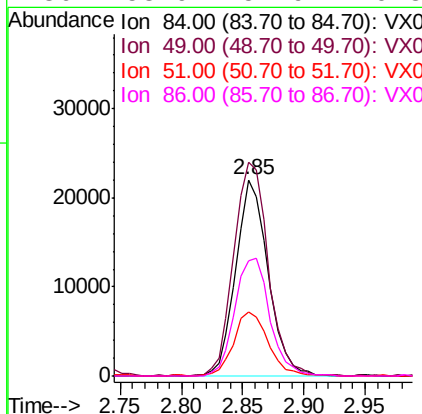
Manual Integrations
APPROVED

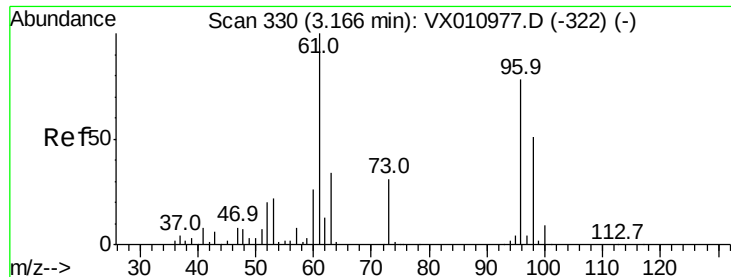
MMDadoda
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#18
Methylene Chloride
Concen: 17.848 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	108.8	93.2	139.8	
51	32.3	28.6	42.8	
86	58.9	52.9	79.3	





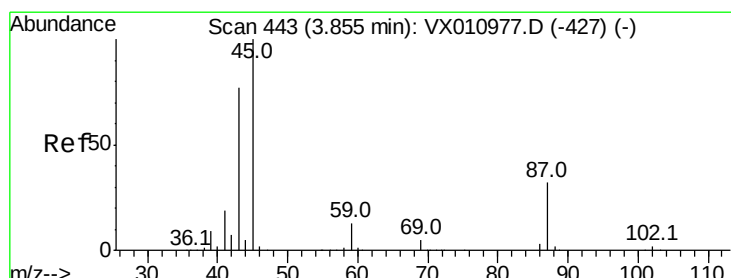
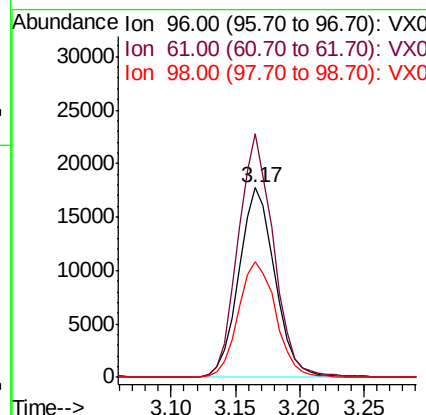
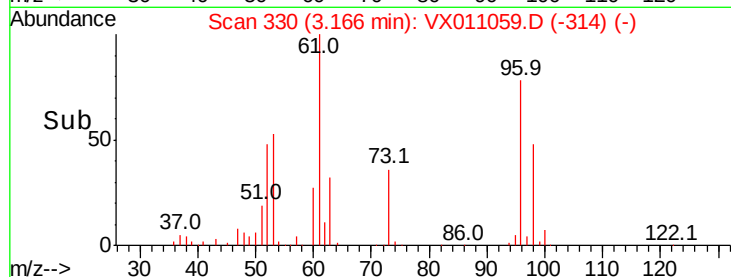
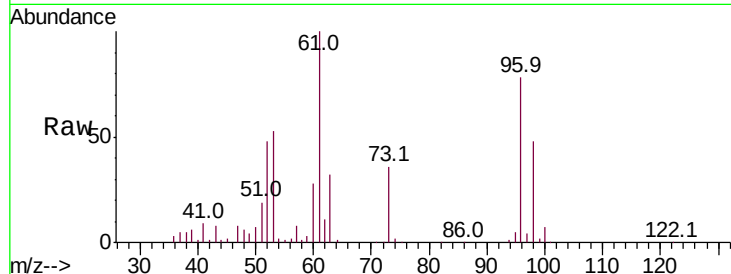
#19
trans-1,2-Dichloroethene
Concen: 15.970 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	102.2	153.4
98	61.3	52.2	78.2

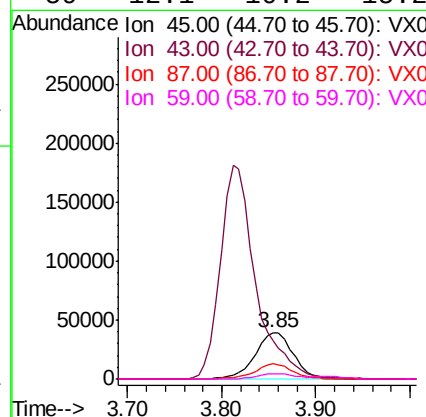
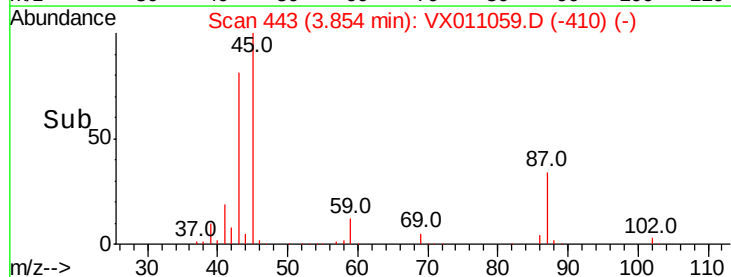
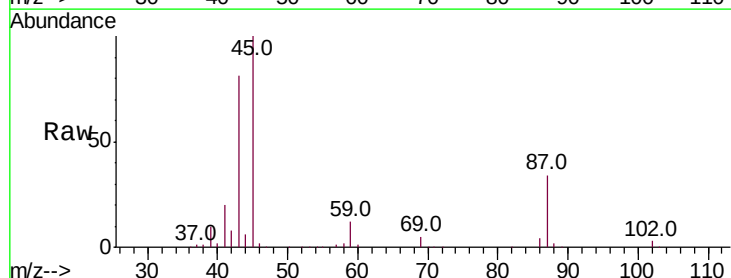
Manual Integrations
APPROVED

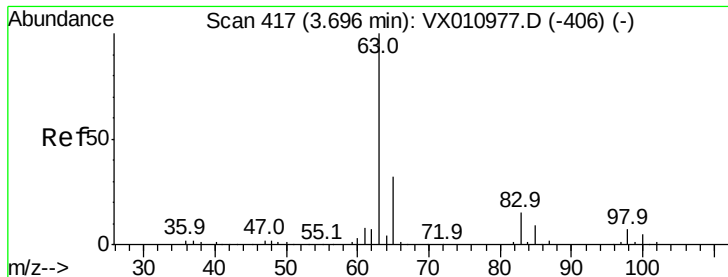
MMDadoda
7/25/2019 3:54:56 PM



#20
Diisopropyl ether
Concen: 17.965 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	79.1	61.5	92.3
87	33.7	25.4	38.2
59	12.1	10.2	15.2





#21

1,1-Dichloroethane

Concen: 17.352 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

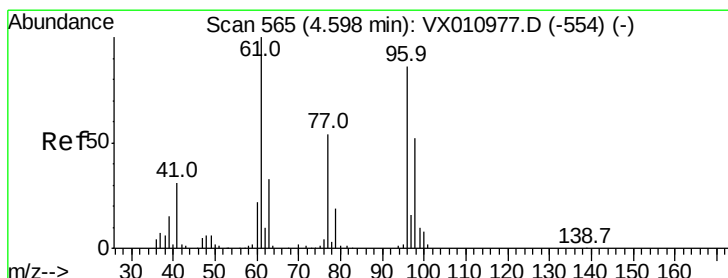
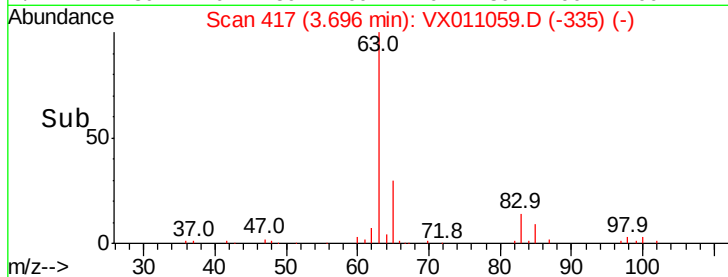
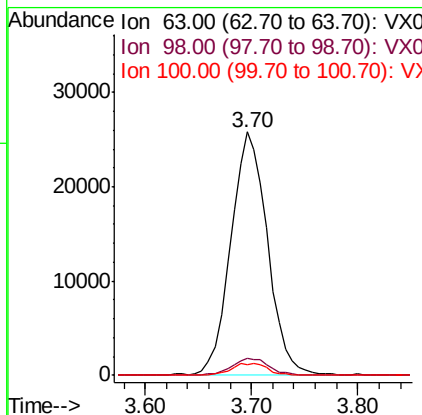
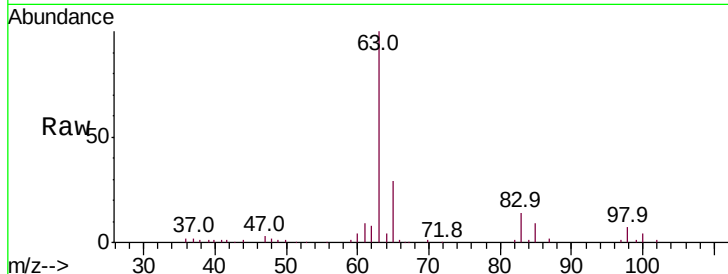
ClientSampleId :

VX0724WBSD01

Tot Ion:	63	Resp:	62284
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.8	11.2
100	4.3	2.5	7.4

Manual Integrations
APPROVED

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7/25/2019 3:54:56 PM



#22

cis-1,2-Dichloroethene

Concen: 17.487 ug/l

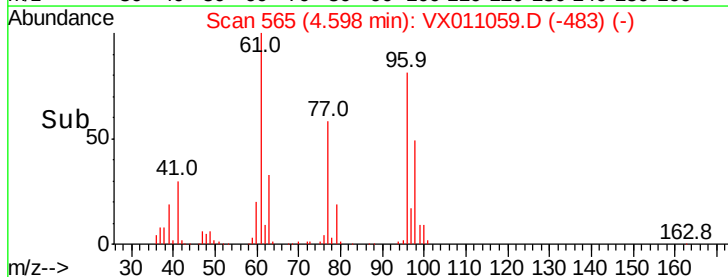
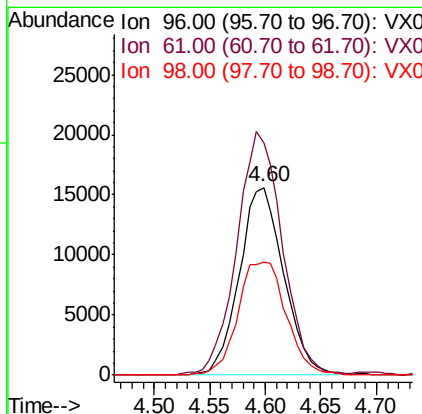
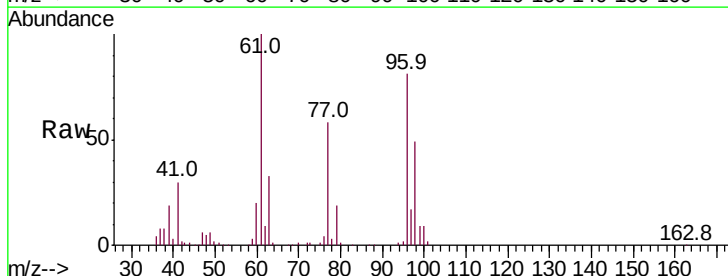
RT: 4.60 min Scan# 565

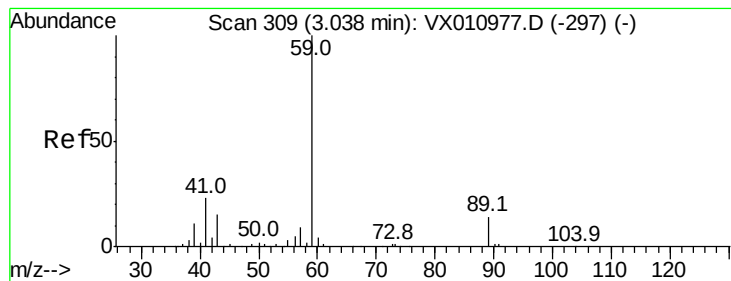
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion:	96	Resp:	43360
Ion Ratio	Lower	Upper	
96	100		
61	132.8	102.9	154.3
98	29.9	50.9	76.3#





#23

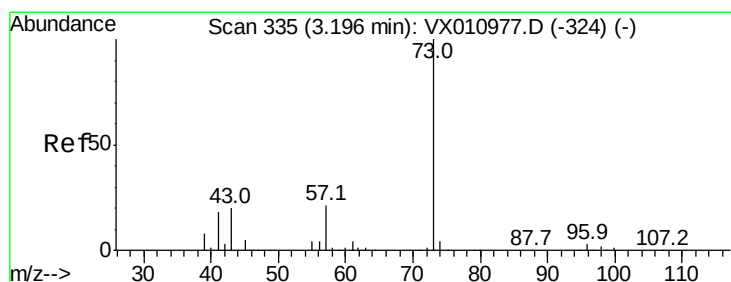
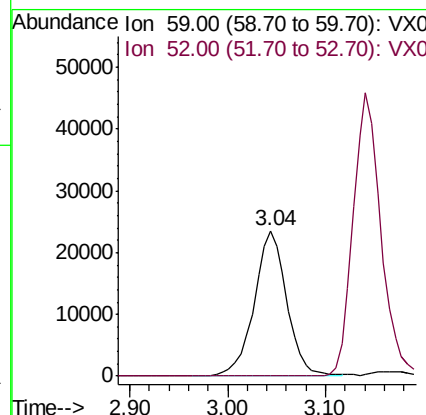
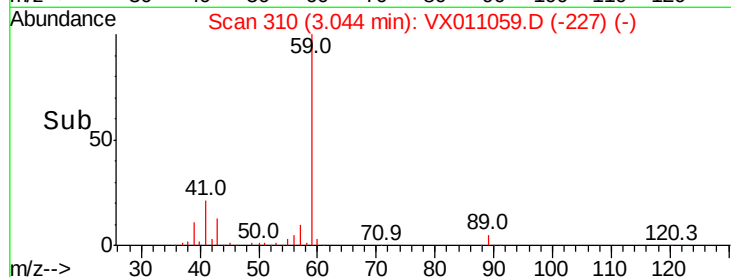
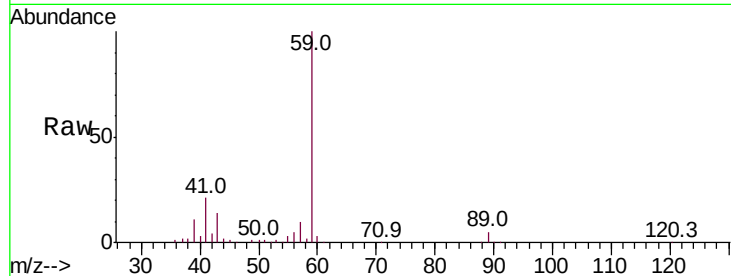
tert-Butyl Alcohol
 Concen: 92.746 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion: 59 Resp: 54326
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.4

Manual Integrations
 APPROVED

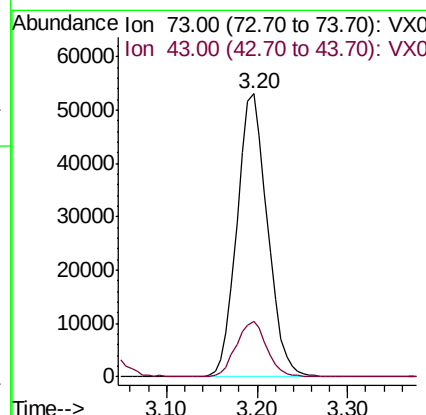
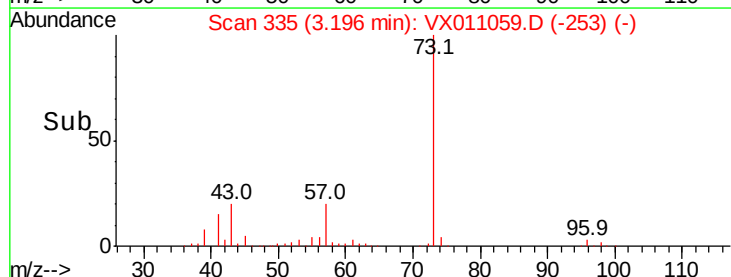
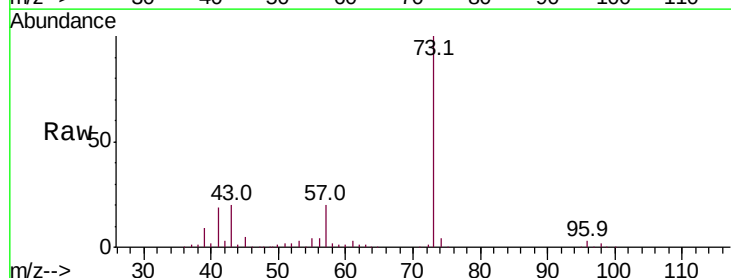
MMDadoda
 7/25/2019 3:54:56 PM

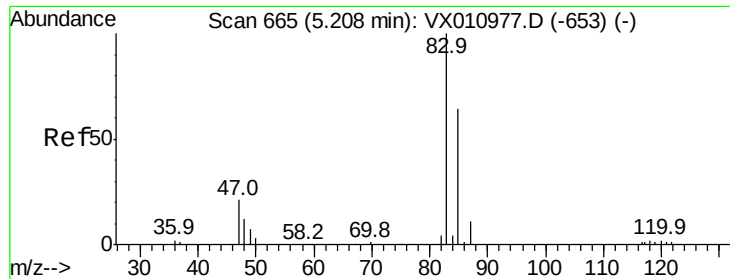


#24

Methyl tert-Butyl Ether
 Concen: 18.915 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion: 73 Resp: 123926
 Ion Ratio Lower Upper
 73 100
 43 19.4 15.8 23.6





#25

Chloroform

Concen: 17.478 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 83 Resp: 68715

Ion Ratio Lower Upper

83 100

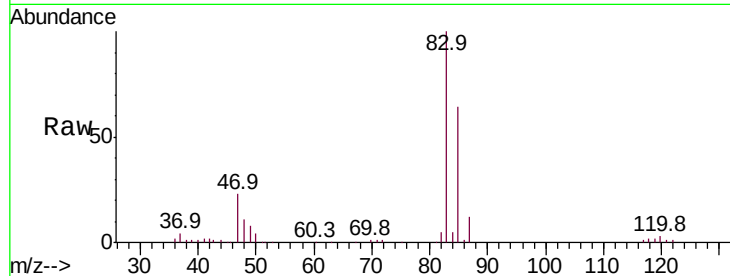
85 64.1 50.9 76.3

Manual Integrations

APPROVED

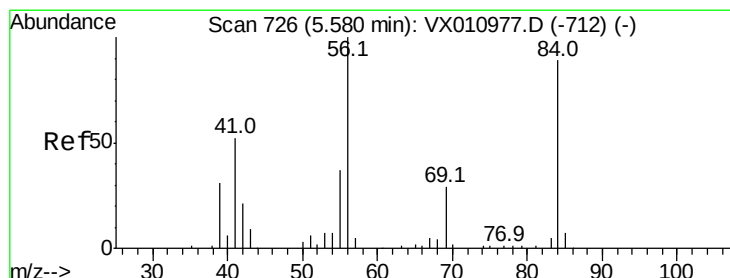
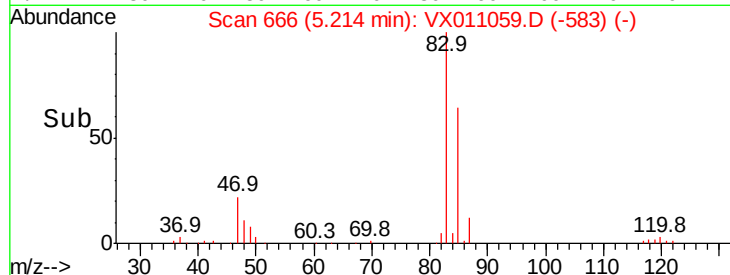
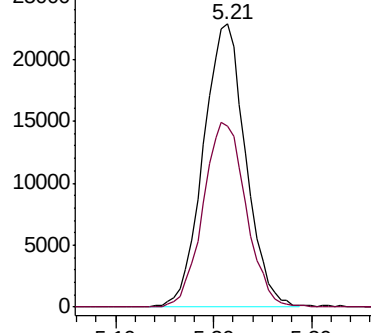
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 11.226 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

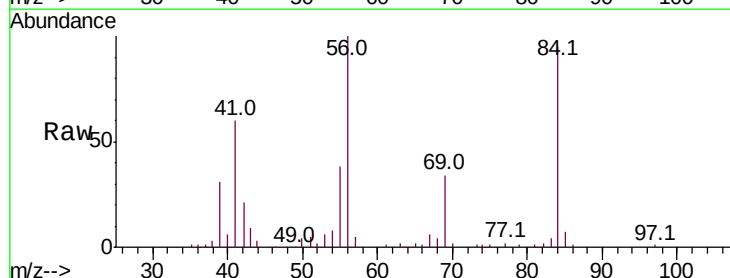
Tgt Ion: 56 Resp: 36873

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

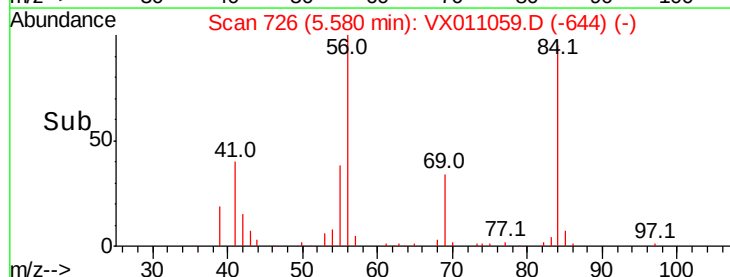
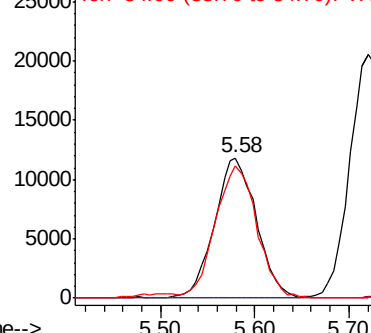
84 93.9 73.0 109.4

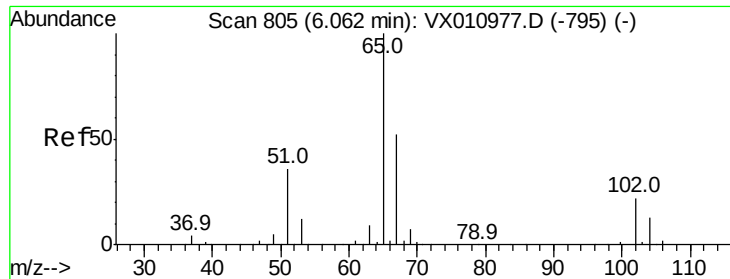


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





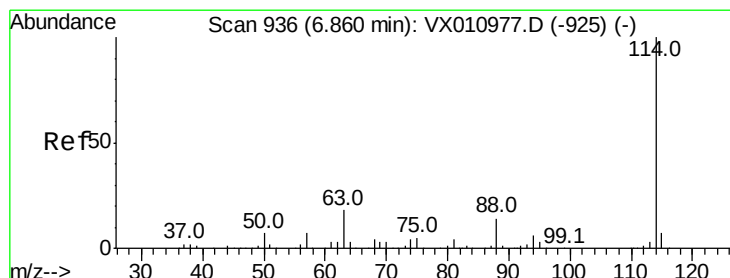
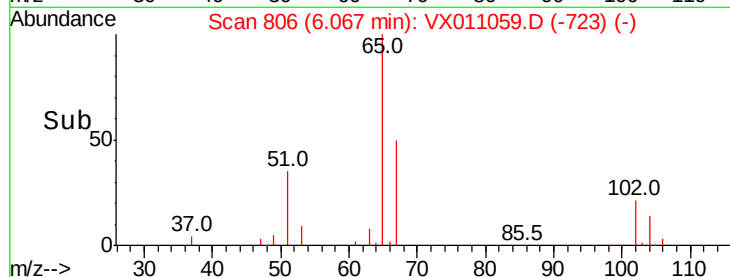
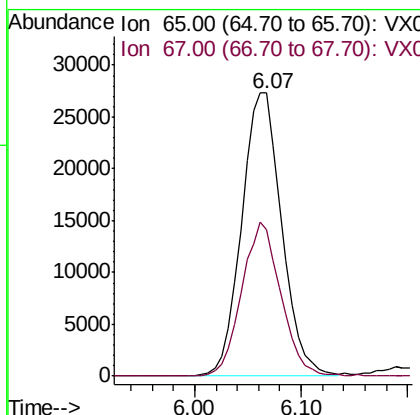
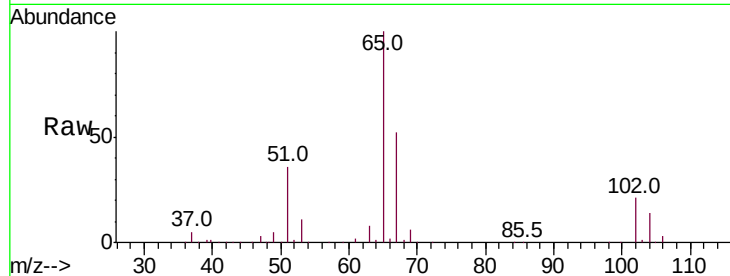
#27
 1,2-Dichloroethane-d4
 Concen: 29.282 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion: 65 Resp: 72444
 Ion Ratio Lower Upper
 65 100
 67 52.6 41.7 62.5

