

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007933.D
 Acq On : 08 Mar 2019 16:02
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:07 PM

Quant Time: Mar 09 04:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	45073	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	241727	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	212880	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	89293	30.14	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.47%
60) 4-Bromofluorobenzene	11.13	95	102058	30.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.13%
63) Toluene-d8	8.71	98	297688	30.56	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	52277	19.537 ug/l	100
3) Chloromethane	1.33	50	58089	19.522 ug/l	96
4) Vinyl Chloride	1.41	62	56848	19.288 ug/l	98
5) Bromomethane	1.64	94	29692	20.207 ug/l	99
6) Chloroethane	1.73	64	32610	18.945 ug/l	96
7) Trichlorofluoromethane	1.93	101	69462	18.926 ug/l	96
8) Diethyl Ether	2.19	74	39102	20.688 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54364	19.702 ug/l	97
10) 1,1-Dichloroethene	2.38	96	53542	20.472 ug/l	97
11) Methyl Iodide	2.51	142	80909	19.762 ug/l	94
12) Methyl Acetate	2.78	43	81977	19.818 ug/l	95
13) Acrolein	2.30	56	44779	92.274 ug/l	97
14) Acrylonitrile	3.15	53	182633	104.011 ug/l	100
15) Acetone	2.45	58	51348	80.997 ug/l	95
16) Carbon Disulfide	2.57	76	165928	20.221 ug/l	99
17) Allyl chloride	2.73	41	108047	20.150 ug/l	89
18) Methylene Chloride	2.86	84	60208	20.207 ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	56671	20.479 ug/l	97
20) Diisopropyl ether	3.87	45	204908	20.889 ug/l	92
21) 1,1-Dichloroethane	3.70	63	107984	20.240 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	64978	20.355 ug/l	92
23) tert-Butyl Alcohol	3.07	59	75072	105.976 ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	184742	20.544 ug/l	96
25) Chloroform	5.22	83	103029	20.460 ug/l	97
26) Cyclohexane	5.58	56	99948	20.274 ug/l	# 91
29) 1,1-Dichloropropene	5.80	75	78220	20.408 ug/l	97
30) 2-Butanone	4.70	43	255354	98.780 ug/l	97
31) 2,2-Dichloropropane	4.59	77	66759	18.858 ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	85055	20.522 ug/l	98
33) Carbon Tetrachloride	5.79	117	74031	20.138 ug/l	97
34) Benzene	6.15	78	244278	20.797 ug/l	98
35) Methacrylonitrile	5.06	41	53133	21.093 ug/l	96
36) 1,2-Dichloroethane	6.20	62	79171	20.718 ug/l	99
37) Trichloroethene	7.21	130	65425	20.559 ug/l	96
38) Methylcyclohexane	7.46	83	96594	19.822 ug/l	94
39) 1,2-Dichloropropane	7.52	63	64129	20.935 ug/l	97
40) Dibromomethane	7.66	93	40451	20.819 ug/l	93

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	74364	20.248	ug/l	100
42) Vinyl Acetate	3.82	43	889141	106.256	ug/l	97
43) Ethyl Acetate	4.85	43	95330	21.171	ug/l #	81
44) Isopropyl Acetate	6.46	43	143308	20.859	ug/l	100
45) 1,4-Dioxane	7.75	88	30750	427.794	ug/l	90
46) Methyl methacrylate	7.77	41	74750	20.687	ug/l	90
47) n-amyl Acetate	10.90	43	119647	20.211	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	77397	19.458	ug/l	96
49) cis-1,3-Dichloropropene	8.44	75	89897	19.959	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	61419	20.738	ug/l	97
51) Ethyl methacrylate	9.18	69	92510	20.596	ug/l	92
52) 1,3-Dichloropropane	9.37	76	102091	20.862	ug/l	99
53) Dibromochloromethane	9.58	129	61669	20.243	ug/l	99
54) 1,2-Dibromoethane	9.67	107	64342	20.780	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	207007	99.092	ug/l	98
56) Bromoform	10.86	173	47188	19.419	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	474969	108.369	ug/l	99
59) 2-Hexanone	9.49	43	359486	103.905	ug/l	100
61) Tetrachloroethene	9.33	164	64884	20.894	ug/l	97
62) Toluene	8.79	91	256162	20.607	ug/l	100
64) Chlorobenzene	10.14	112	160530	20.262	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	58913	20.769	ug/l	98
66) Ethyl Benzene	10.25	91	268733	20.127	ug/l	98
67) m/p-Xylenes	10.36	106	208449	40.715	ug/l	96
68) o-Xylene	10.70	106	101422	20.401	ug/l	99
69) Styrene	10.71	104	164940	20.136	ug/l	99
70) Isopropylbenzene	11.02	105	270320	20.349	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	91788	20.921	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	87025m	21.043	ug/l	
73) Bromobenzene	11.26	156	71203	20.161	ug/l	95
74) n-propylbenzene	11.36	91	299157	19.964	ug/l	98
75) 2-Chlorotoluene	11.42	91	181276	20.183	ug/l	95
76) 1,3,5-Trimethylbenzene	11.51	105	223516	20.302	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	23440	18.345	ug/l	92
78) 4-Chlorotoluene	11.51	91	205399	20.227	ug/l	96
79) tert-butylbenzene	12.06	119	235711	19.951	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	226001	20.226	ug/l	98
81) sec-Butylbenzene	11.94	105	263431	19.907	ug/l	99
82) p-Isopropyltoluene	12.06	119	235711	19.951	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	124429	19.789	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	124054	19.719	ug/l	98
85) n-Butylbenzene	12.38	91	192108	19.013	ug/l	99
86) Hexachloroethane	12.60	117	37396	19.427	ug/l	83
87) 1,2-Dichlorobenzene	12.39	146	126091	20.291	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18048	20.139	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	85230	19.084	ug/l	98
90) Hexachlorobutadiene	13.78	225	46925	19.051	ug/l	97
91) Naphthalene	13.83	128	257926	20.148	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	86910	19.578	ug/l	99

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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

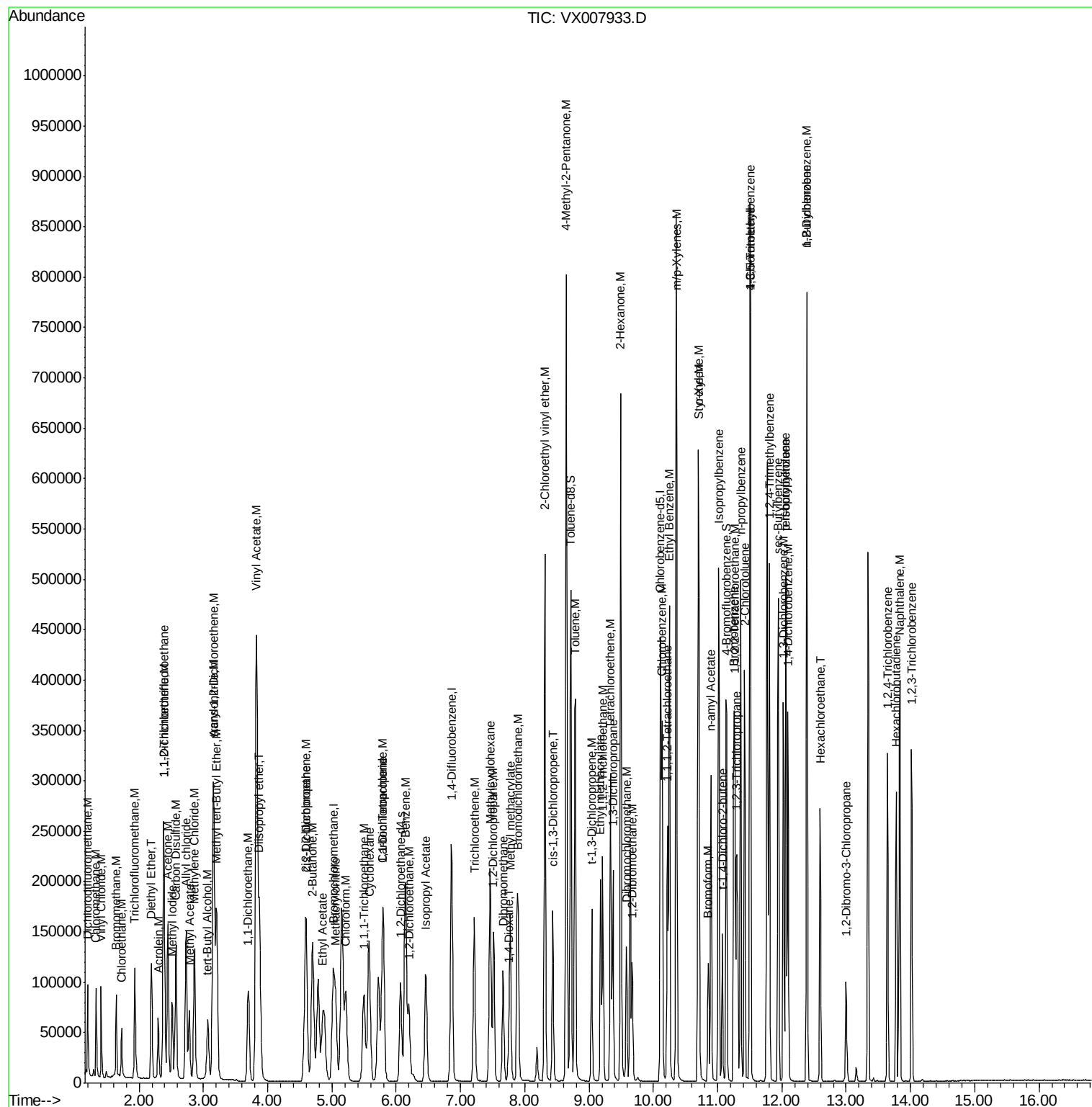
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Data File : VX007933.D
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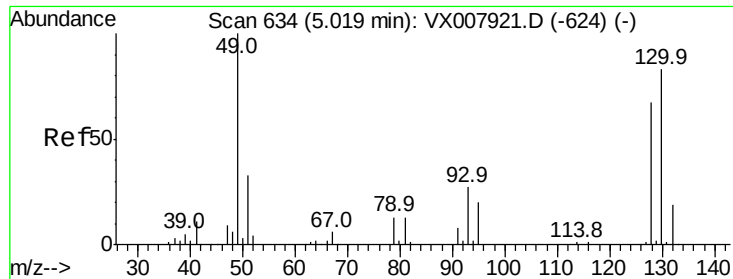
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Manual Integrations
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Quant Time: Mar 09 04:39:29 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 45073

Ion Ratio Lower Upper

128 100

49 159.7 0.0 350.8

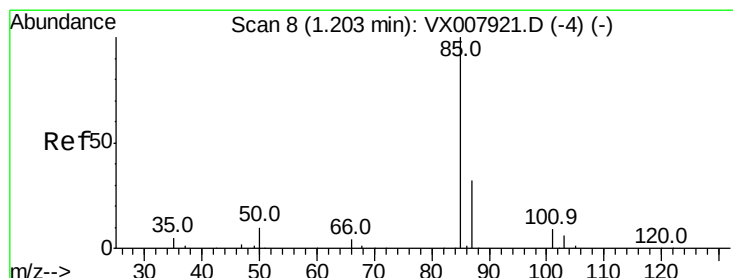
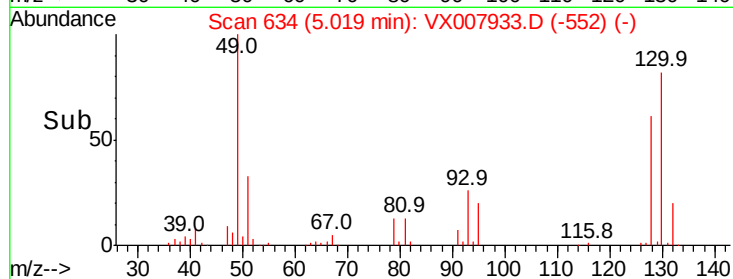
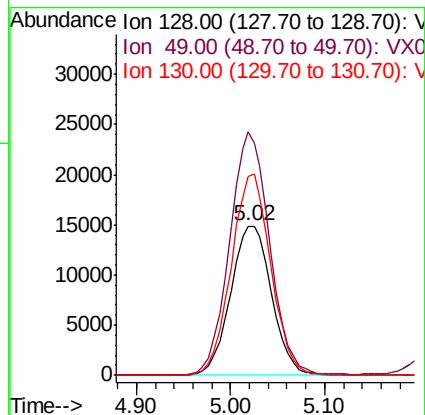
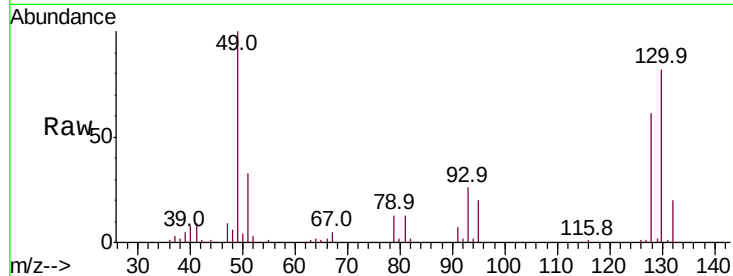
130 130.6 0.0 325.8

Manual Integrations

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3/11/2019 12:02:07 PM



#2

Dichlorodifluoromethane

Concen: 19.537 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007933.D

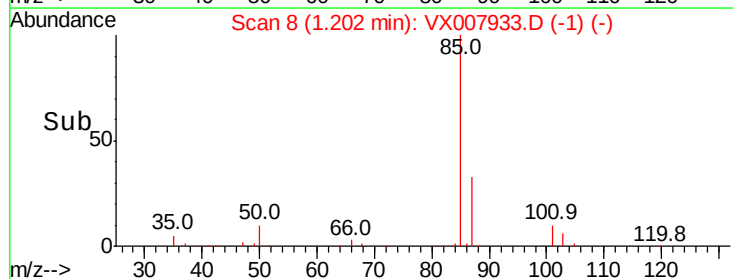
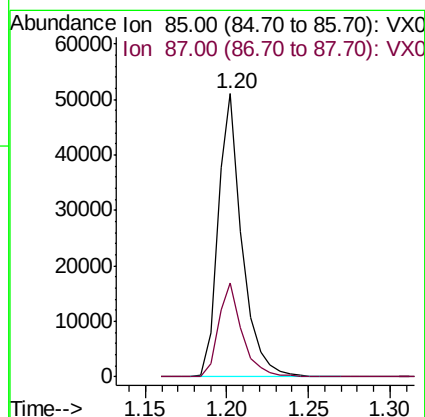
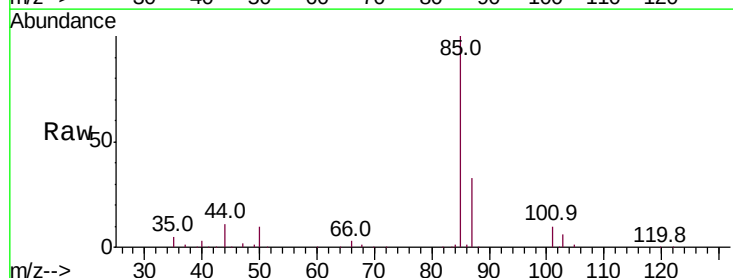
Acq: 08 Mar 2019 16:02

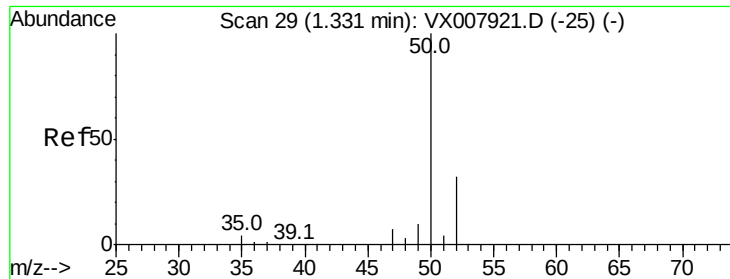
Tgt Ion: 85 Resp: 52277

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.8





#3

Chloromethane

Concen: 19.522 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 58089

Ion Ratio Lower Upper

50 100

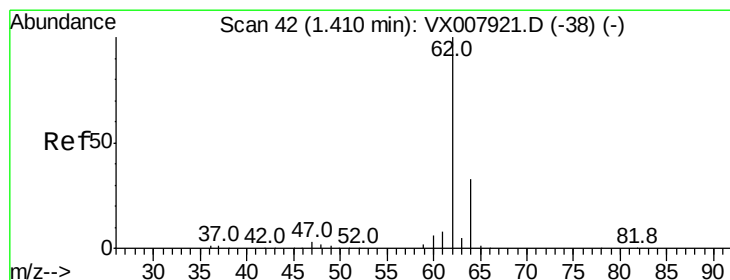
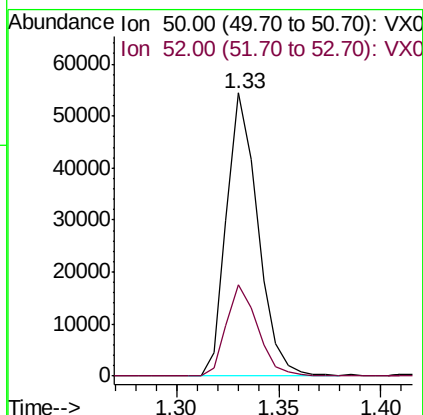
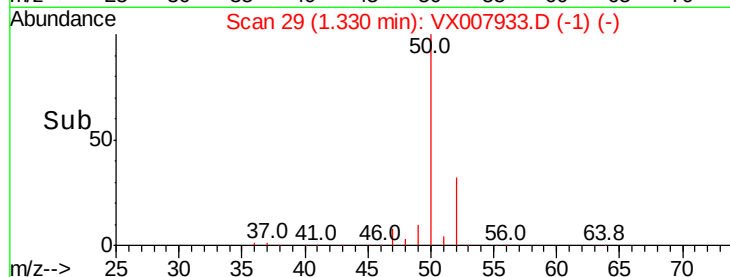
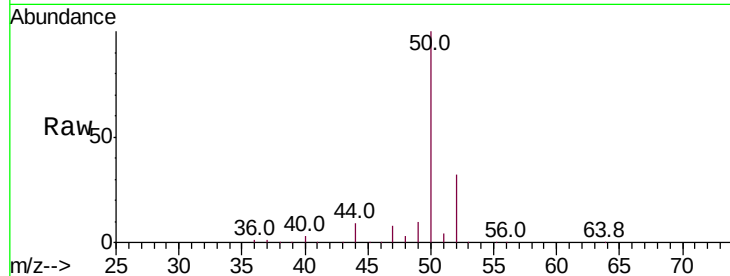
52 32.2 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.288 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007933.D

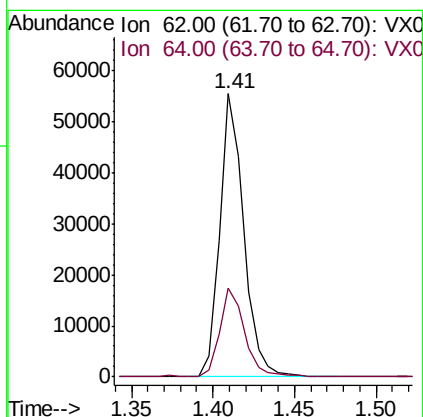
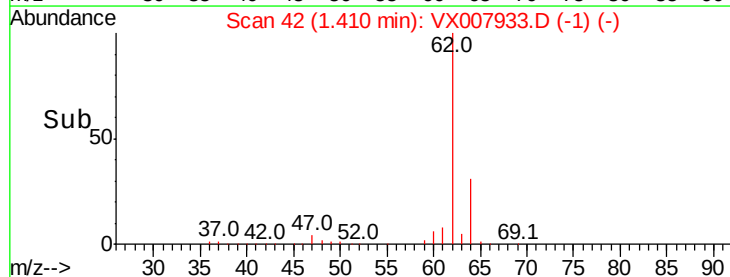
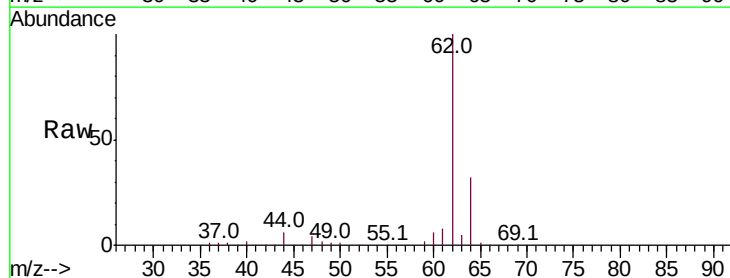
Acq: 08 Mar 2019 16:02

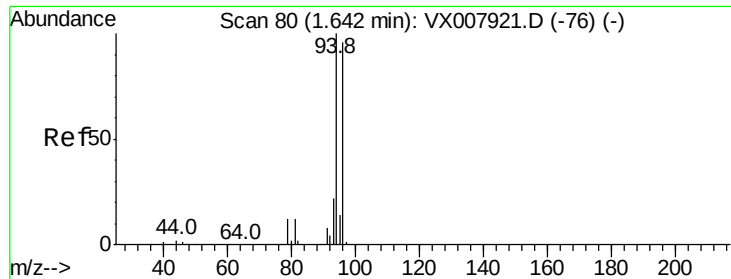
Tgt Ion: 62 Resp: 56848

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 20.207 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 29692

Ion Ratio Lower Upper

94 100

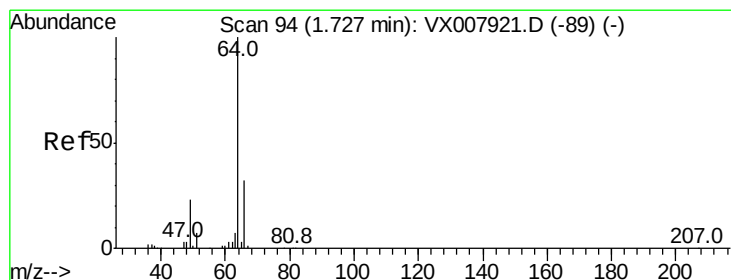
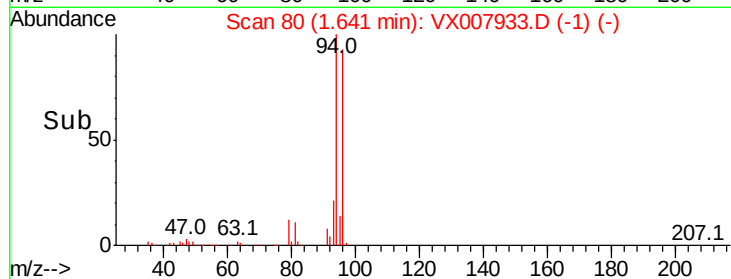
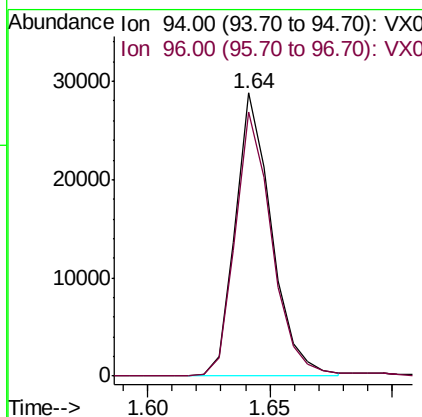
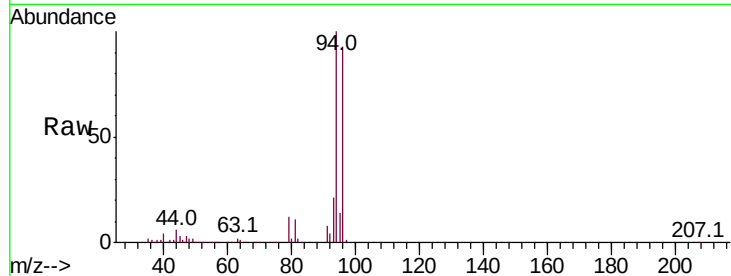
96 93.1 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.945 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007933.D

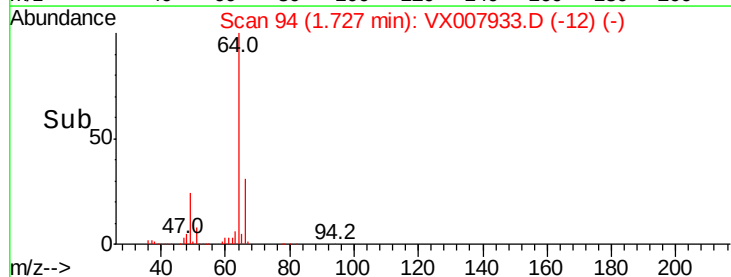
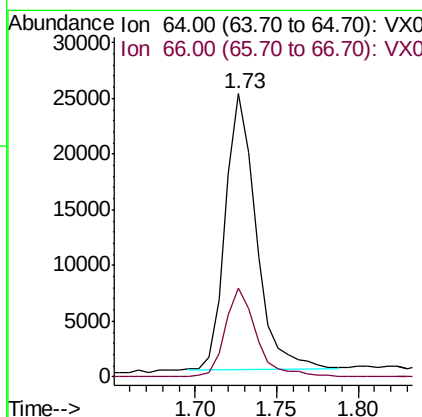
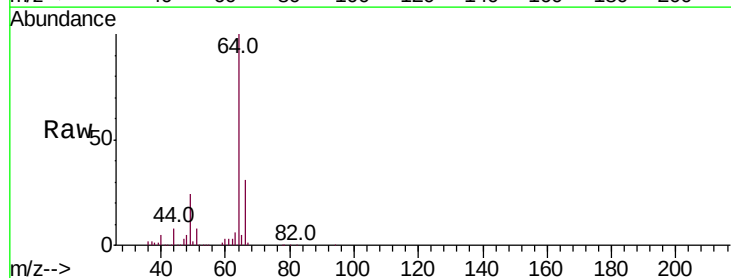
Acq: 08 Mar 2019 16:02

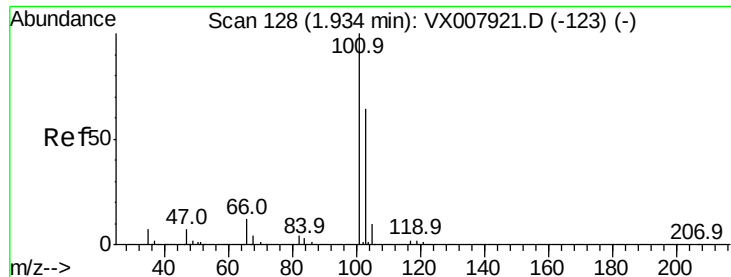
Tgt Ion: 64 Resp: 32610

Ion Ratio Lower Upper

64 100

66 32.3 23.9 35.9





#7

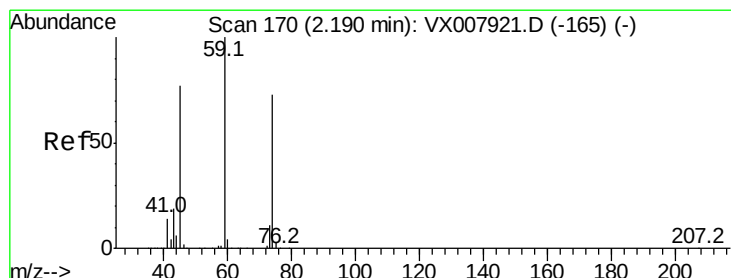
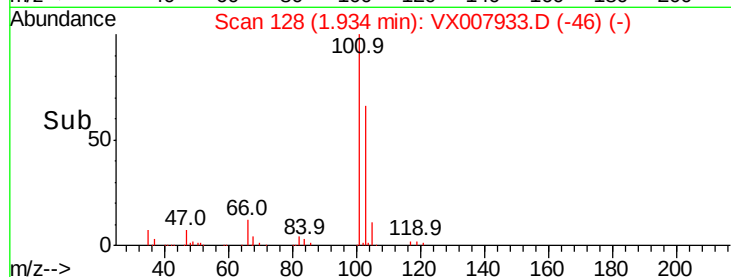
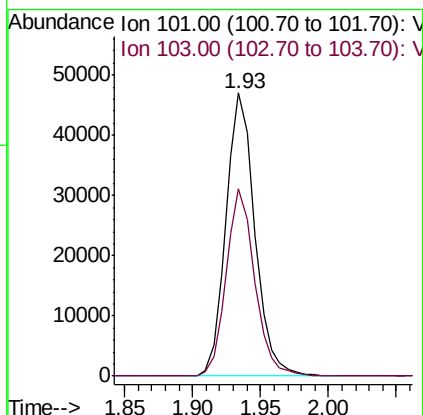
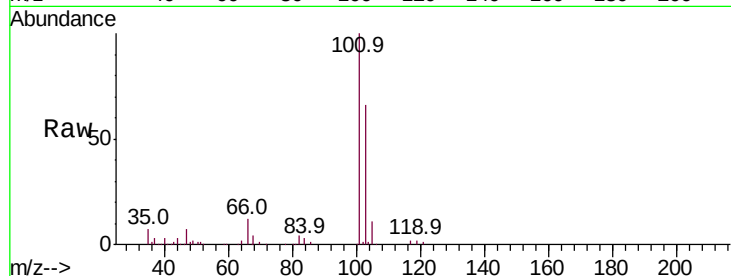
Trichlorofluoromethane
Concen: 18.926 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.4	75.6