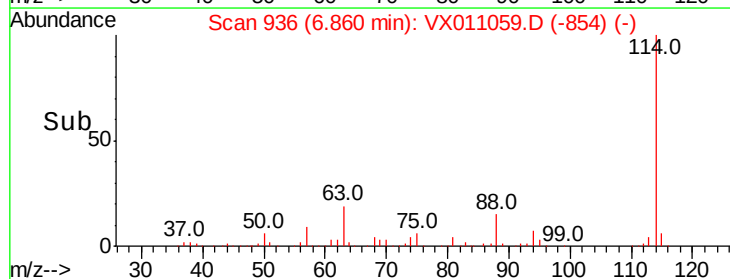
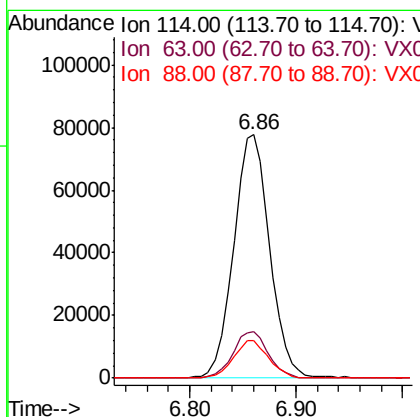
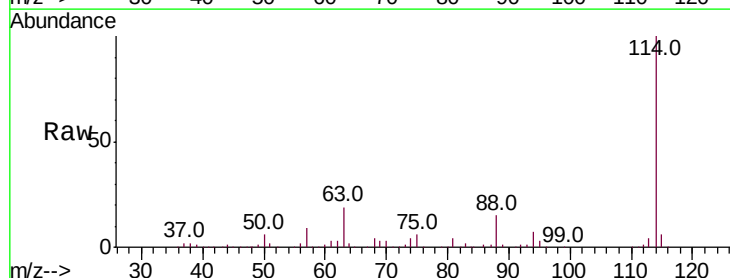
Manual Integrations
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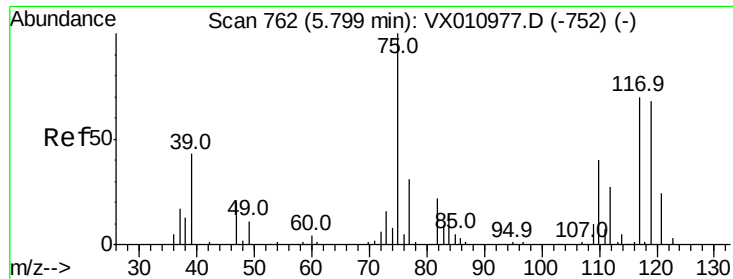
MMDadoda
 7/25/2019 3:54:56 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion: 114 Resp: 184378
 Ion Ratio Lower Upper
 114 100
 63 18.7 14.6 22.0
 88 15.1 11.8 17.8





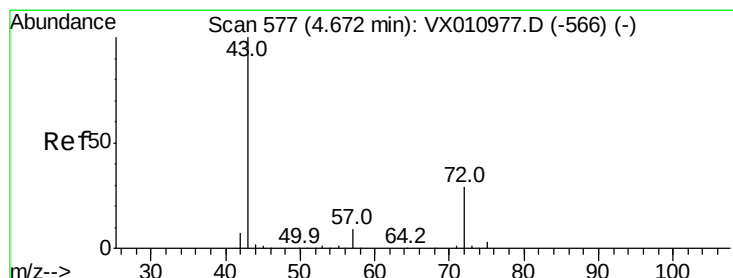
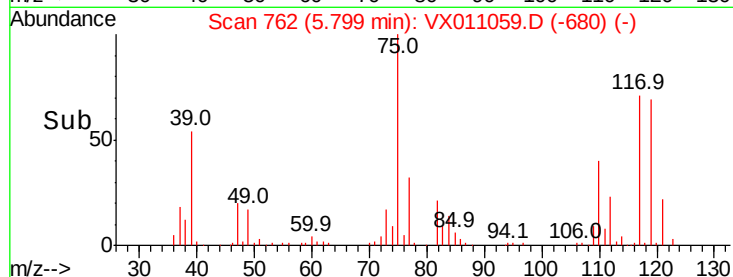
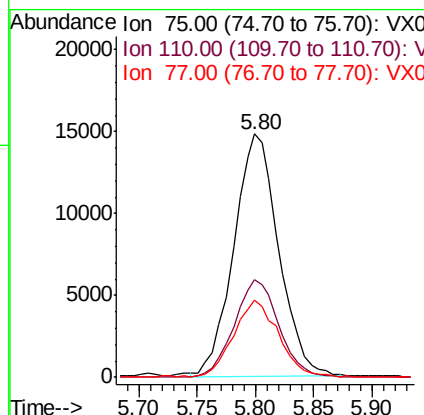
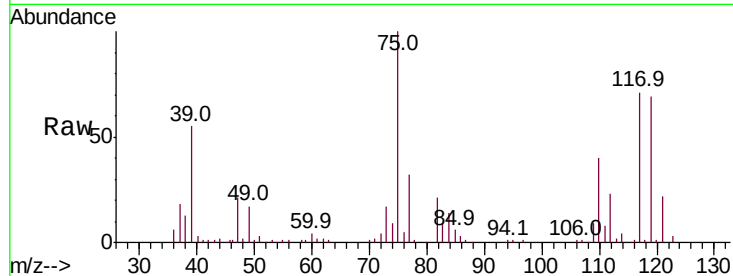
#29
 1,1-Dichloropropene
 Concen: 15.283 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.9	0.0	79.8
77	32.2	0.0	62.2

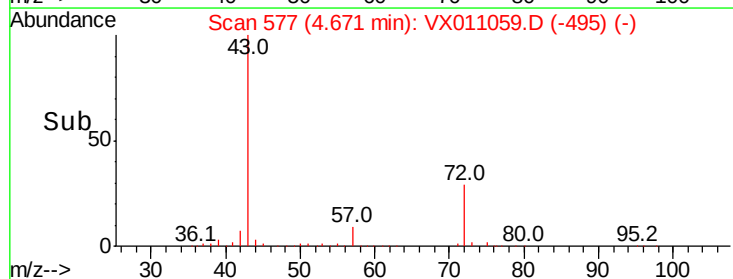
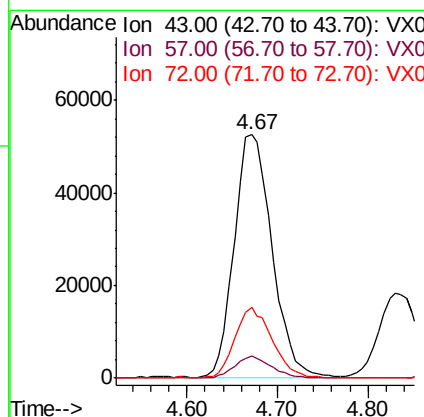
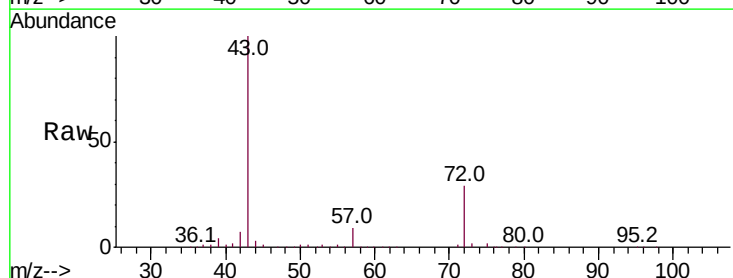
Manual Integrations
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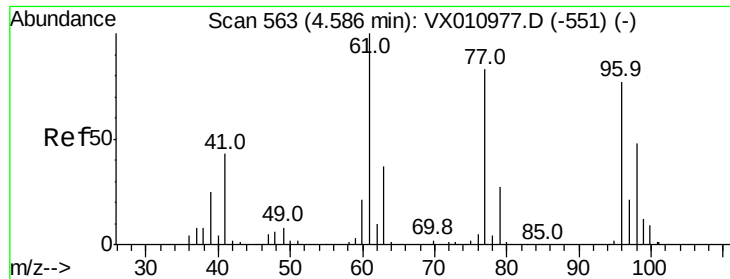
MMDadoda
 7/25/2019 3:54:56 PM



#30
 2-Butanone
 Concen: 108.301 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	28.1	23.2	34.8





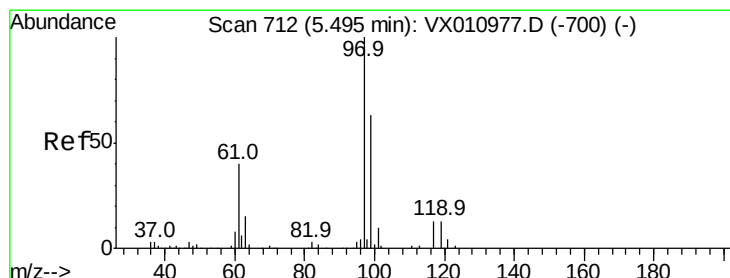
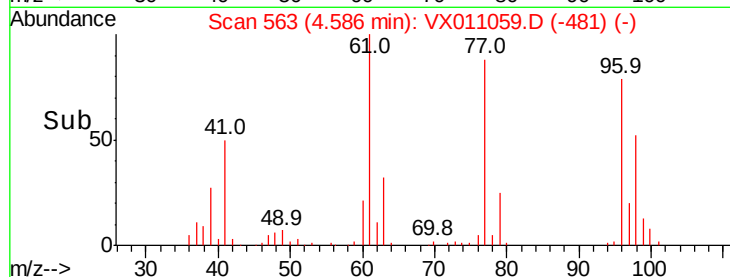
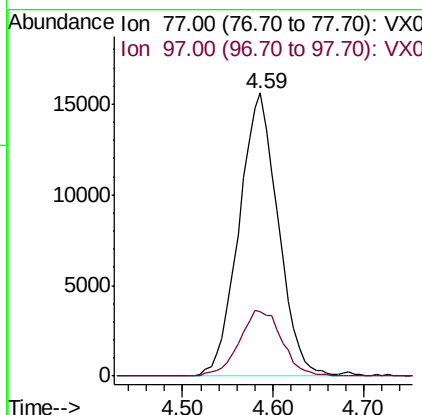
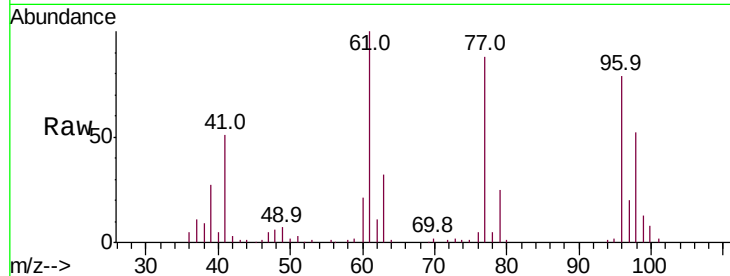
#31
 2,2-Dichloropropane
 Concen: 20.633 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion: 77 Resp: 46699
 Ion Ratio Lower Upper
 77 100
 97 25.1 20.9 31.3

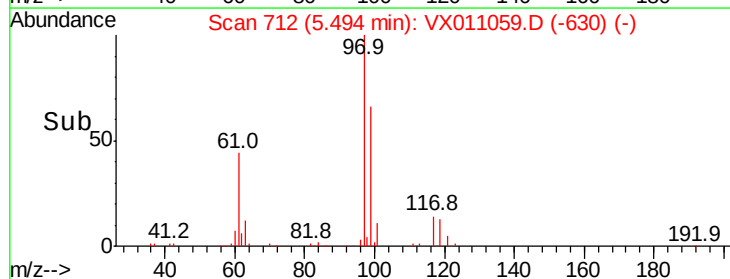
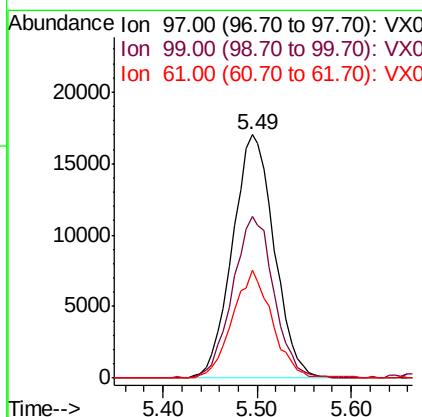
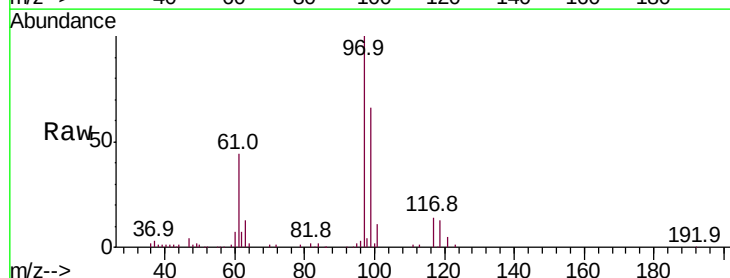
Manual Integrations
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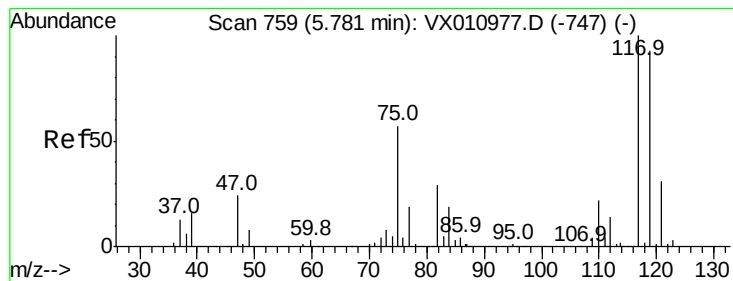
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#32
 1,1,1-Trichloroethane
 Concen: 16.868 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion: 97 Resp: 52743
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.0 76.6
 61 41.8 34.3 51.5





#33

Carbon Tetrachloride

Concen: 15.436 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

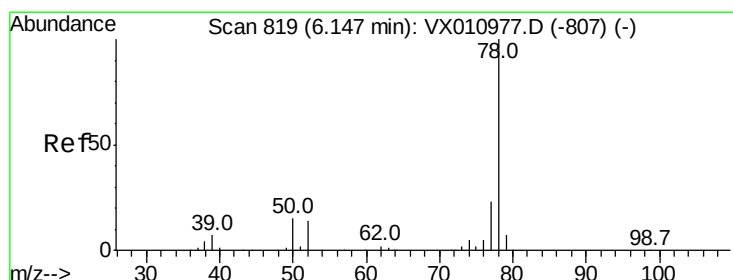
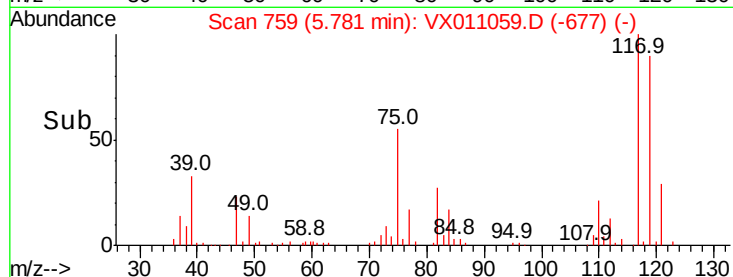
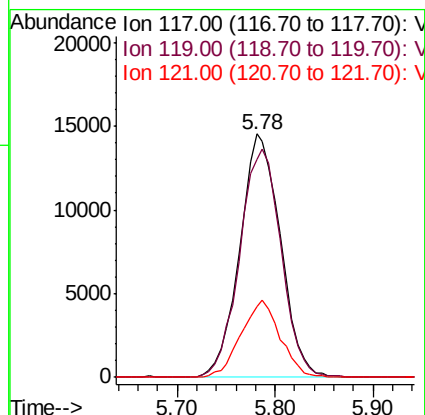
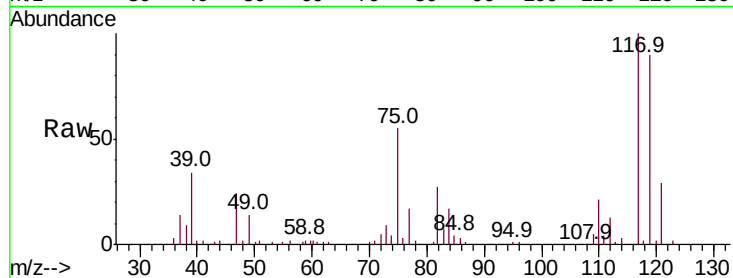
ClientSampleId :

VX0724WBSD01

Tot Ion:	117	Resp:	41964
Ion	Ratio	Lower	Upper
117	100		
119	89.8	74.3	111.5
121	29.0	24.9	37.3

Manual Integrations
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#34

Benzene

Concen: 18.634 ug/l

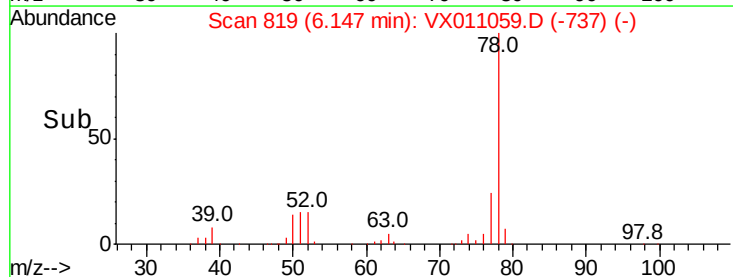
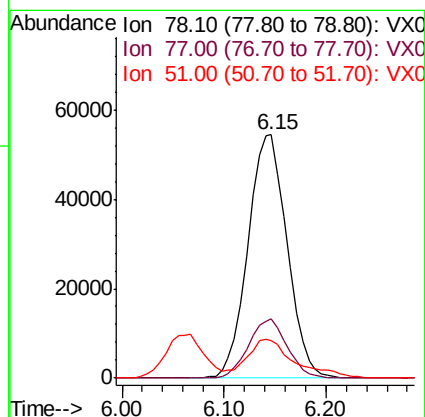
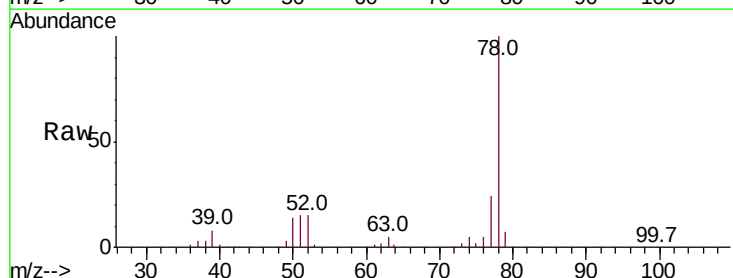
RT: 6.15 min Scan# 819

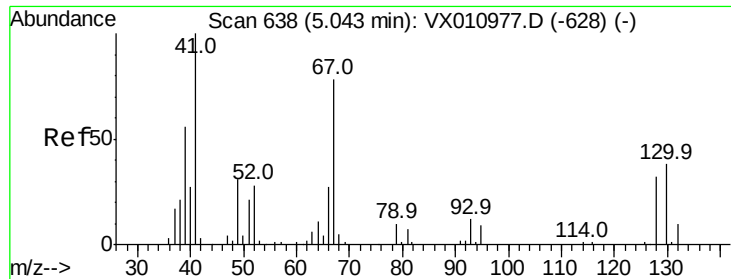
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion:	78	Resp:	144931
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.4
51	13.3	11.4	17.2





#35

Methacrylonitrile

Concen: 20.384 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 41 Resp: 29701
Ion Ratio Lower Upper

41 100

39 50.0 27.6 82.8

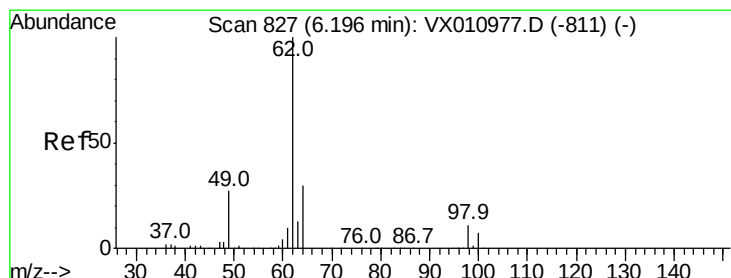
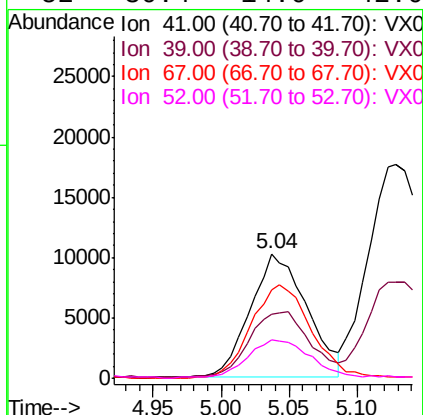
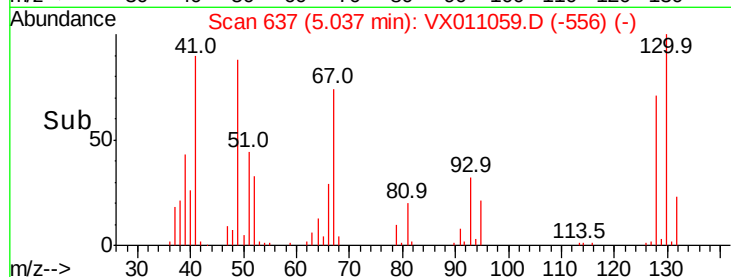
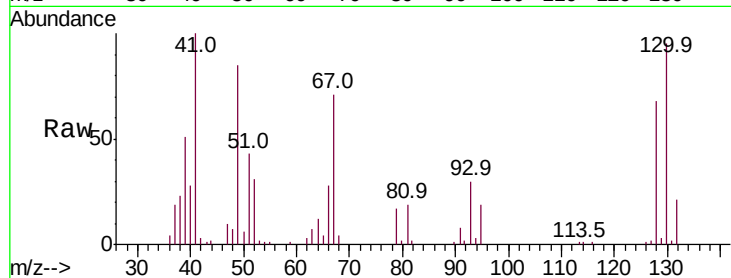
67 71.3 39.1 117.2

52 30.4 14.0 42.0

Manual Integrations
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#36

1,2-Dichloroethane

Concen: 20.436 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

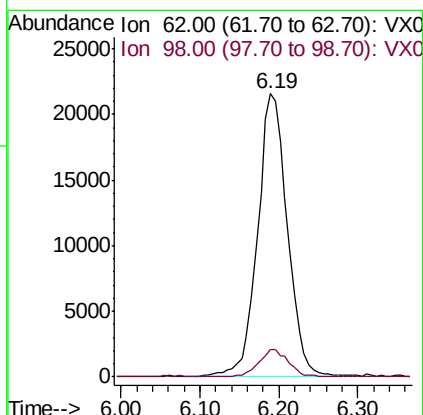
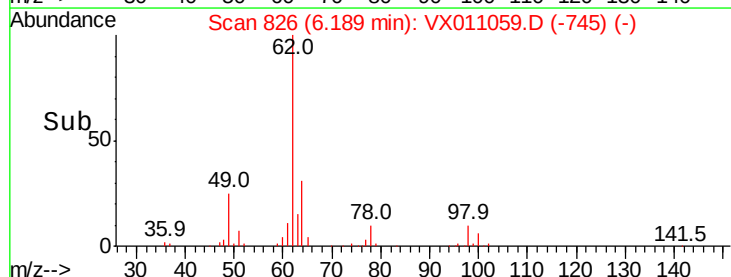
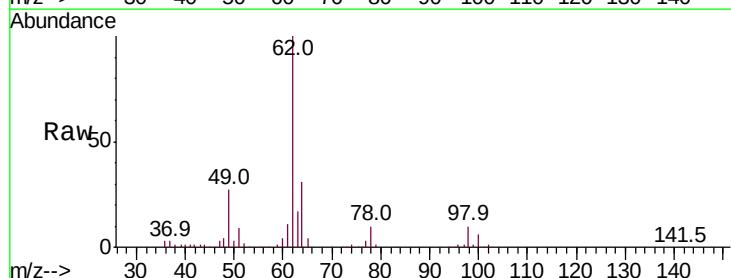
Lab File: VX011059.D