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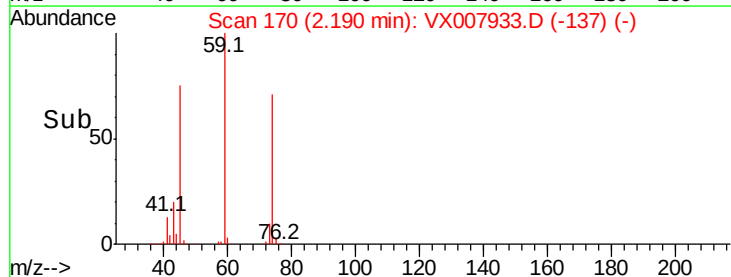
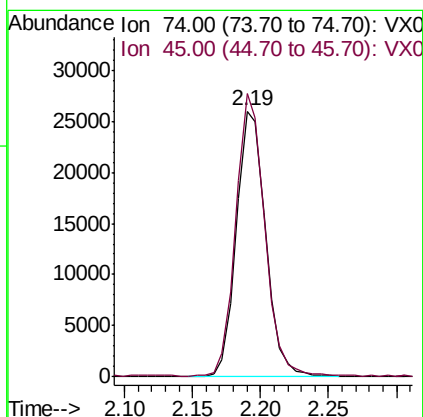
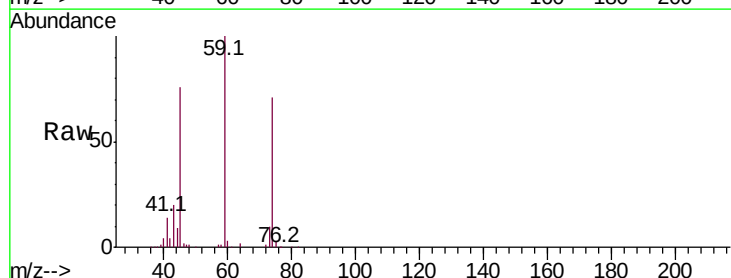
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3/11/2019 12:02:07 PM

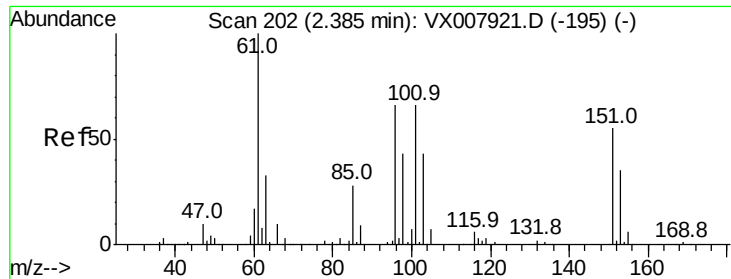


#8

Diethyl Ether
Concen: 20.688 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.8	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.702 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007933.D

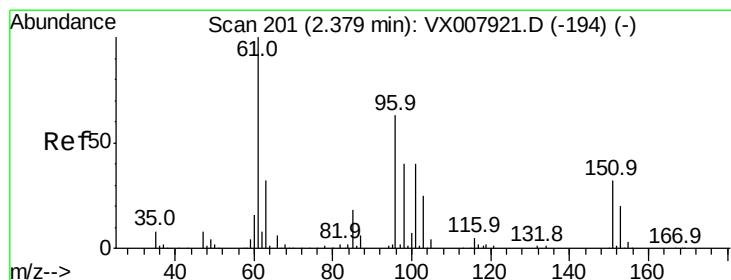
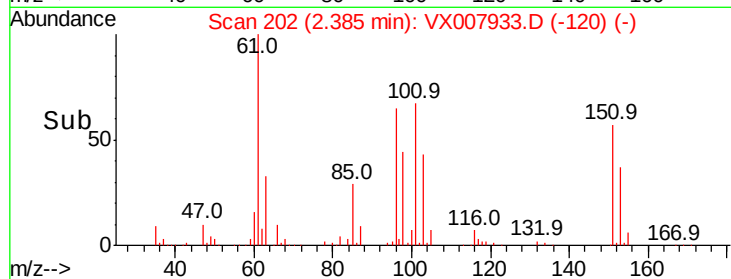
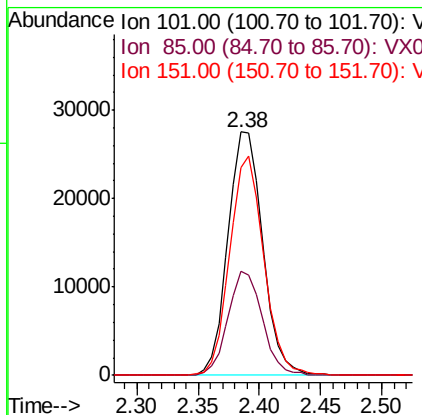
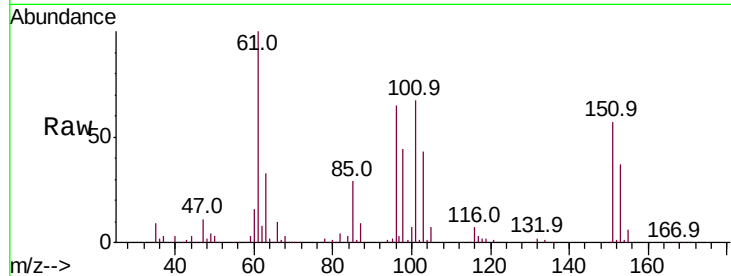
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.2	0.0	86.8
151	88.0	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 20.472 ug/l

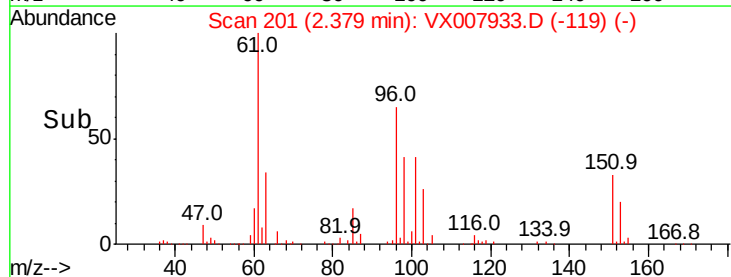
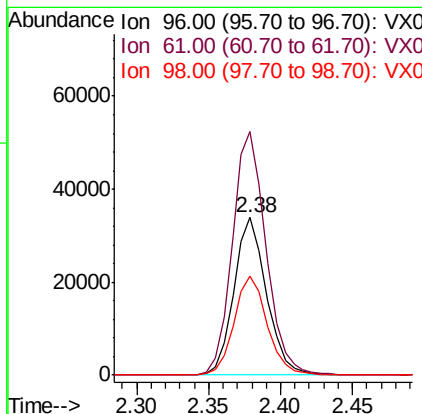
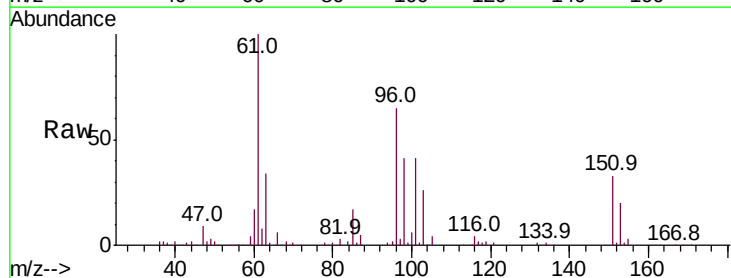
RT: 2.38 min Scan# 201

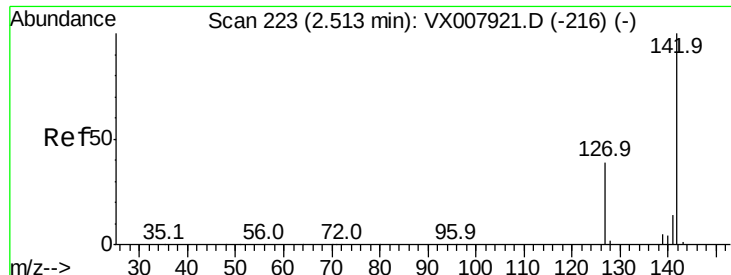
Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	120.2	180.2
98	63.0	49.0	73.4





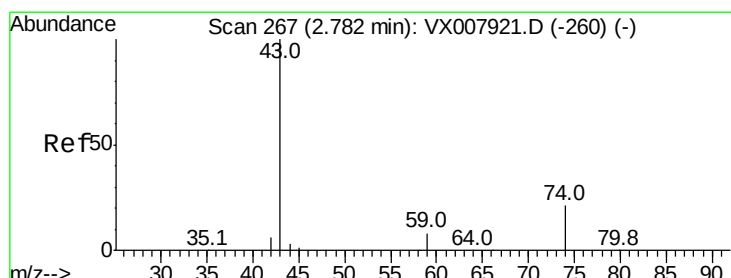
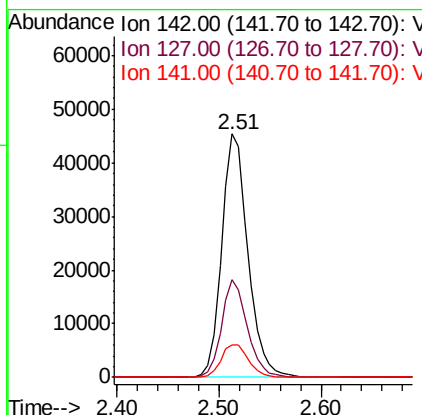
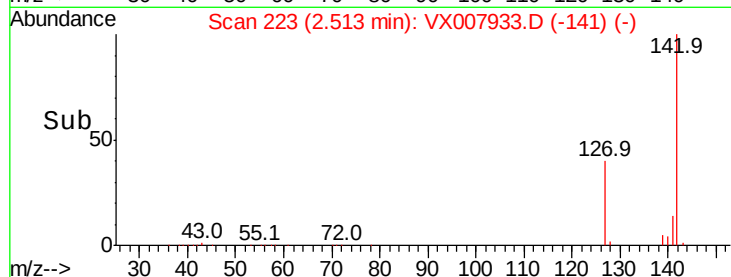
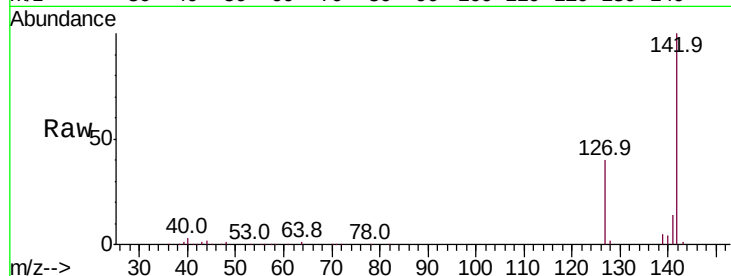
#11
Methvl Iodide
Concen: 19.762 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.9	22.1	66.5
141	13.6	7.4	22.3

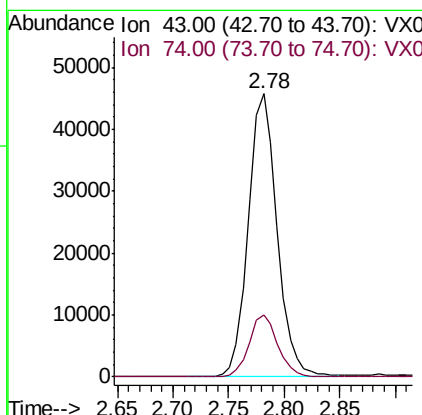
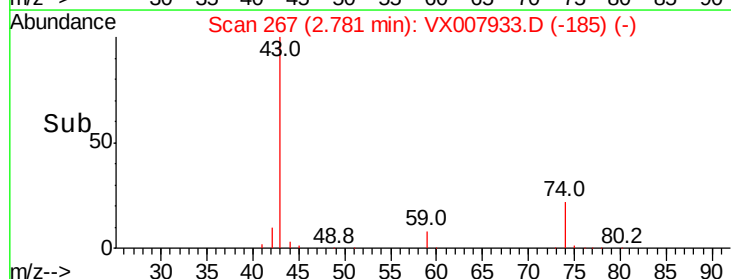
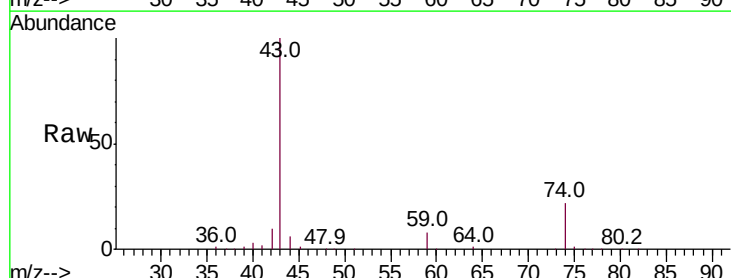
Manual Integrations
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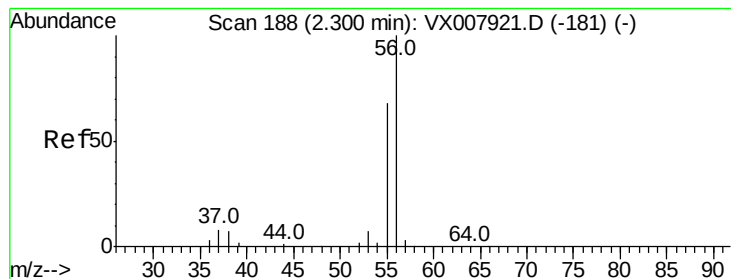
MMDadoda
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#12
Methyl Acetate
Concen: 19.818 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	19.4	29.0





#13

Acrolein

Concen: 92.274 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 44779

Ion Ratio Lower Upper

56 100

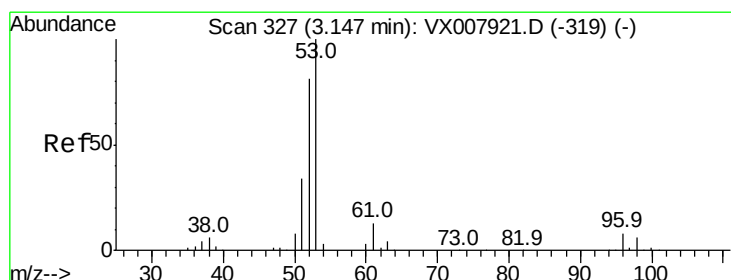
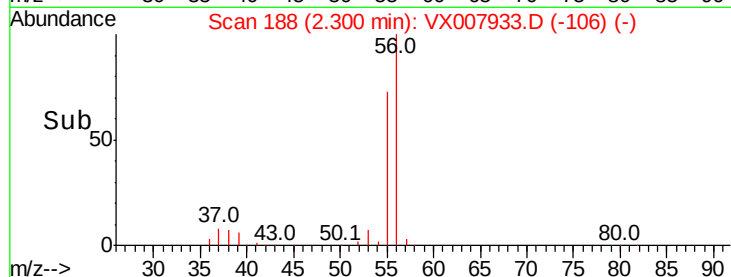
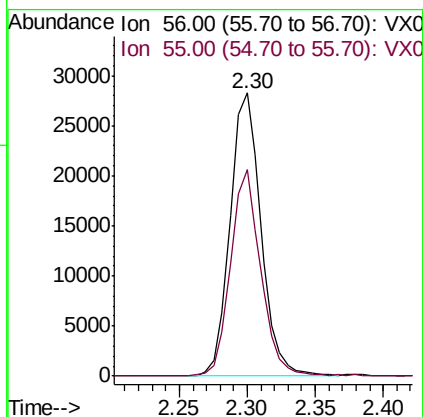
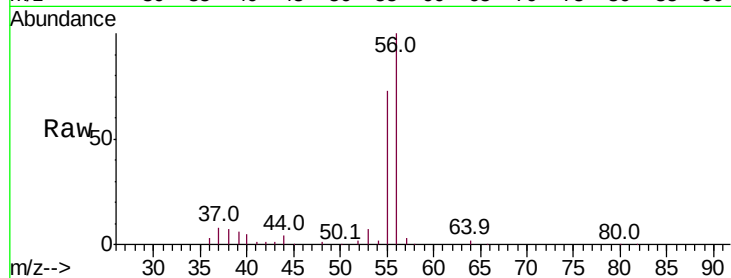
55 70.9 58.6 87.8

Manual Integrations

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#14

Acrylonitrile

Concen: 104.011 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

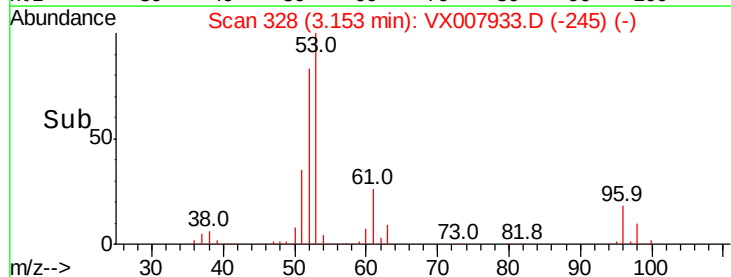
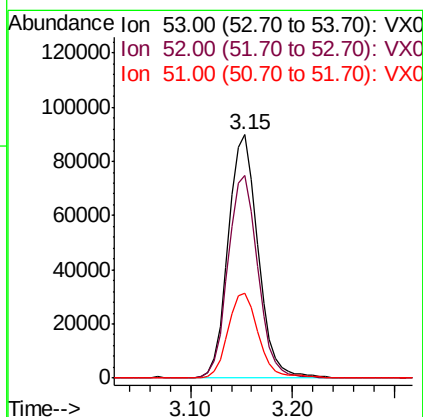
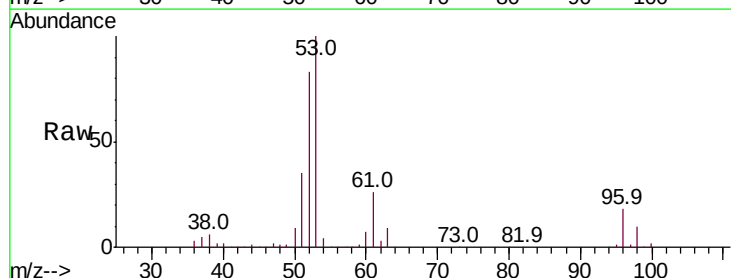
Tgt Ion: 53 Resp: 182633

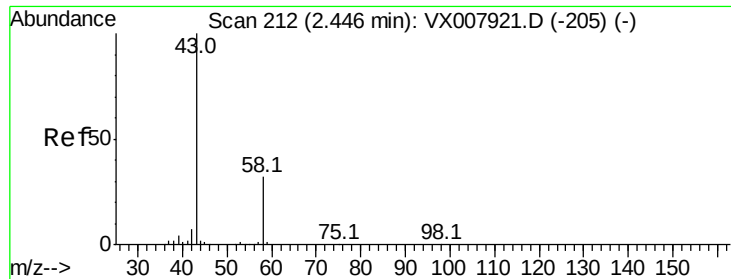
Ion Ratio Lower Upper

53 100

52 82.9 41.3 124.1

51 34.7 17.5 52.6





#15

Acetone

Concen: 80.997 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 51348

Ion Ratio Lower Upper

58 100

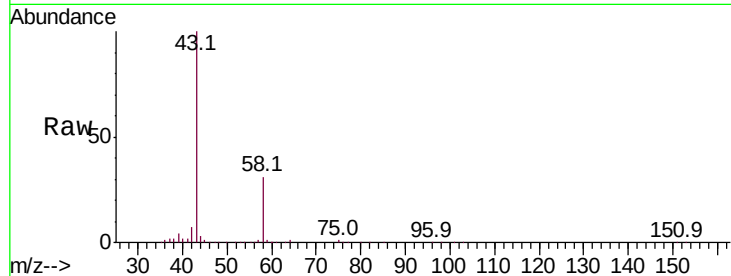
43 321.5 249.8 374.6

Manual Integrations

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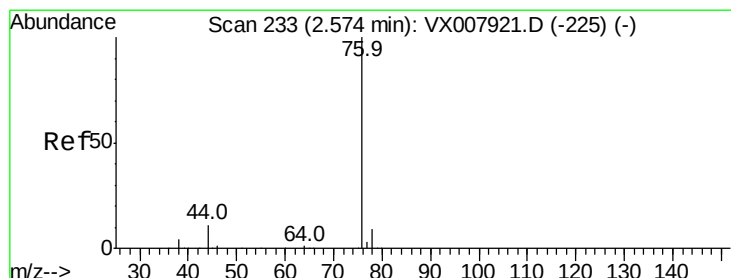
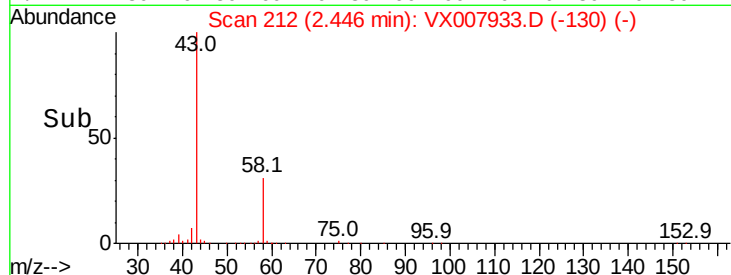
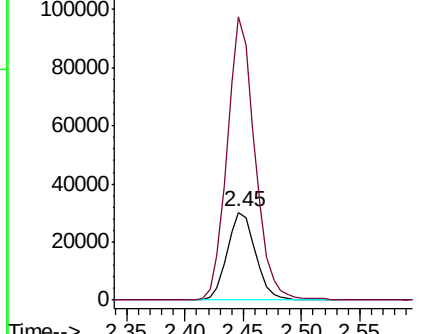
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.221 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007933.D

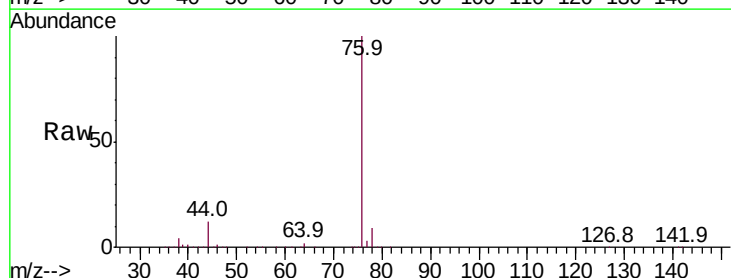
Acq: 08 Mar 2019 16:02

Tgt Ion: 76 Resp: 165928

Ion Ratio Lower Upper

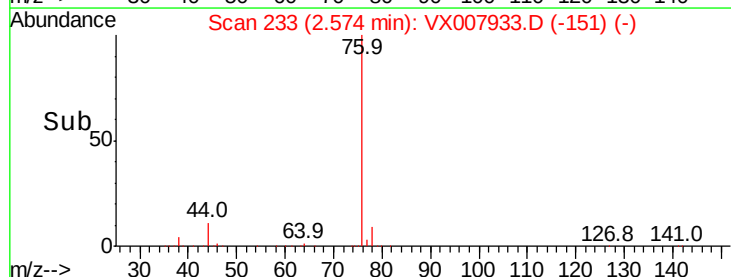
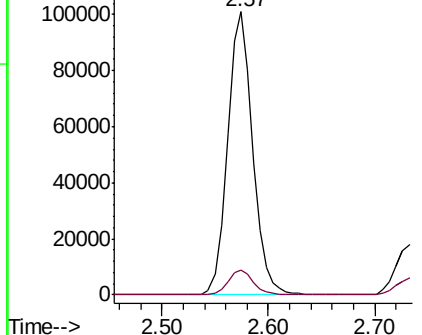
76 100

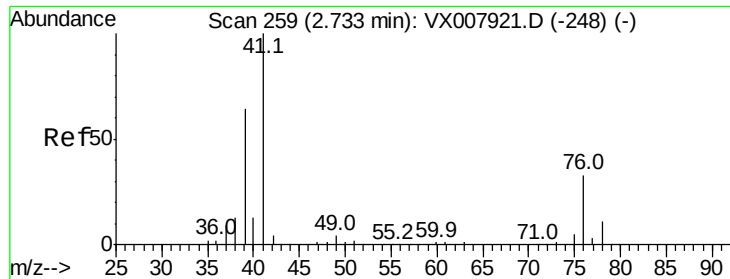
78 9.0 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





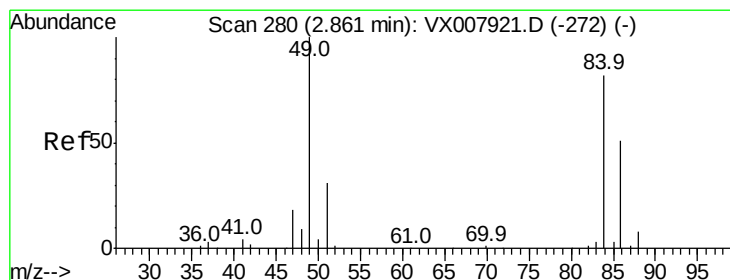
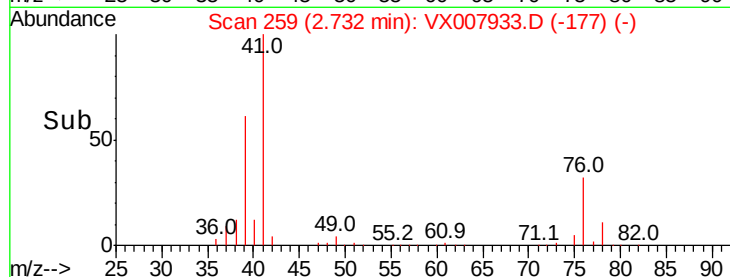
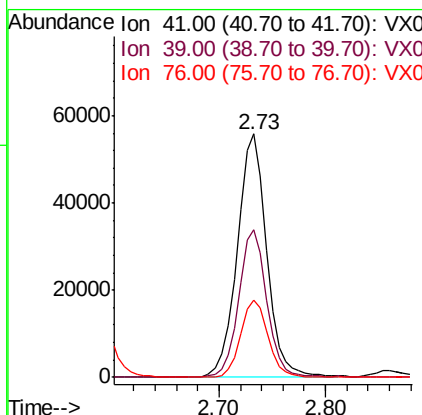
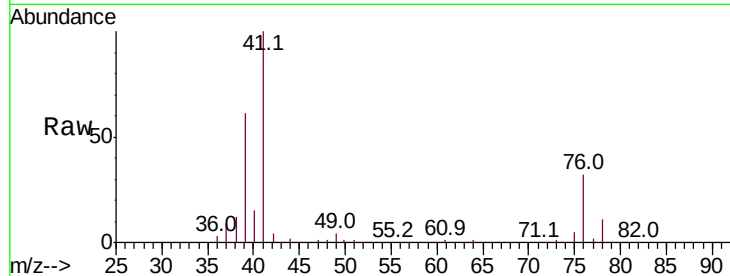
#17
Allvl chloride
Concen: 20.150 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.8	35.8	107.4
76	32.0	18.3	54.9

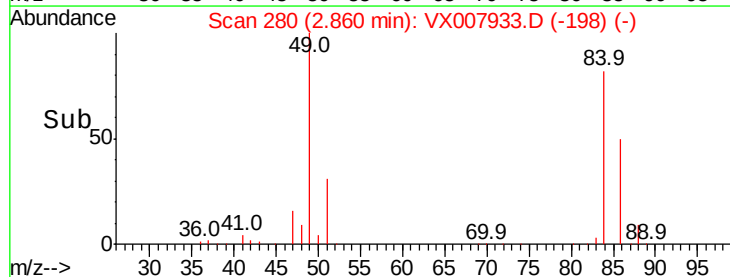
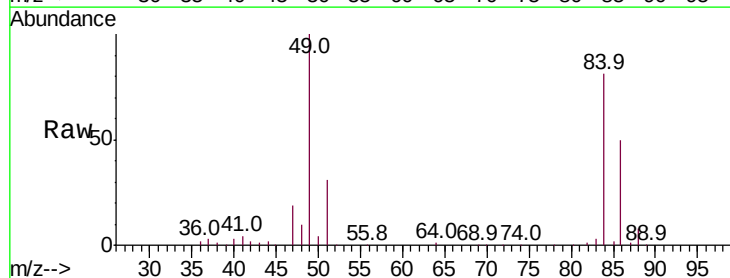
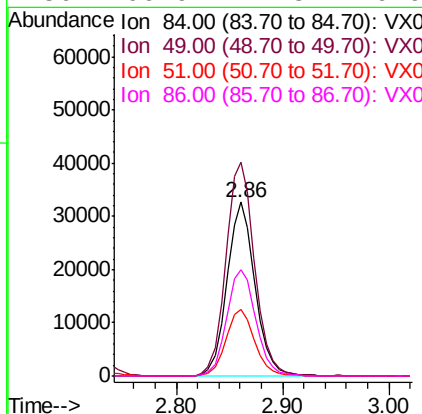
Manual Integrations
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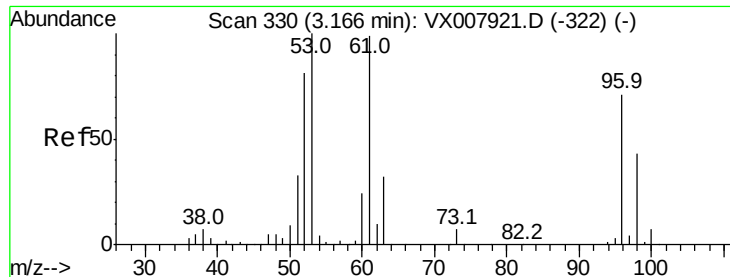
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#18
Methylene Chloride
Concen: 20.207 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	96.1	144.1
51	38.5	29.1	43.7
86	60.9	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 20.479 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 96 Resp: 56671