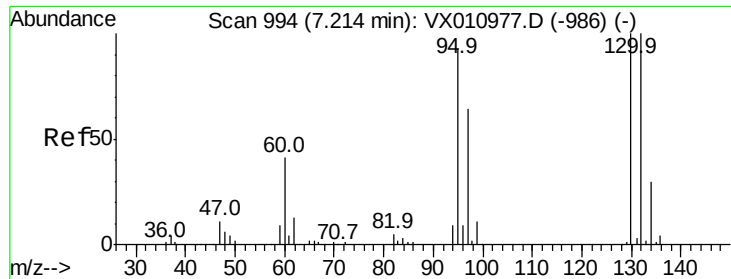
Acq: 24 Jul 2019 14:06

Tgt Ion: 62 Resp: 56833
Ion Ratio Lower Upper

62 100

98 9.4 8.0 12.0





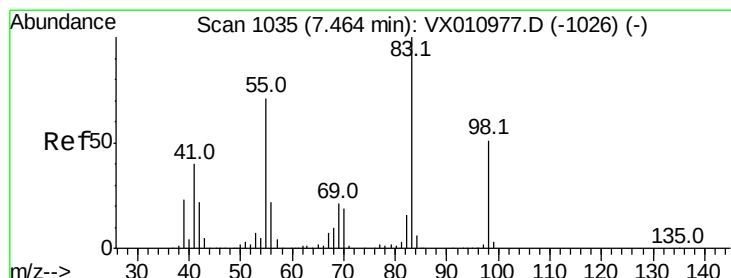
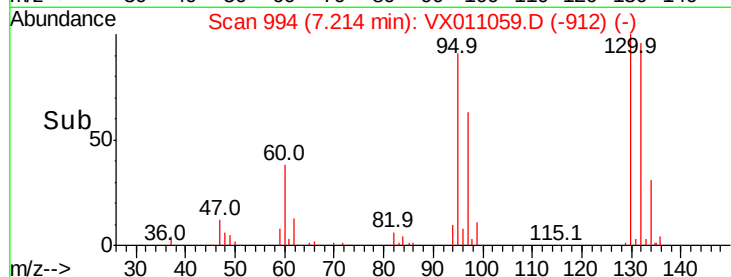
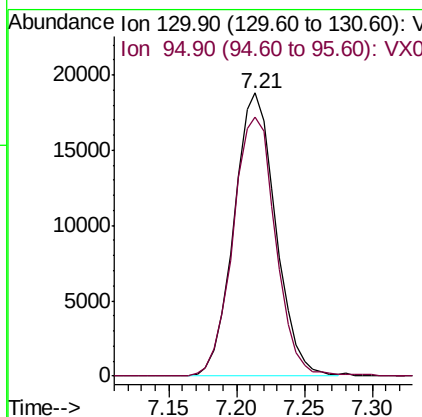
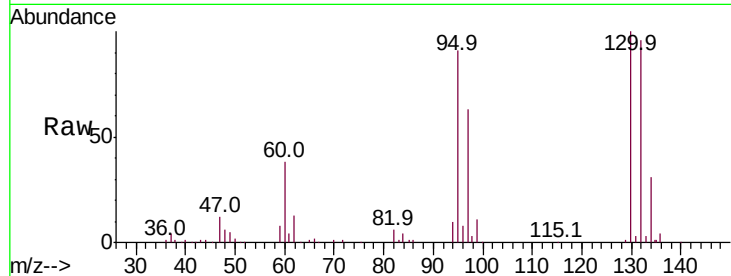
#37
 Trichloroethene
 Concen: 17.714 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion:130 Resp: 40336
 Ion Ratio Lower Upper
 130 100
 95 91.1 74.1 111.1

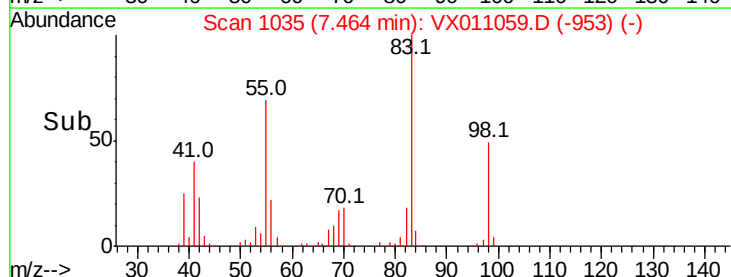
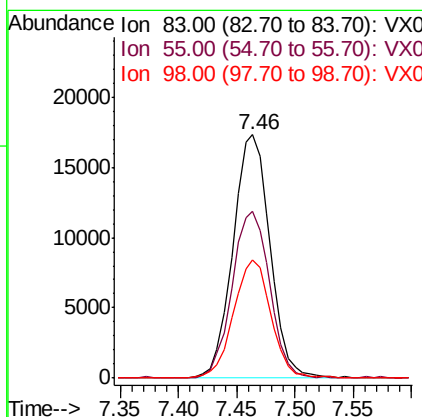
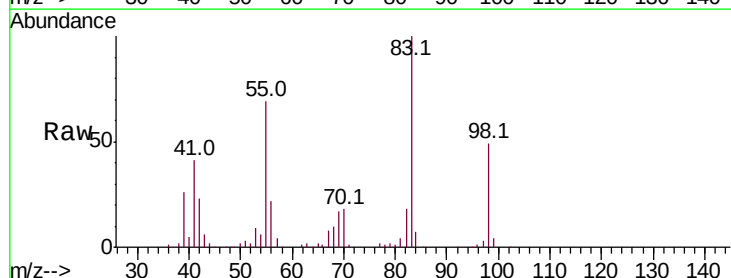
Manual Integrations
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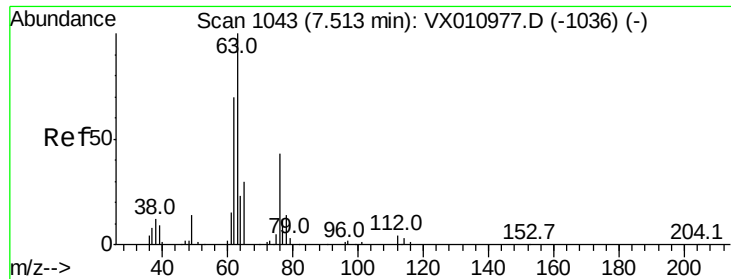
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#38
 Methylcyclohexane
 Concen: 11.731 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion: 83 Resp: 38390
 Ion Ratio Lower Upper
 83 100
 55 69.5 35.3 105.9
 98 48.9 24.0 72.0





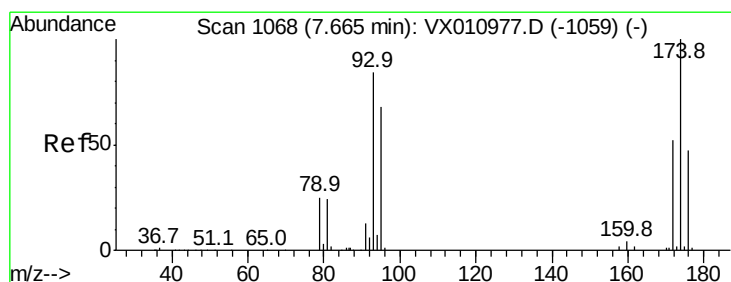
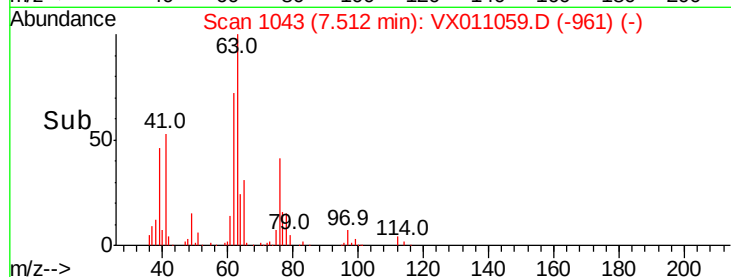
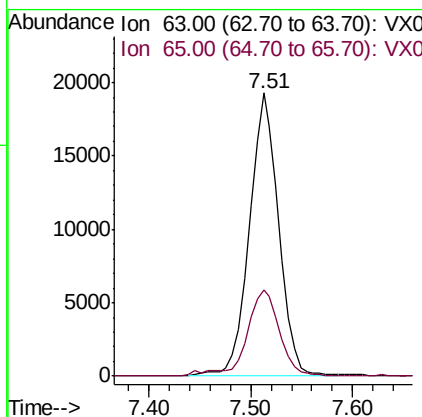
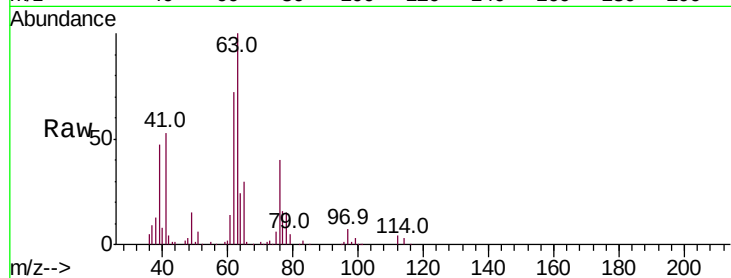
#39
 1,2-Dichloropropane
 Concen: 19.828 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.6	38.4

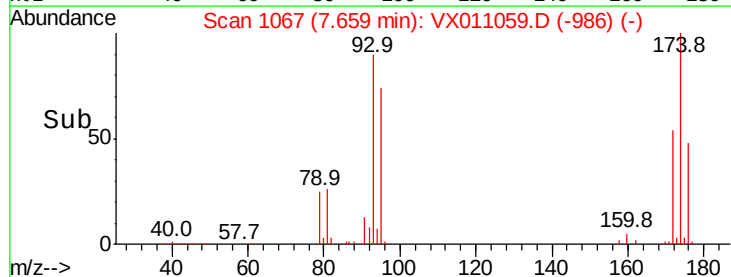
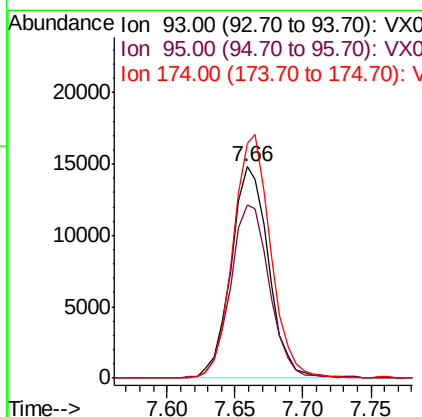
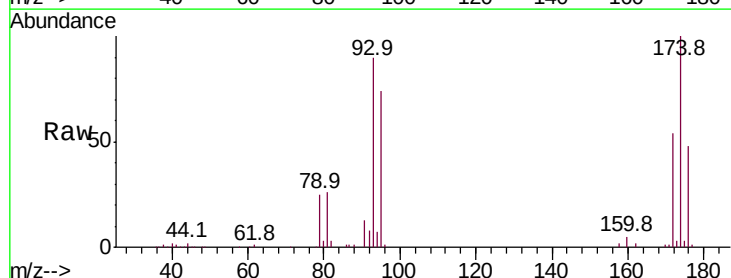
Manual Integrations
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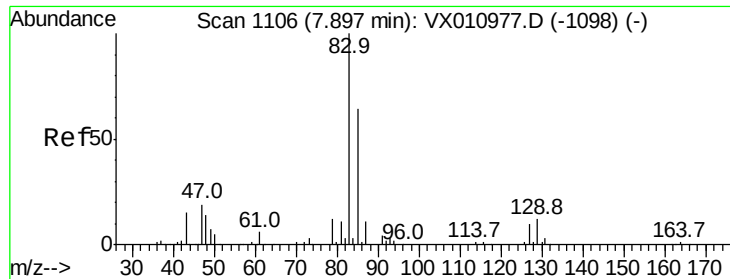
MMDadoda
 7/25/2019 3:54:56 PM



#40
 Dibromomethane
 Concen: 19.977 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	0.0	166.0
174	114.8	0.0	229.2





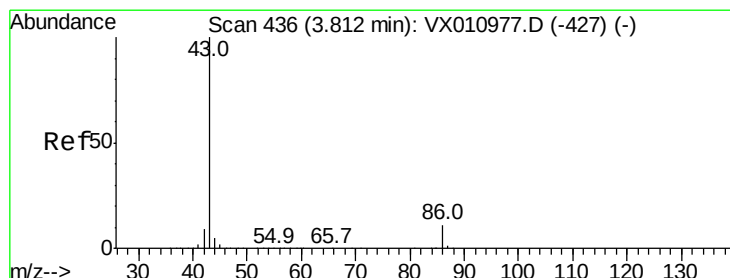
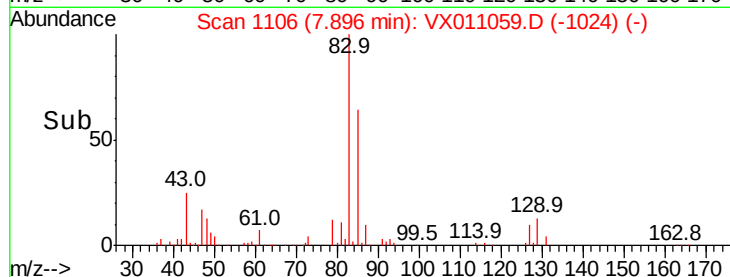
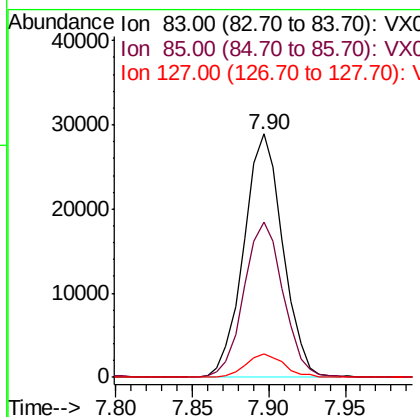
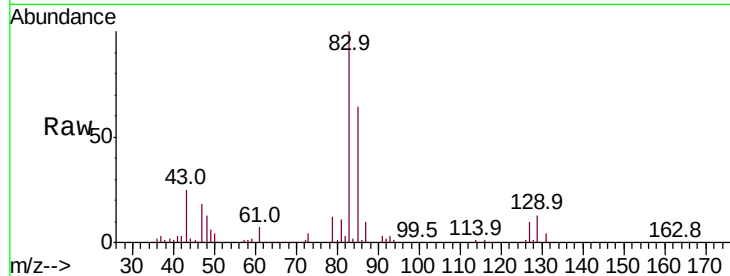
#41
Bromodichloromethane
Concen: 19.782 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	83	Resp	51484
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	50.9	76.3
127	9.6	7.7	11.5

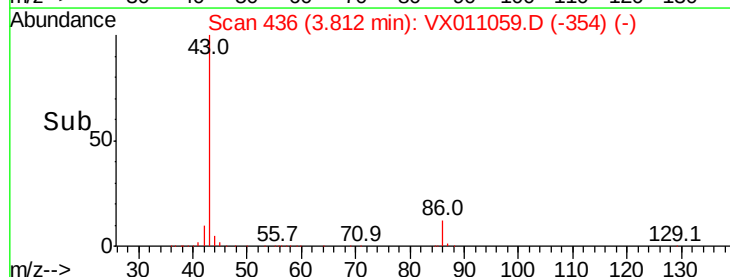
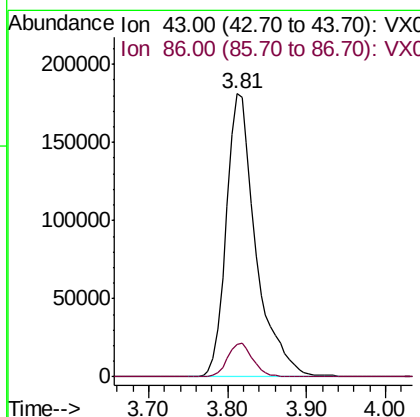
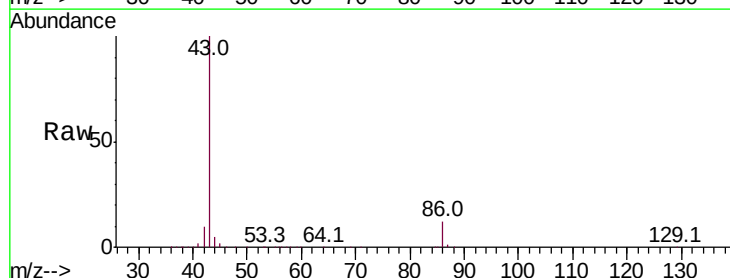
Manual Integrations
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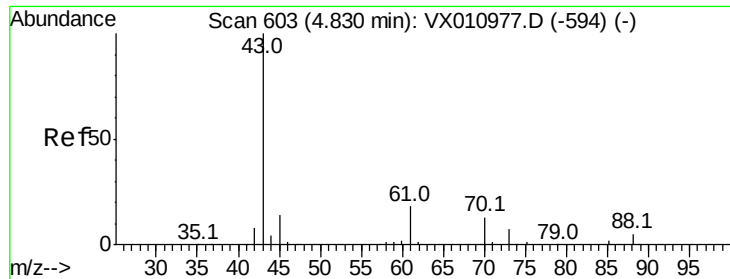
MMDadoda
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#42
Vinyl Acetate
Concen: 102.630 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	43	Resp	473258
Ion Ratio	100	Lower	Upper
43	100		
86	10.4	8.2	12.2





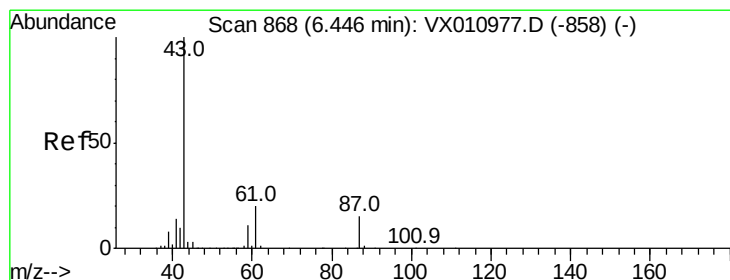
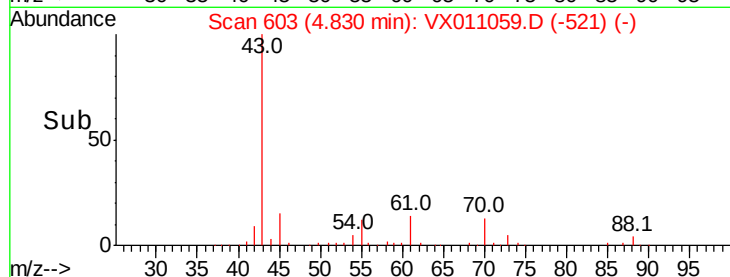
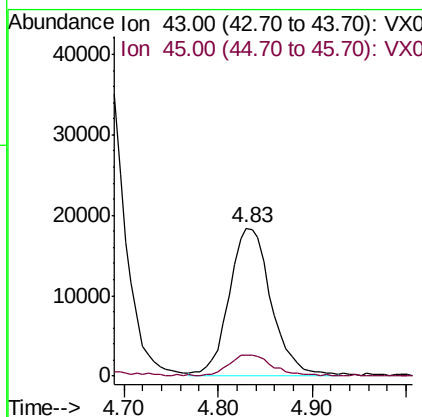
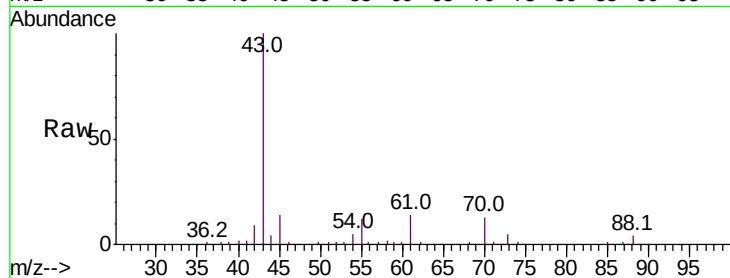
#43
Ethyl Acetate
Concen: 20.934 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion: 43 Resp: 56244
Ion Ratio Lower Upper
43 100
45 15.5 12.1 18.1

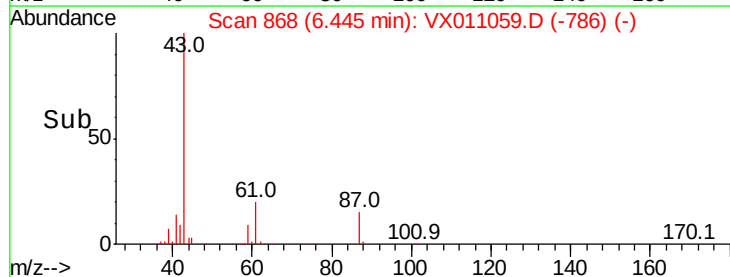
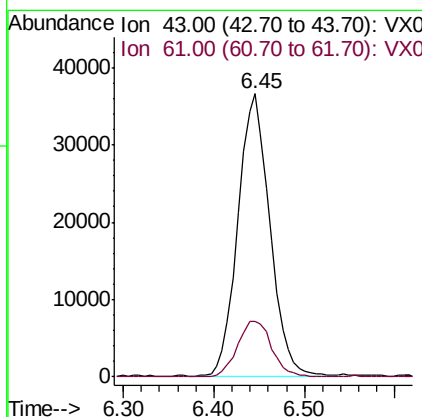
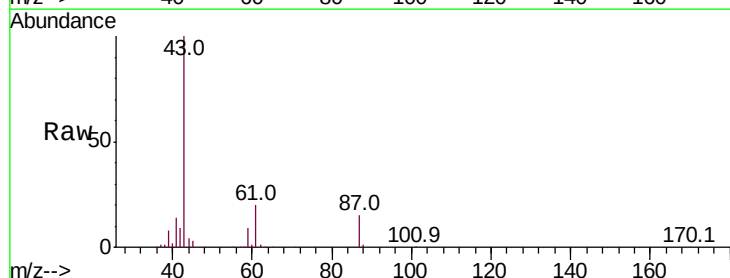
Manual Integrations
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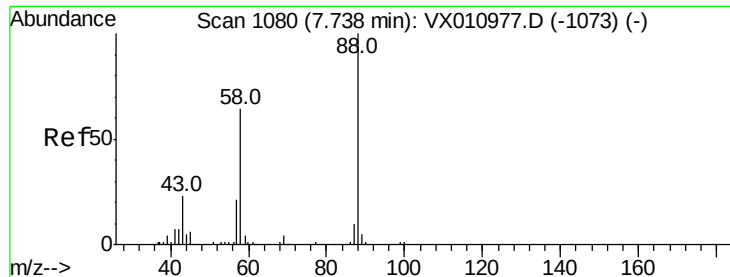
MMDadoda
7/25/2019 3:54:56 PM



#44
Isopropyl Acetate
Concen: 20.346 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion: 43 Resp: 89033
Ion Ratio Lower Upper
43 100
61 21.3 16.7 25.1





#45

1,4-Dioxane

Concen: 428.341 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

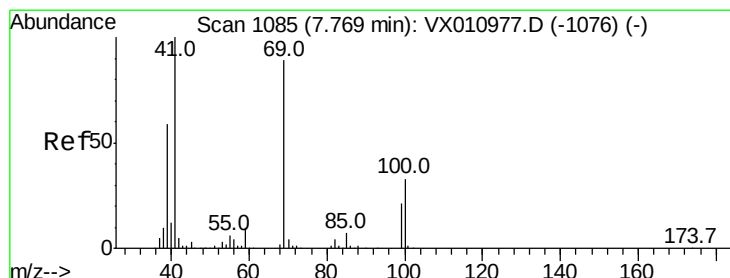
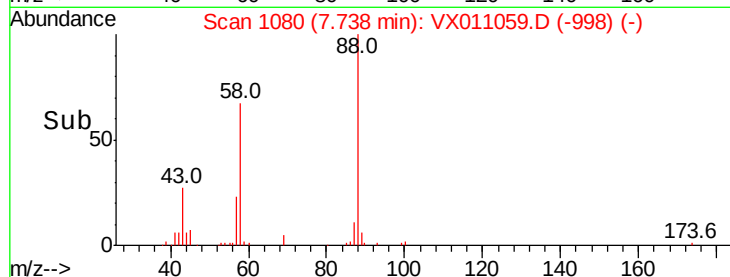
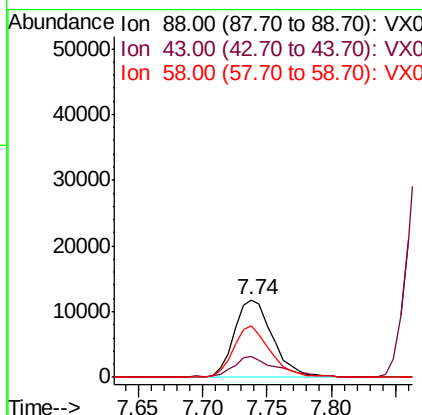
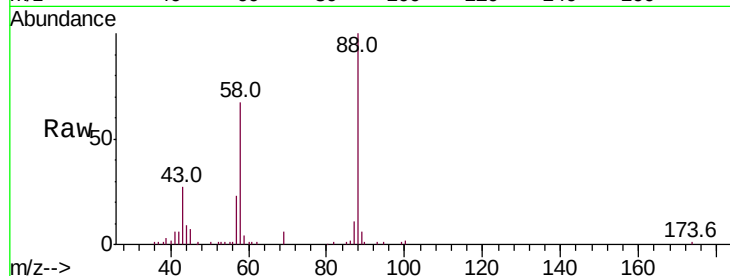
ClientSampleId :

VX0724WBSD01

Tot Ion:	88	Resp:	24397
Ion	Ratio	Lower	Upper
88	100		
43	28.2	21.6	32.4
58	64.6	52.2	78.2

Manual Integrations
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#46

Methyl methacrylate

Concen: 20.239 ug/l

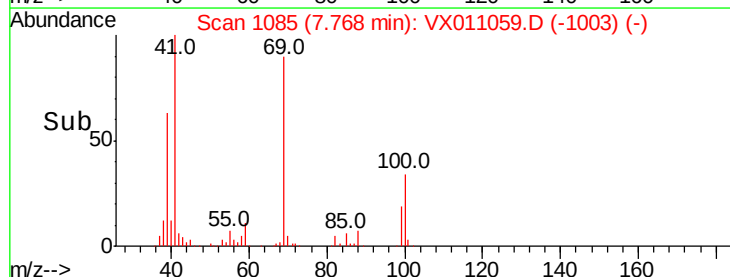
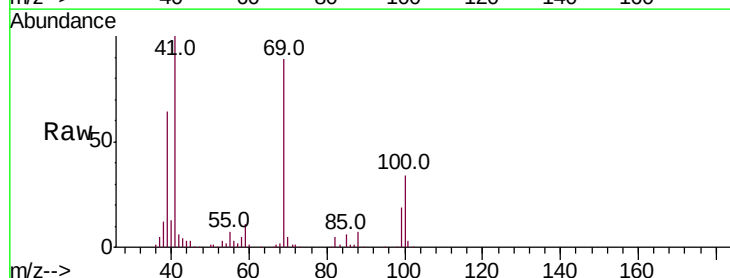
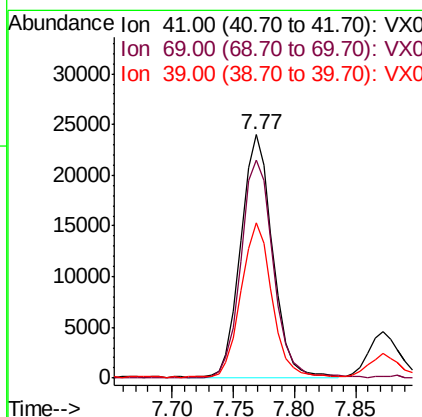
RT: 7.77 min Scan# 1085

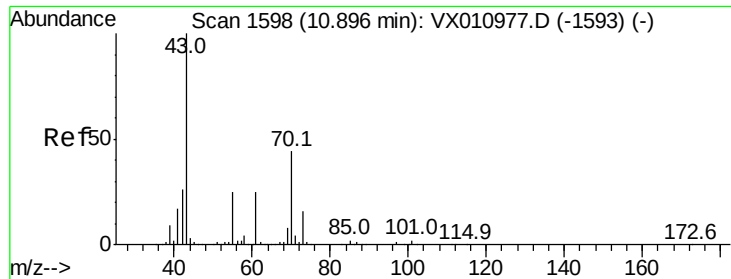
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion:	41	Resp:	42988
Ion	Ratio	Lower	Upper
41	100		
69	89.9	44.7	134.1
39	63.2	29.4	88.2





#47

n-amvl Acetate

Concen: 19.822 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 43 Resp: 77795

Ion Ratio Lower Upper

43 100

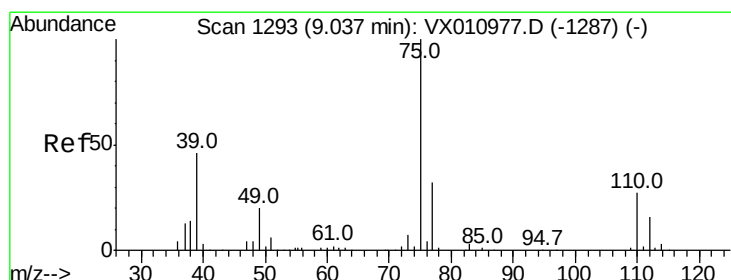
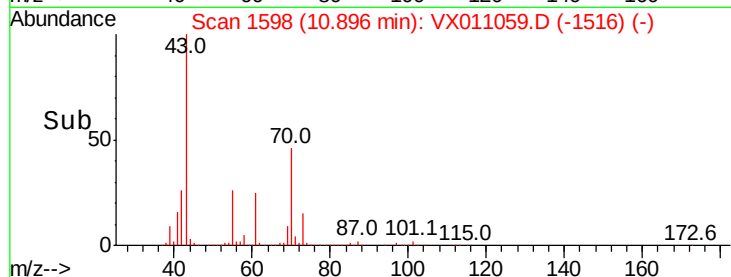
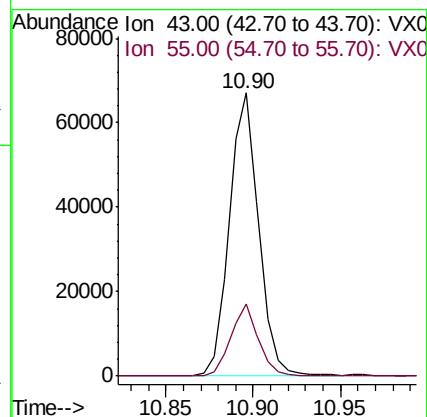
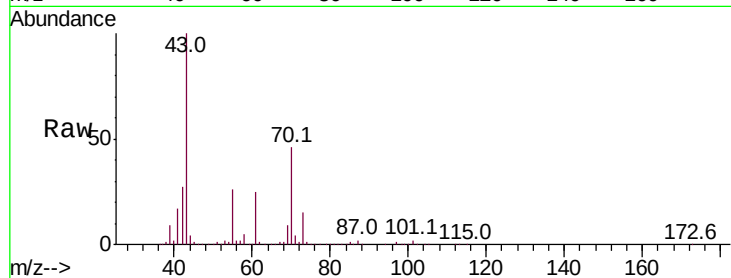
55 24.1 19.6 29.4

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.740 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011059.D

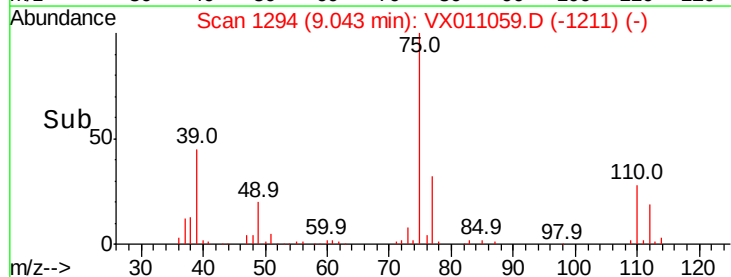
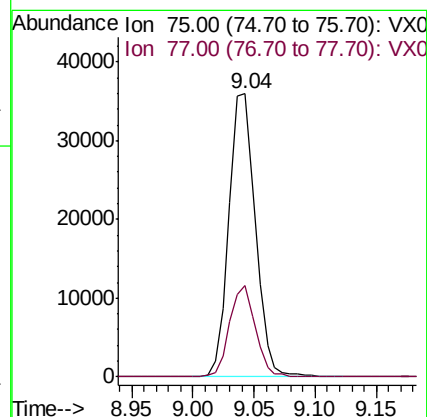
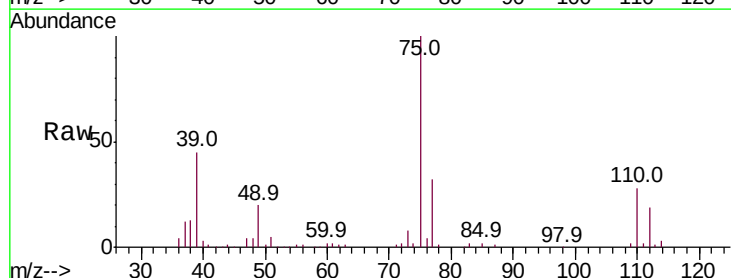
Acq: 24 Jul 2019 14:06

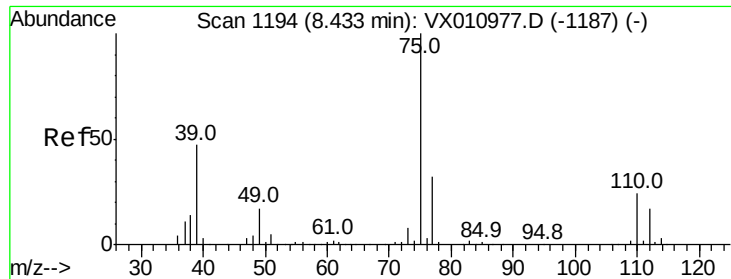
Tgt Ion: 75 Resp: 54145

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5





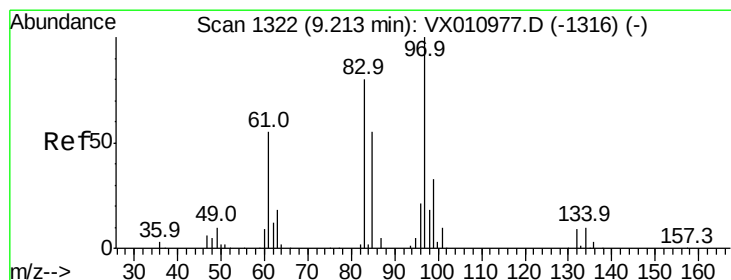
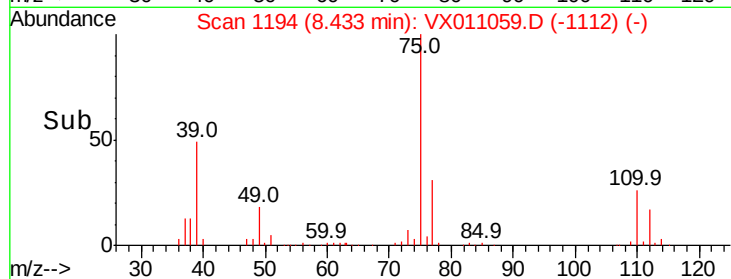
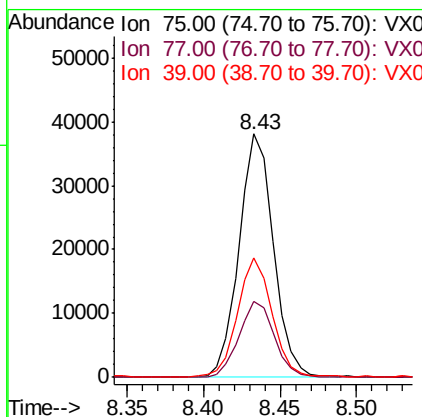
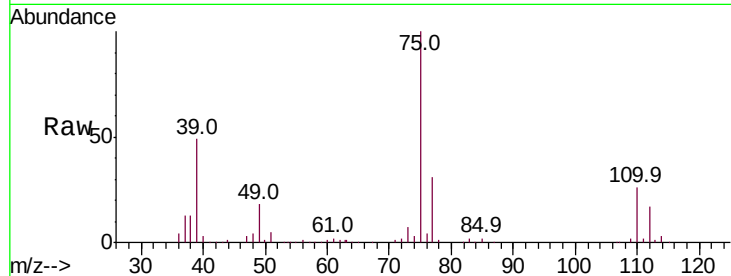
#49
 cis-1,3-Dichloropropene
 Concen: 19.917 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.3	37.9
39	48.9	37.8	56.6

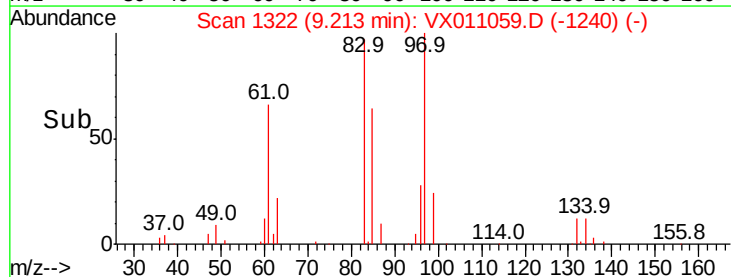
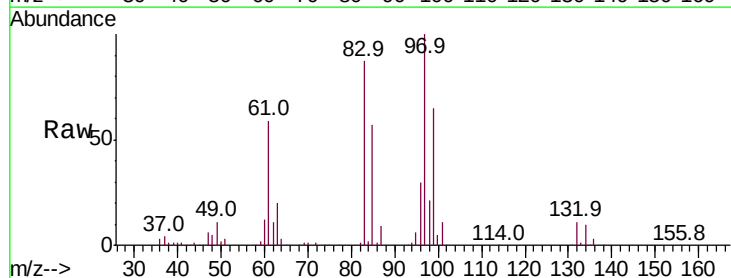
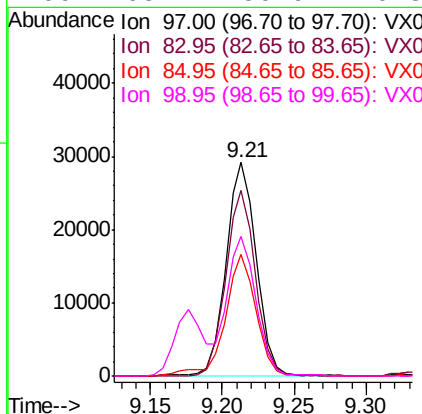
Manual Integrations
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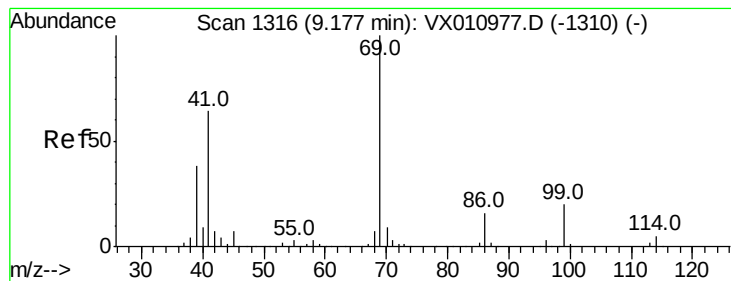
MMDadoda
 7/25/2019 3:54:56 PM



#50
 1,1,2-Trichloroethane
 Concen: 20.485 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	63.9	95.9
85	57.1	43.4	65.2
99	65.1	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.925 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

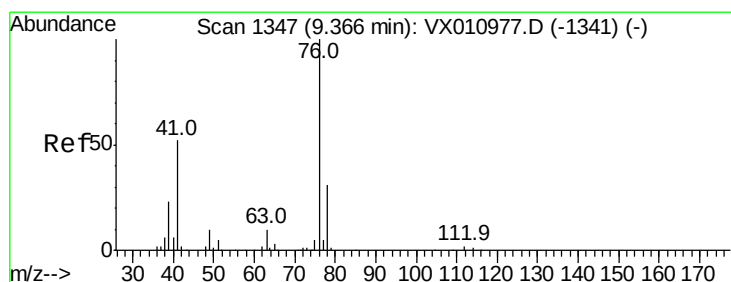
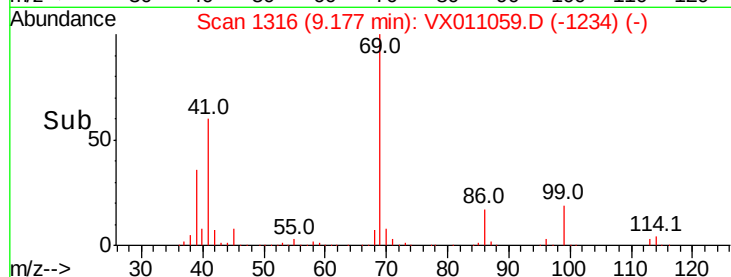
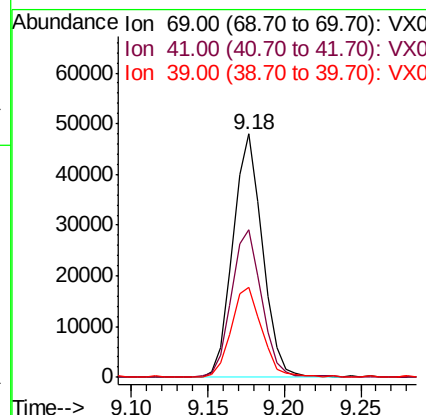
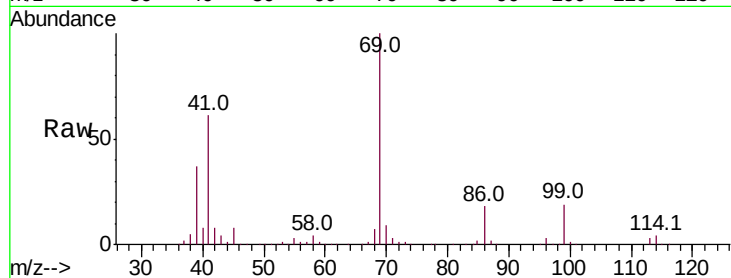
ClientSampleId :

VX0724WBSD01

Tot Ion:	69	Resp:	64488
Ion Ratio	Lower	Upper	
69	100		
41	60.3	32.1	96.3
39	36.6	19.1	57.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.207 ug/l

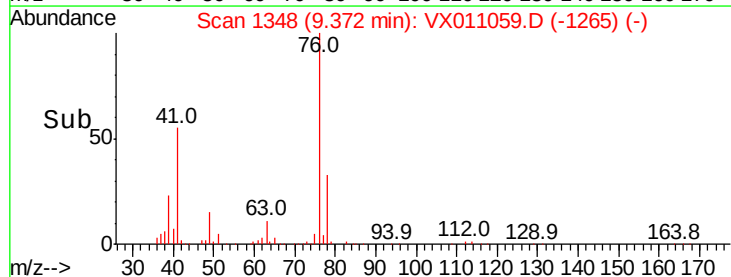
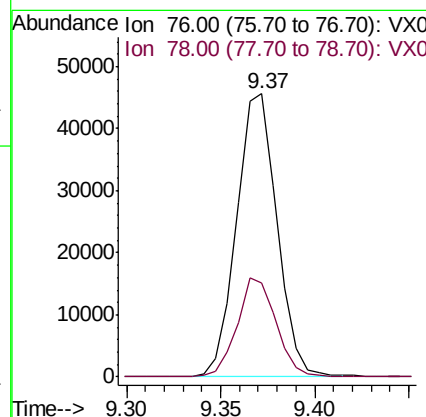
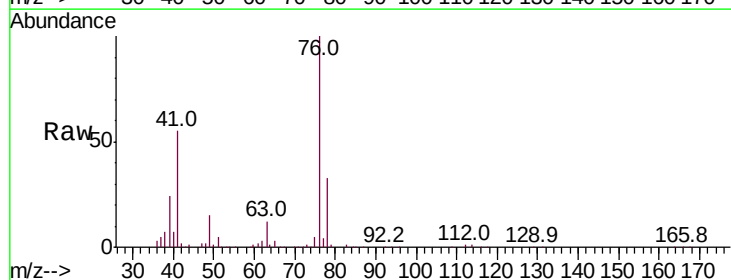
RT: 9.37 min Scan# 1348

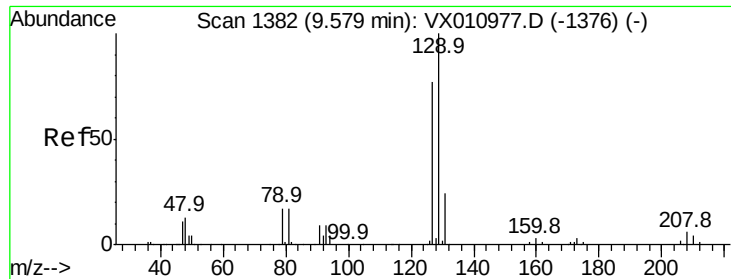
Delta R.T. 0.01 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion:	76	Resp:	67952
Ion Ratio	Lower	Upper	
76	100		
78	33.5	0.0	63.8





#53

Dibromochloromethane

Concen: 19.011 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion:129 Resp: 42965

Ion Ratio Lower Upper

129 100

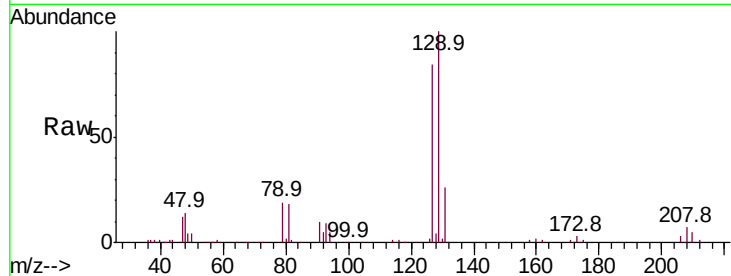
127 79.3 38.1 114.3

Manual Integrations

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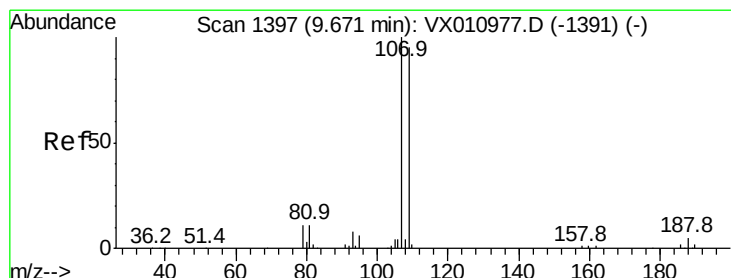
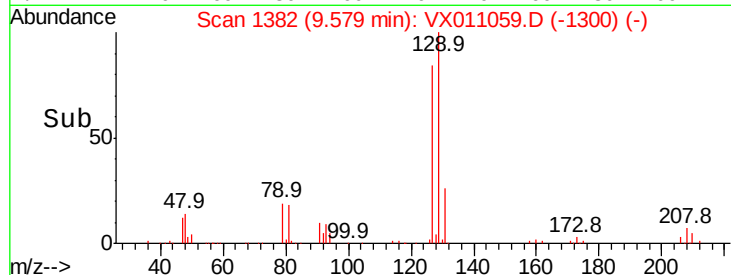
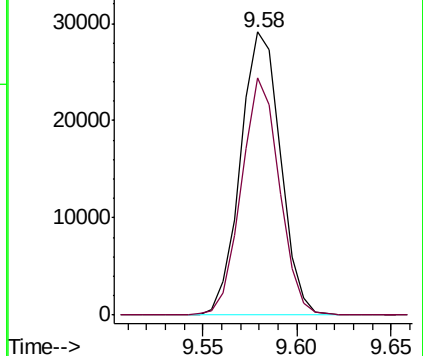
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.276 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011059.D

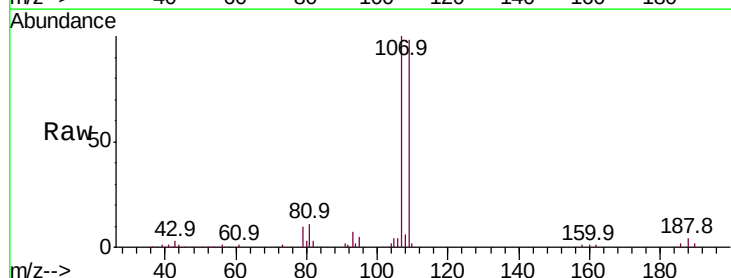
Acq: 24 Jul 2019 14:06

Tgt Ion:107 Resp: 46111

Ion Ratio Lower Upper

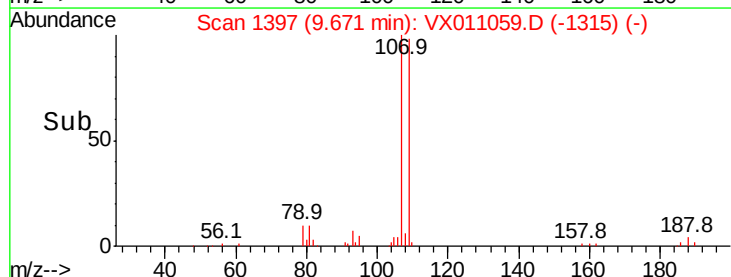
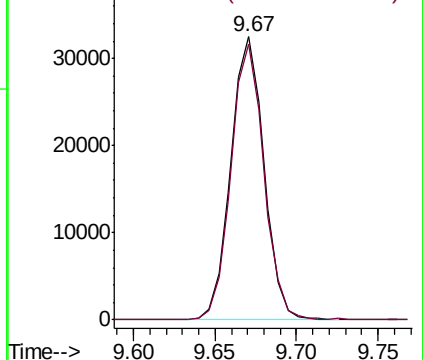
107 100