Ion Ratio Lower Upper

96 100

61 142.4 109.9 164.9

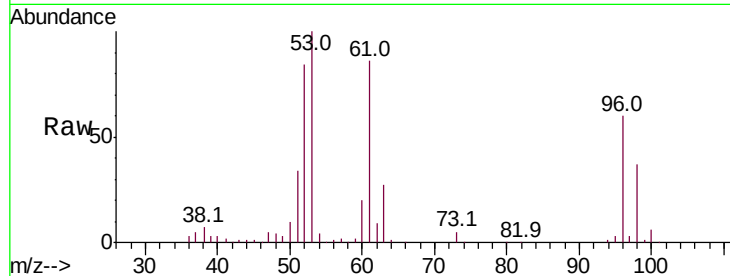
98 61.8 50.4 75.6

Manual Integrations

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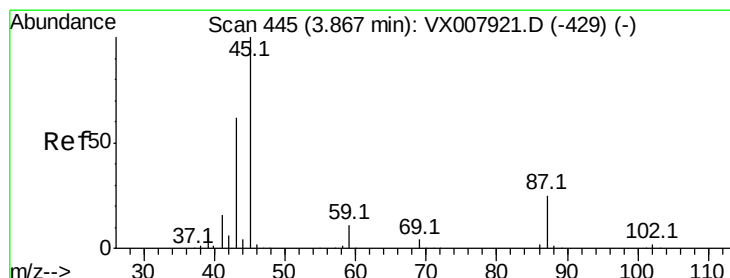
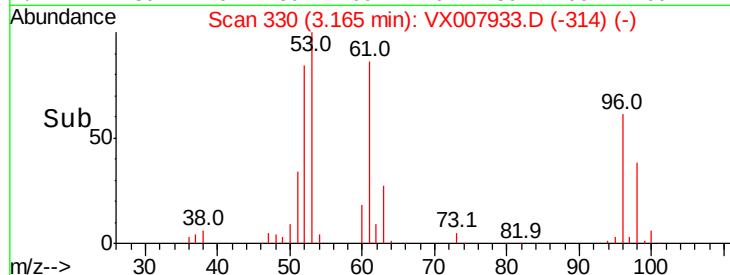
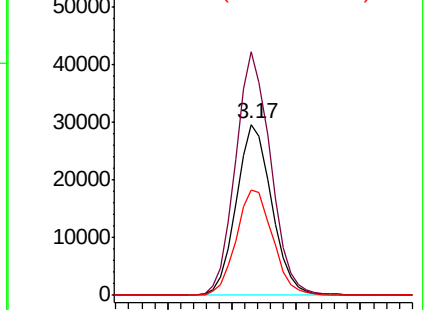


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 20.889 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion: 45 Resp: 204908

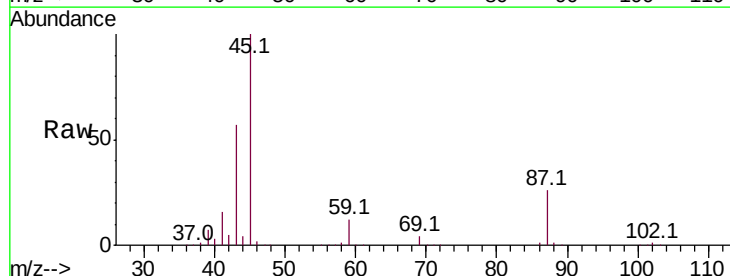
Ion Ratio Lower Upper

45 100

43 56.5 50.6 76.0

87 25.8 24.5 36.7

59 11.6 10.2 15.2



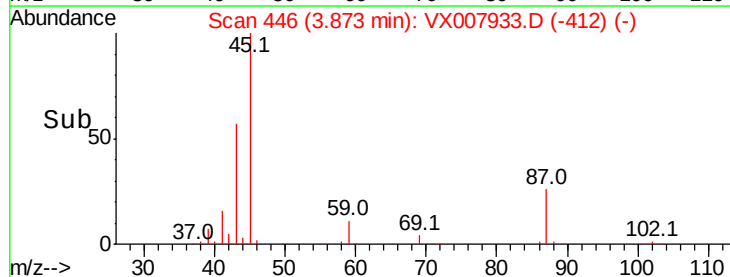
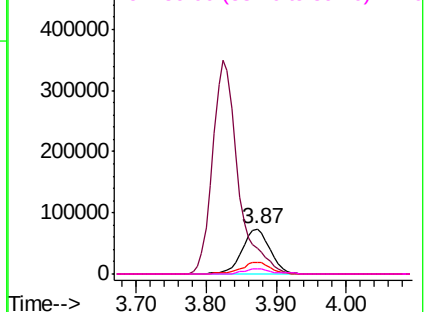
Abundance

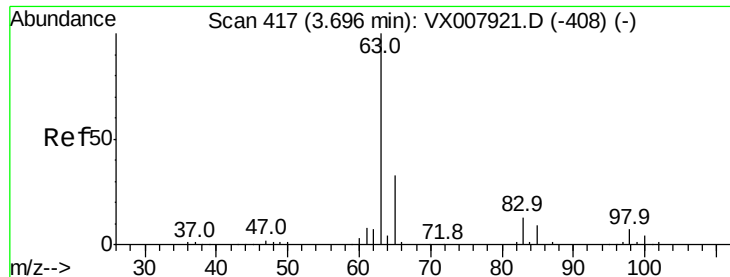
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





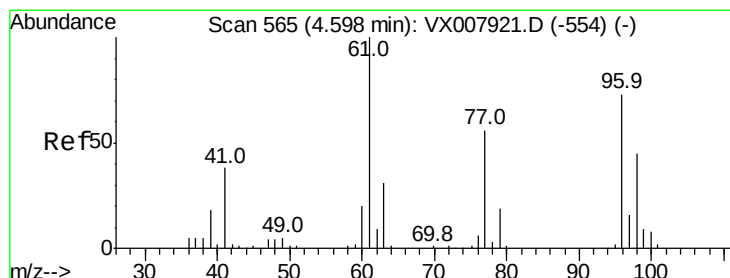
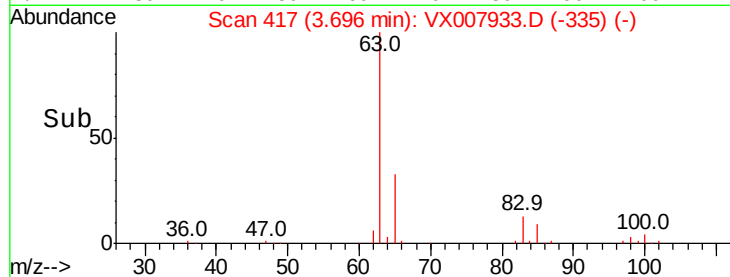
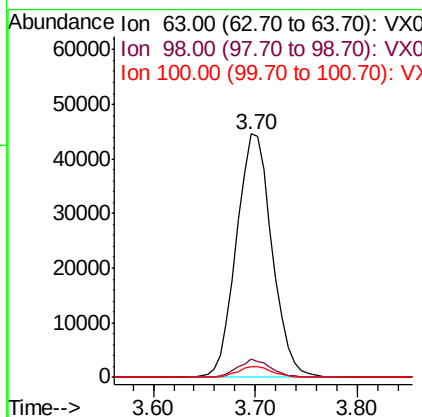
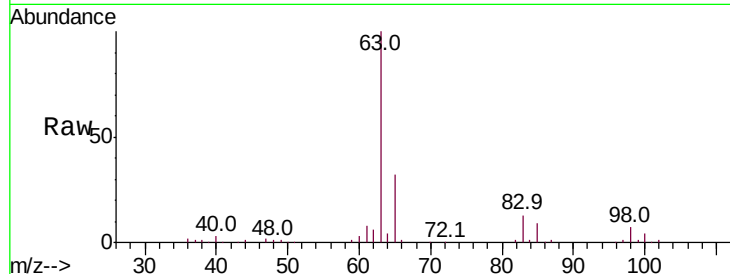
#21
 1,1-Dichloroethane
 Concen: 20.240 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	63	Resp:	107984
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.8	11.4
100	4.3	2.4	7.1

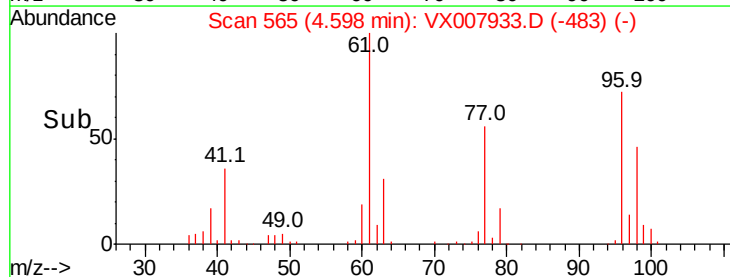
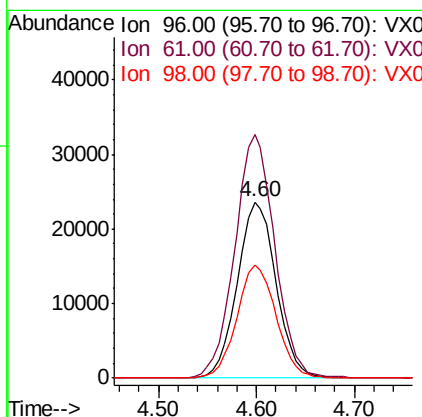
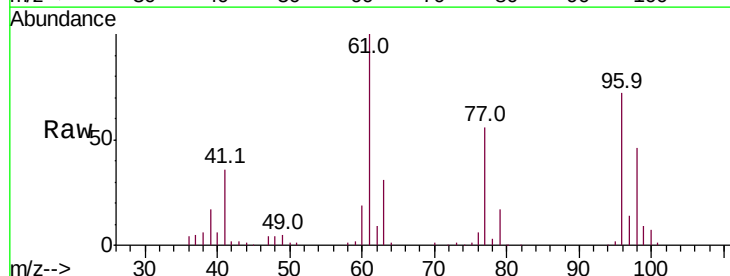
Manual Integrations
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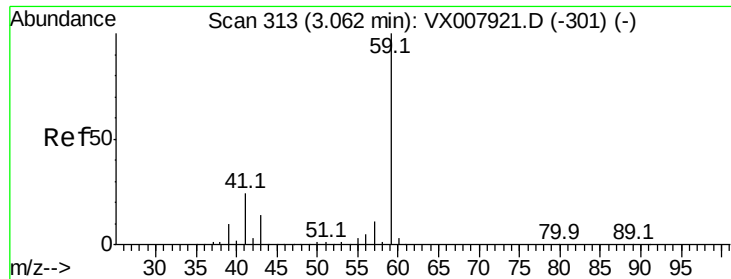
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 3/11/2019 12:02:07 PM



#22
 cis-1,2-Dichloroethene
 Concen: 20.355 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion:	96	Resp:	64978
Ion Ratio	Lower	Upper	
96	100		
61	142.6	103.5	155.3
98	64.7	52.1	78.1





#23

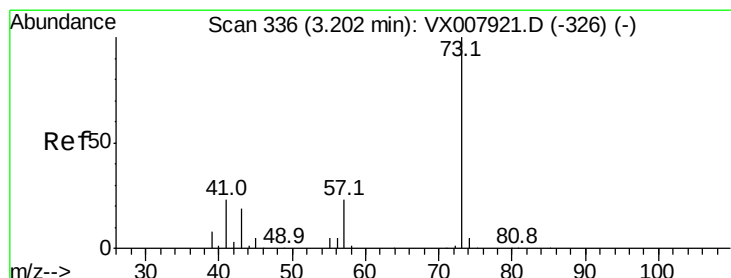
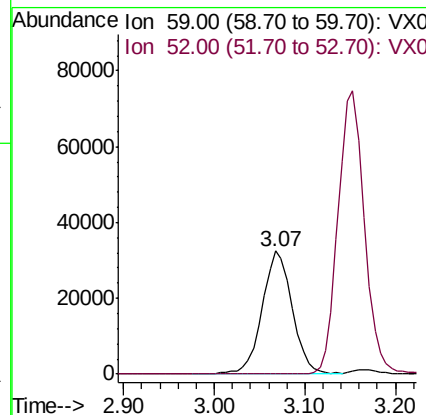
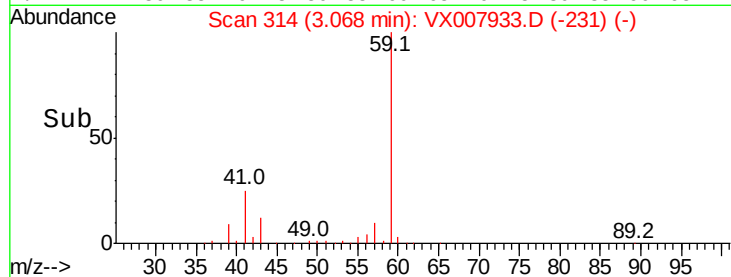
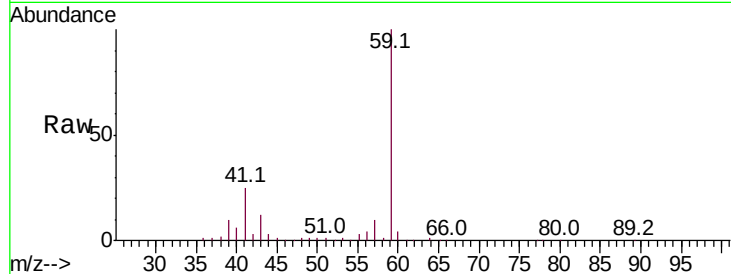
tert-Butyl Alcohol
Concen: 105.976 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 59 Resp: 75072
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#

Manual Integrations
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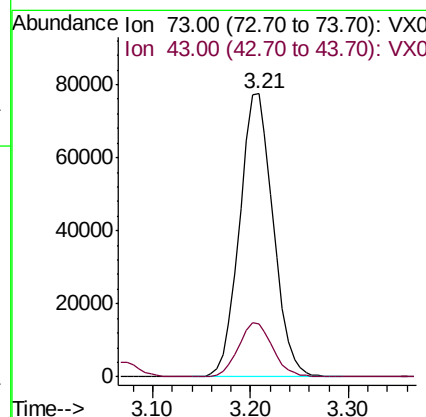
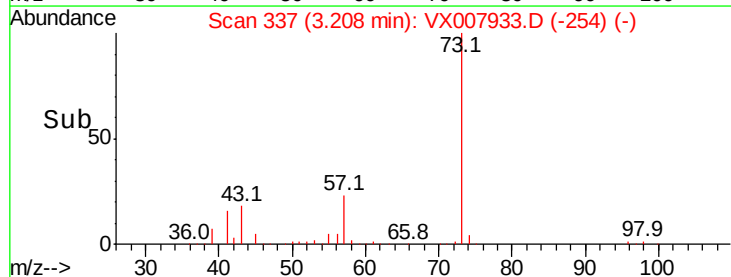
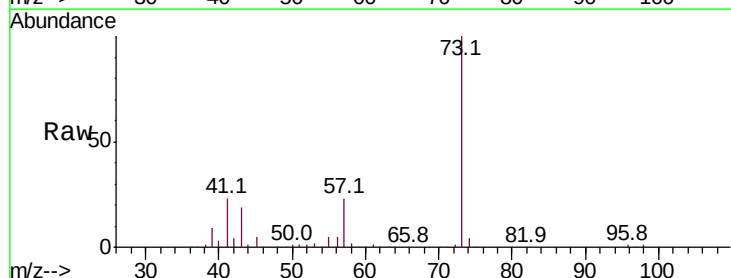
MMDadoda
3/11/2019 12:02:07 PM

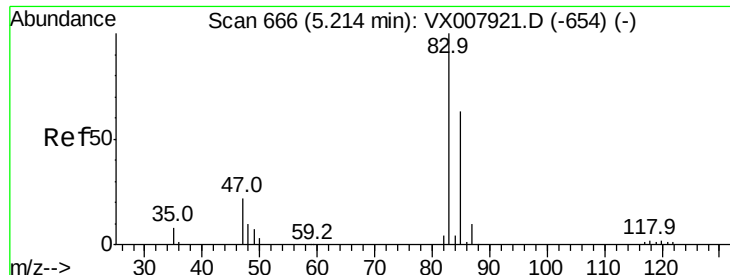


#24

Methyl tert-Butyl Ether
Concen: 20.544 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 73 Resp: 184742
Ion Ratio Lower Upper
73 100
43 19.3 17.1 25.7





#25

Chloroform

Concen: 20.460 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 103029

Ion Ratio Lower Upper

83 100

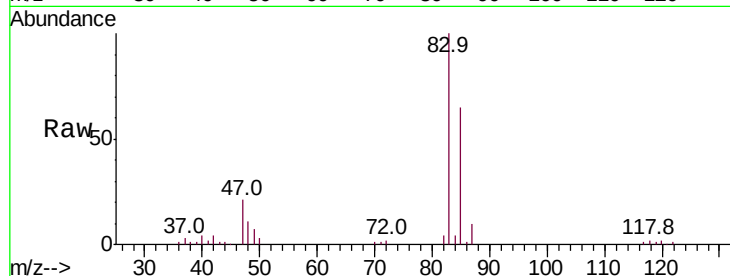
85 64.8 53.8 80.6

Manual Integrations

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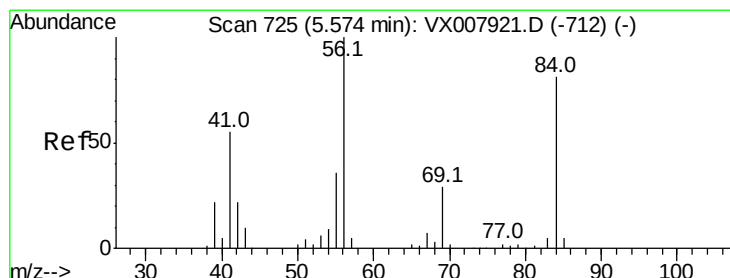
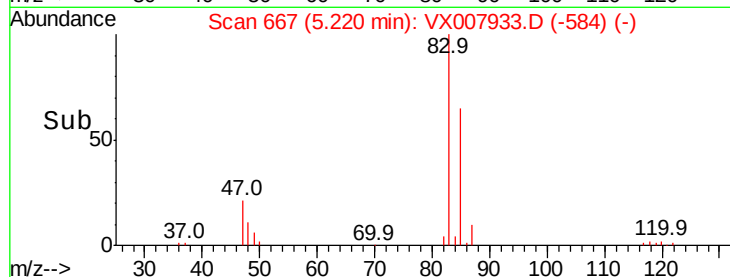
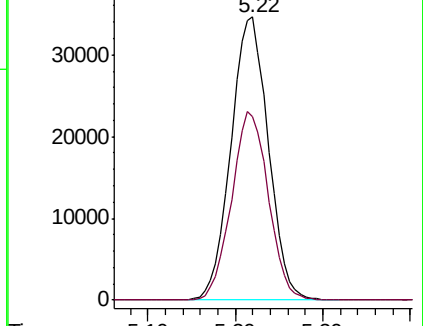
MMDadoda

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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: 20.274 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

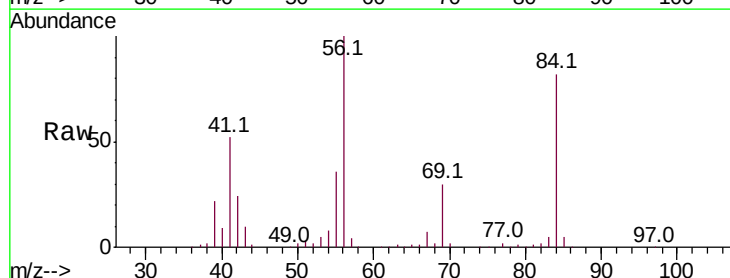
Tgt Ion: 56 Resp: 99948

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

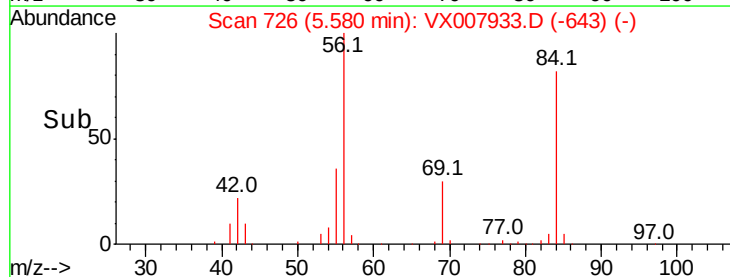
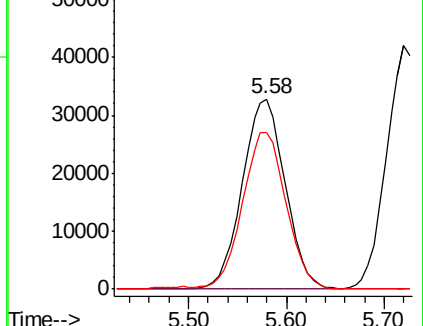
84 83.6 73.9 110.9

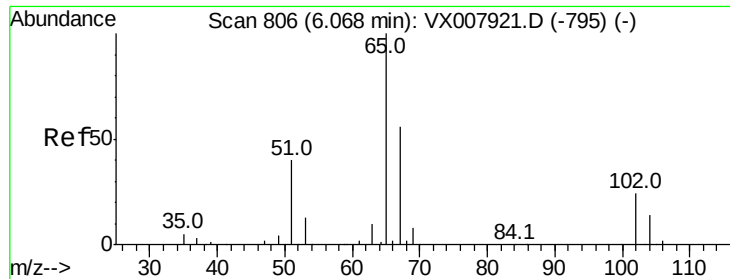


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





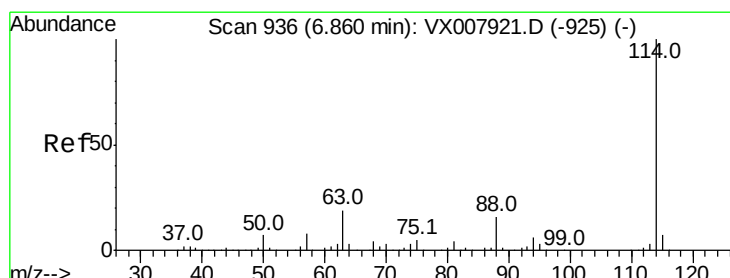
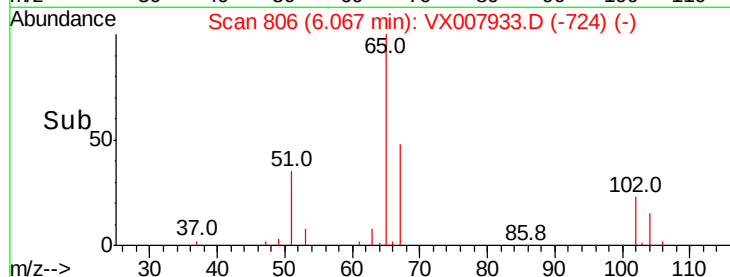
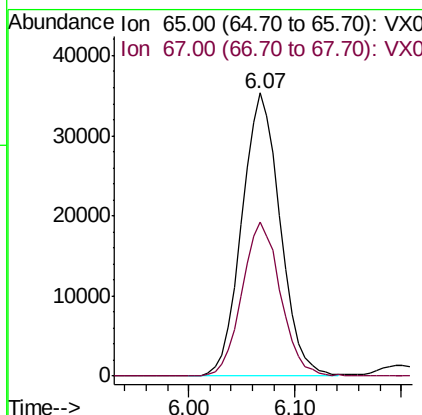
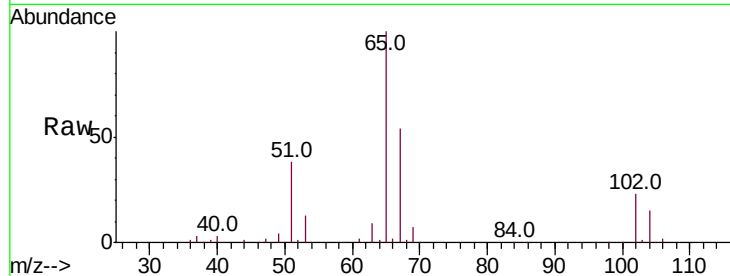
#27
 1,2-Dichloroethane-d4
 Concen: 30.140 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 65 Resp: 89293
 Ion Ratio Lower Upper
 65 100
 67 54.7 42.9 64.3

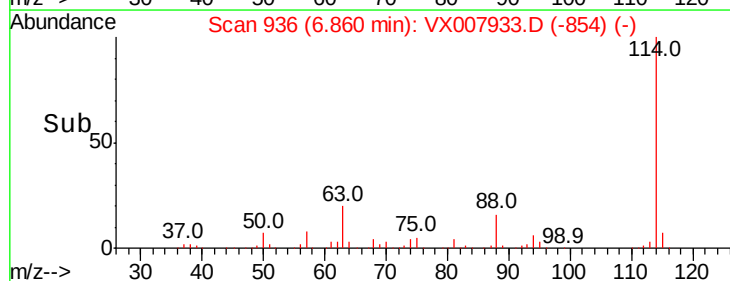
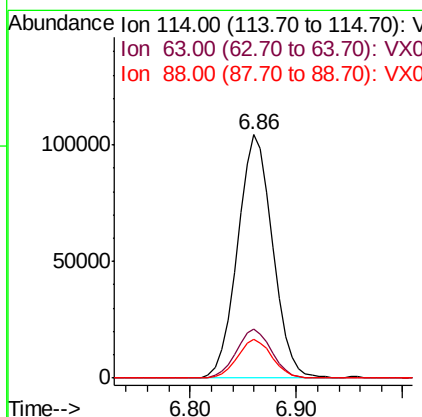
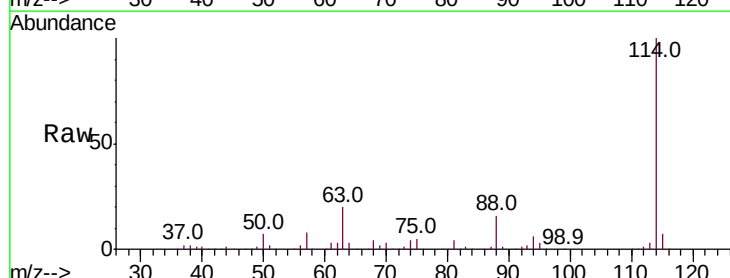
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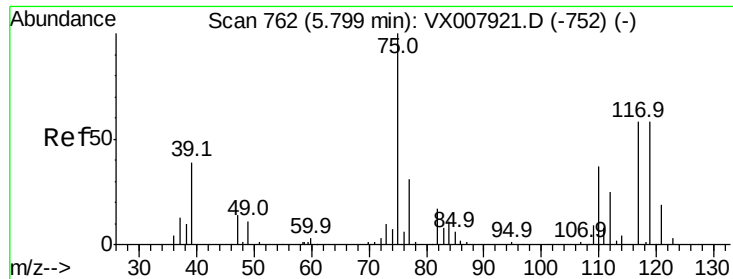
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 114 Resp: 241727
 Ion Ratio Lower Upper
 114 100
 63 20.2 14.2 21.4
 88 15.8 11.9 17.9





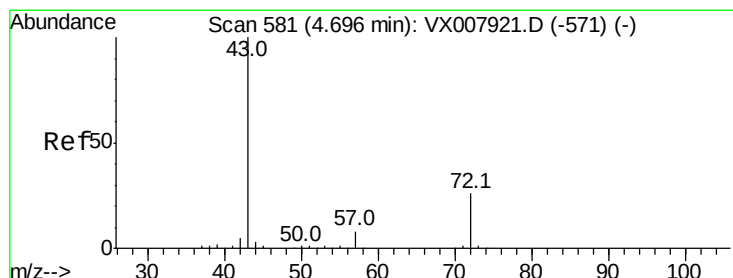
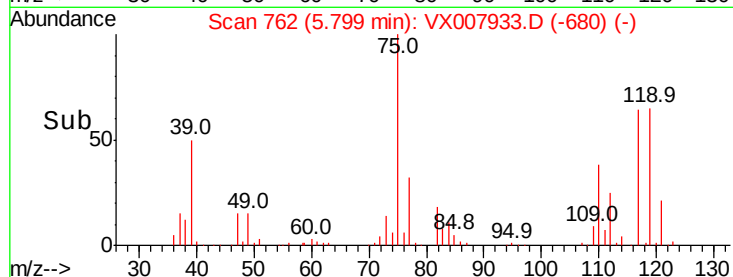
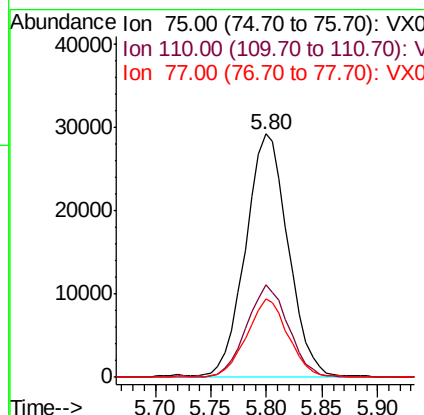
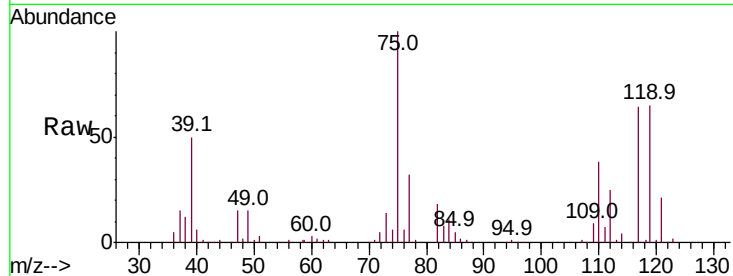
#29
 1,1-Dichloropropene
 Concen: 20.408 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.3	0.0	80.8
77	31.3	0.0	62.4