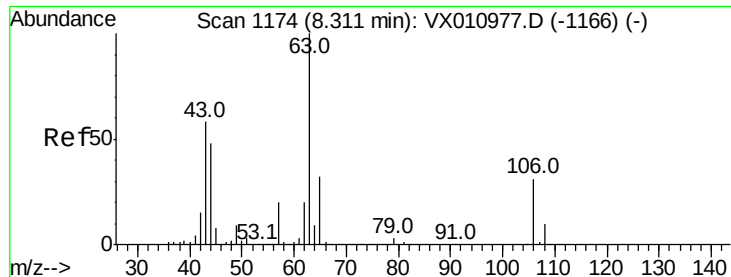
109 95.9 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 109.335 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 63 Resp: 149851

Ion Ratio Lower Upper

63 100

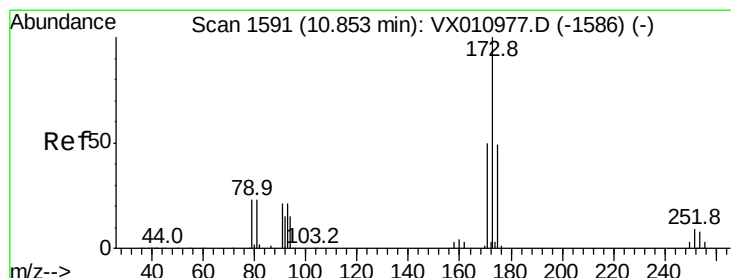
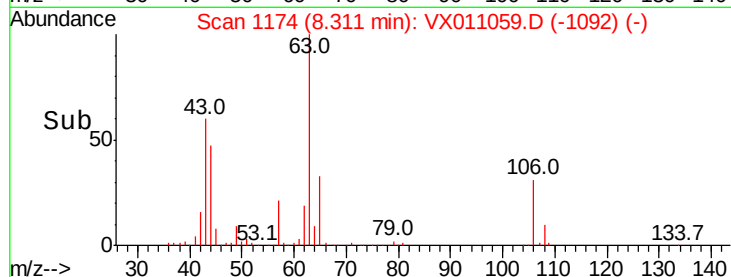
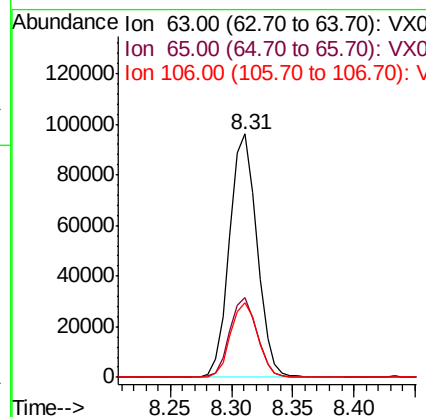
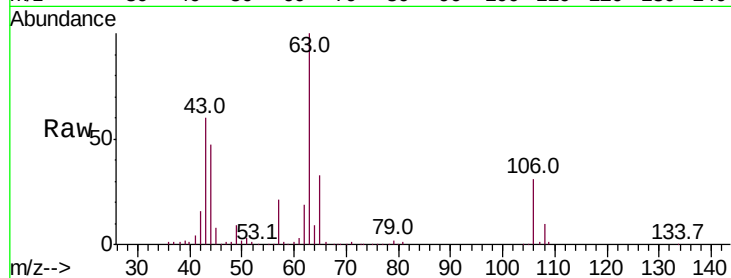
65 32.5 25.7 38.5

106 30.4 24.8 37.2

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#56

Bromoform

Concen: 18.763 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

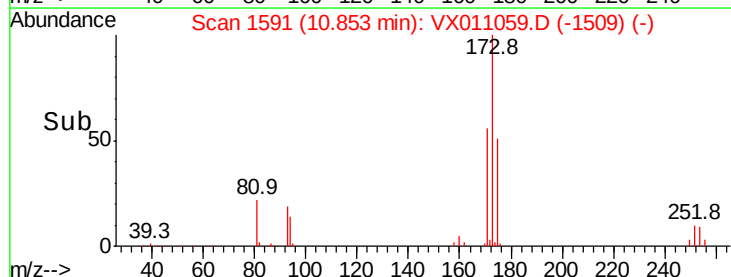
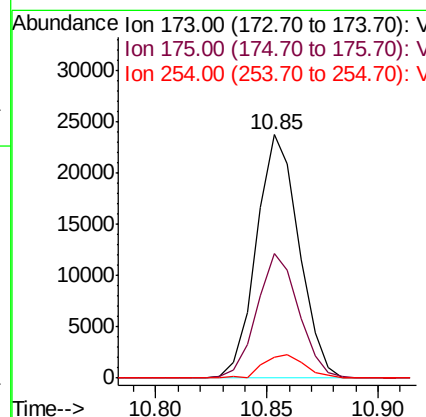
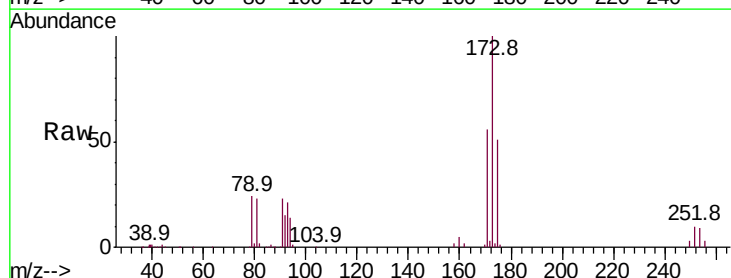
Tgt Ion:173 Resp: 31583

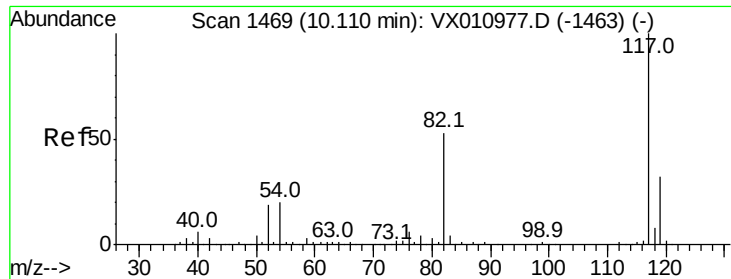
Ion Ratio Lower Upper

173 100

175 50.4 39.0 58.6

254 9.3 7.9 11.9





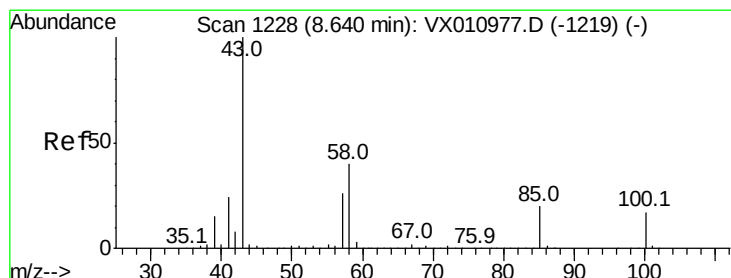
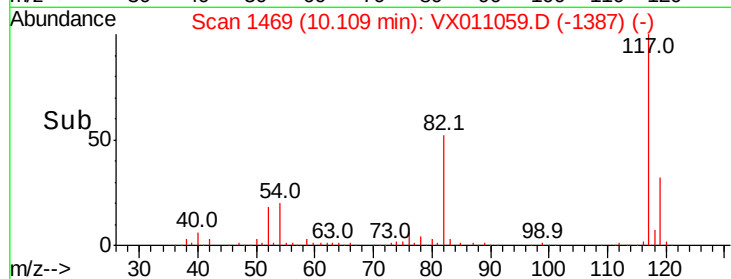
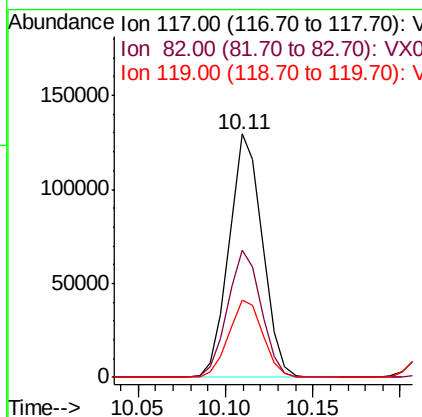
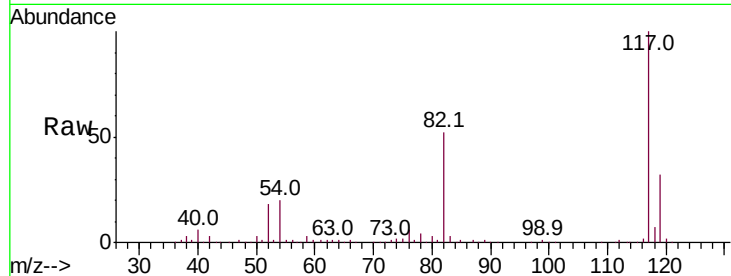
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.6	62.4
119	32.5	26.0	39.0

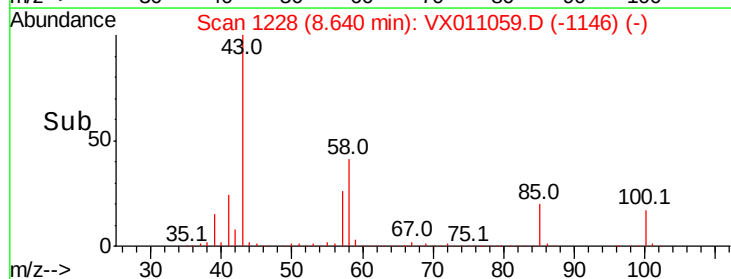
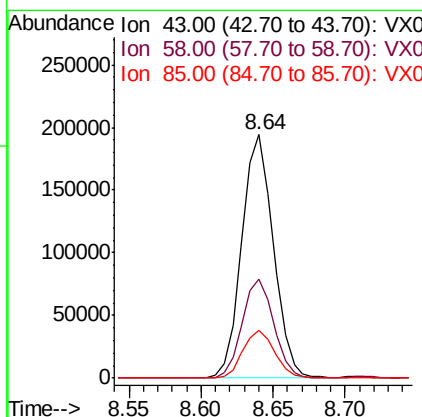
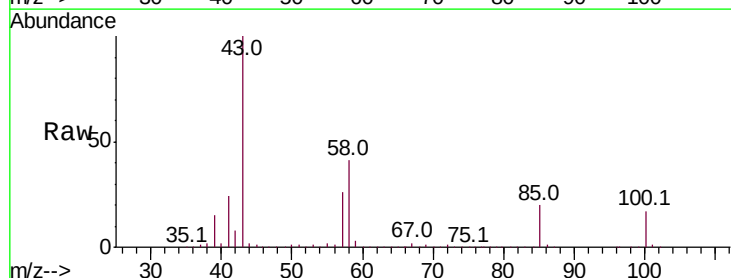
Manual Integrations
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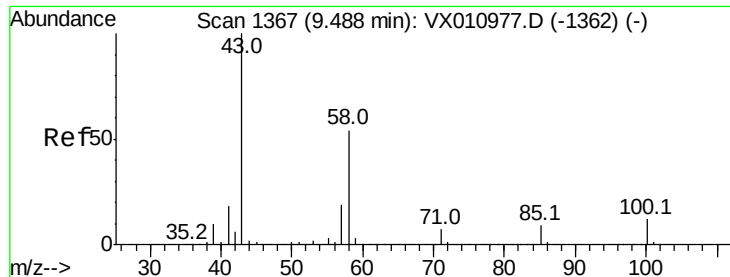
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 101.854 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.7	32.6	48.8
85	19.8	15.8	23.6





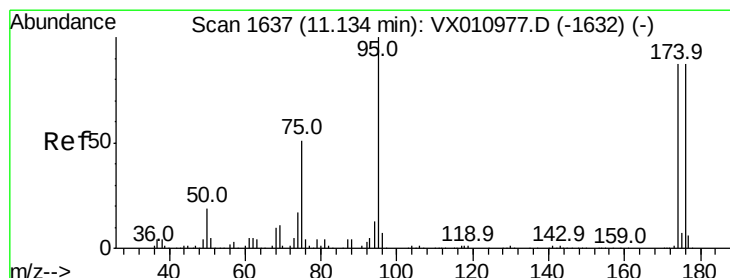
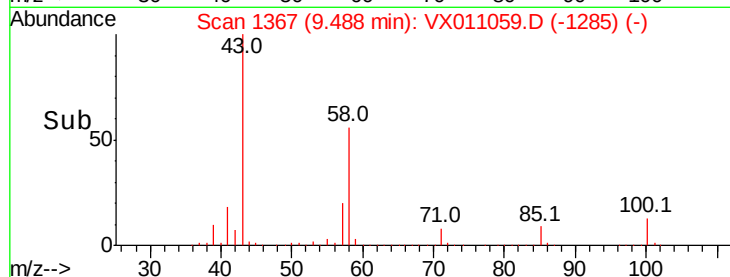
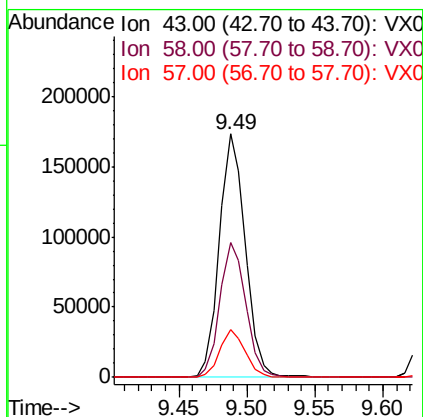
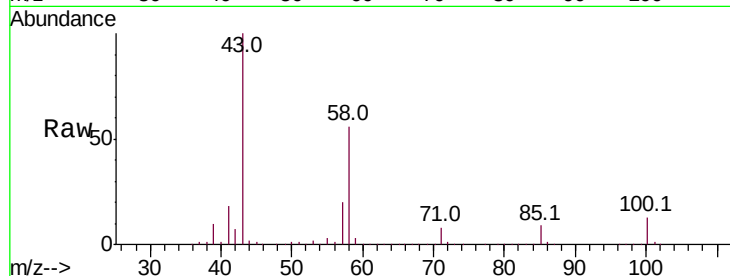
#59
2-Hexanone
Concen: 103.251 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.7	67.1
57	19.3	15.4	23.2

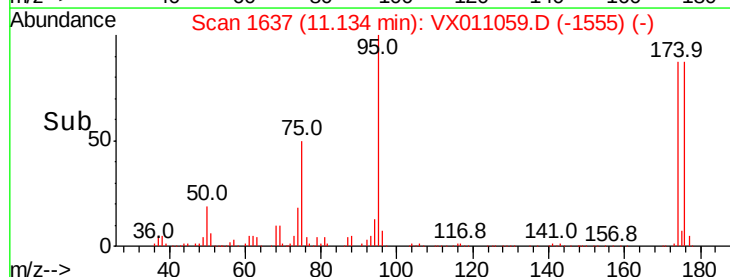
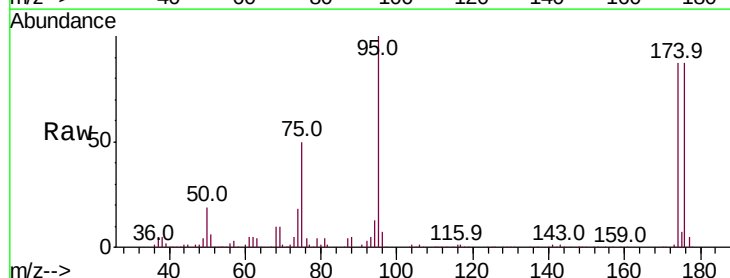
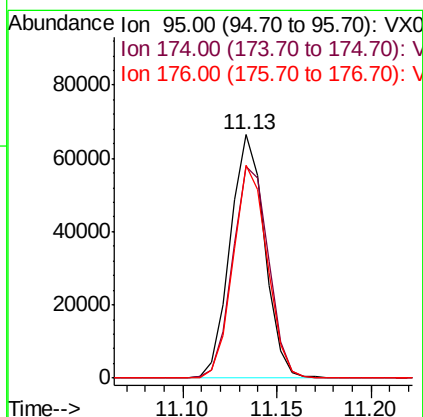
Manual Integrations
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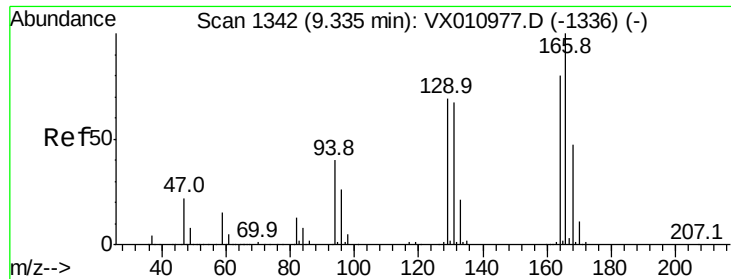
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.686 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	73.3	109.9
176	86.9	71.2	106.8





#61

Tetrachloroethene

Concen: 16.937 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion:164 Resp: 38442

Ion Ratio Lower Upper

164 100

166 125.3 100.1 150.1

129 90.4 69.6 104.4

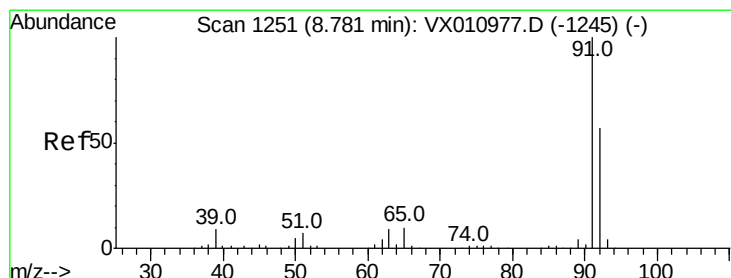
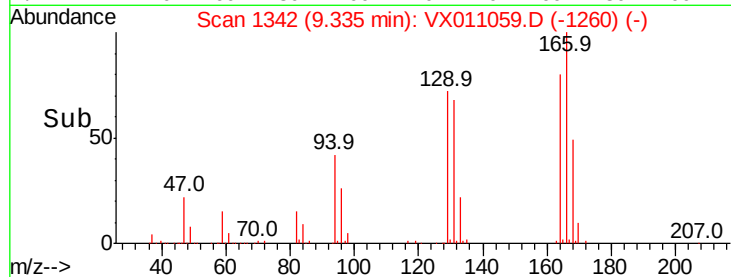
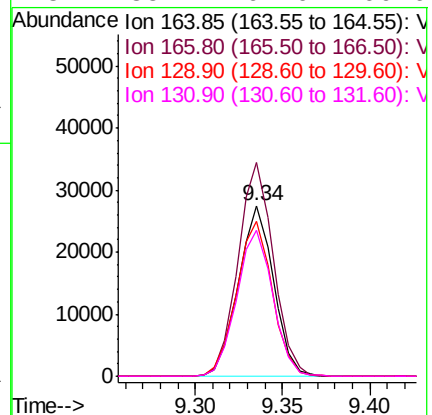
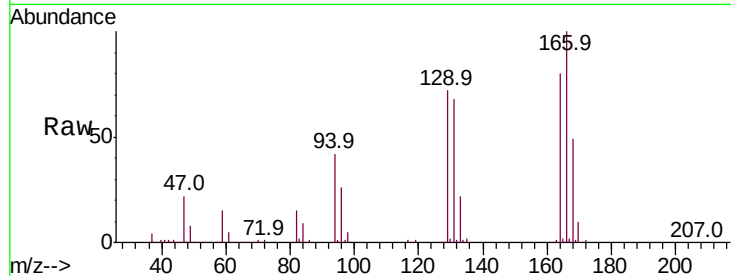
131 85.4 67.0 100.6

Manual Integrations

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#62

Toluene

Concen: 18.301 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011059.D

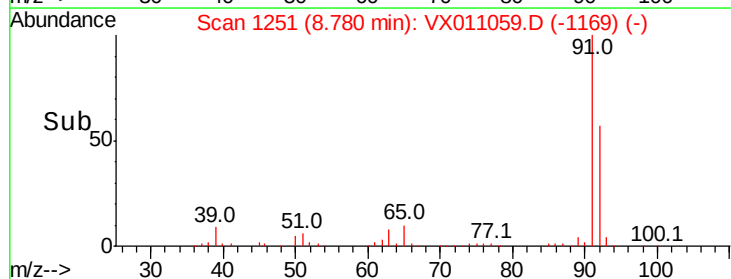
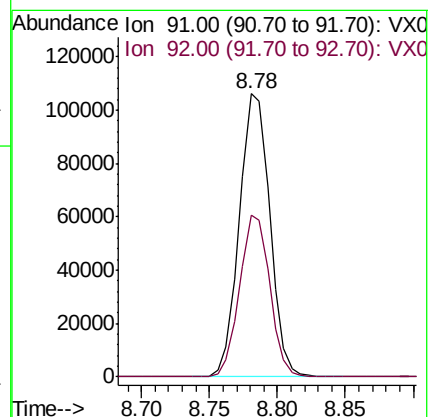
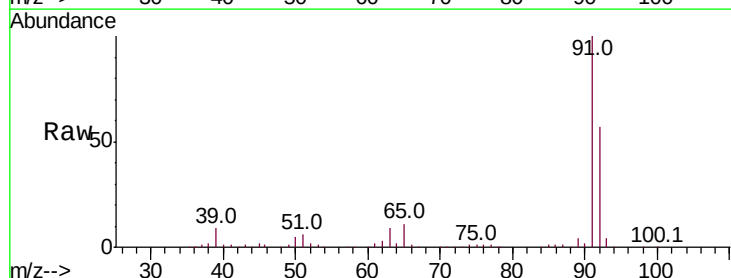
Acq: 24 Jul 2019 14:06

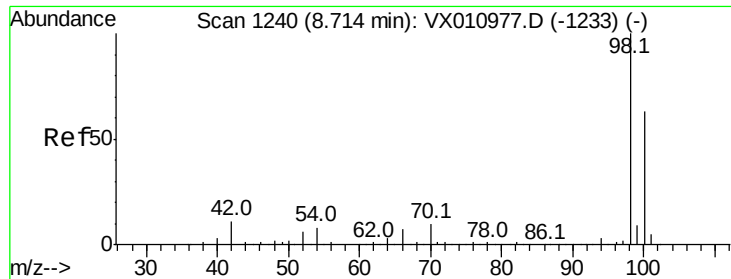
Tgt Ion: 91 Resp: 167125

Ion Ratio Lower Upper

91 100

92 56.4 45.4 68.2





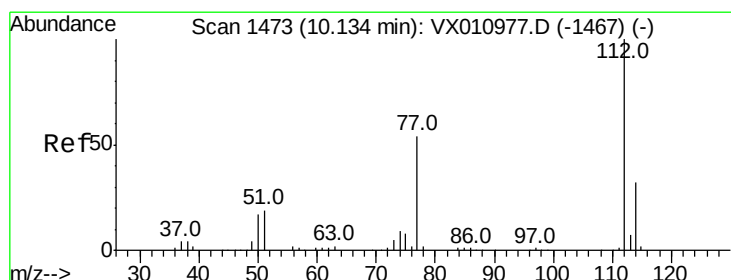
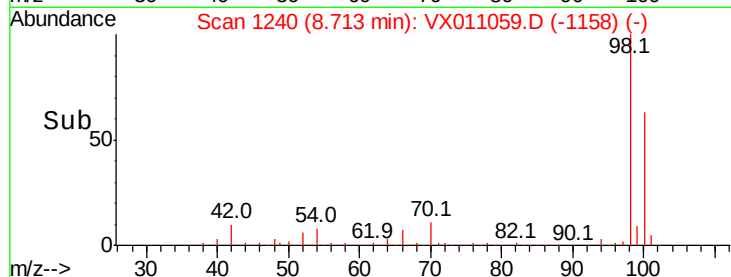
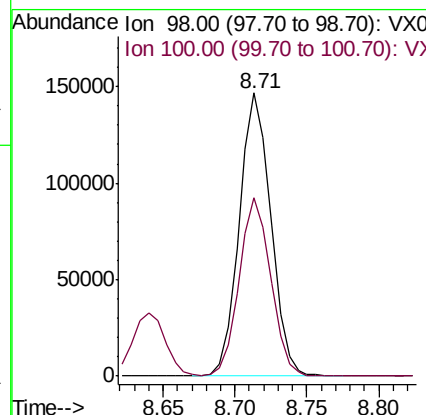
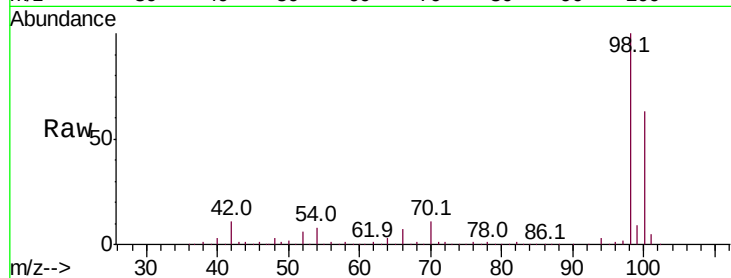
#63
Toluene-d8
Concen: 29.623 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion: 98 Resp: 223825
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.0

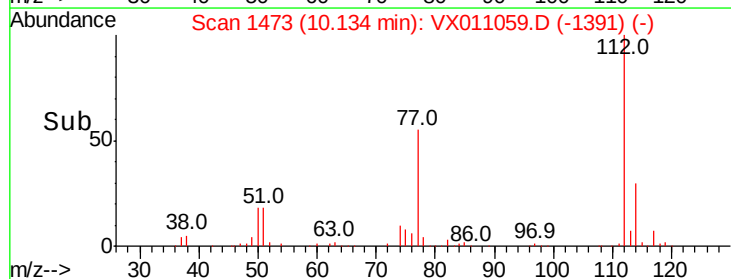
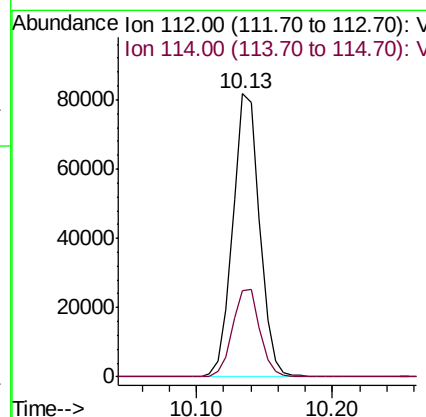
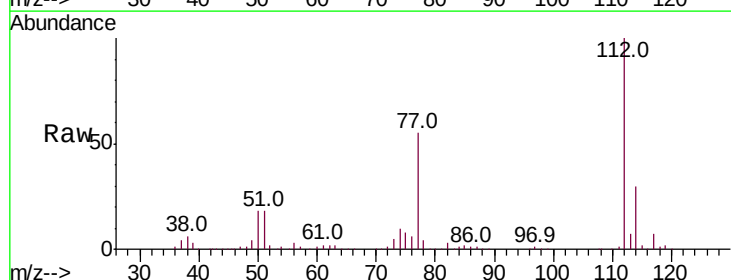
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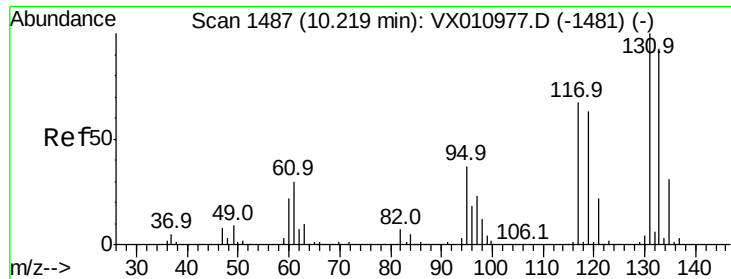
MMDadoda
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#64
Chlorobenzene
Concen: 19.152 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion: 112 Resp: 112057
Ion Ratio Lower Upper
112 100
114 30.4 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 19.356 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

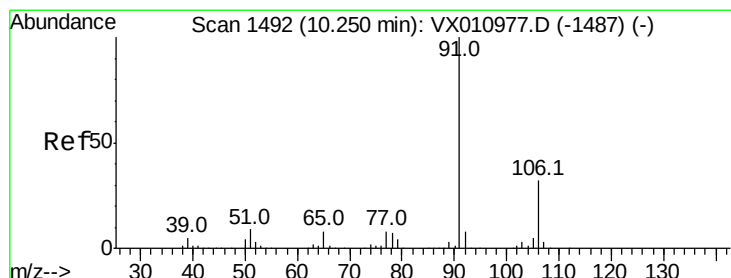
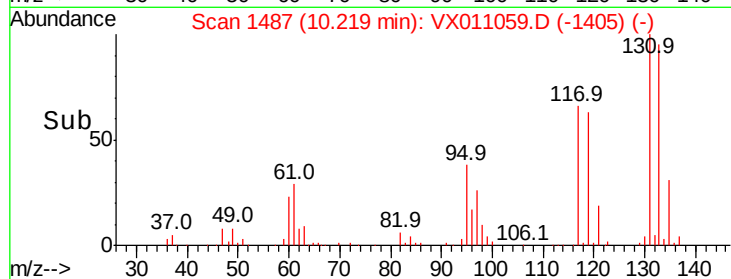
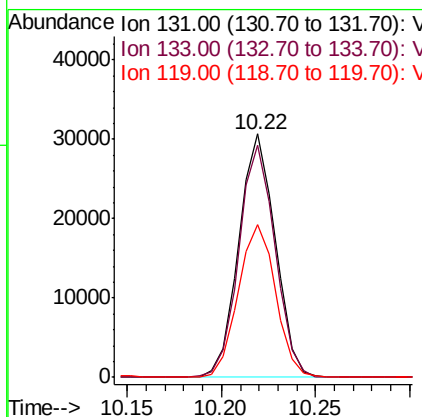
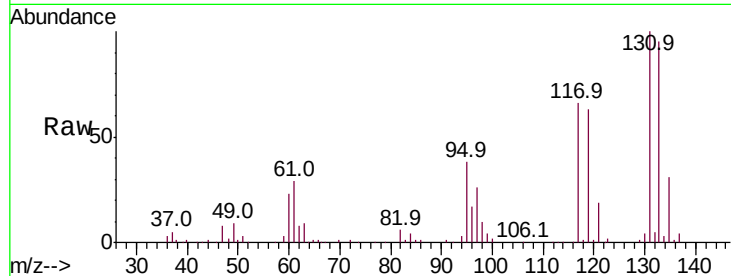
ClientSampleId :

VX0724WBSD01

Tot Ion:	131	Resp:	41159
Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	190.2
119	64.2	0.0	127.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 17.657 ug/l

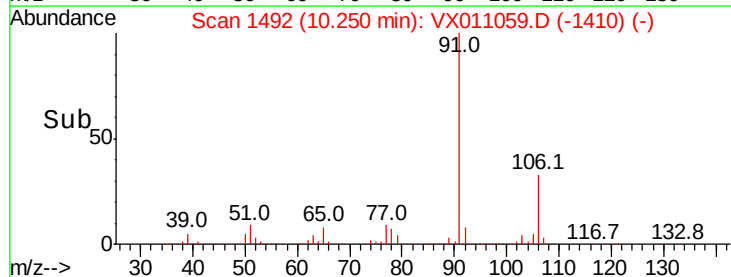
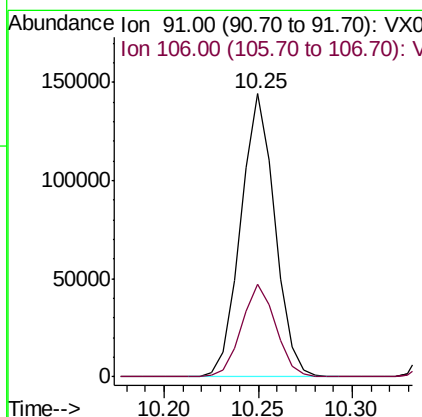
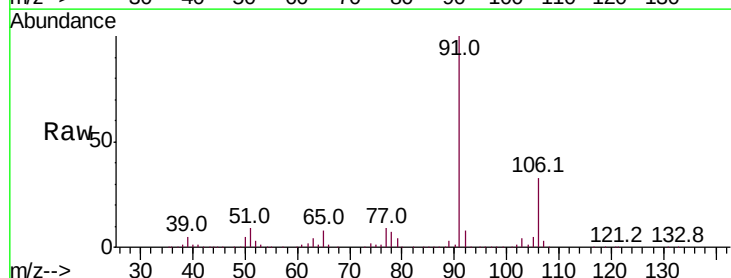
RT: 10.25 min Scan# 1492

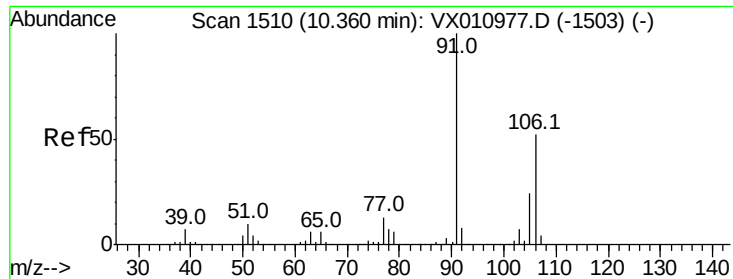
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion:	91	Resp:	181515
Ion	Ratio	Lower	Upper
91	100		
106	32.9	25.8	38.8





#67

m/p-Xylenes

Concen: 35.432 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion:106 Resp: 139363

Ion Ratio Lower Upper

106 100

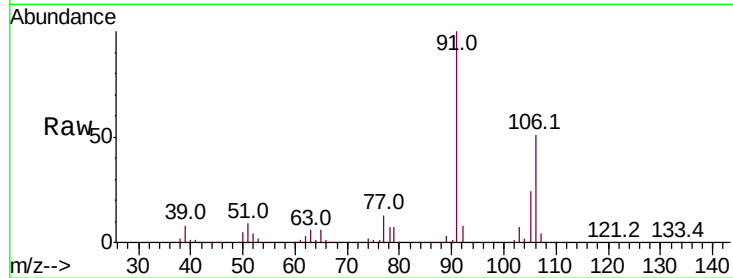
91 199.6 156.6 235.0

Manual Integrations

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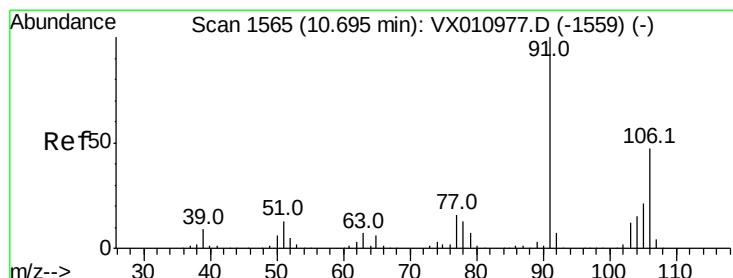
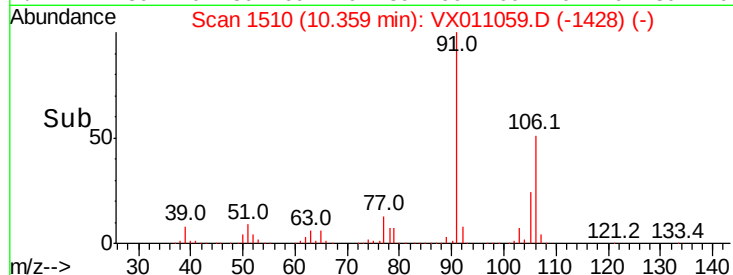
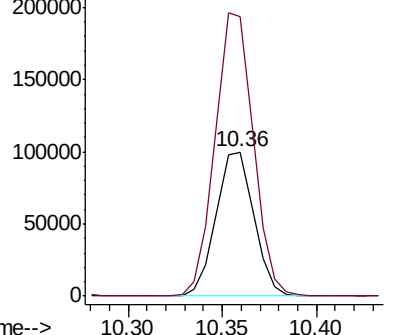
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.137 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX011059.D

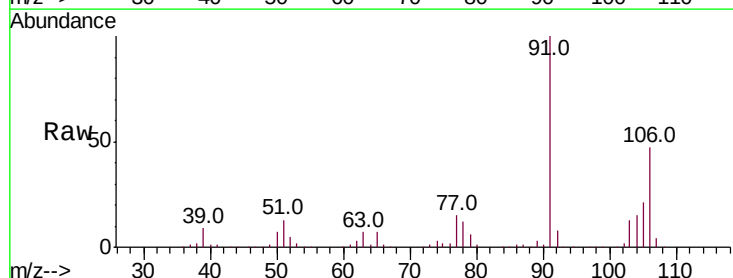
Acq: 24 Jul 2019 14:06

Tgt Ion:106 Resp: 69897

Ion Ratio Lower Upper

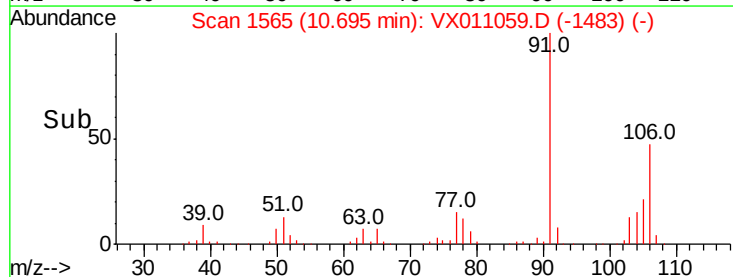
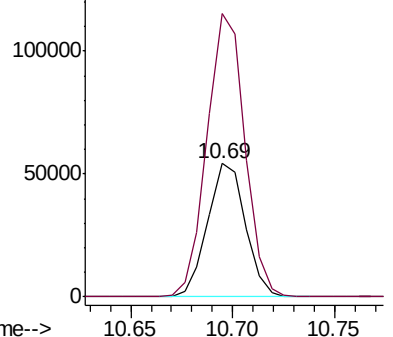
106 100

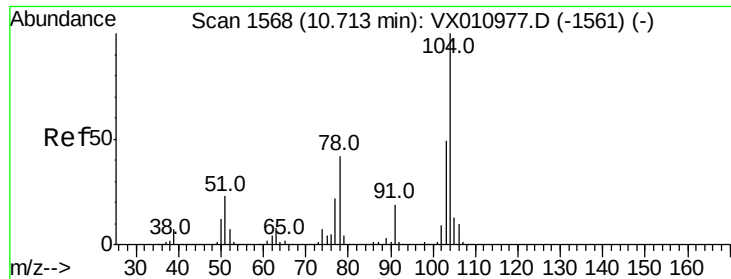
91 211.7 104.0 312.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





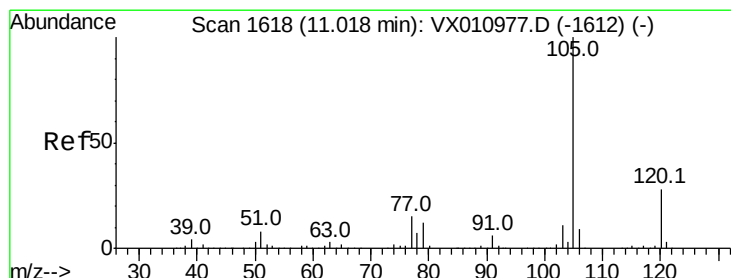
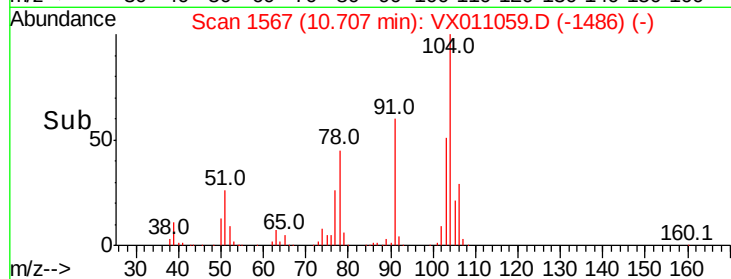
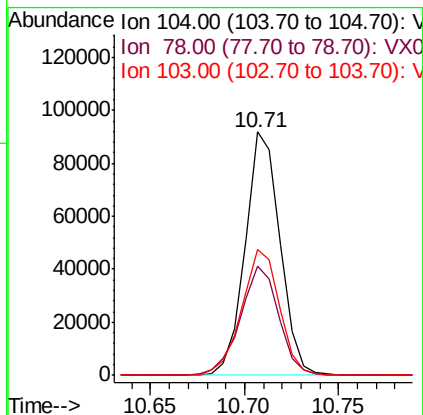
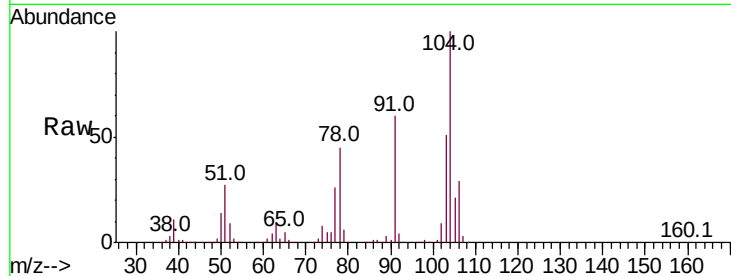
#69
Stvrene
Concen: 18.211 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	38.5	57.7
103	55.8	44.6	67.0

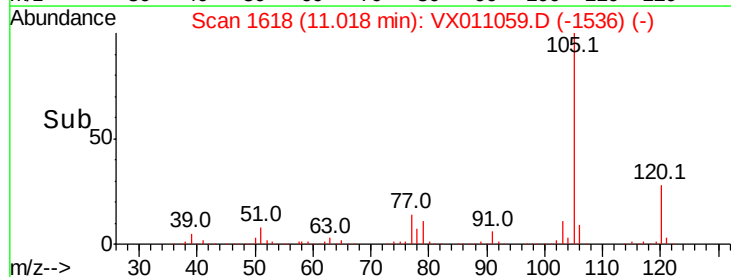
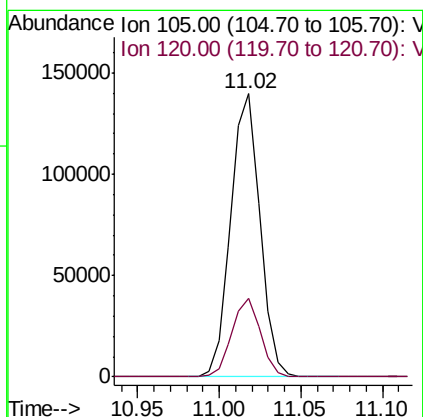
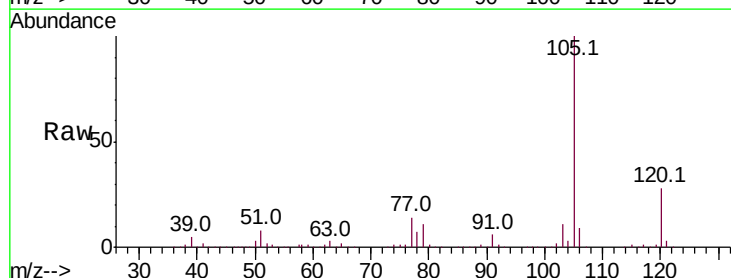
Manual Integrations
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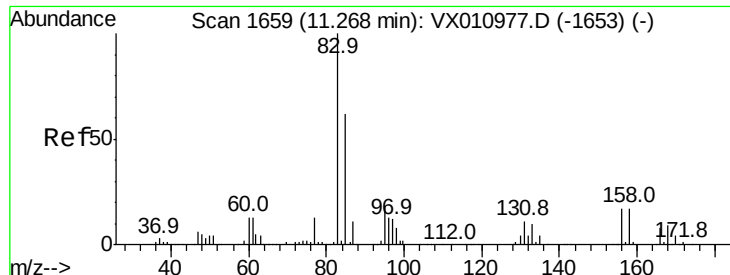
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#70
Isopropylbenzene
Concen: 17.011 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.4	36.0





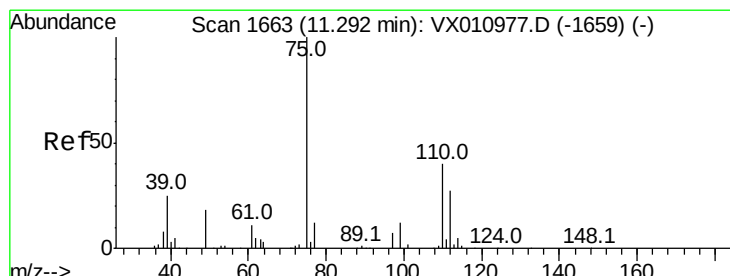
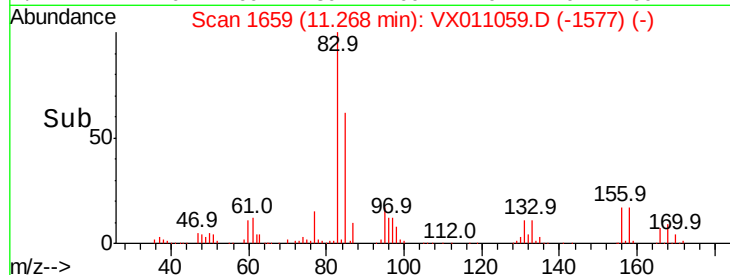
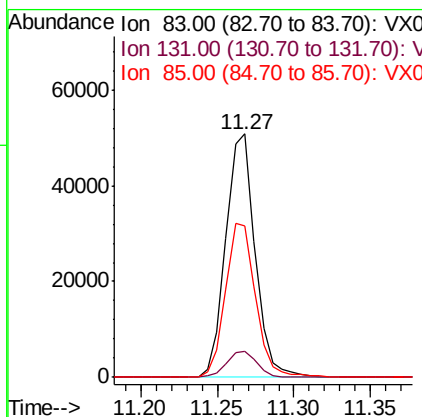
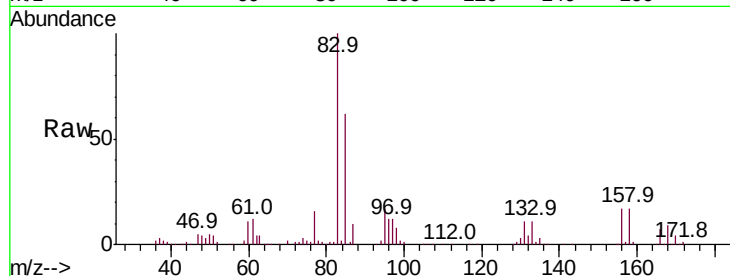
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.512 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion:	83	Resp:	67875
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.7	32.1	96.3

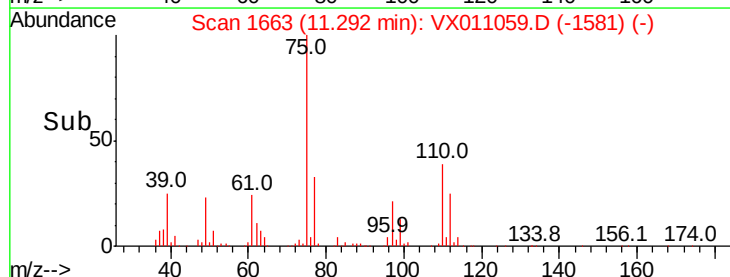
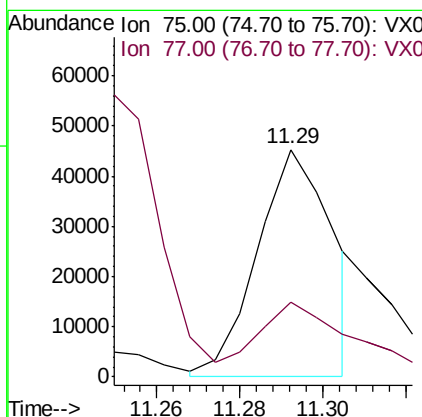
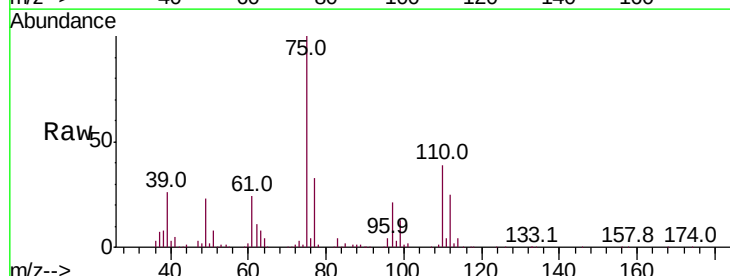
Manual Integrations
 APPROVED

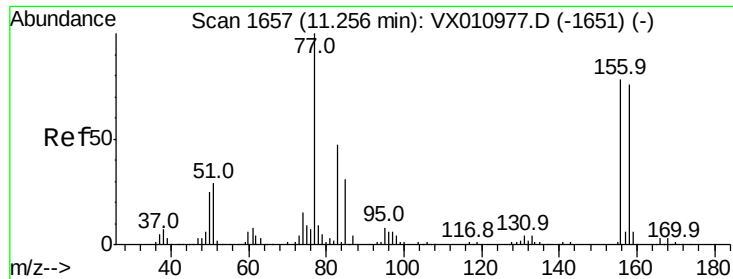
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#72
 1,2,3-Trichloropropane
 Concen: 20.411 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion:	75	Resp:	56378
Ion	Ratio	Lower	Upper
75	100		
77	42.7	0.0	84.0