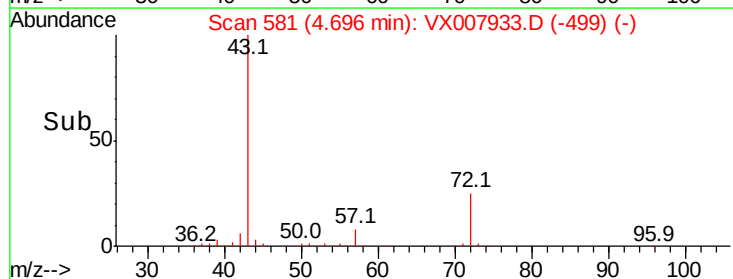
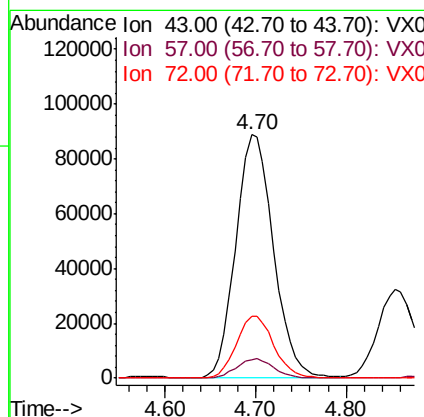
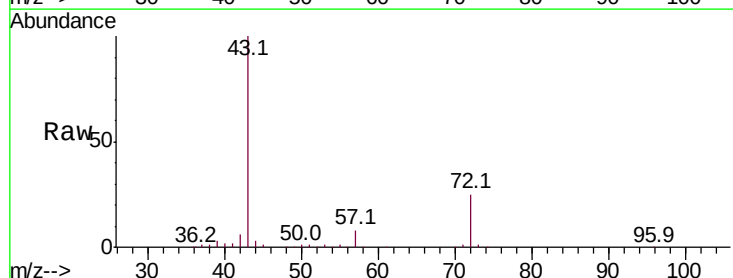
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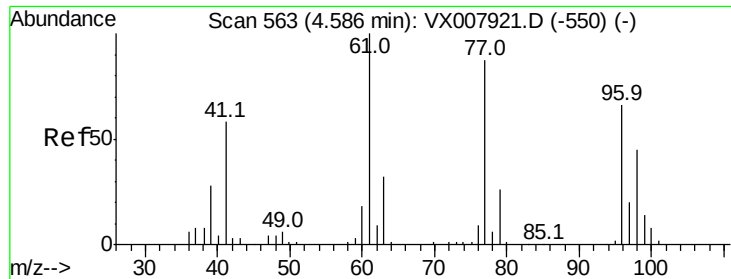
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#30
 2-Butanone
 Concen: 98.780 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	7.0	10.6
72	25.5	21.5	32.3





#31

2,2-Dichloropropane

Concen: 18.858 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 66759

Ion Ratio Lower Upper

77 100

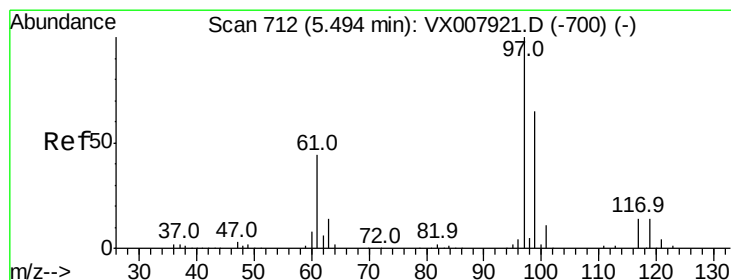
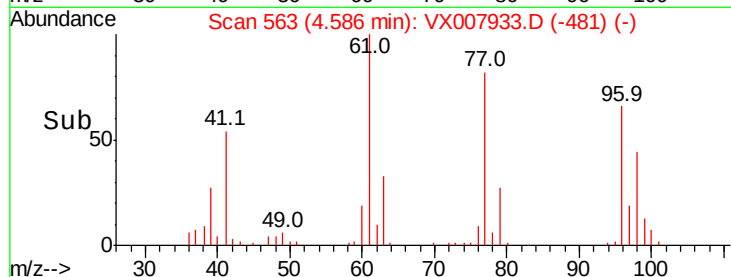
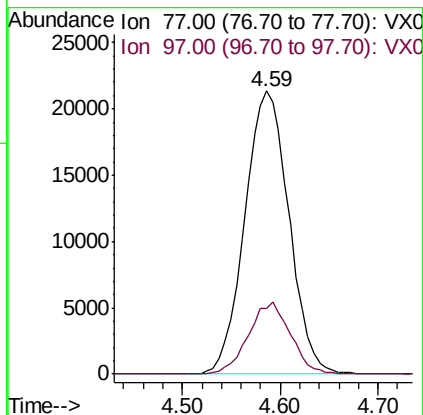
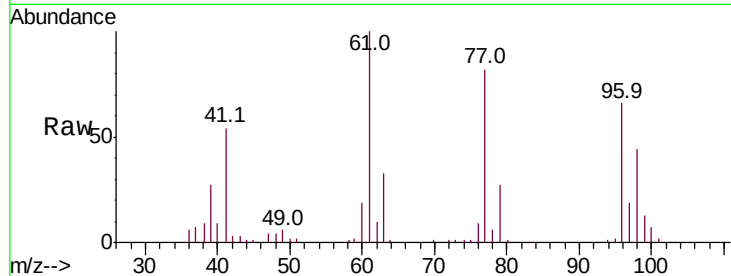
97 24.4 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 20.522 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

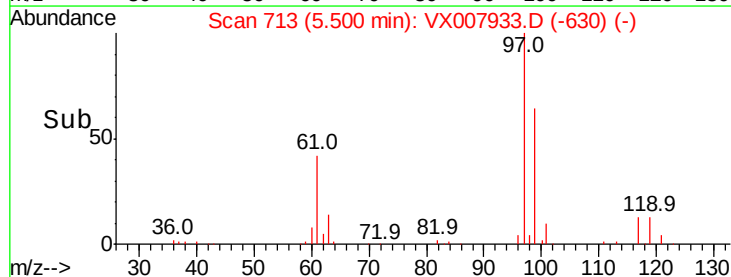
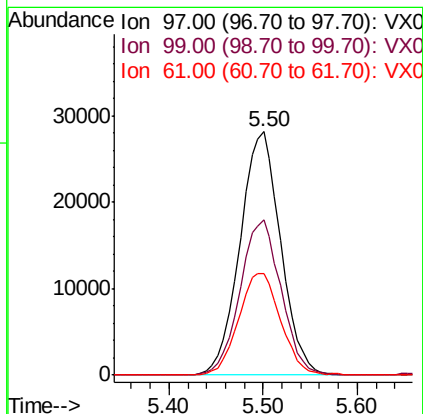
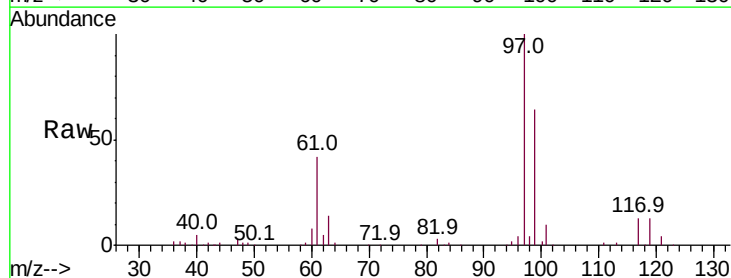
Tgt Ion: 97 Resp: 85055

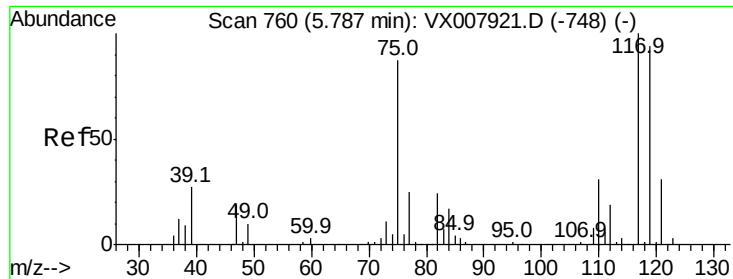
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 43.1 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.138 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

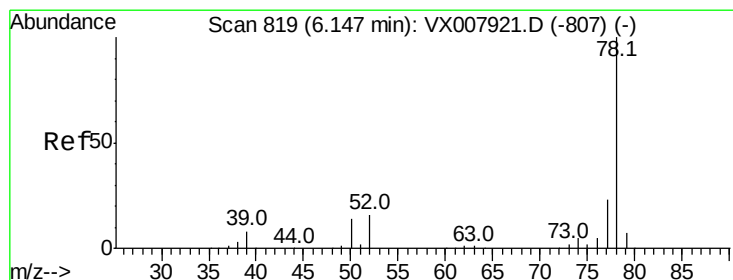
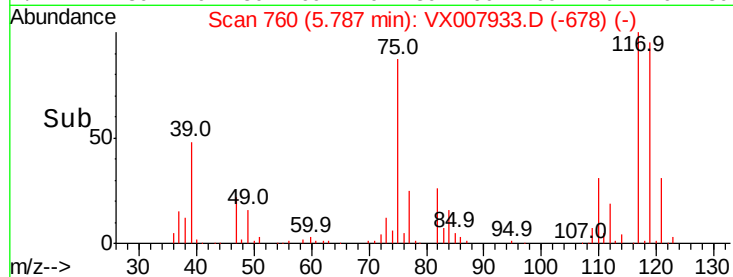
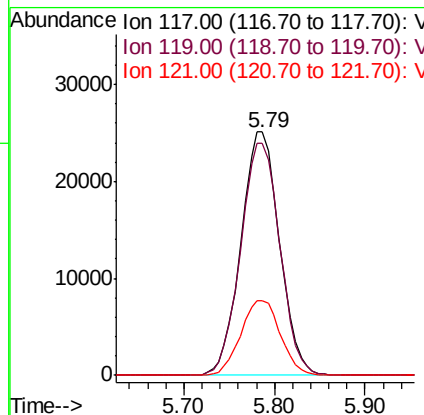
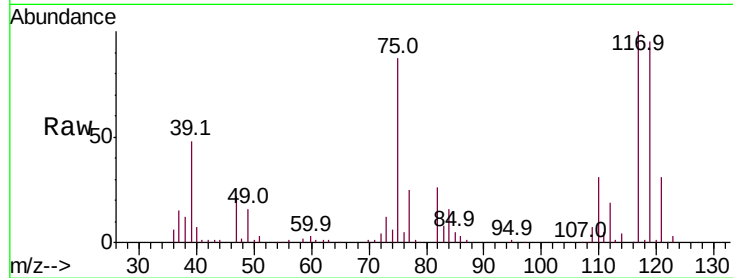
ClientSampleId :

VSTDCCC020EC

Tot Ion:117 Resp: 74031
 Ion Ratio Lower Upper
 117 100
 119 95.4 78.1 117.1
 121 30.7 27.0 40.6

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#34

Benzene

Concen: 20.797 ug/l

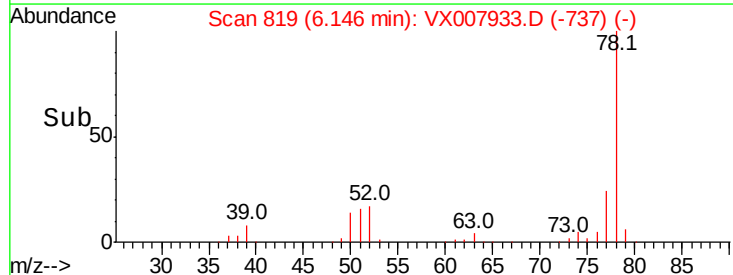
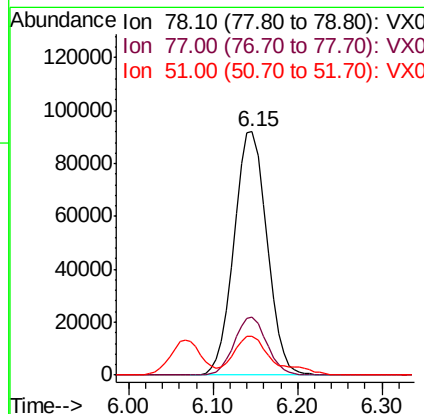
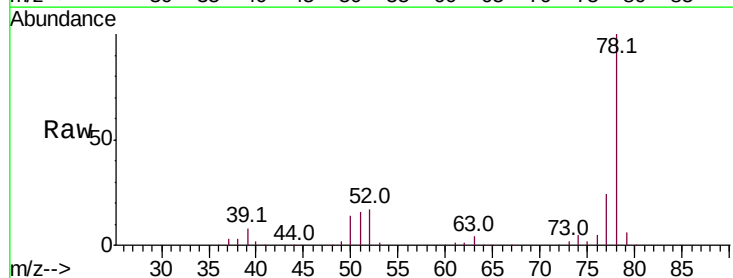
RT: 6.15 min Scan# 819

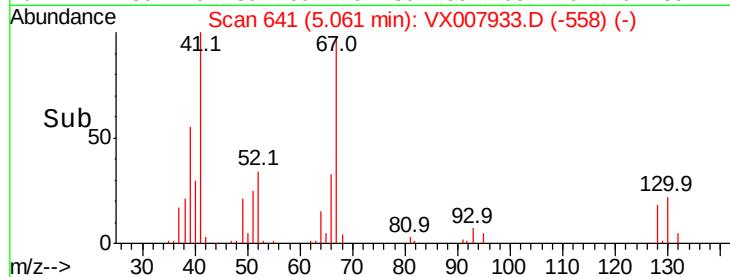
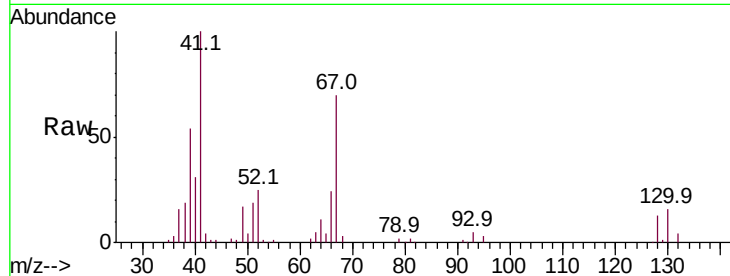
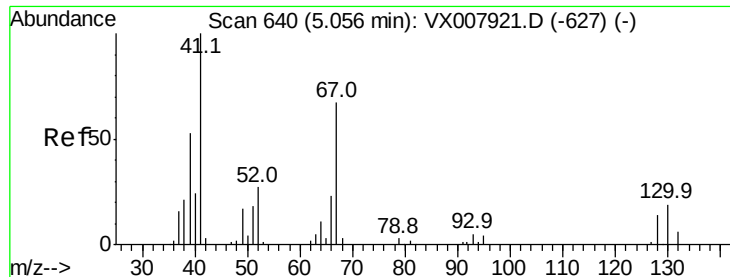
Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion: 78 Resp: 244278
 Ion Ratio Lower Upper
 78 100
 77 23.8 19.1 28.7
 51 16.0 10.8 16.2





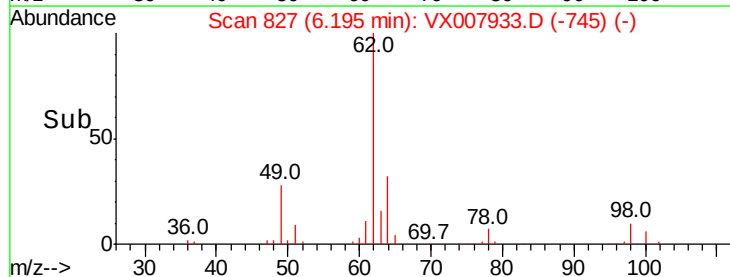
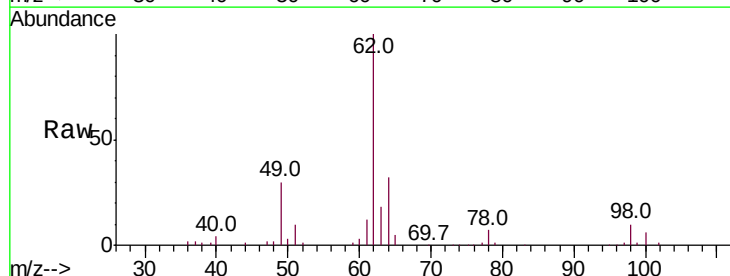
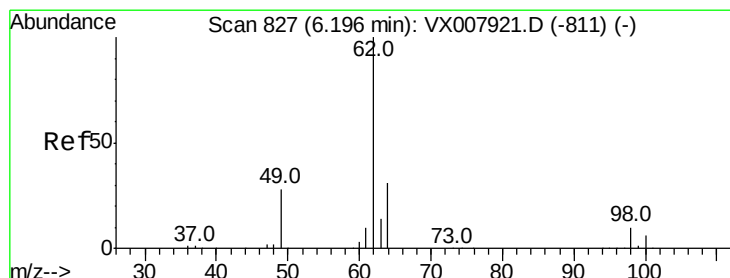
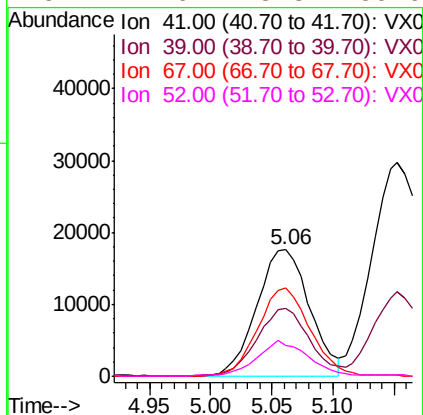
#35
Methacrylonitrile
Concen: 21.093 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tot Ion: 41 Resp: 53133
Ion Ratio Lower Upper
41 100
39 54.2 27.4 82.0
67 70.1 37.9 113.6
52 24.6 13.3 39.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

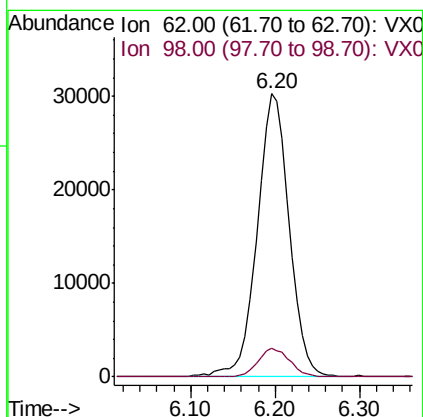
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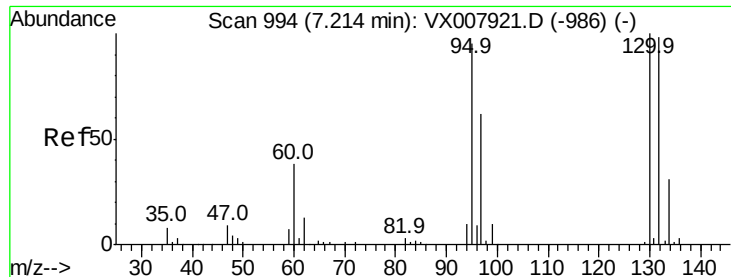
MMDadoda
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#36
1,2-Dichloroethane
Concen: 20.718 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 62 Resp: 79171
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.8





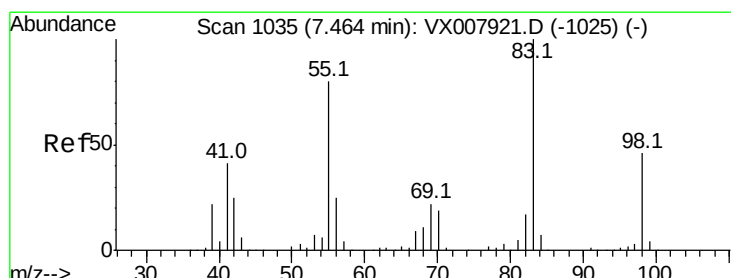
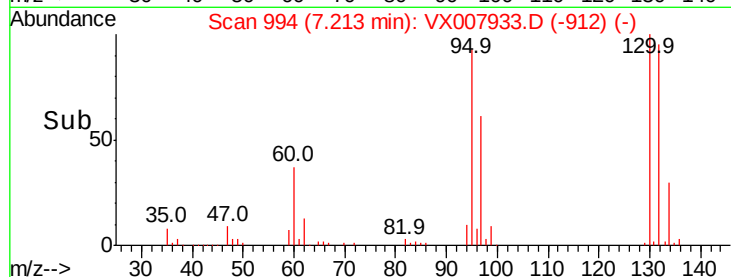
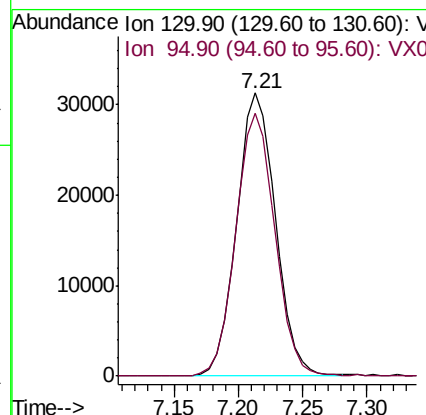
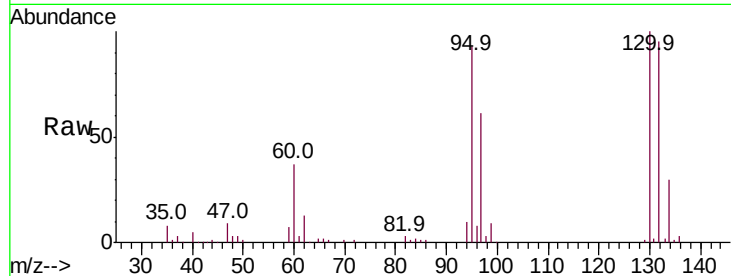
#37
 Trichloroethene
 Concen: 20.559 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 65425
 Ion Ratio Lower Upper
 130 100
 95 92.6 71.3 106.9

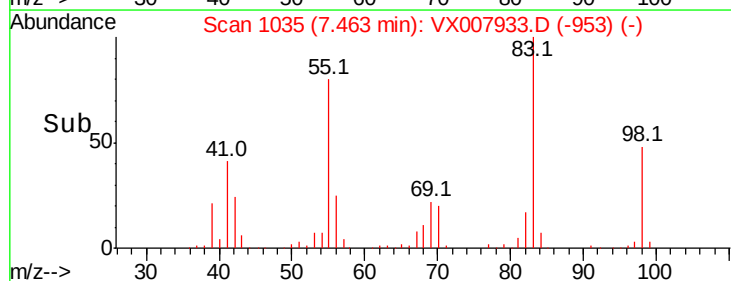
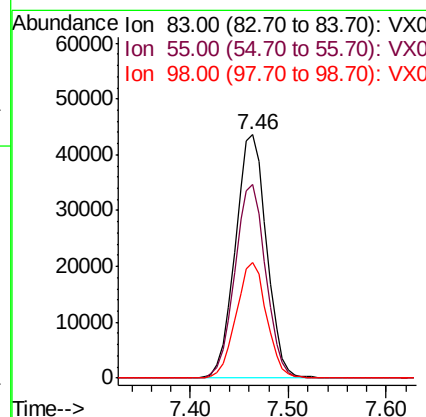
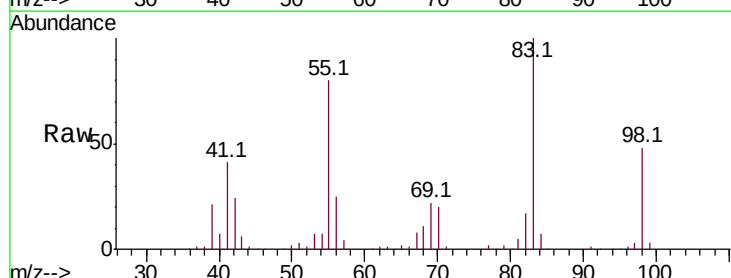
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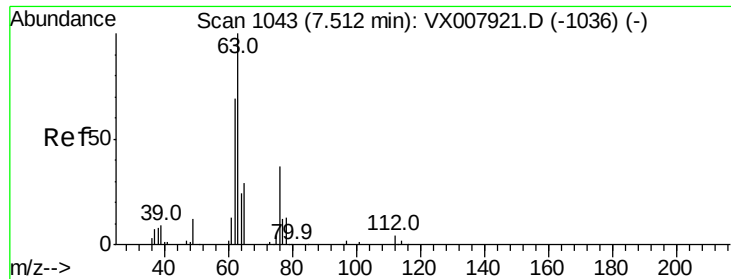
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#38
 Methylcyclohexane
 Concen: 19.822 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 83 Resp: 96594
 Ion Ratio Lower Upper
 83 100
 55 78.5 36.0 108.0
 98 46.2 23.8 71.4





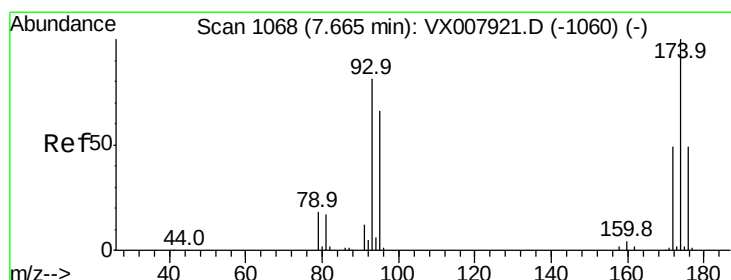
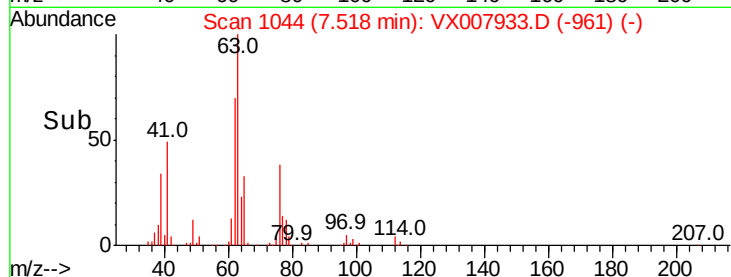
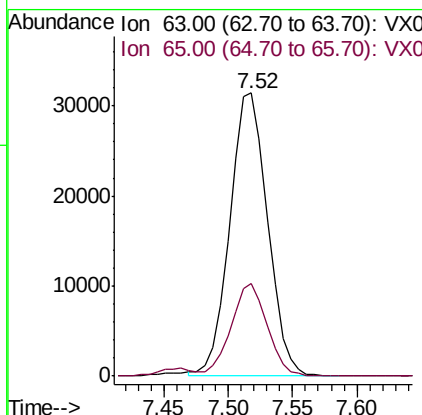
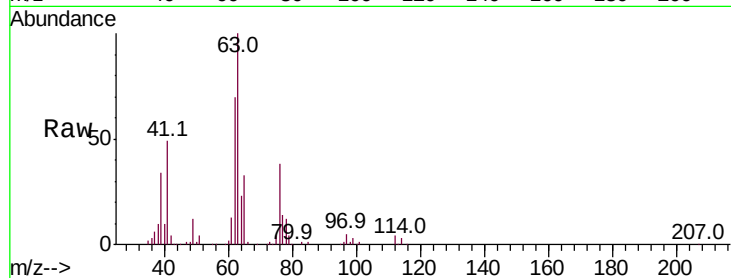
#39
 1,2-Dichloropropane
 Concen: 20.935 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 64129
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.6 37.0

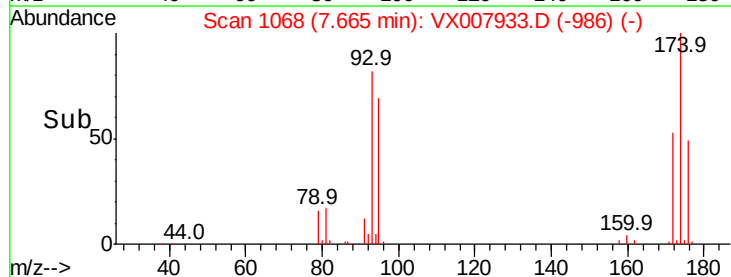
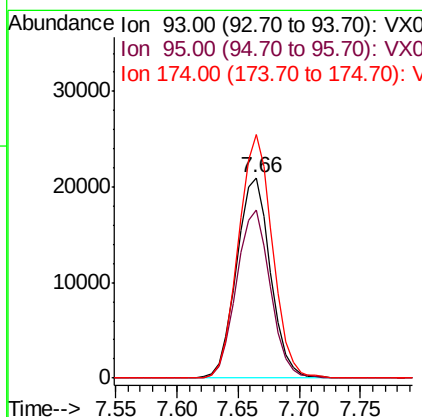
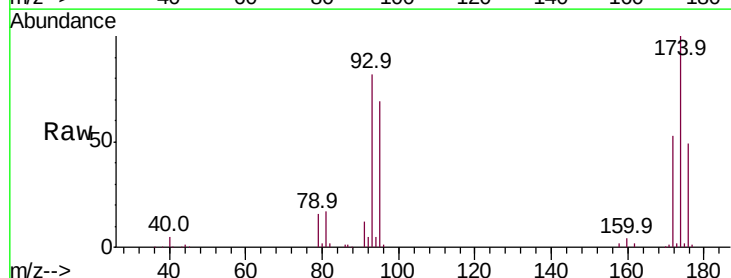
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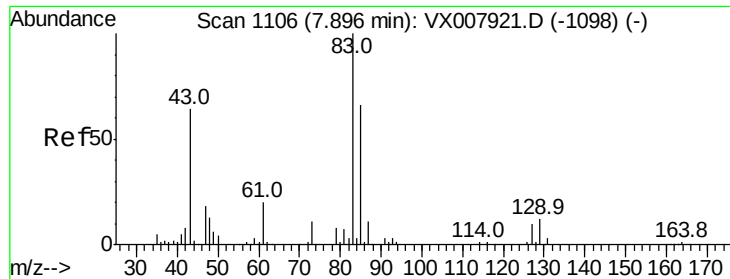
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#40
 Dibromomethane
 Concen: 20.819 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion: 93 Resp: 40451
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 158.8
 174 121.2 0.0 224.2





#41

Bromodichloromethane

Concen: 20.248 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

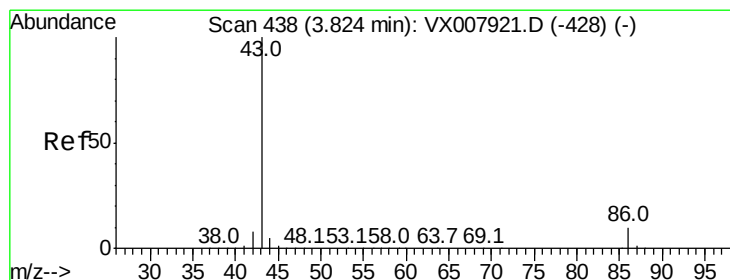
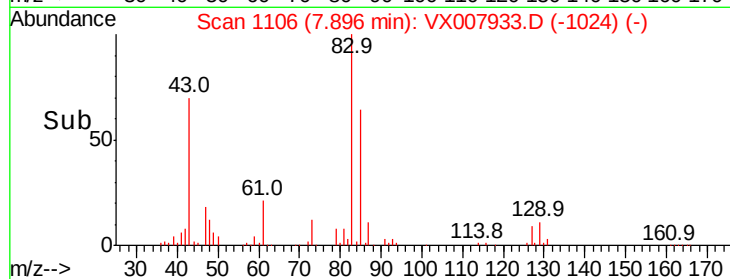
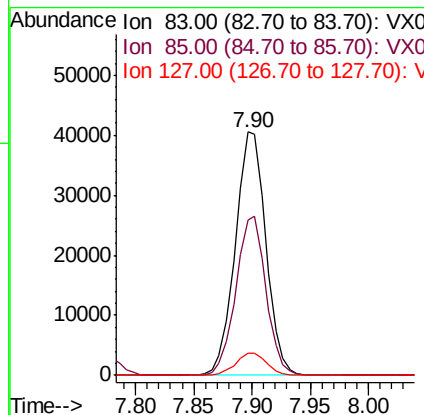
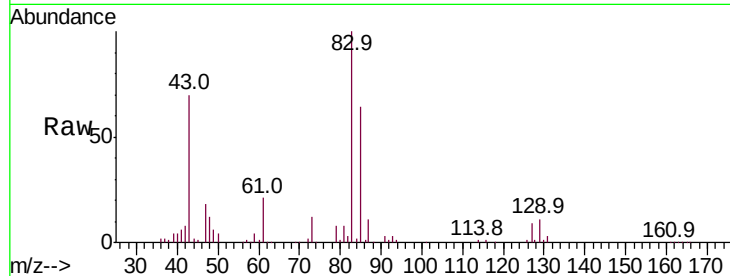
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	74364
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.1	76.7
127	8.8	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 106.256 ug/l

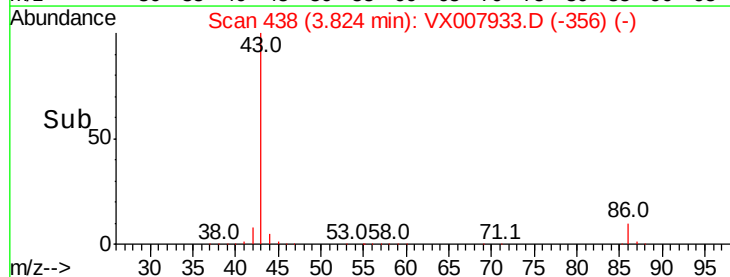
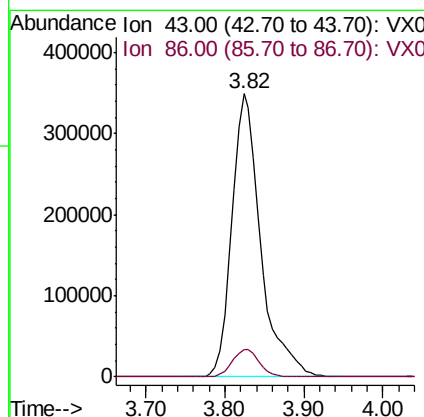
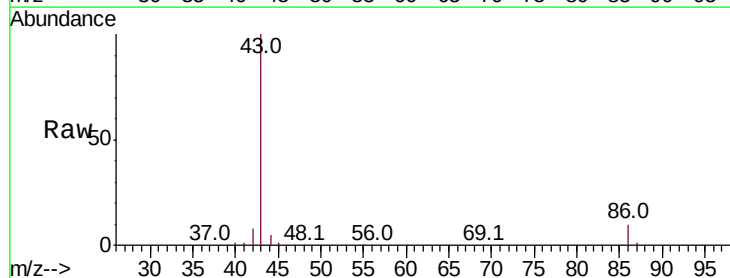
RT: 3.82 min Scan# 438

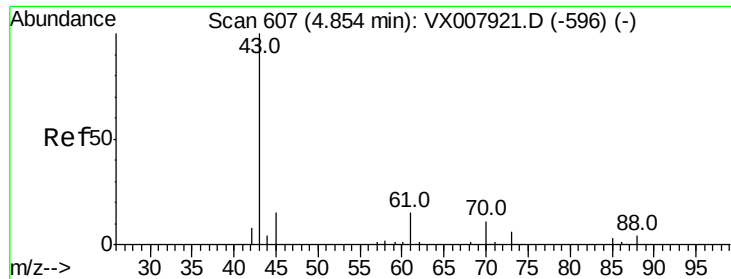
Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion:	43	Resp:	889141
Ion Ratio	Lower	Upper	
43	100		
86	9.0	8.2	12.2





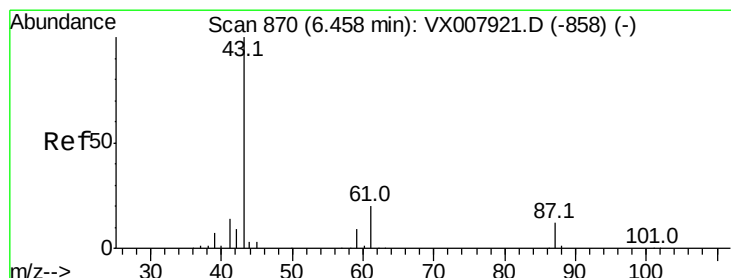
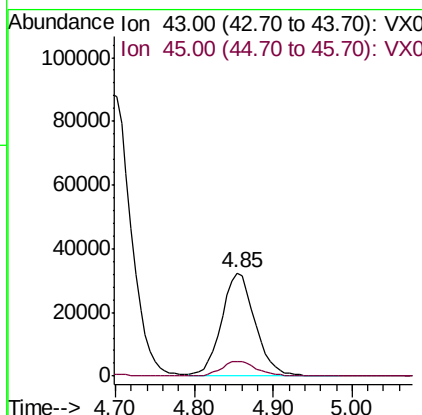
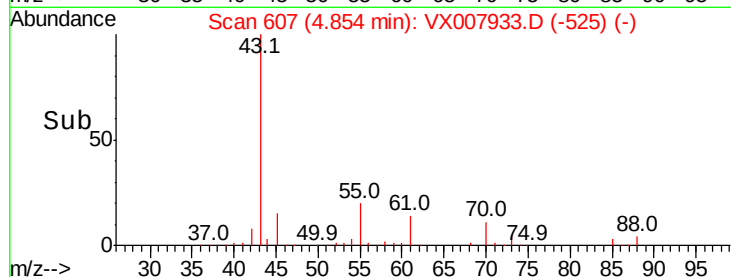
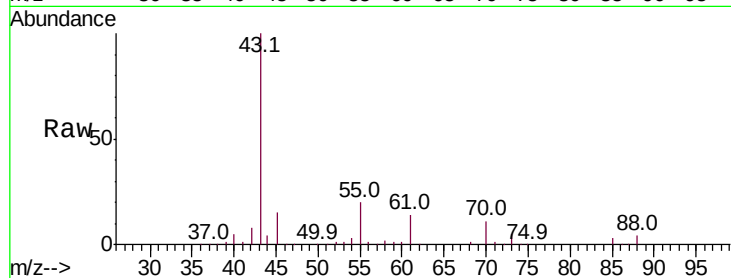
#43
Ethyl Acetate
Concen: 21.171 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020EC

Tot Ion: 43 Resp: 95330
Ion Ratio Lower Upper
43 100
45 15.6 6.9 10.3#

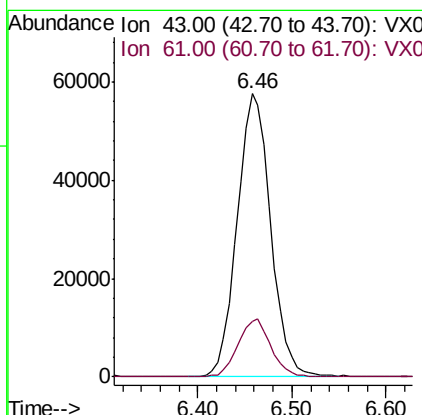
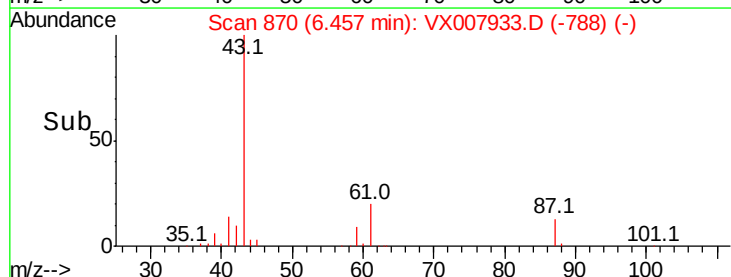
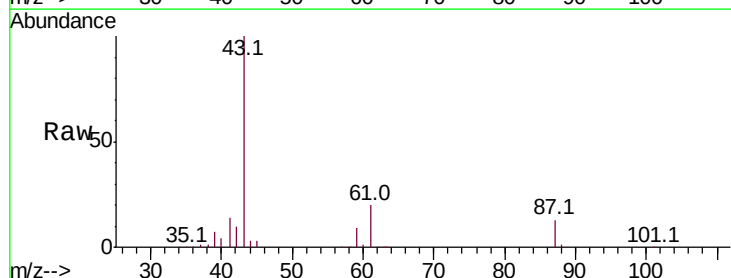
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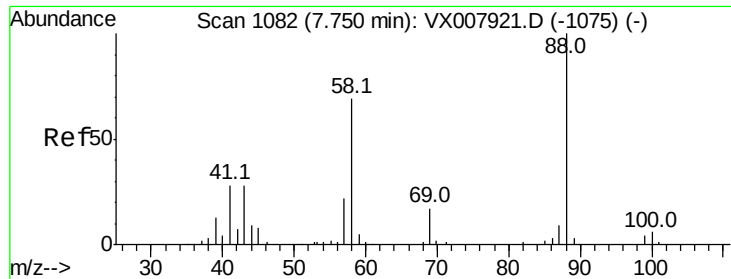
MMDadoda
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#44
Isopropyl Acetate
Concen: 20.859 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 43 Resp: 143308
Ion Ratio Lower Upper
43 100
61 20.1 16.1 24.1





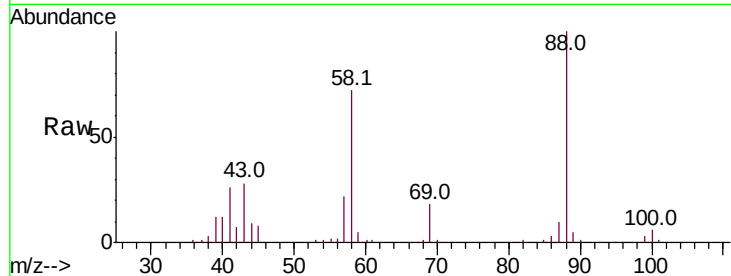
#45
 1,4-Dioxane
 Concen: 427.794 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	23.6	35.4
58	73.1	51.6	77.4

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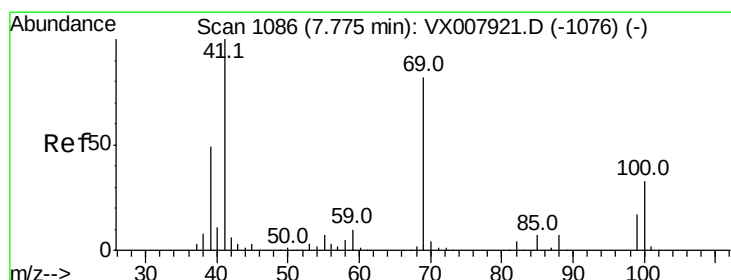
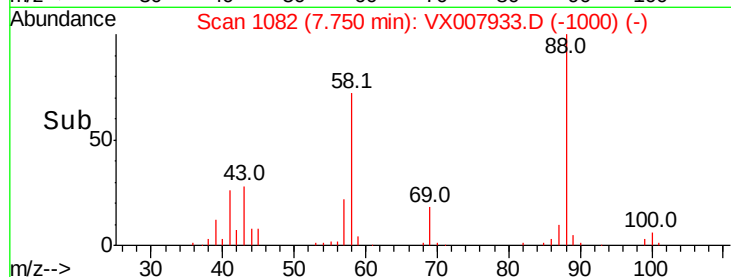
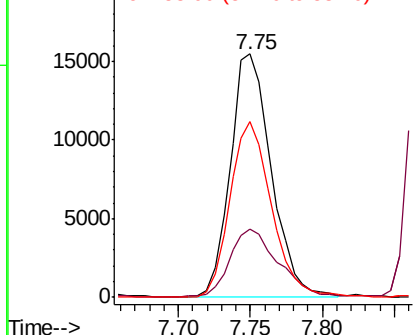


Abundance

Ion 88.00 (87.70 to 88.70): VX0

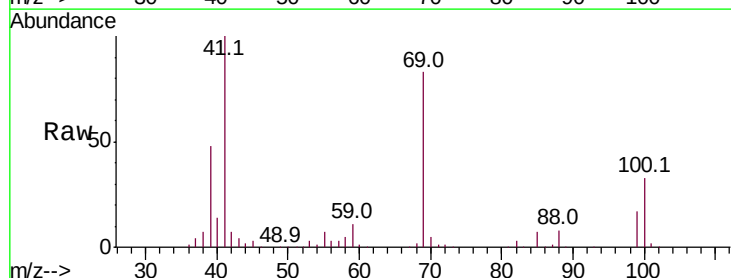
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46
 Methyl methacrylate
 Concen: 20.687 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	44.2	132.6
39	48.4	29.9	89.8

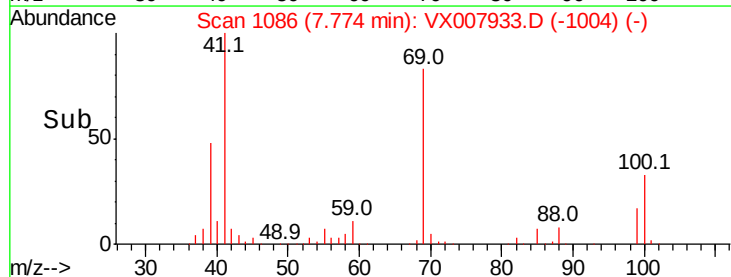
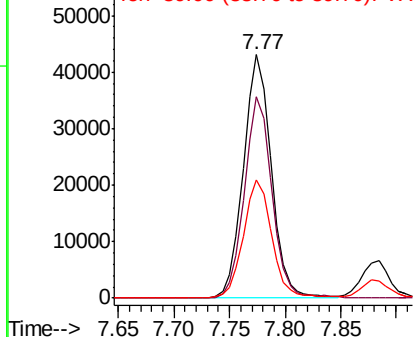


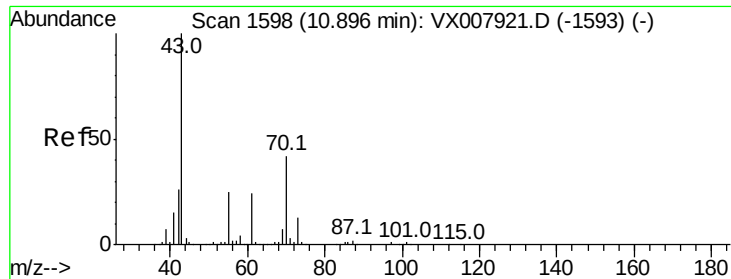
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 20.211 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 119647

Ion Ratio Lower Upper

43 100

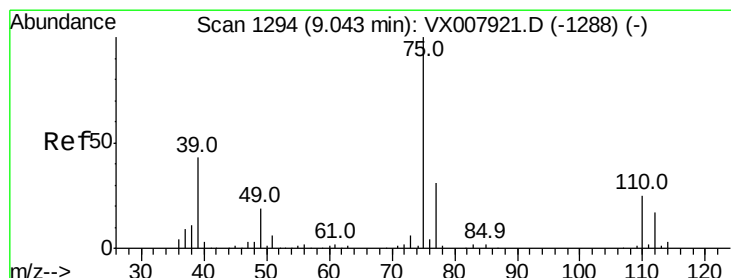
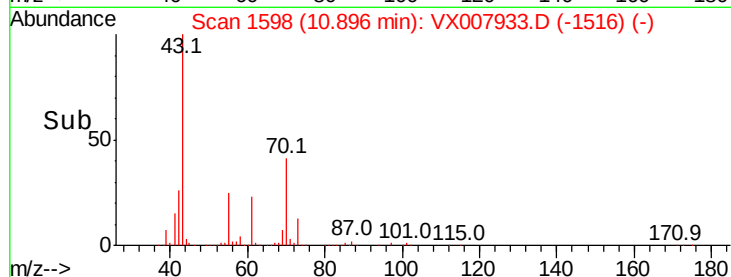
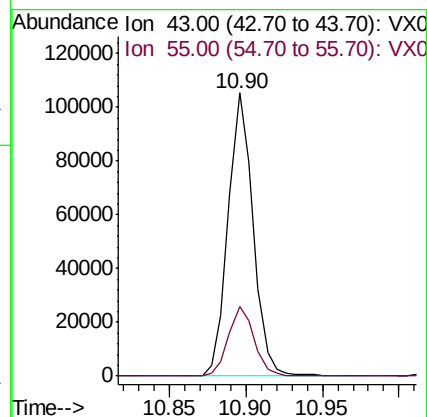
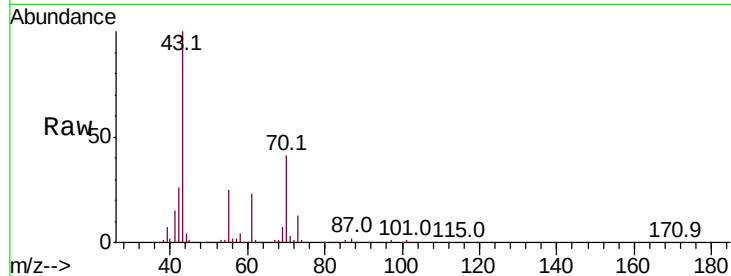
55 25.4 20.8 31.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.458 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007933.D

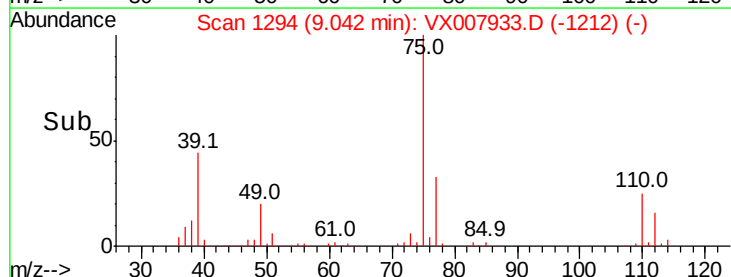
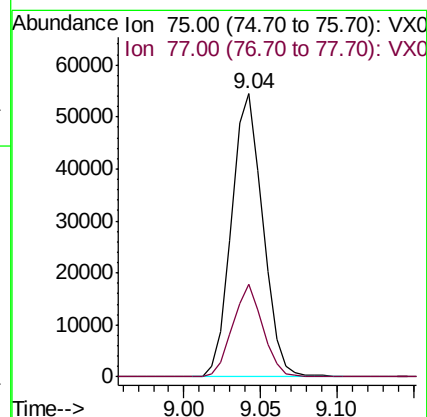
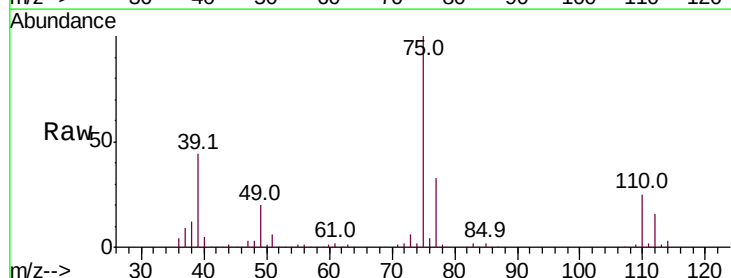
Acq: 08 Mar 2019 16:02

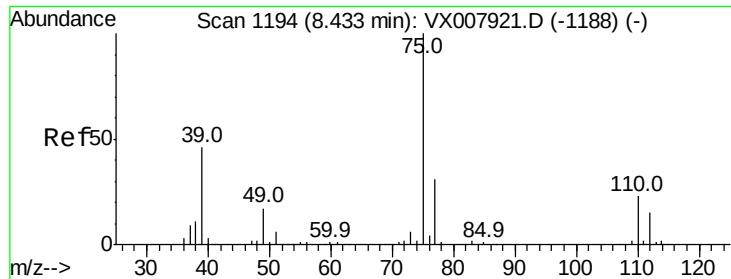
Tgt Ion: 75 Resp: 77397

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7





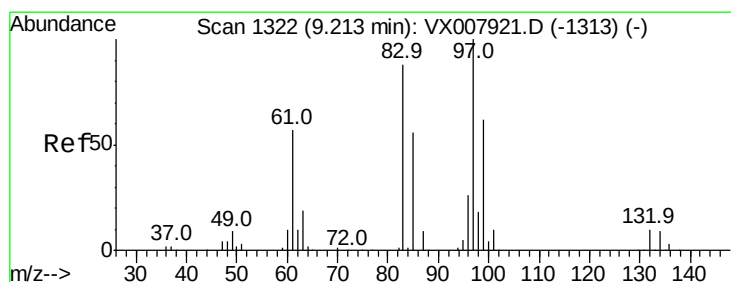
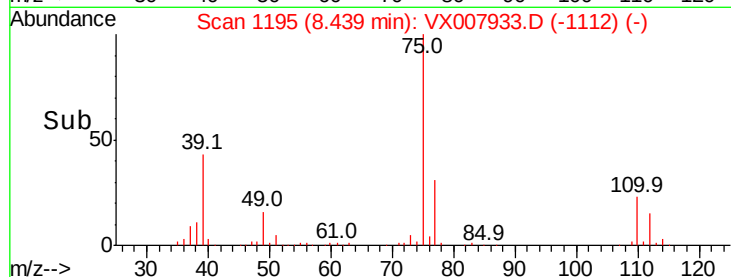
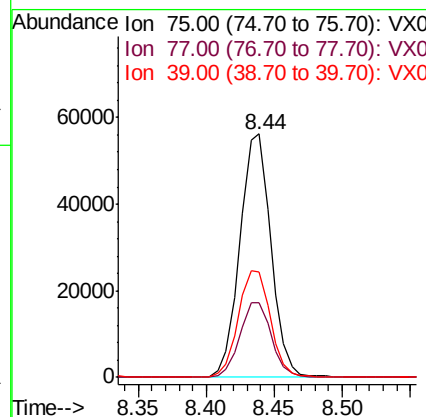
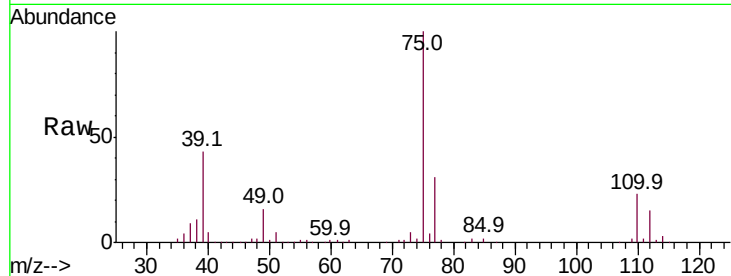
#49
 cis-1,3-Dichloropropene
 Concen: 19.959 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	43.2	38.5	57.7

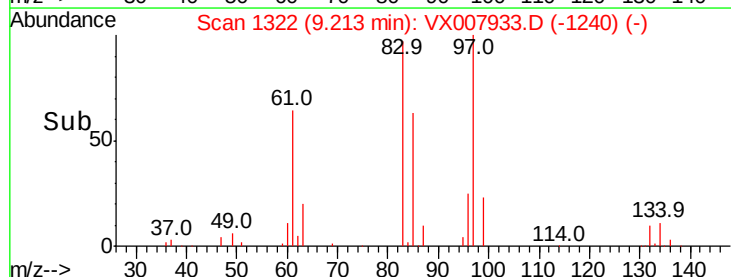
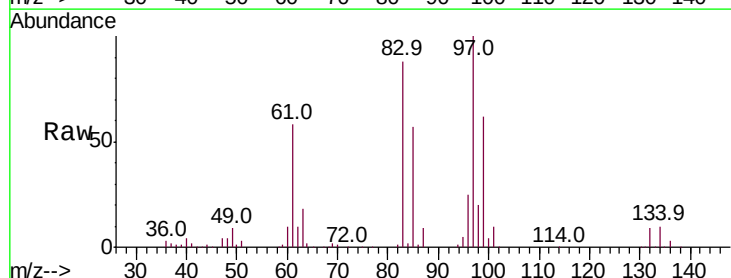
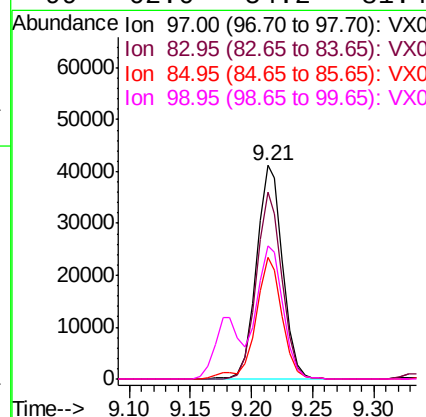
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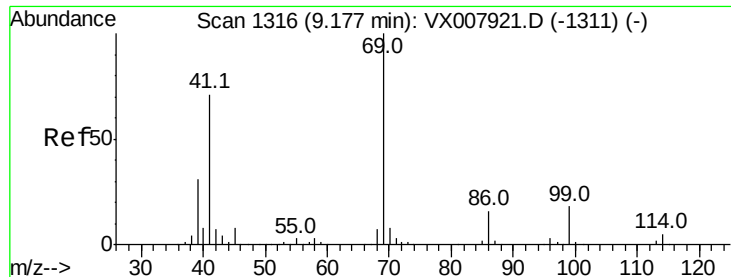
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#50
 1,1,2-Trichloroethane
 Concen: 20.738 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	56.9	45.0	67.6
99	62.0	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.596 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

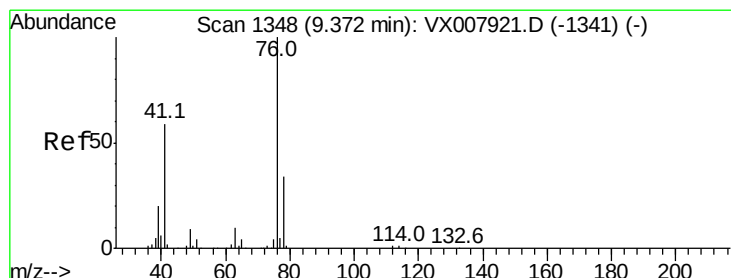
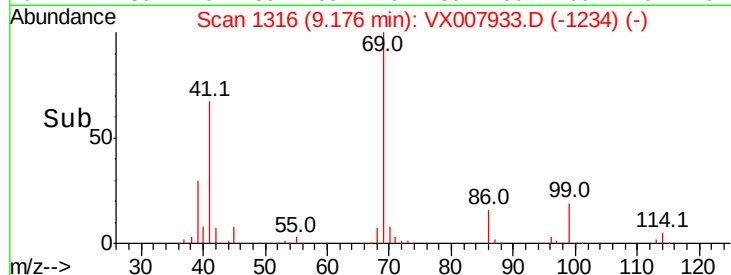
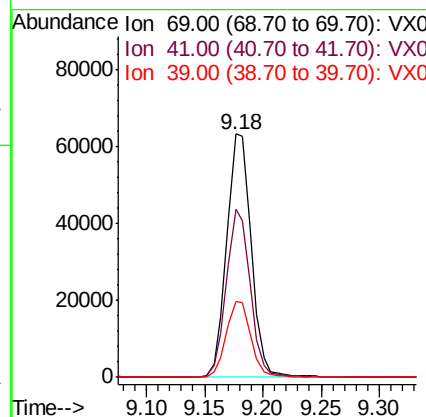
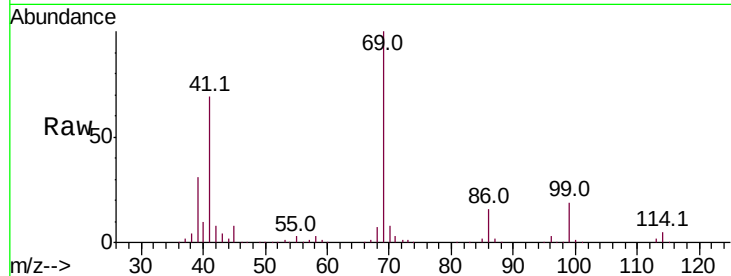
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	92510
Ion Ratio	Lower	Upper	
69	100		
41	69.1	32.1	96.5
39	31.0	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.862 ug/l