#73

Bromobenzene

Concen: 19.079 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

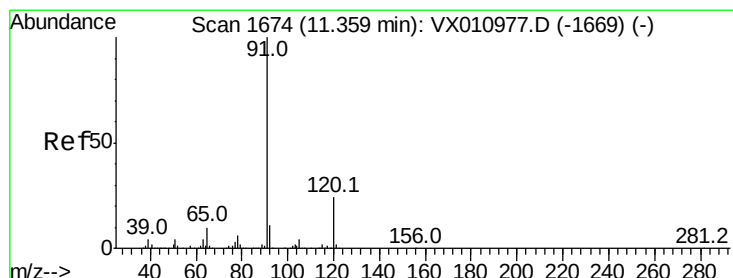
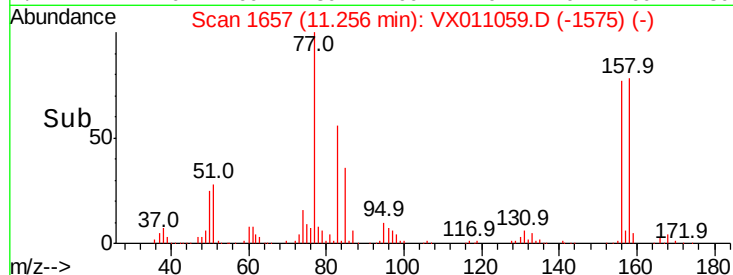
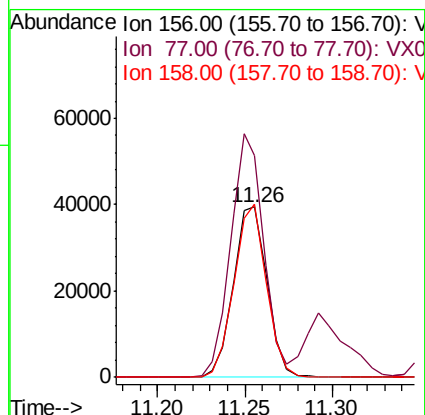
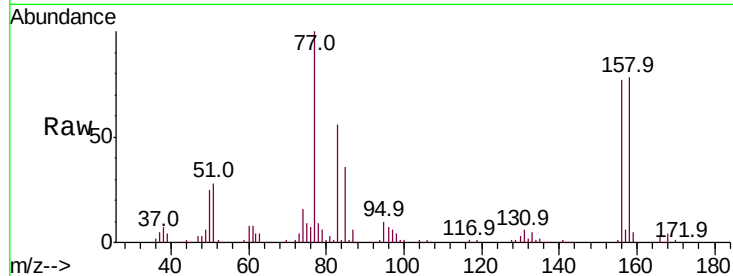
ClientSampleId :

VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	139.8	0.0	275.8
158	97.8	0.0	195.2

Manual Integrations
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#74

n-propylbenzene

Concen: 16.669 ug/l

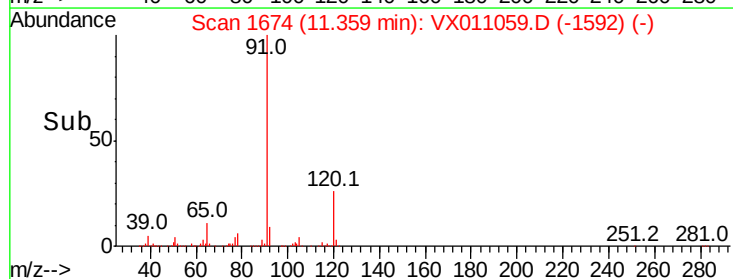
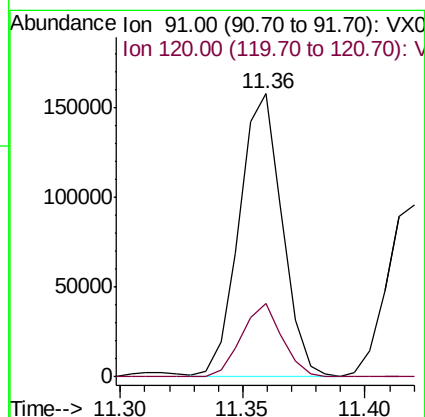
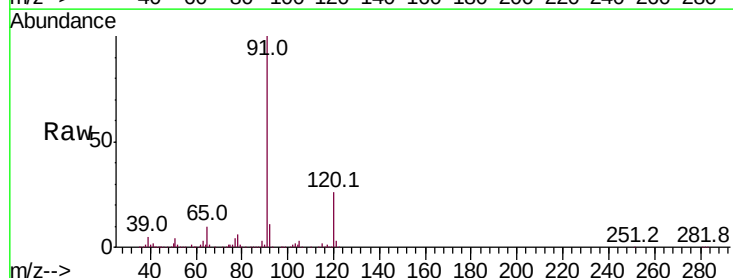
RT: 11.36 min Scan# 1674

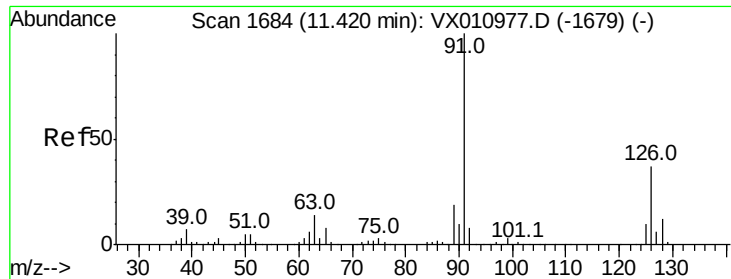
Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	0.0	47.6





#75

2-Chlorotoluene

Concen: 18.011 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampled :

VX0724WBSD01

Tot Ion: 91 Resp: 123896

Ion Ratio Lower Upper

91 100

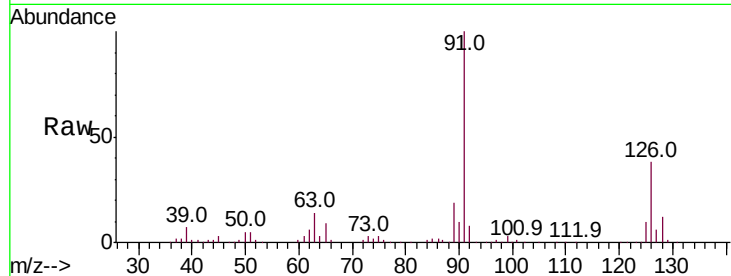
126 36.6 0.0 72.4

Manual Integrations

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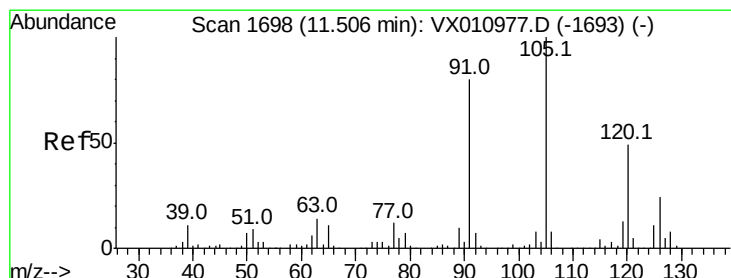
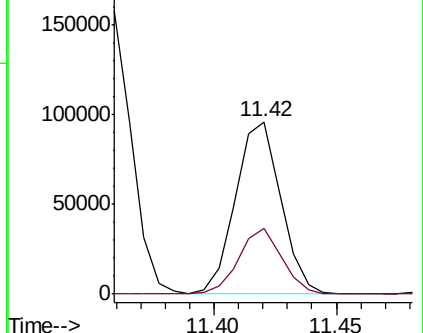
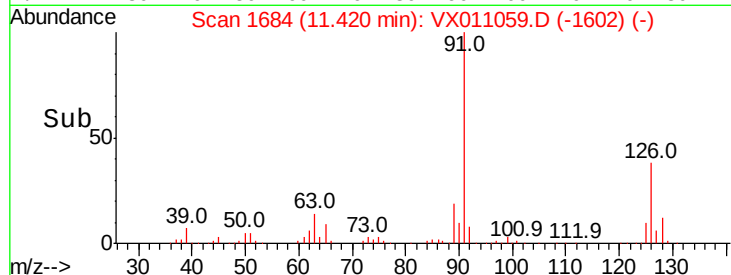
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Abundance Ion 91.00 (90.70 to 91.70): VX011059.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX011059.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.324 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011059.D

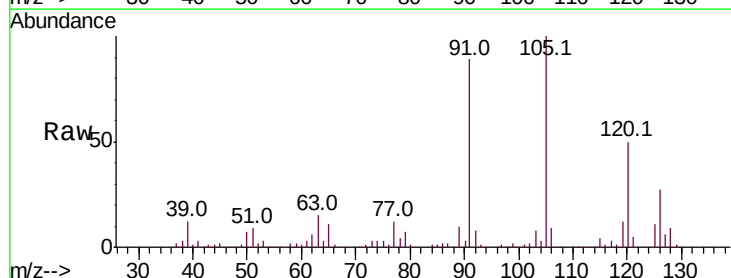
Acq: 24 Jul 2019 14:06

Tgt Ion:105 Resp: 150491

Ion Ratio Lower Upper

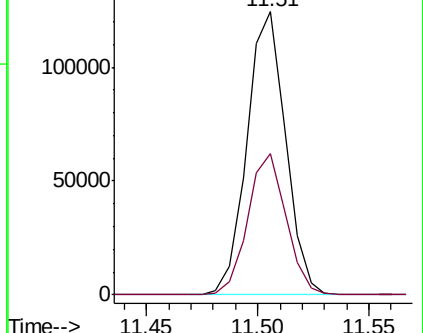
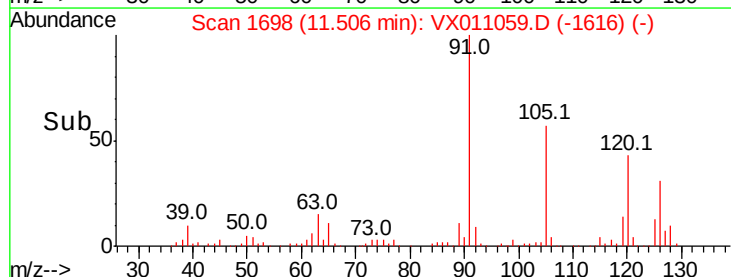
105 100

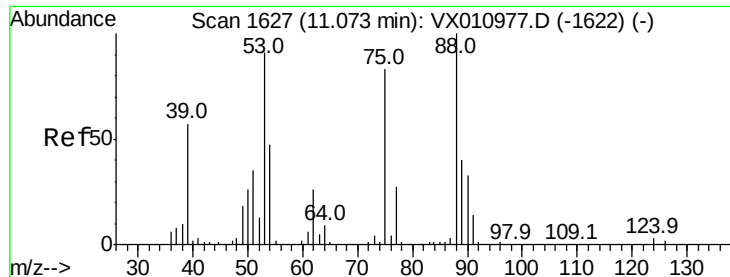
120 49.7 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX011059.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX011059.D (-1616) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 19.552 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011059.D

Acq: 24 Jul 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

VX0724WBSD01

Tot Ion: 75 Resp: 17818

Ion Ratio Lower Upper

75 100

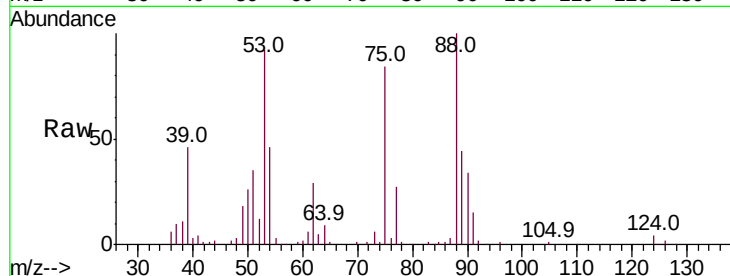
53 110.2 54.8 164.3

89 52.6 24.6 73.6

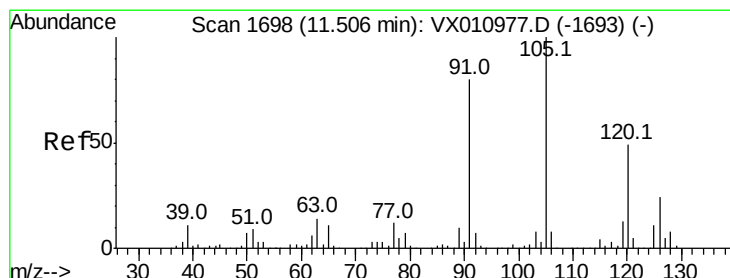
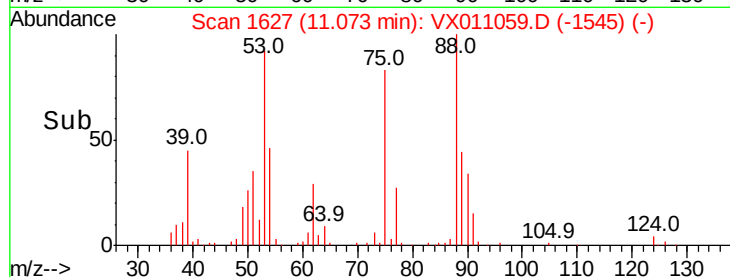
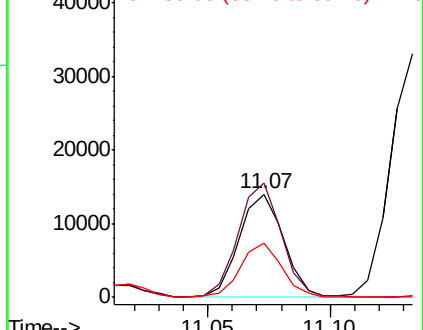
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.038 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011059.D

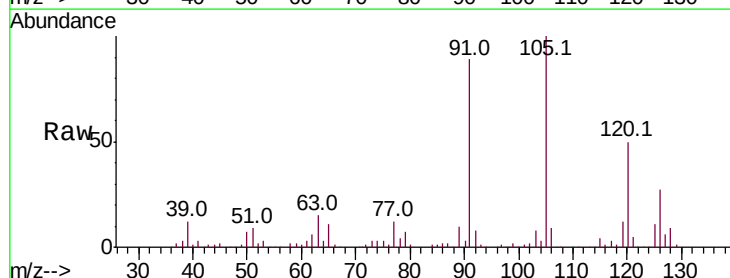
Acq: 24 Jul 2019 14:06

Tgt Ion: 91 Resp: 142507

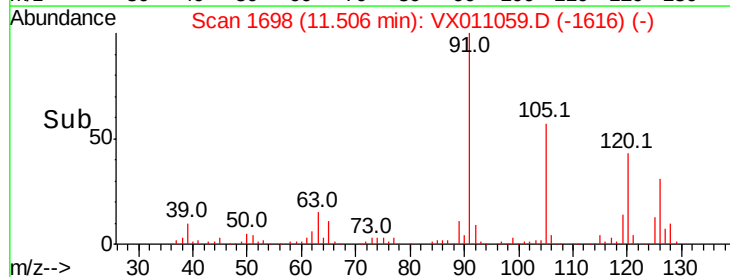
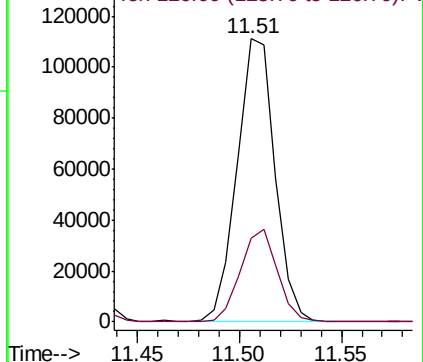
Ion Ratio Lower Upper

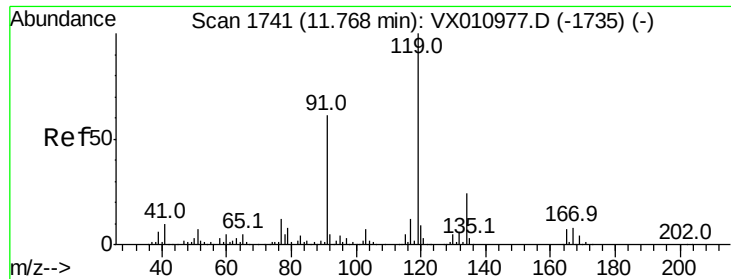
91 100

126 32.1 0.0 63.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





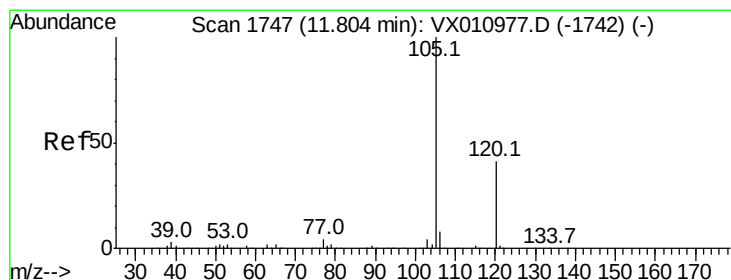
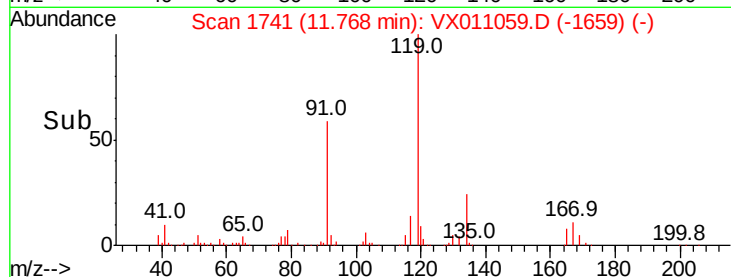
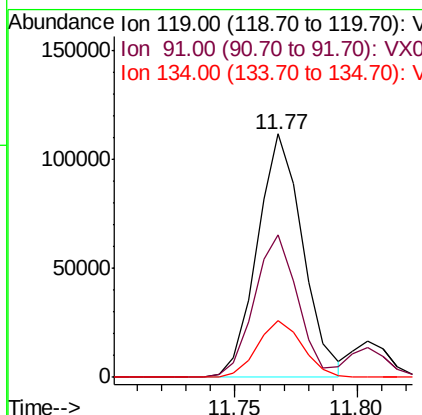
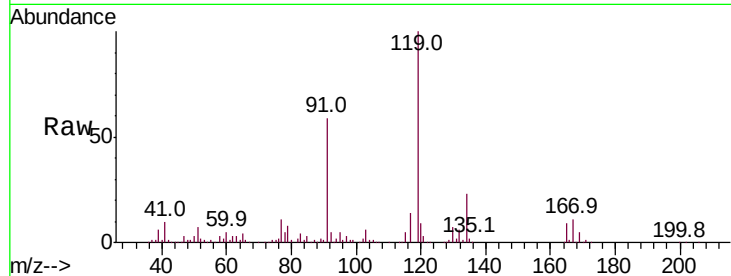
#79
tert-butylbenzene
Concen: 17.093 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	144019		
91	55.6	0.0	118.4	
134	23.4	0.0	47.4	

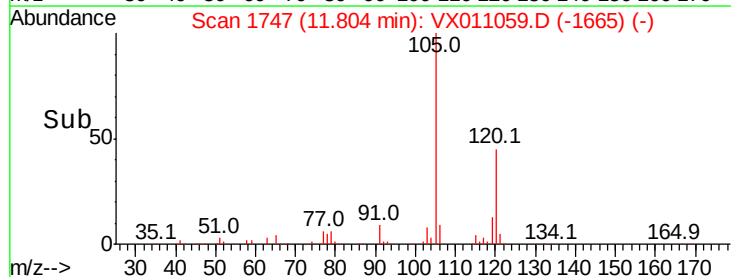
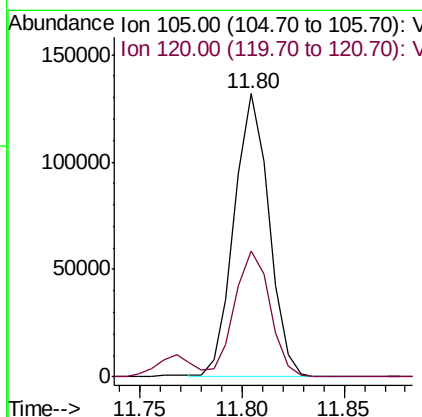
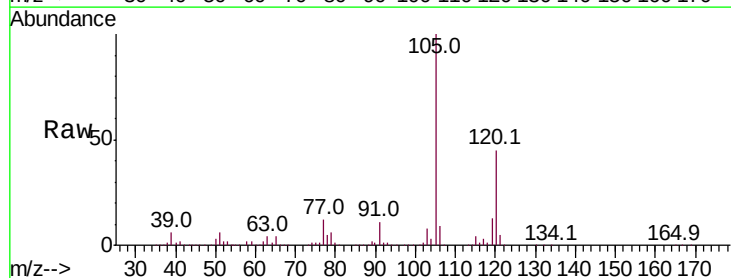
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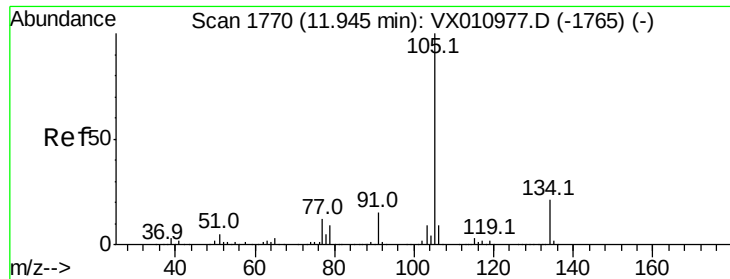
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.843 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156081		
120	45.8	0.0	91.6	





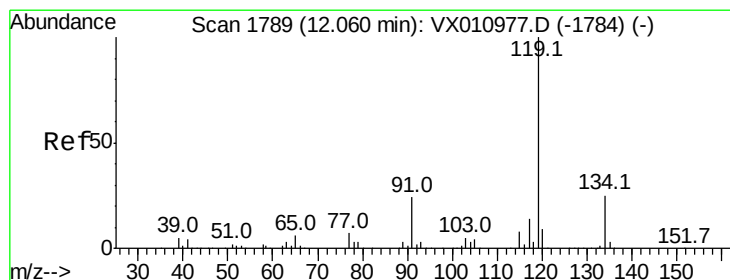
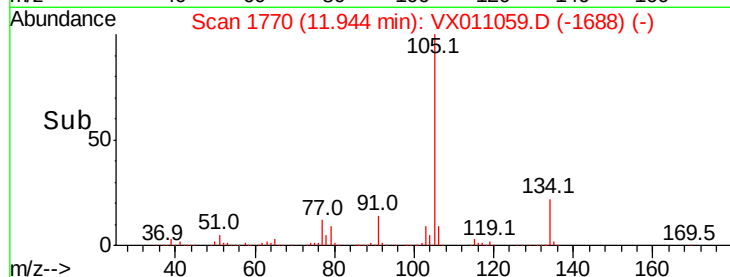
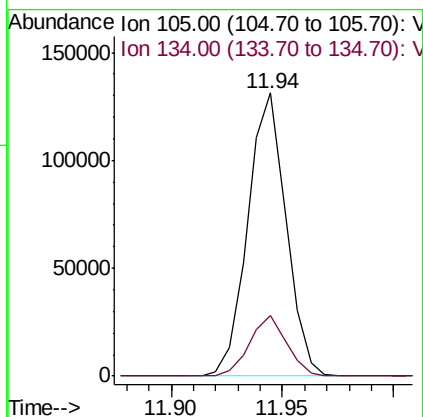
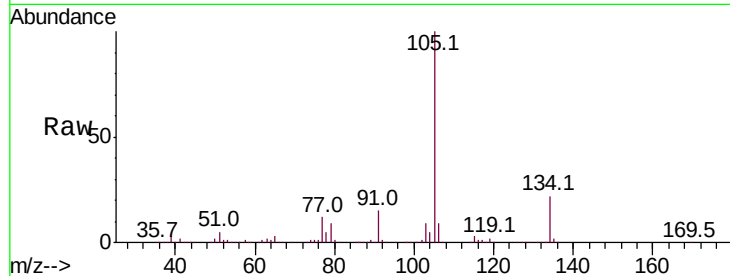
#81
 sec-Butylbenzene
 Concen: 15.899 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	157911		
134	20.8	0.0	41.8	

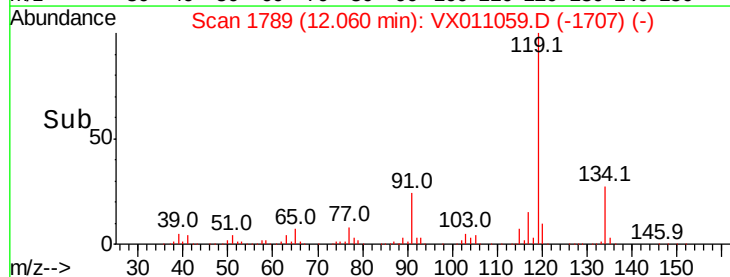
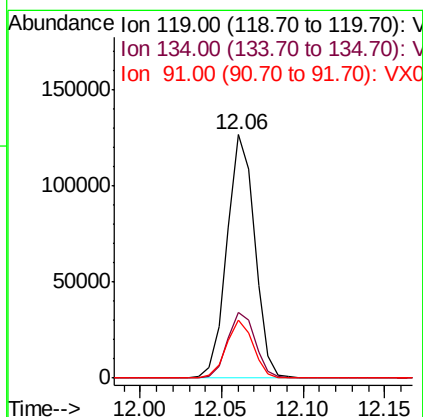
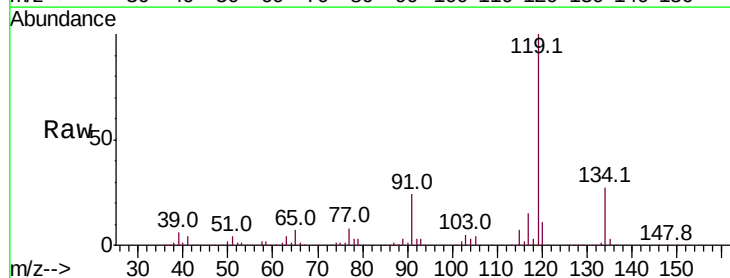
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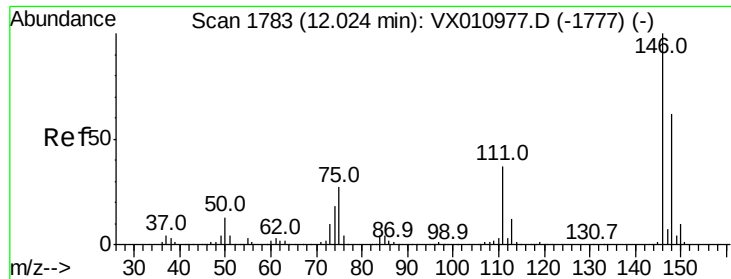
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#82
 p-Isopropyltoluene
 Concen: 16.241 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	149684		
134	27.0	0.0	52.8	
91	23.2	0.0	47.0	