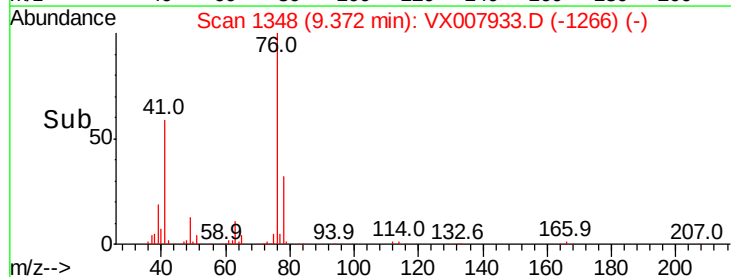
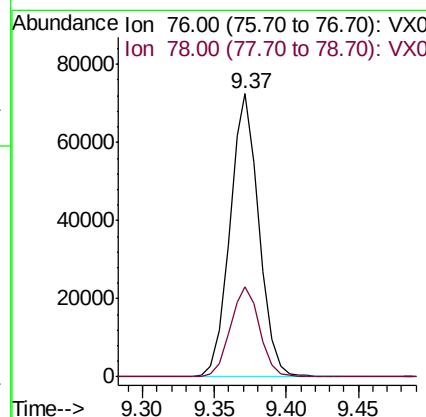
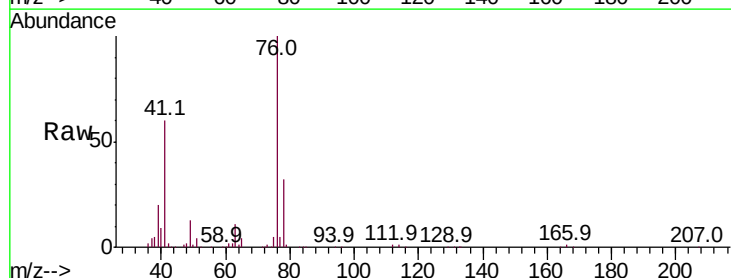
RT: 9.37 min Scan# 1348

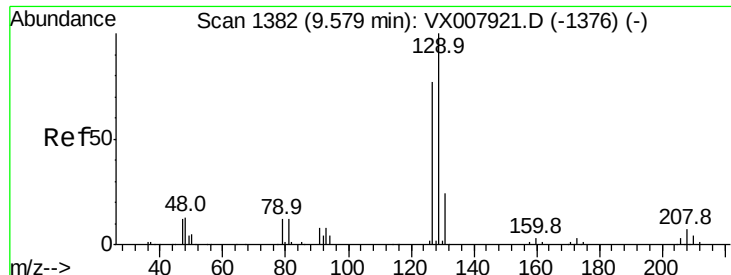
Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion:	76	Resp:	102091
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	65.2





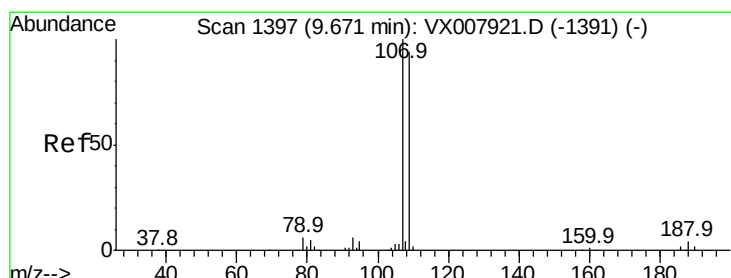
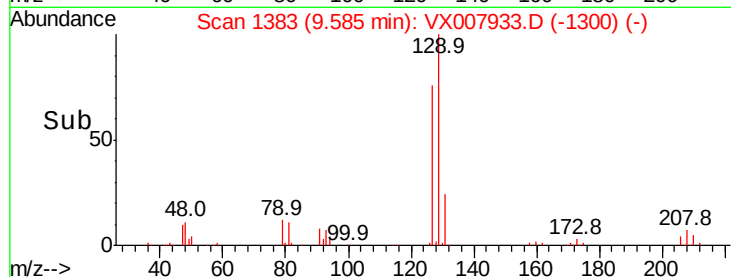
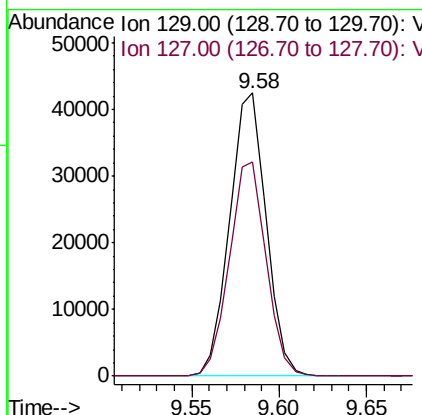
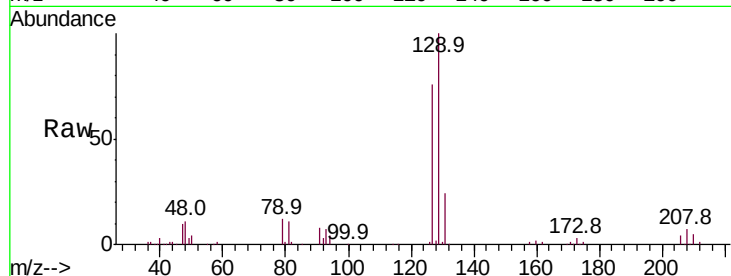
#53
Dibromochloromethane
Concen: 20.243 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 61669
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2

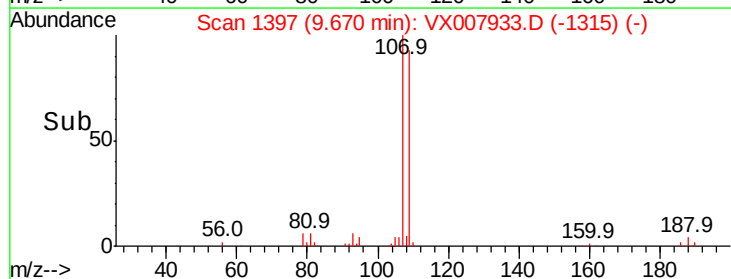
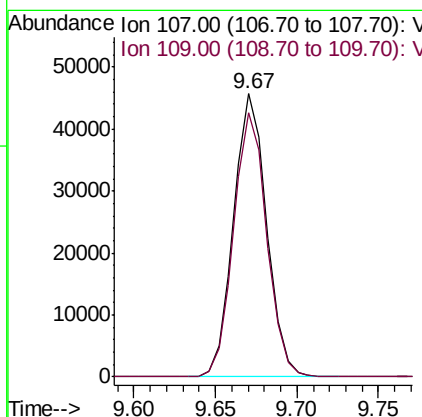
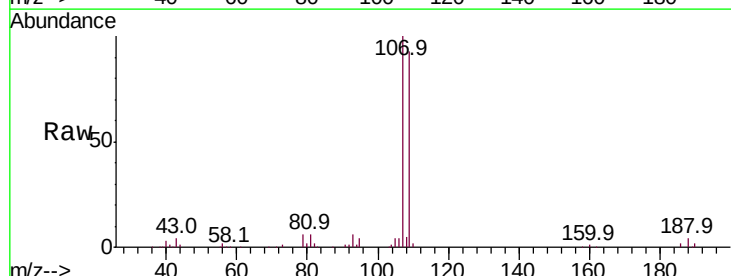
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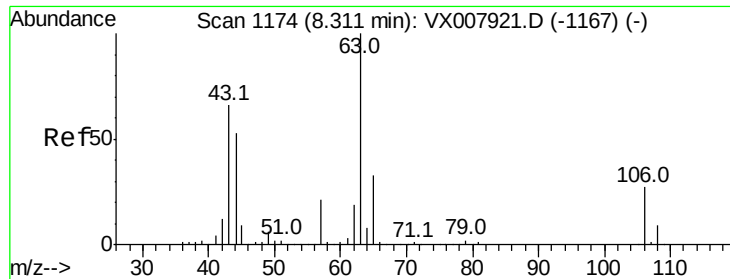
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#54
1,2-Dibromoethane
Concen: 20.780 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion:107 Resp: 64342
Ion Ratio Lower Upper
107 100
109 93.9 76.6 115.0





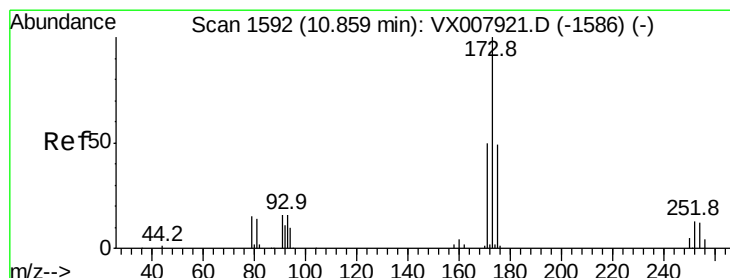
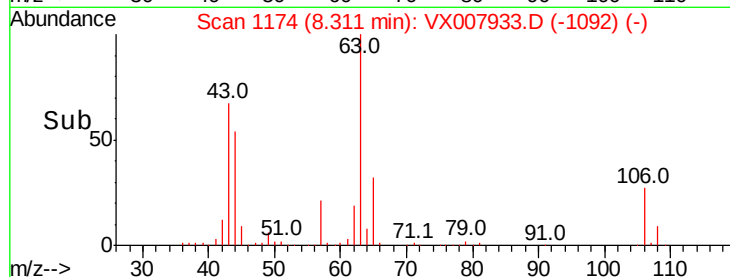
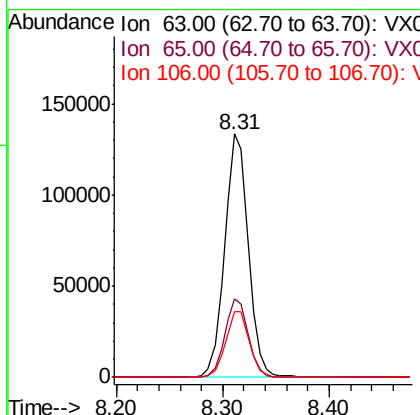
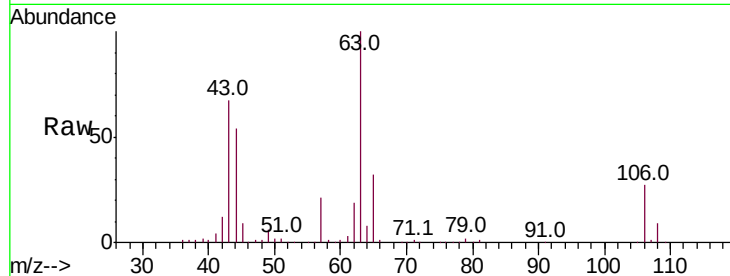
#55
2-Chloroethyl vinyl ether
Concen: 99.092 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	27.4	23.7	35.5

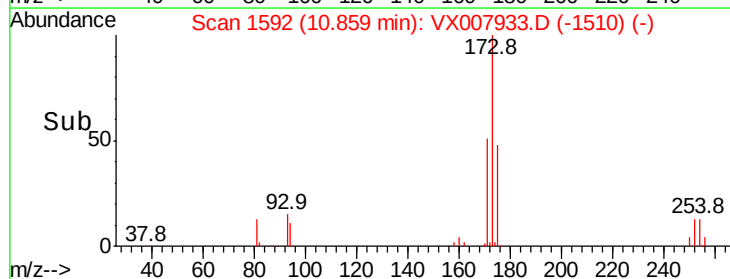
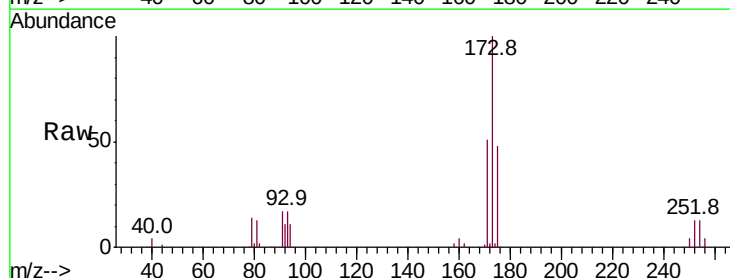
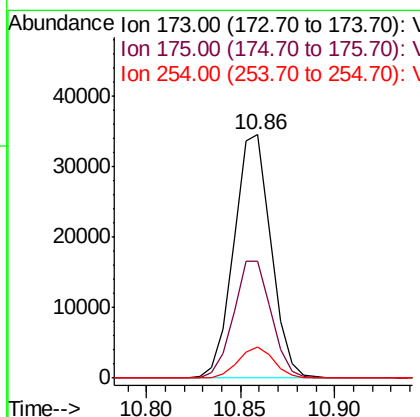
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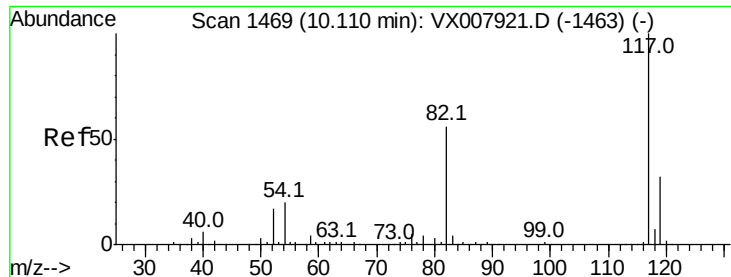
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#56
Bromoform
Concen: 19.419 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.5	57.7
254	12.3	7.4	11.2





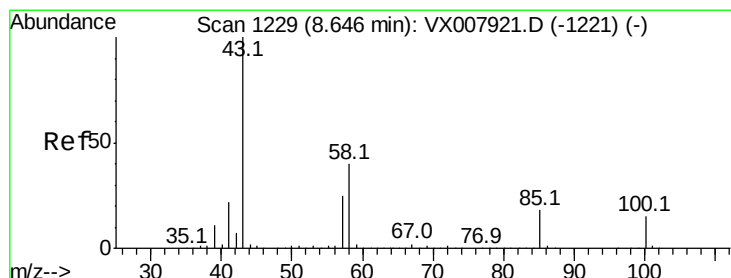
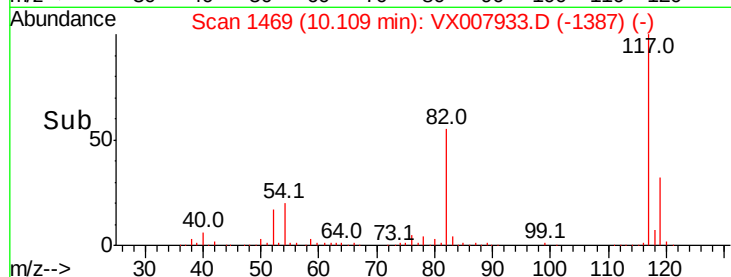
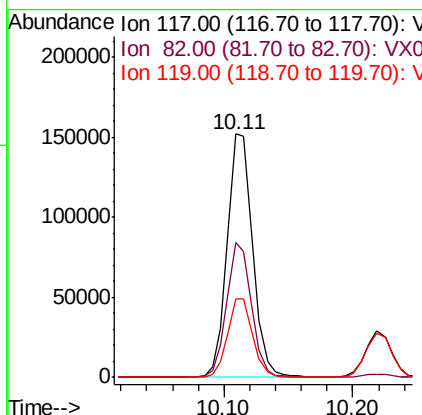
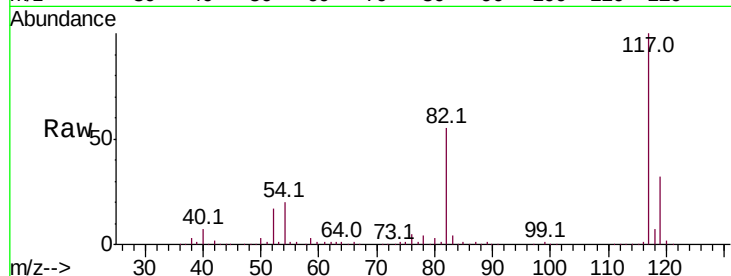
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.4	60.6
119	32.0	25.8	38.6

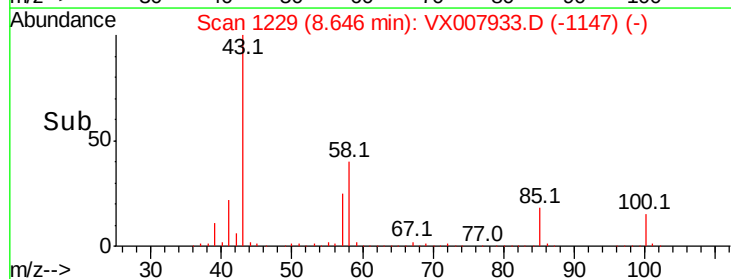
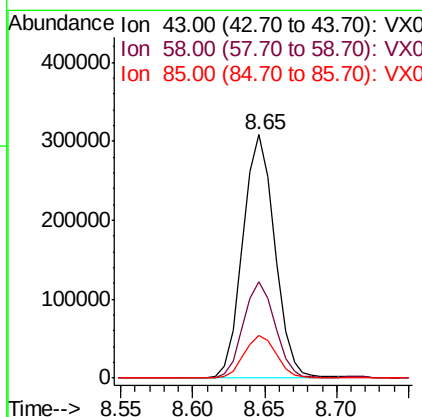
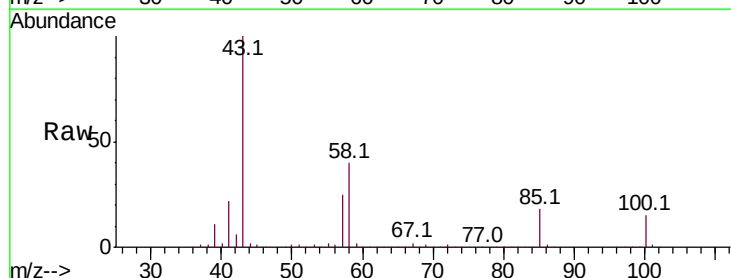
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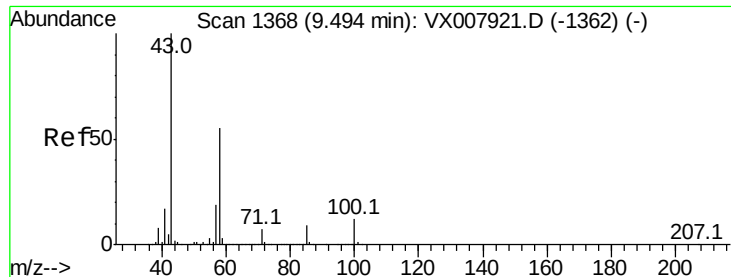
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#58
4-Methyl-2-Pentanone
Concen: 108.369 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.4	47.0
85	17.7	15.0	22.6





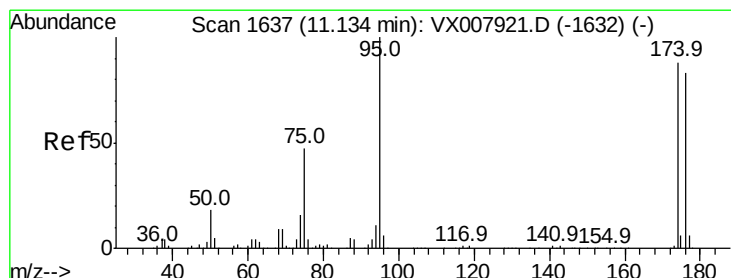
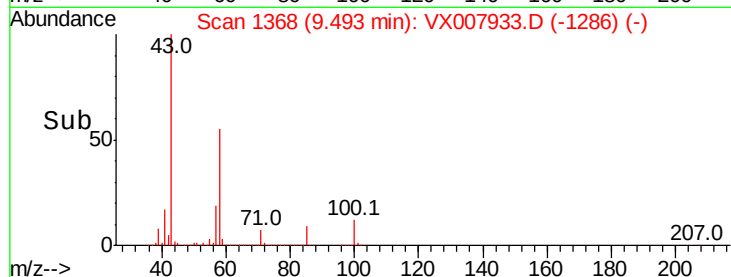
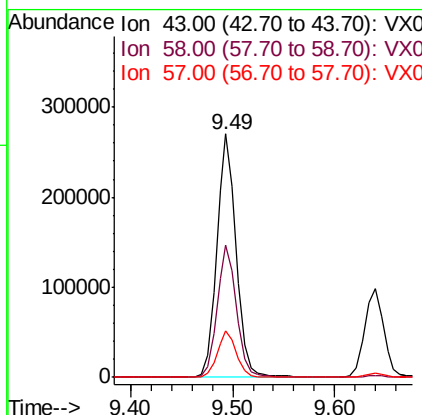
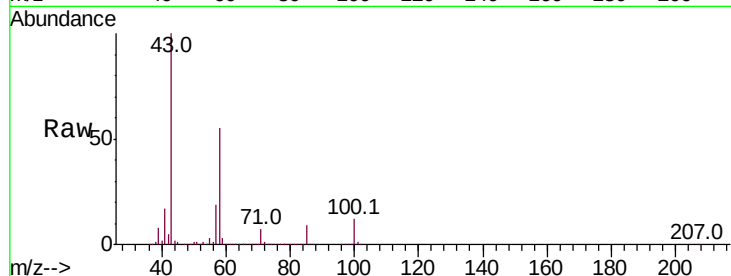
#59
2-Hexanone
Concen: 103.905 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	43.9	65.9
57	18.7	14.9	22.3

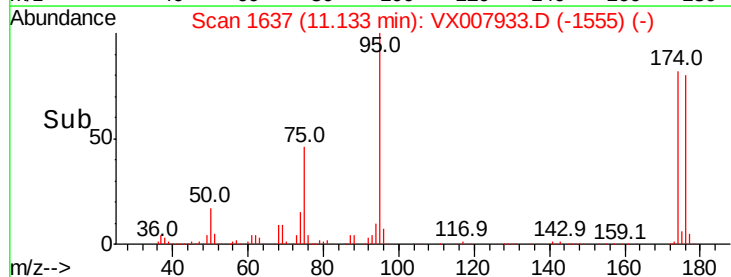
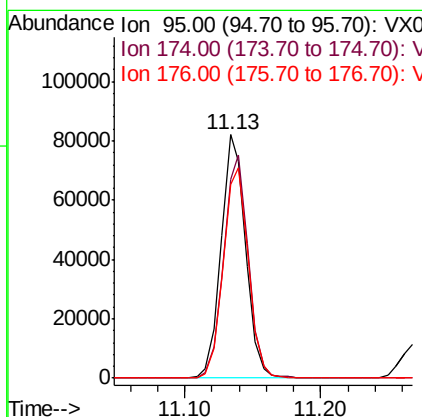
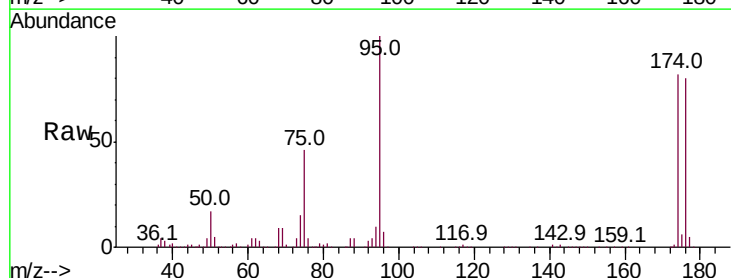
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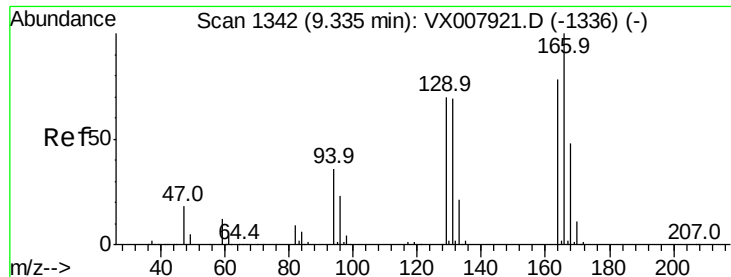
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.036 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.1	74.9	112.3
176	88.7	70.7	106.1





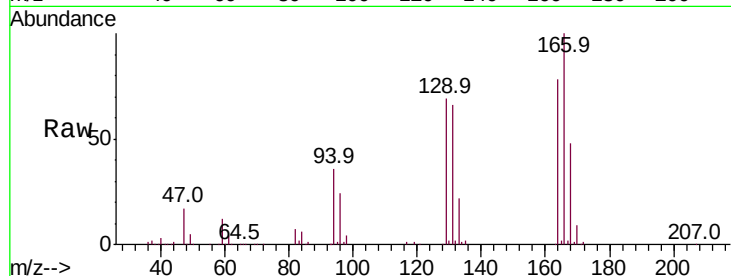
#61
Tetrachloroethene
Concen: 20.894 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

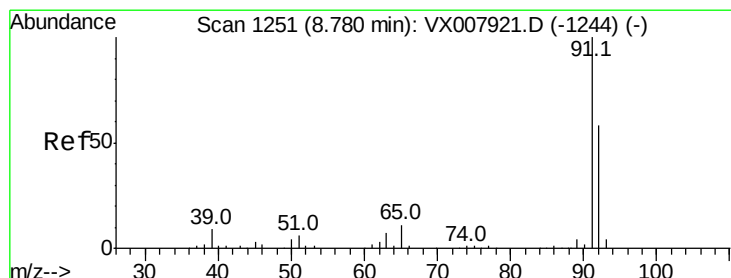
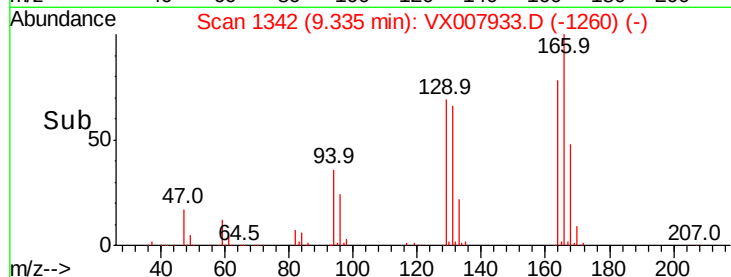
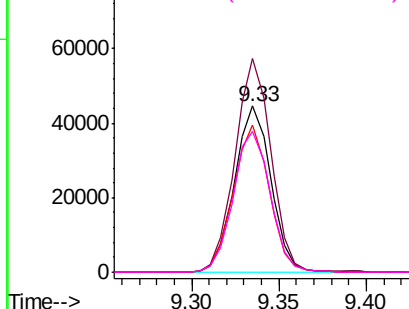
Tot Ion:164 Resp: 64884
Ion Ratio Lower Upper
164 100
166 128.7 103.9 155.9
129 88.9 74.7 112.1
131 84.9 71.7 107.5

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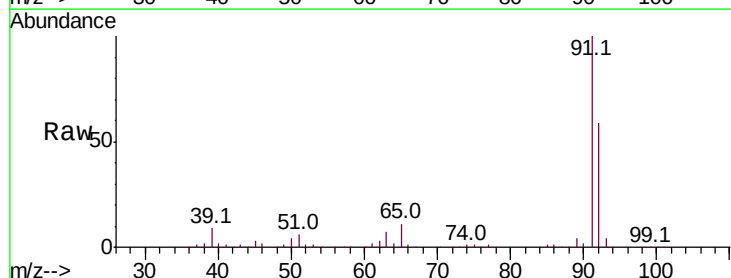


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

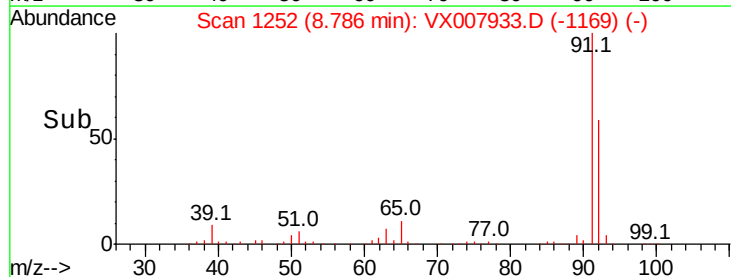
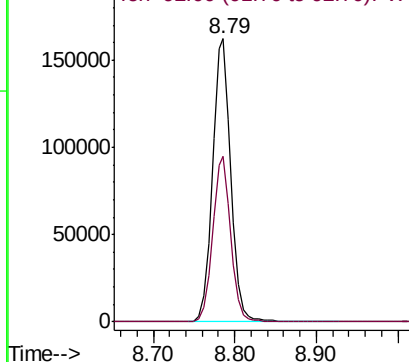


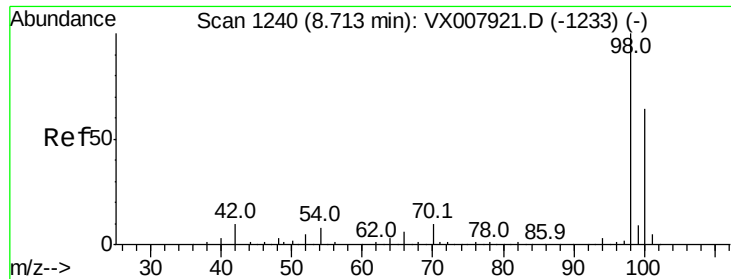
#62
Toluene
Concen: 20.607 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 91 Resp: 256162
Ion Ratio Lower Upper
91 100
92 58.1 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





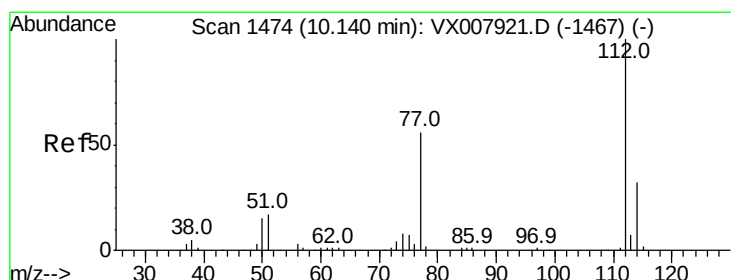
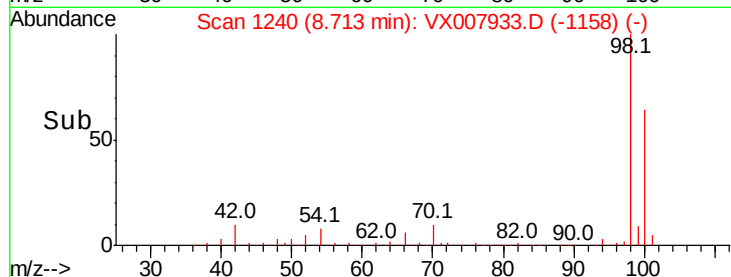
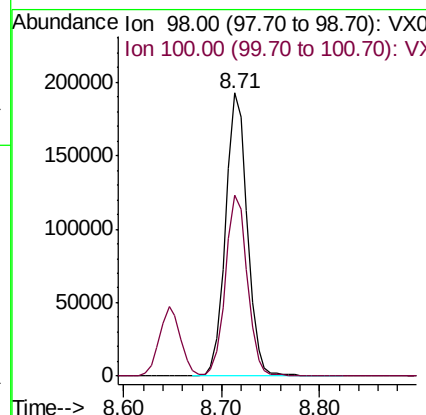
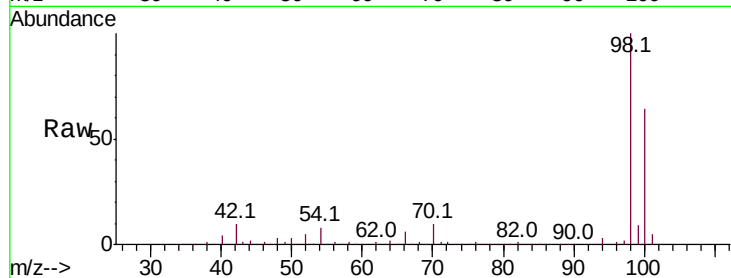
#63
Toluene-d8
Concen: 30.556 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 297688
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

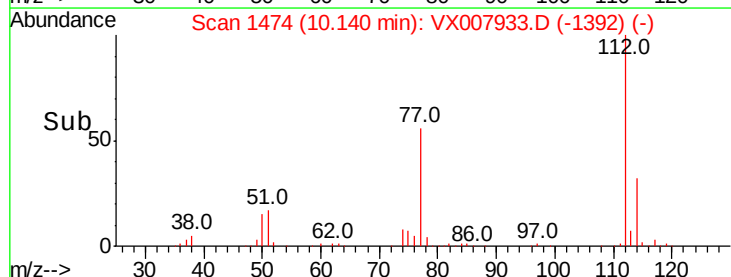
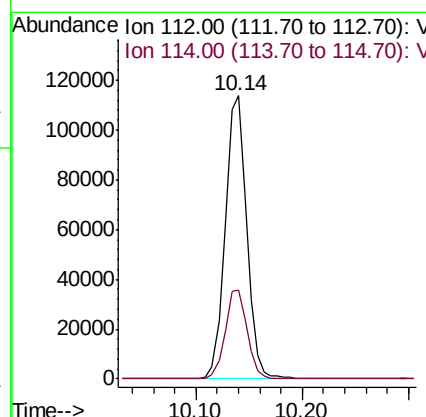
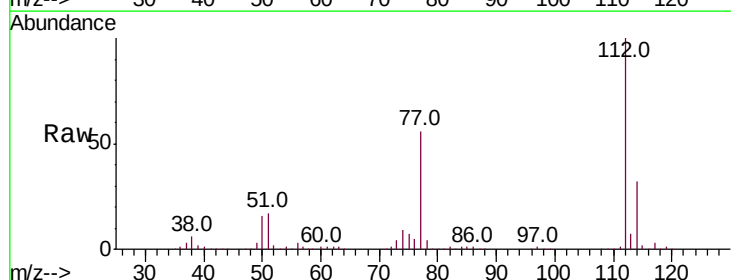
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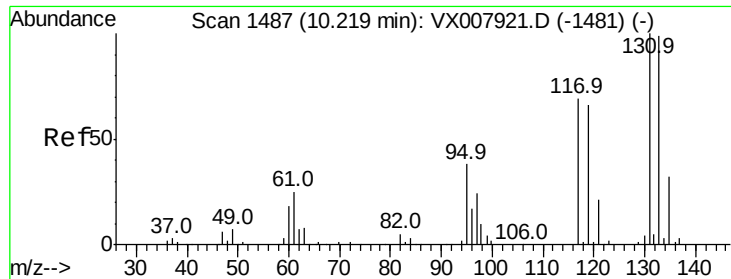
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#64
Chlorobenzene
Concen: 20.262 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 112 Resp: 160530
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.769 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

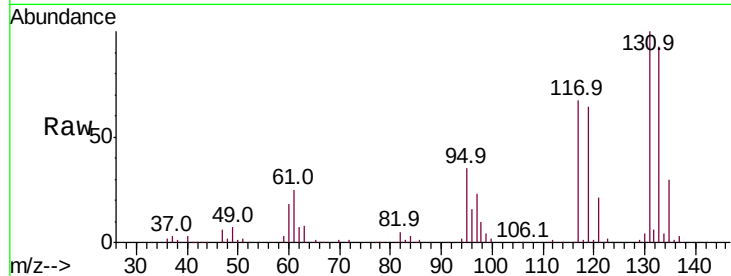
ClientSampleId :

VSTDCCC020EC

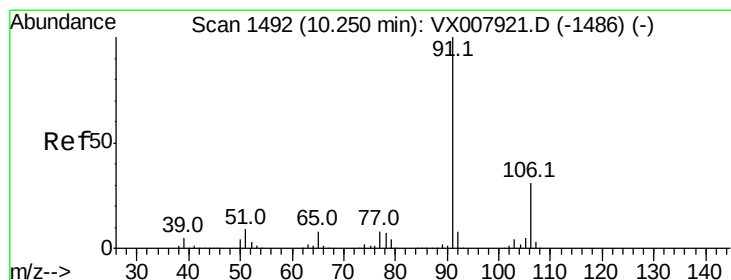
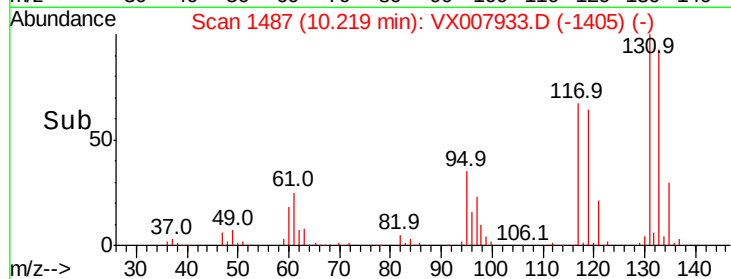
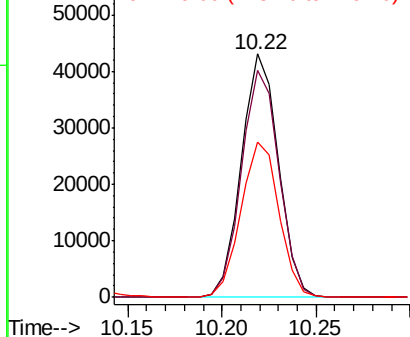
Tot Ion:	131	Resp:	58913
Ion Ratio	Lower	Upper	
131	100		
133	94.1	0.0	191.6
119	65.4	0.0	127.4

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.127 ug/l

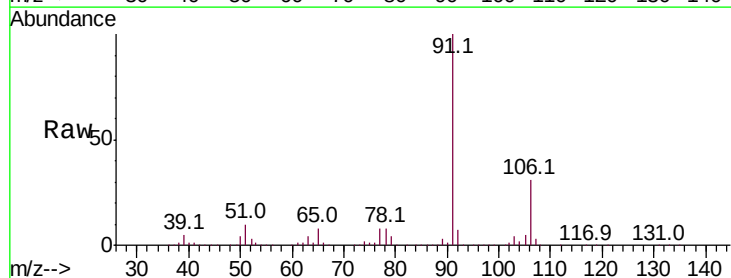
RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

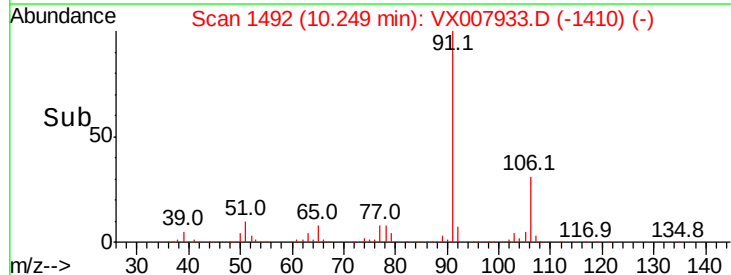
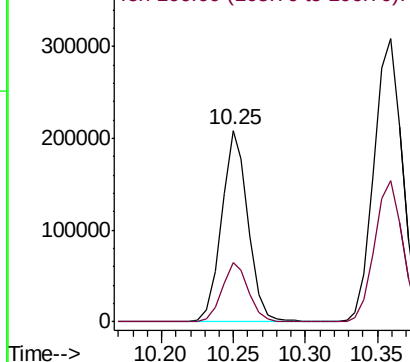
Lab File: VX007933.D

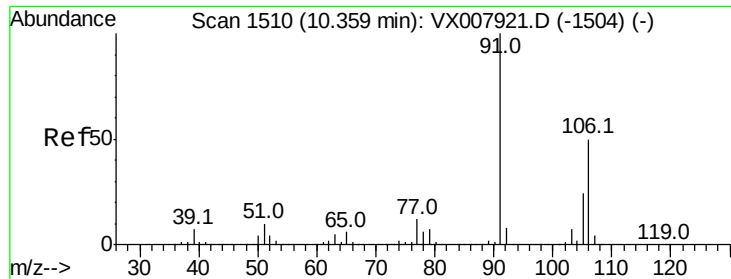
Acq: 08 Mar 2019 16:02

Tgt Ion:	91	Resp:	268733
Ion Ratio	Lower	Upper	
91	100		
106	31.2	26.0	39.0



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





#67

m/p-Xylenes

Concen: 40.715 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion:106 Resp: 208449

Ion Ratio Lower Upper

106 100

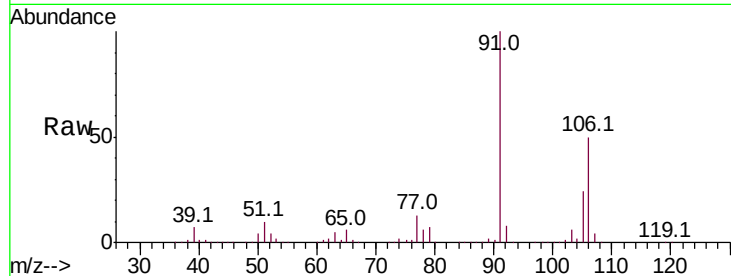
91 202.0 157.0 235.4

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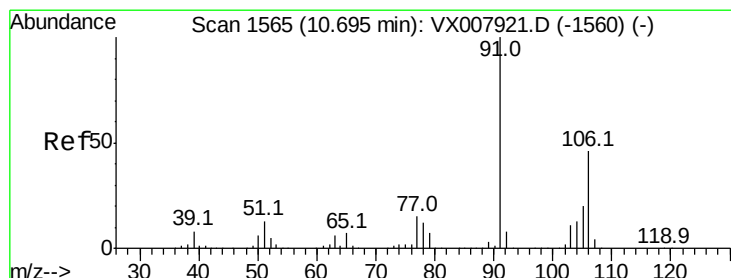
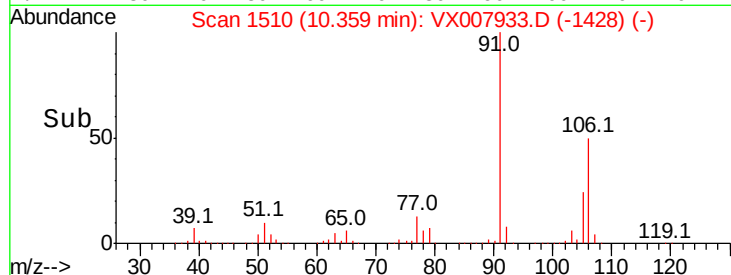
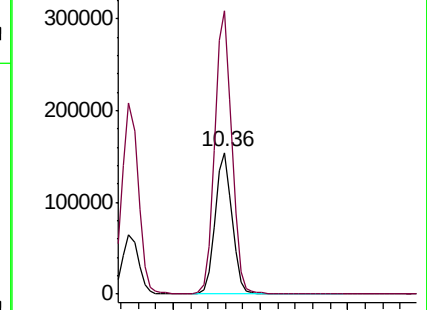
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.401 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007933.D

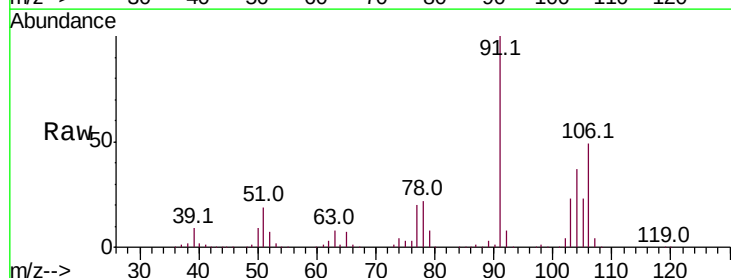
Acq: 08 Mar 2019 16:02

Tgt Ion:106 Resp: 101422

Ion Ratio Lower Upper

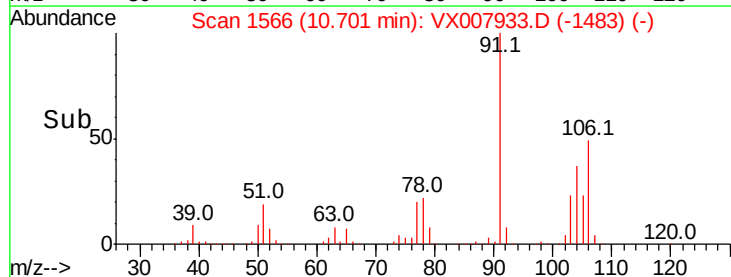
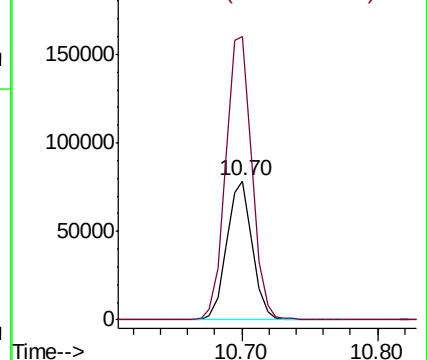
106 100

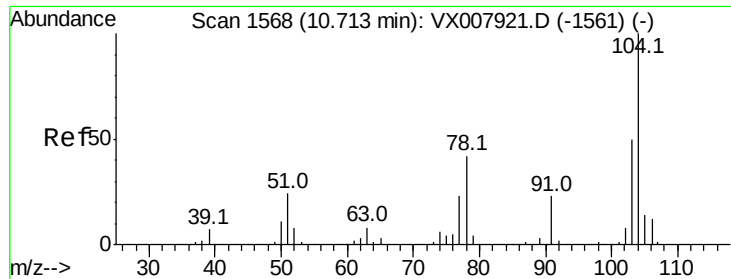
91 210.6 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





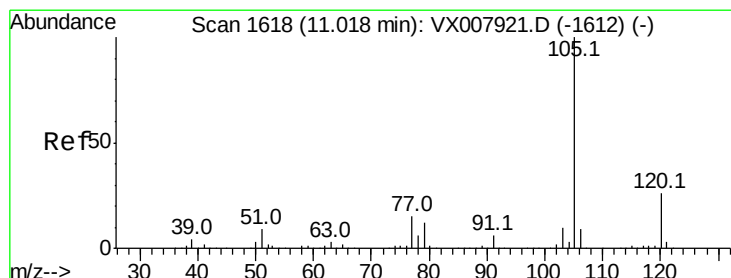
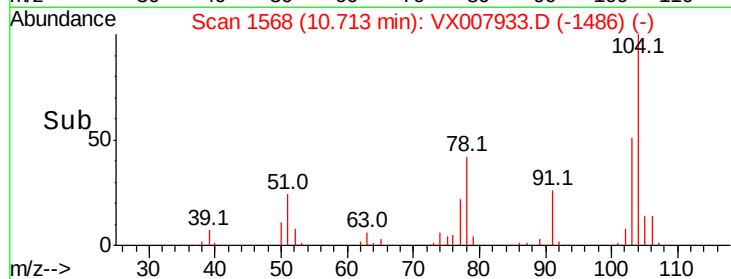
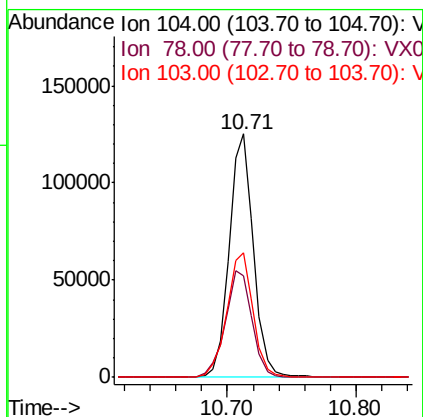
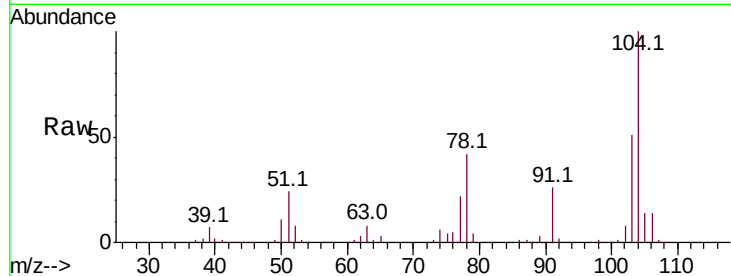
#69
Stvrene
Concen: 20.136 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.2	57.2
103	55.8	45.0	67.4

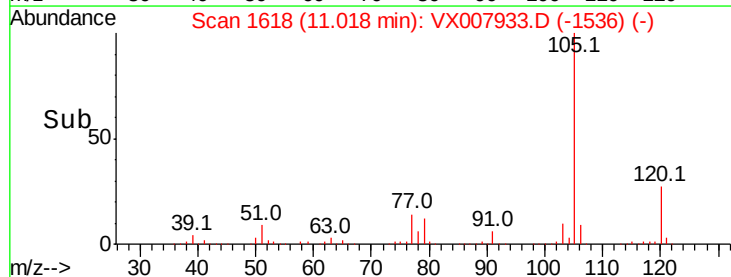
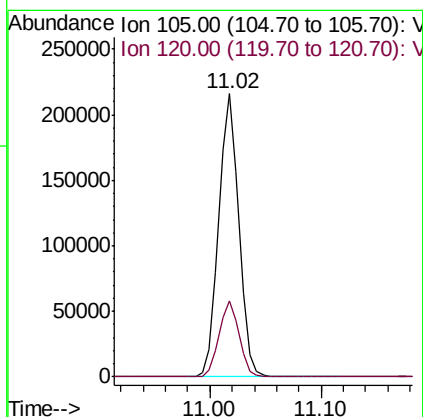
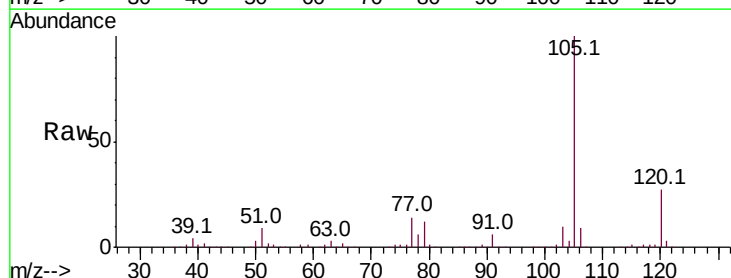
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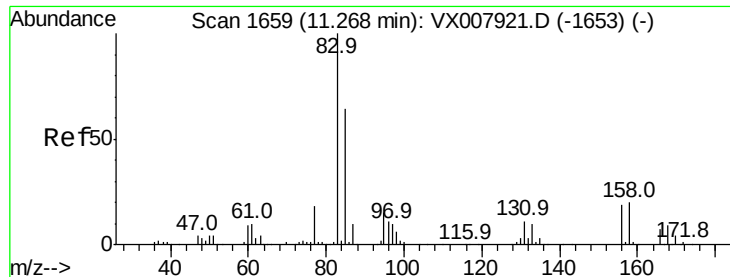
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#70
Isopropylbenzene
Concen: 20.349 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.8	36.8





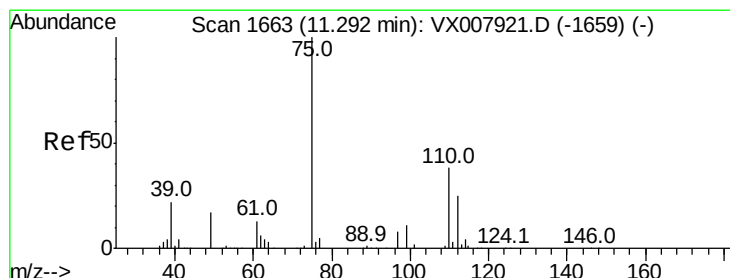
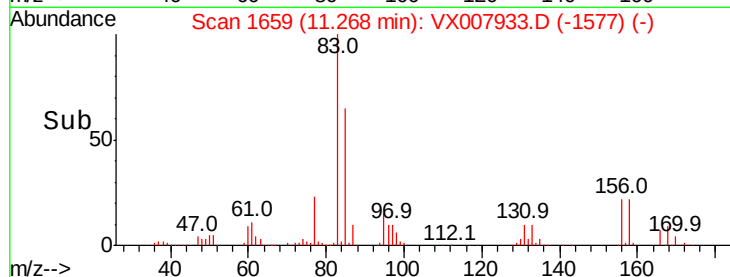
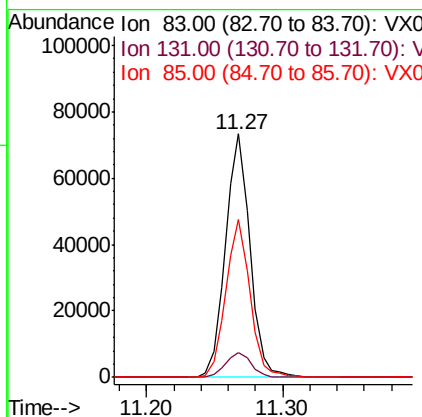
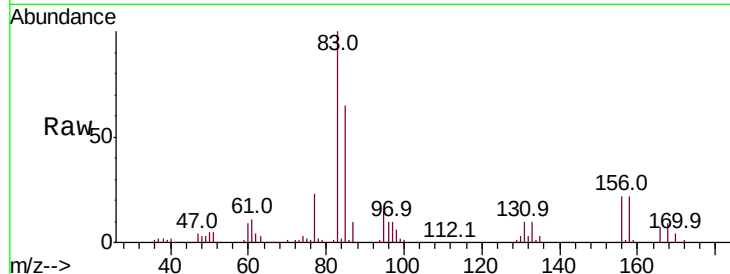
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.921 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	64.1	32.8	98.4

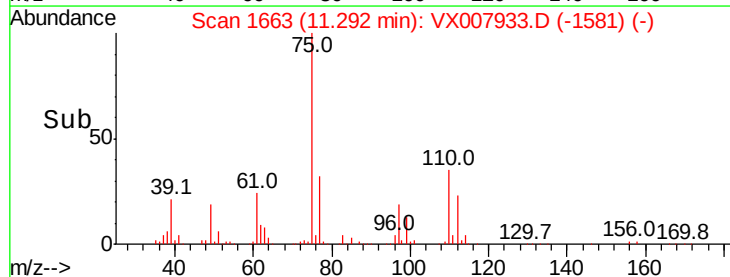
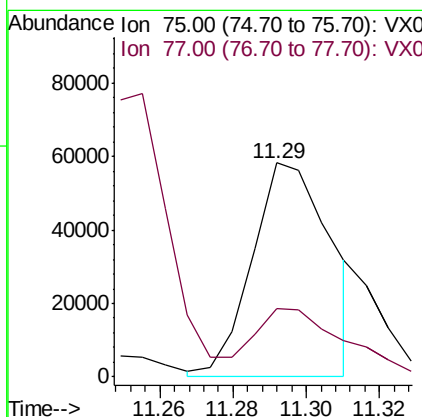
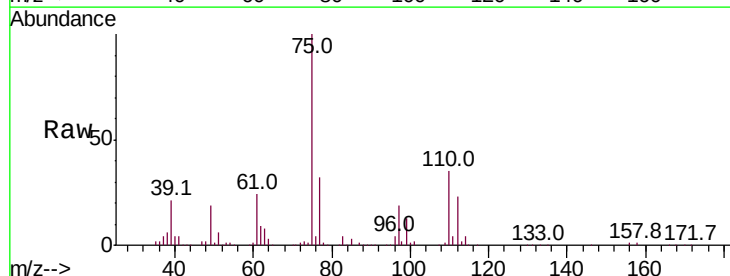
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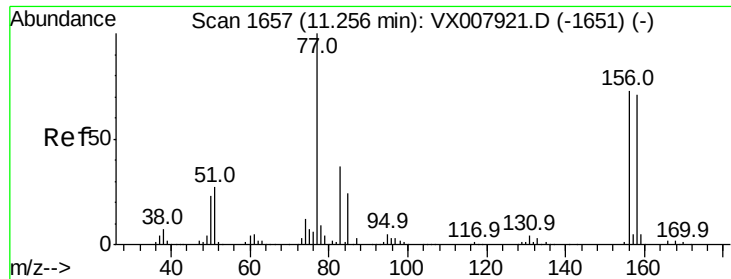
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#72
 1,2,3-Trichloropropane
 Concen: 21.043 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.5	0.0	76.4





#73

Bromobenzene

Concen: 20.161 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

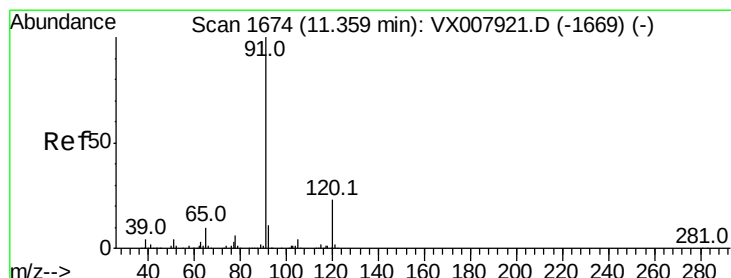
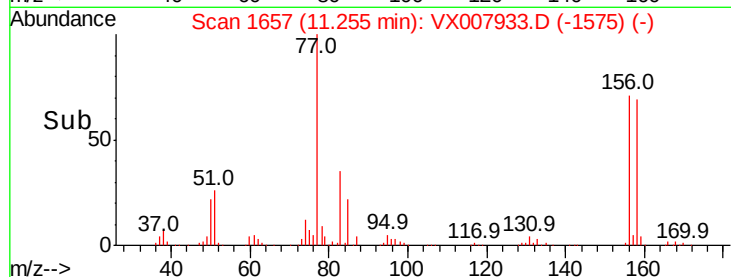
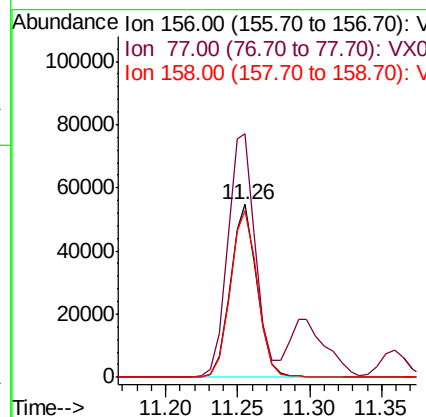
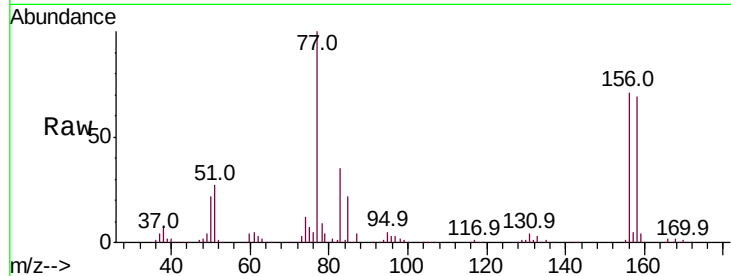
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	71203
Ion Ratio	Lower	Upper	
156	100		
77	144.9	0.0	271.4
158	98.4	0.0	194.0