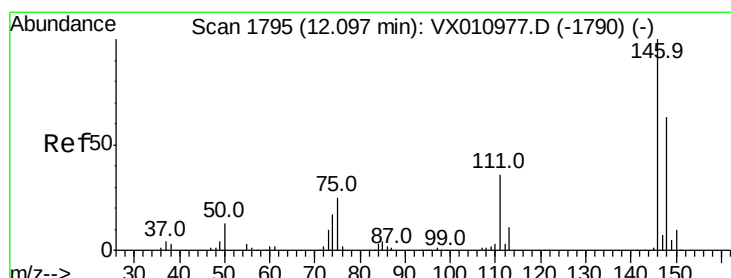
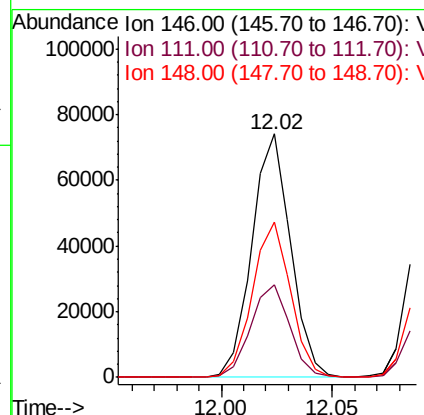
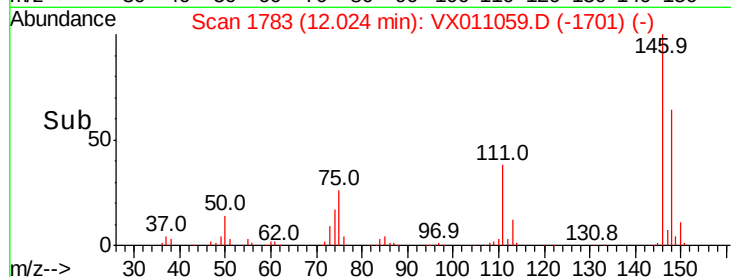
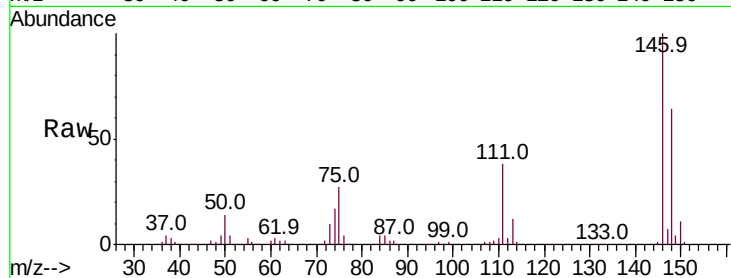
#83
 1,3-Dichlorobenzene
 Concen: 18.404 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.1	31.4	94.0

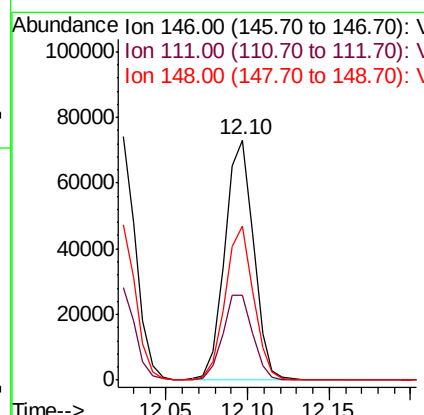
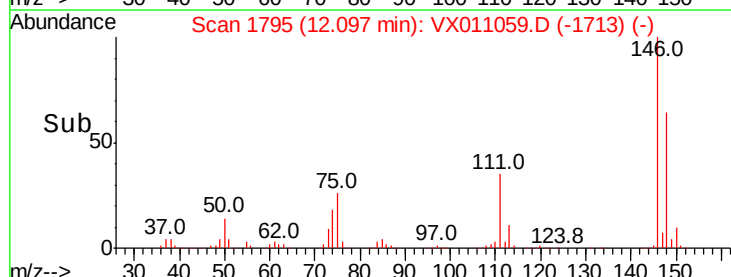
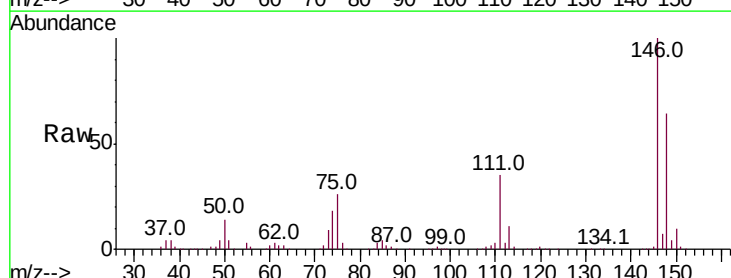
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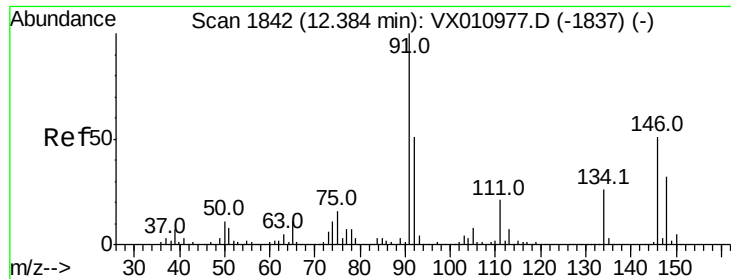
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#84
 1,4-Dichlorobenzene
 Concen: 18.581 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.5	55.5
148	62.9	32.0	96.0





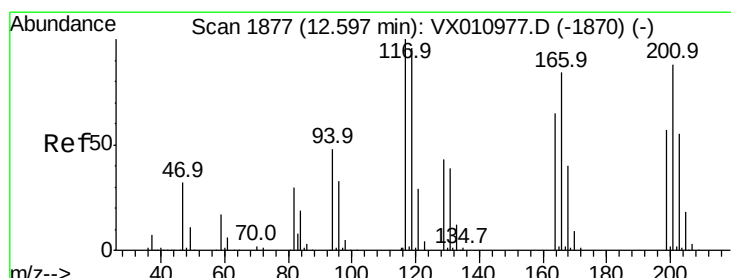
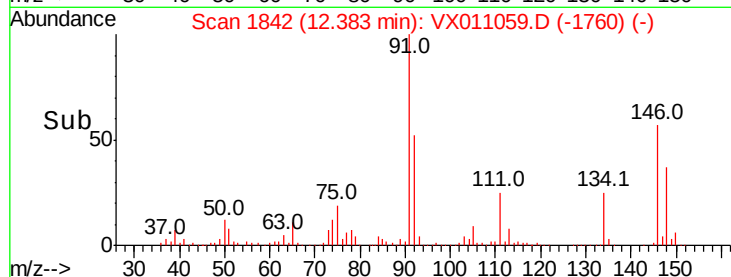
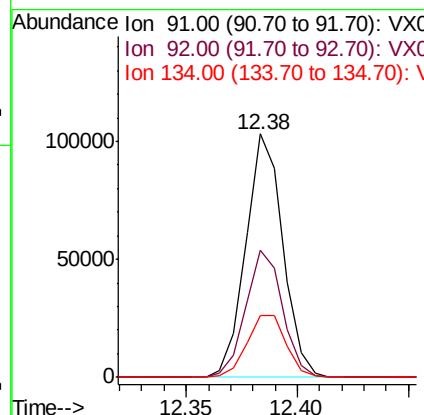
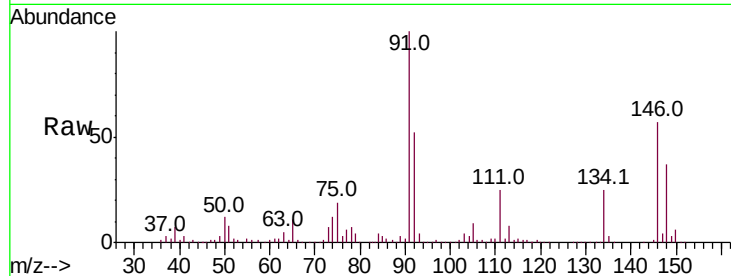
#85
n-Butylbenzene
Concen: 15.286 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.1	0.0	103.6	
134	27.1	0.0	54.2	

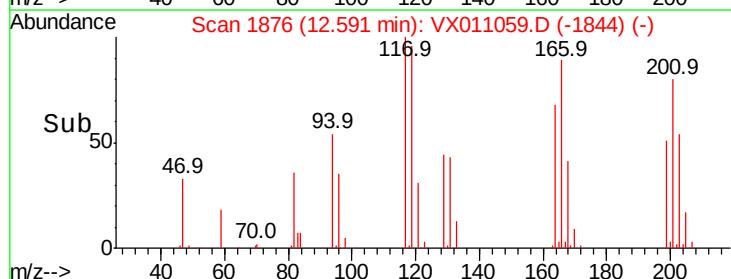
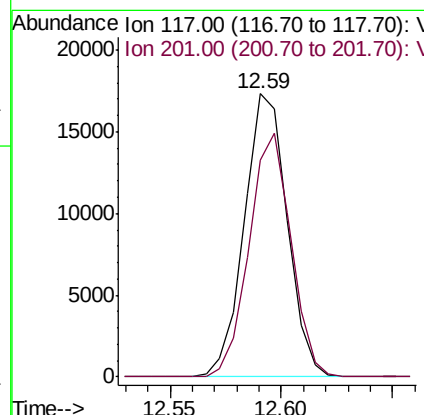
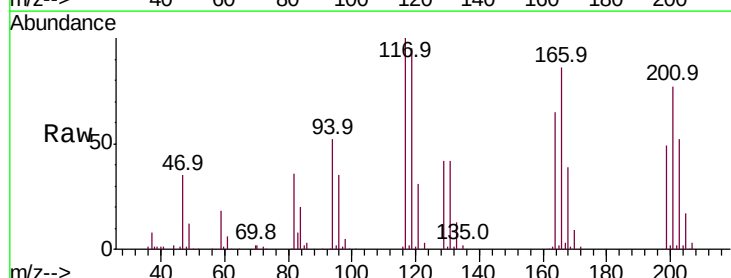
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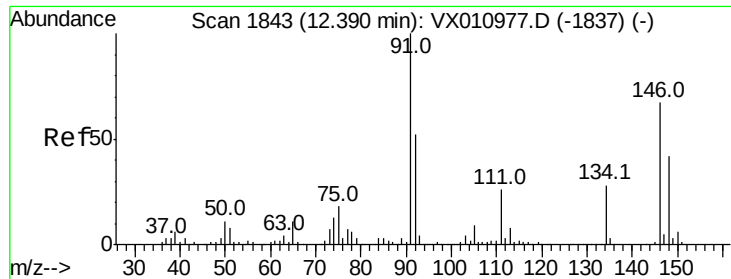
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#86
Hexachloroethane
Concen: 16.054 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.9	42.1	126.3	





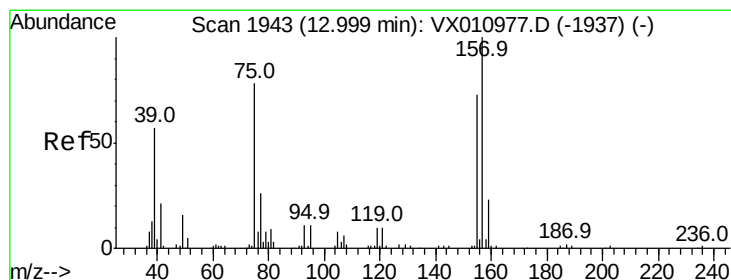
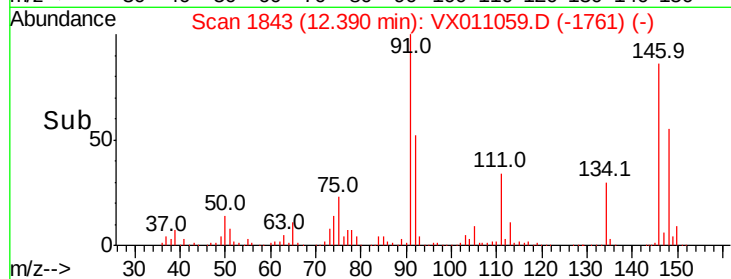
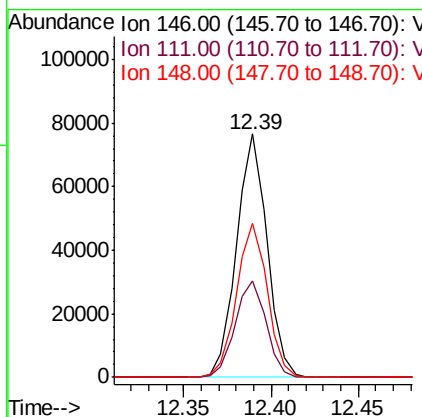
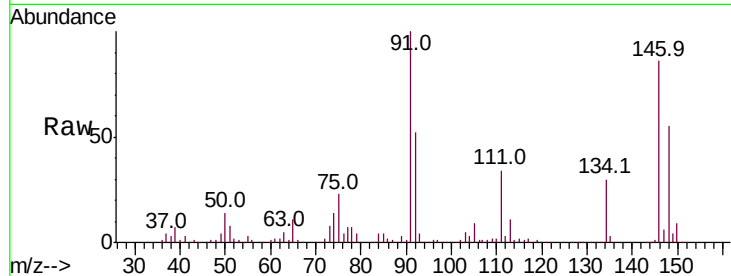
#87
 1,2-Dichlorobenzene
 Concen: 19.436 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.5	58.5
148	63.6	31.5	94.5

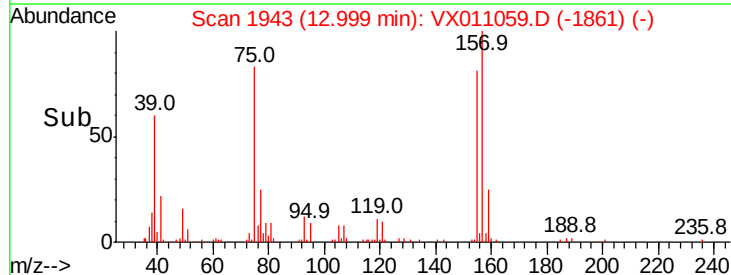
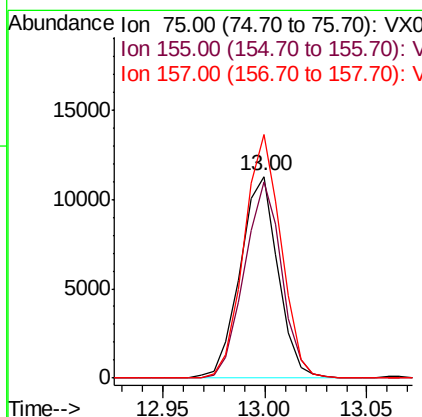
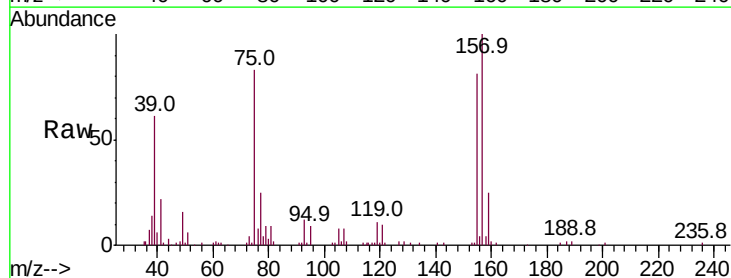
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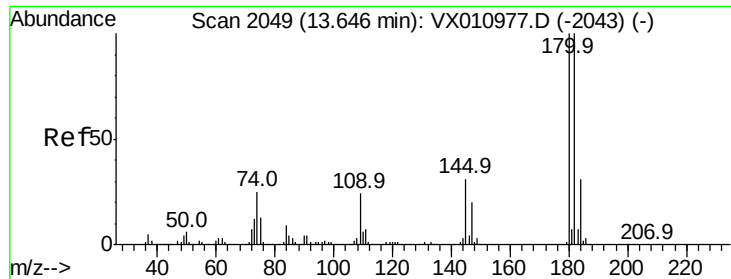
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.945 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	76.6	115.0
157	117.9	101.0	151.4





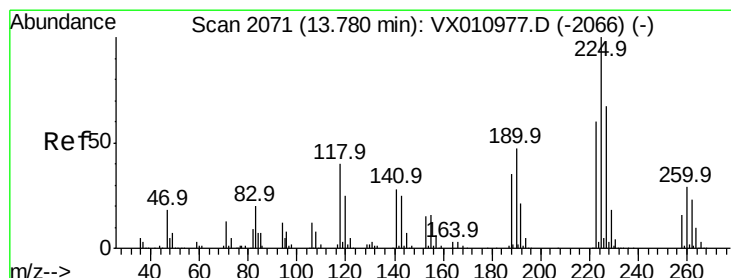
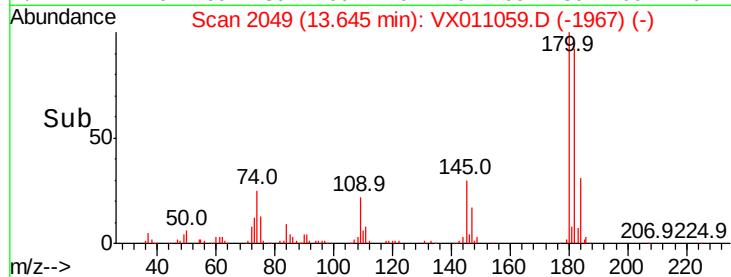
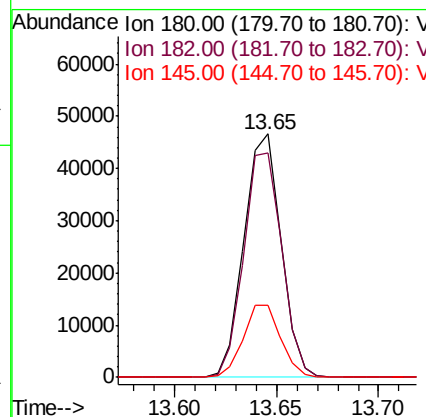
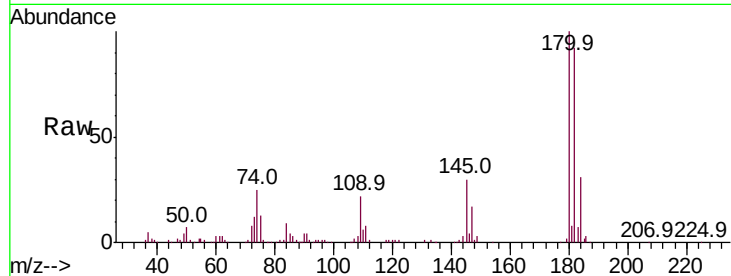
#89
 1,2,4-Trichlorobenzene
 Concen: 17.878 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59015		
182	94.0	77.6	116.4	
145	30.0	23.8	35.6	

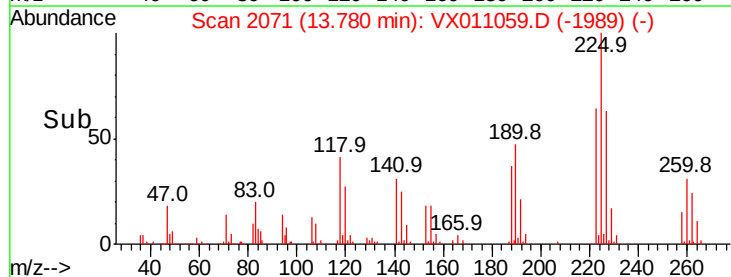
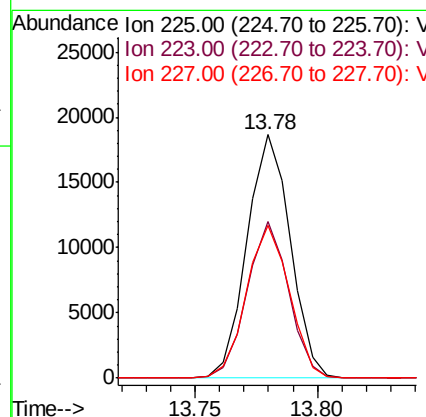
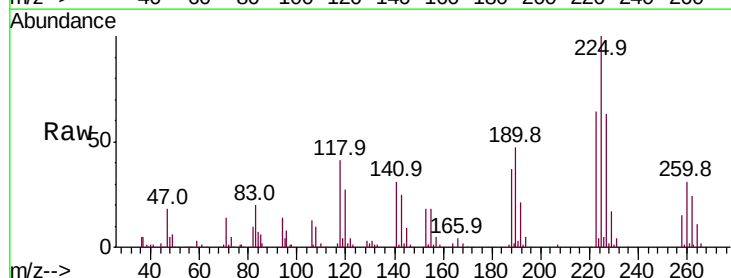
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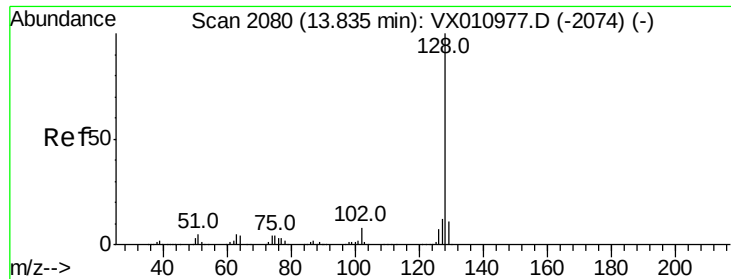
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#90
 Hexachlorobutadiene
 Concen: 14.362 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011059.D
 Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22922		
223	61.8	0.0	121.4	
227	62.5	0.0	126.6	





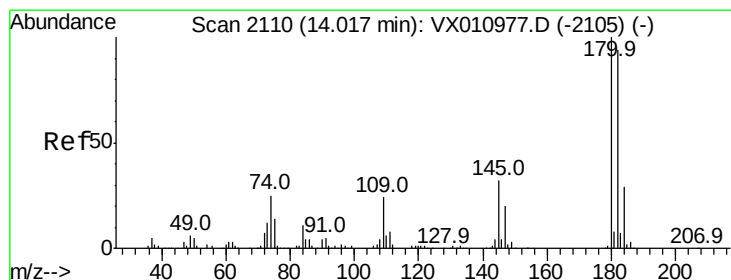
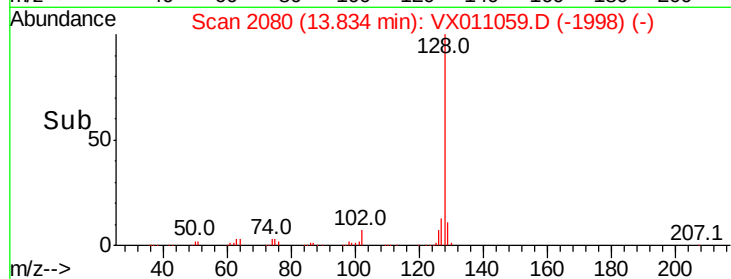
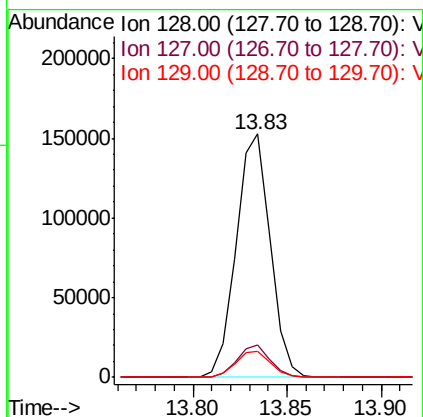
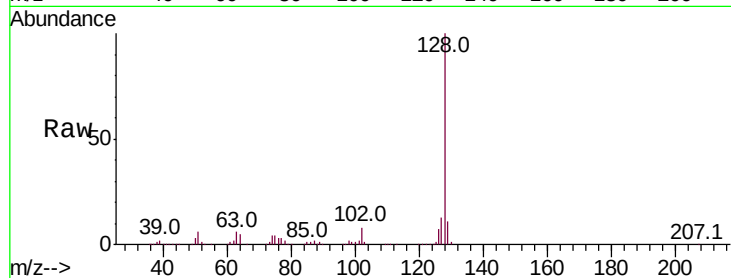
#91
Naphthalene
Concen: 19.010 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
VX0724WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.1	8.5	12.7

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#92
1,2,3-Trichlorobenzene
Concen: 17.978 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011059.D
Acq: 24 Jul 2019 14:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	0.0	190.2
145	32.5	0.0	63.8