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#74

n-propylbenzene

Concen: 19.964 ug/l

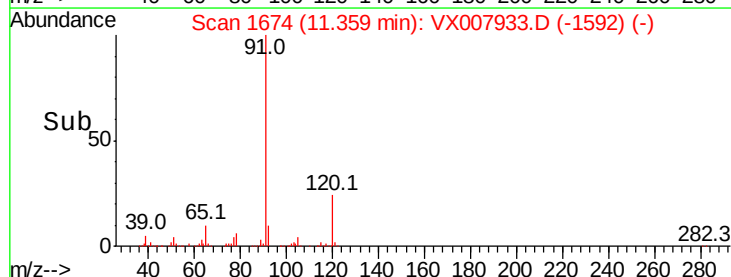
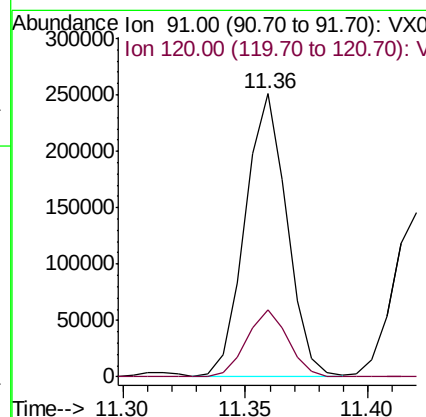
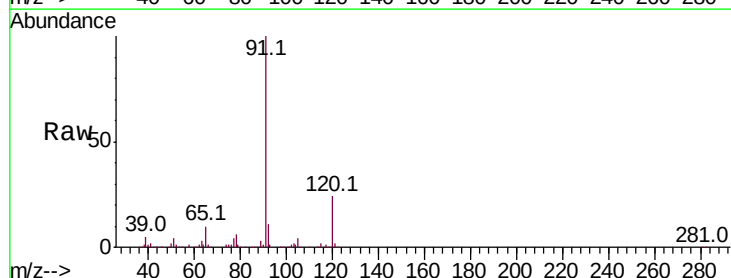
RT: 11.36 min Scan# 1674

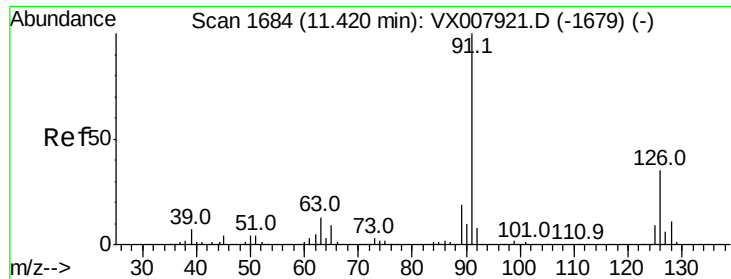
Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion:	91	Resp:	299157
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	48.6





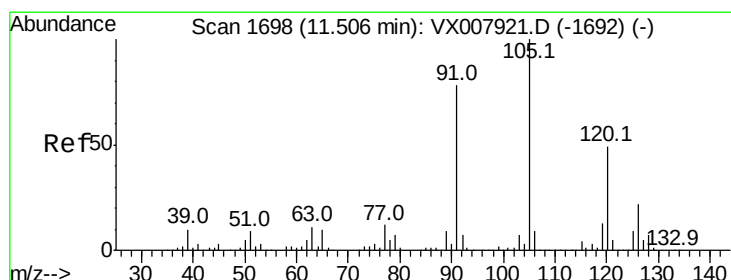
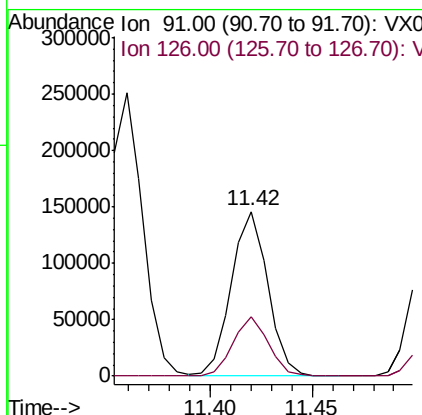
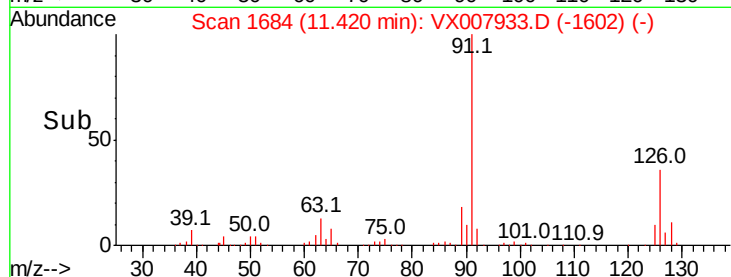
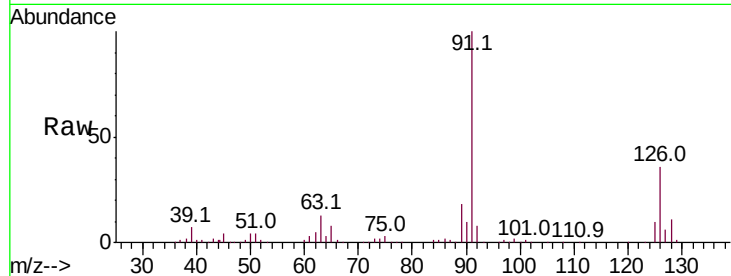
#75
2-Chlorotoluene
Concen: 20.183 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 91 Resp: 181276
Ion Ratio Lower Upper
91 100
126 34.6 0.0 75.2

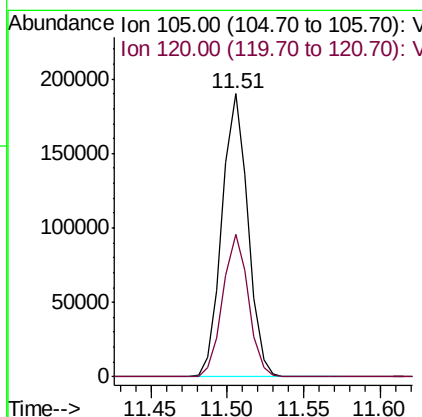
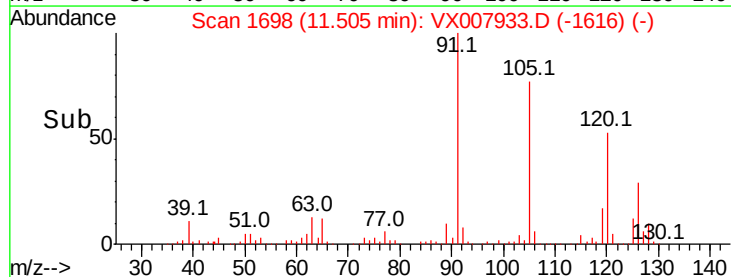
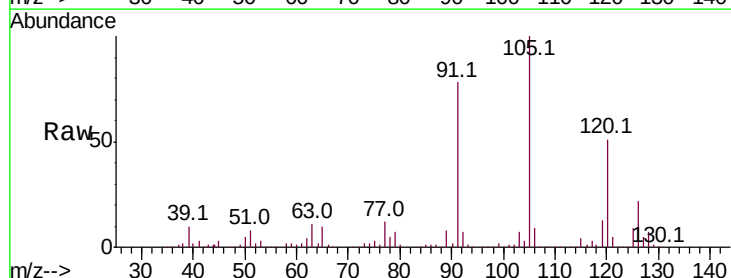
Manual Integrations
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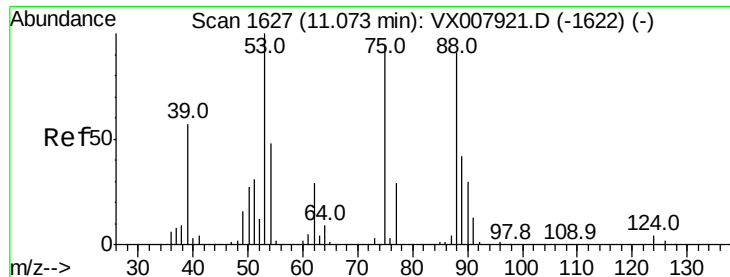
MMDadoda
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#76
1,3,5-Trimethylbenzene
Concen: 20.302 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion: 105 Resp: 223516
Ion Ratio Lower Upper
105 100
120 49.7 0.0 101.0





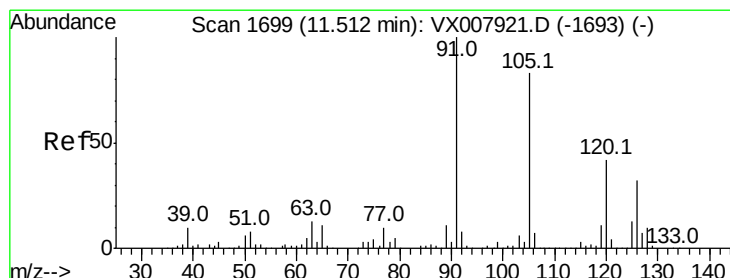
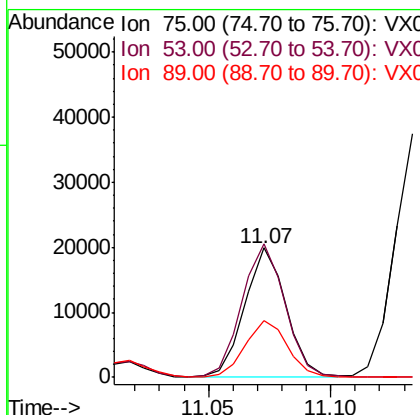
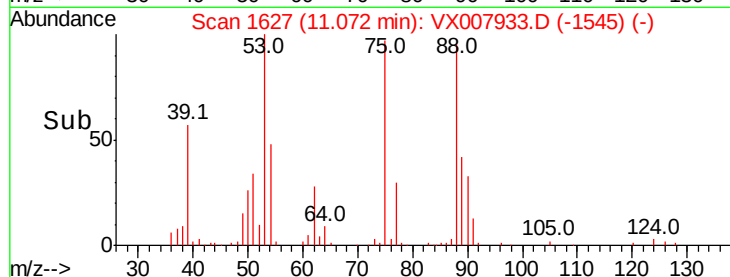
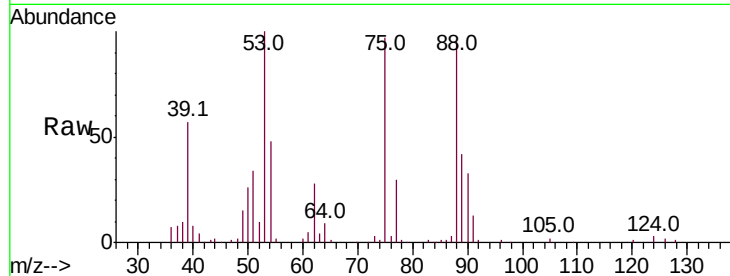
#77
t-1,4-Dichloro-2-butene
Concen: 18.345 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	55.5	166.7
89	43.3	24.4	73.2

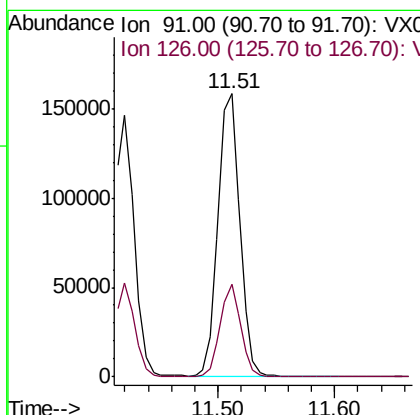
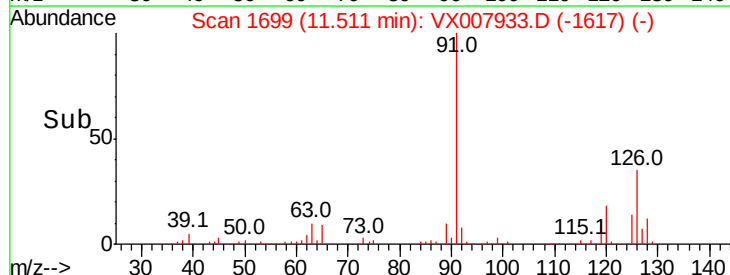
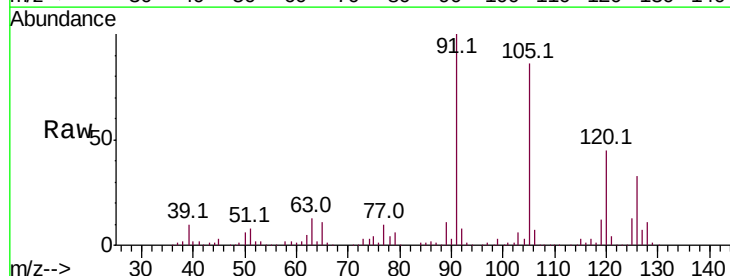
Manual Integrations
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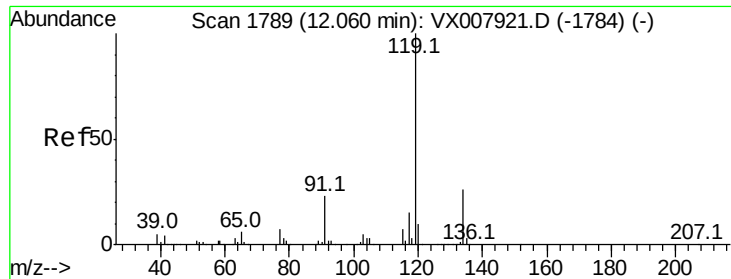
MMDadoda
3/11/2019 12:02:07 PM



#78
4-Chlorotoluene
Concen: 20.227 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	66.2





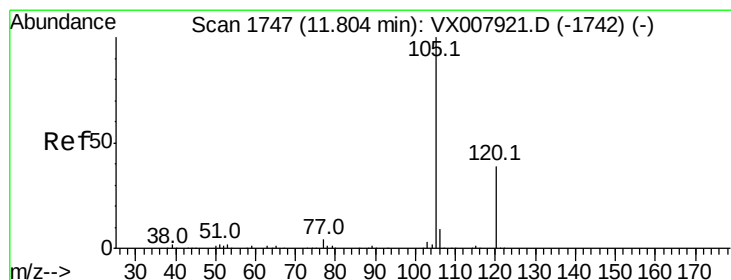
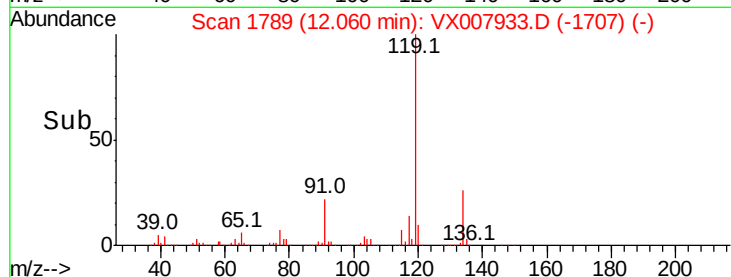
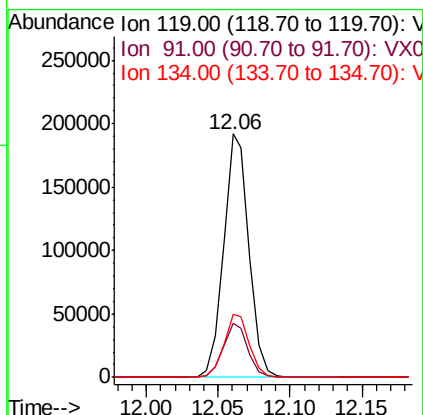
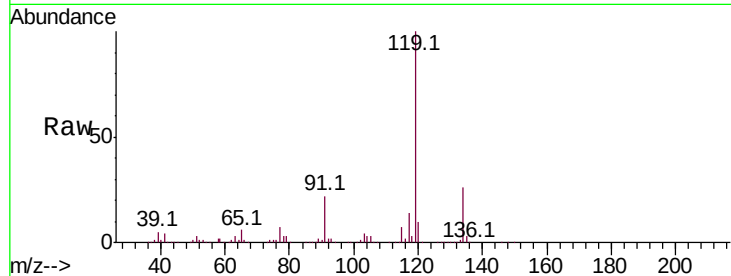
#79
tert-butylbenzene
Concen: 19.951 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	235711		
91	22.0	0.0	45.0	
134	26.1	0.0	55.4	

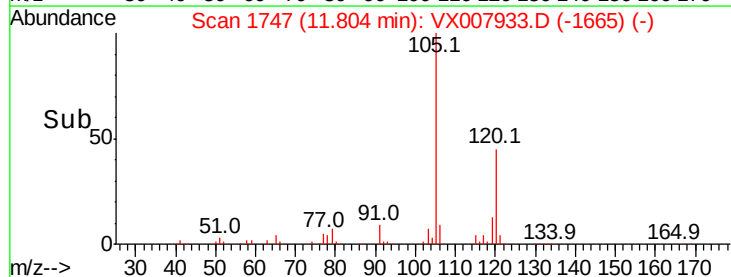
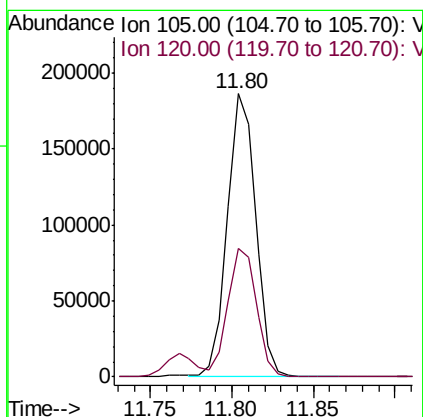
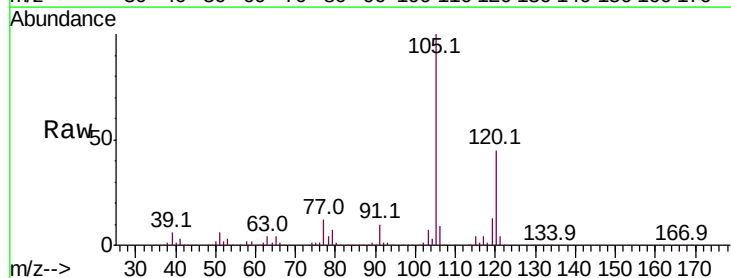
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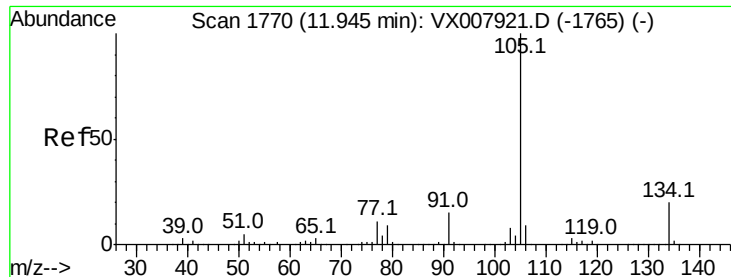
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#80
1,2,4-Trimethylbenzene
Concen: 20.226 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	226001		
120	45.4	0.0	94.0	





#81

sec-Butylbenzene

Concen: 19.907 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 263431

Ion Ratio Lower Upper

105 100

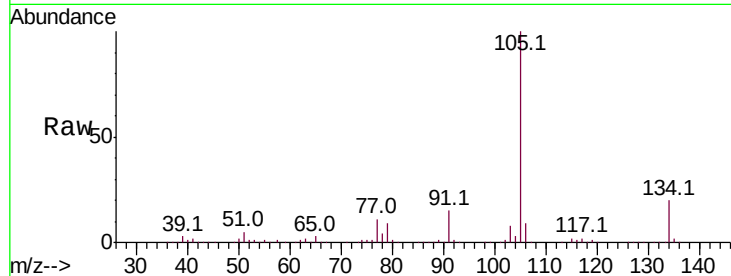
134 20.2 0.0 41.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

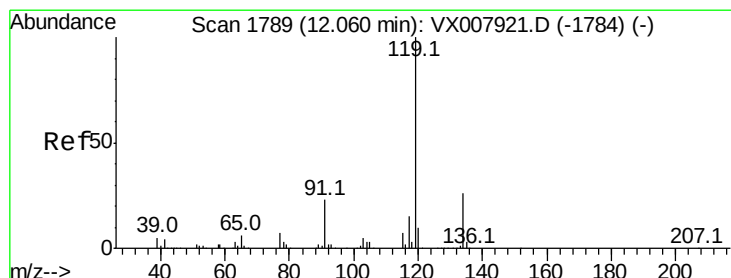
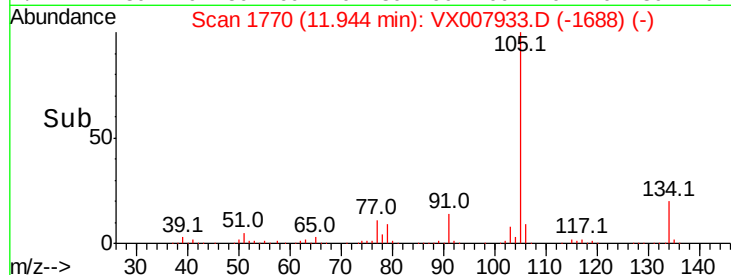
50000

0

11.90

12.00

Time-->



#82

p-Isopropyltoluene

Concen: 19.951 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

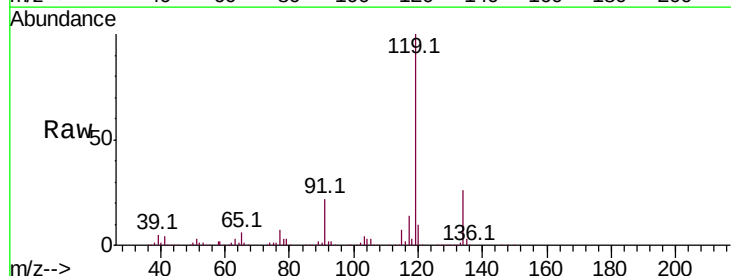
Tgt Ion:119 Resp: 235711

Ion Ratio Lower Upper

119 100

134 26.1 0.0 55.4

91 22.0 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

100000

50000

0

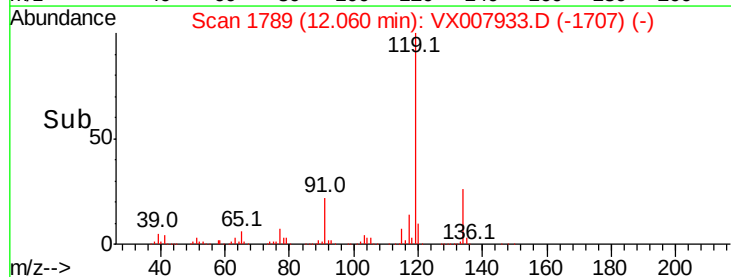
12.00

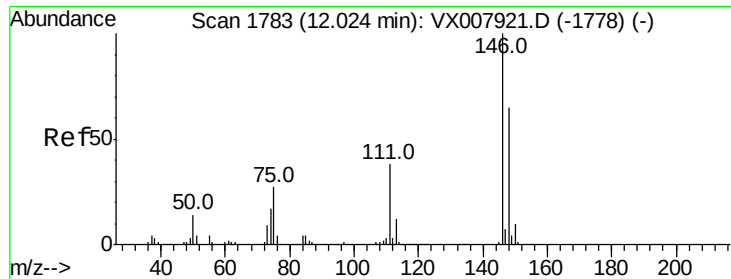
12.05

12.10

12.15

Time-->





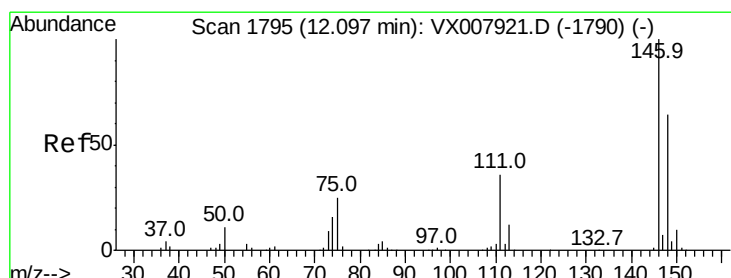
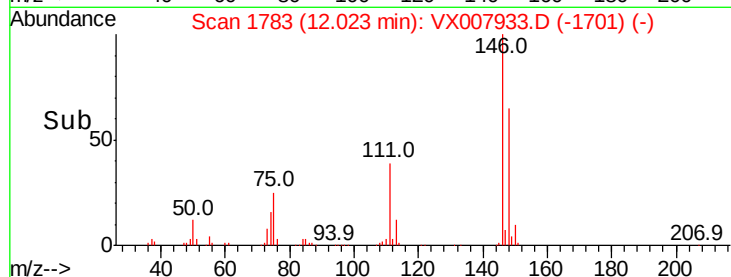
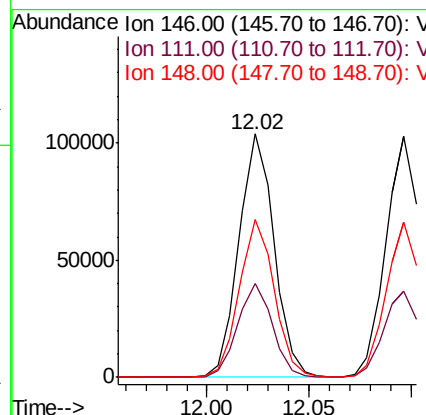
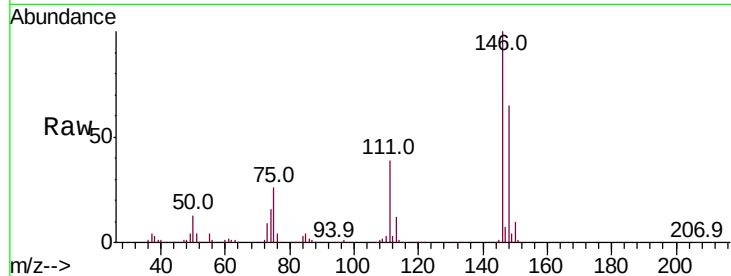
#83
1,3-Dichlorobenzene
Concen: 19.789 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	64.5	30.6	91.8

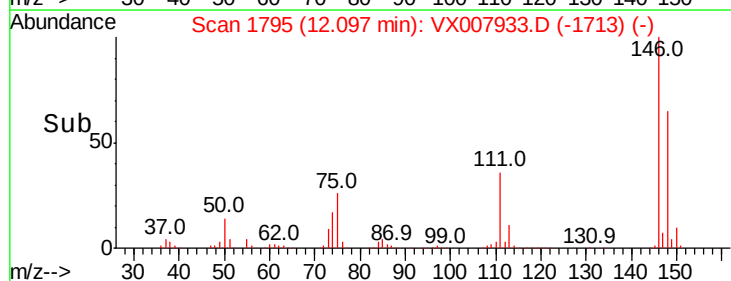
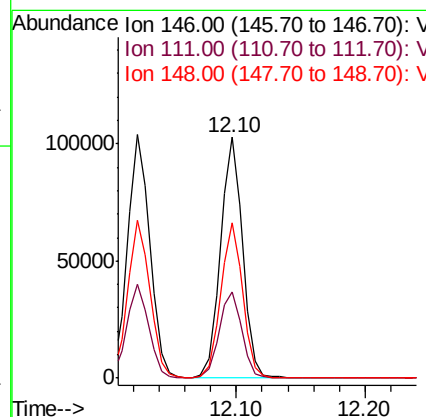
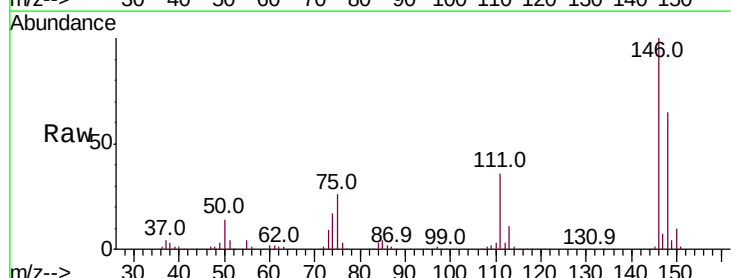
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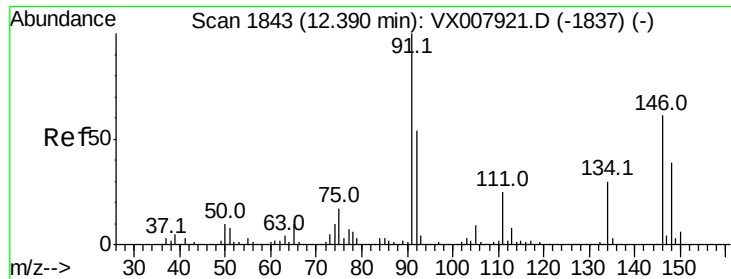
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#84
1,4-Dichlorobenzene
Concen: 19.719 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.6	52.8
148	64.1	31.4	94.2





#85

n-Butylbenzene

Concen: 19.013 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Instrument :

MSVOA_X

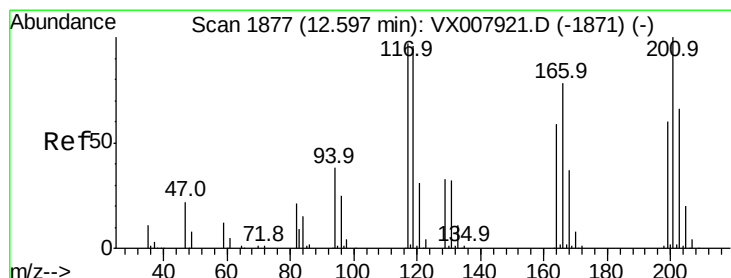
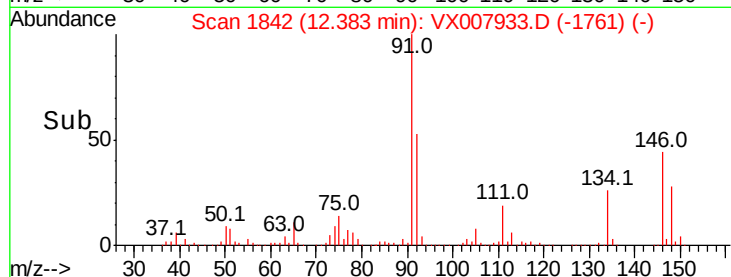
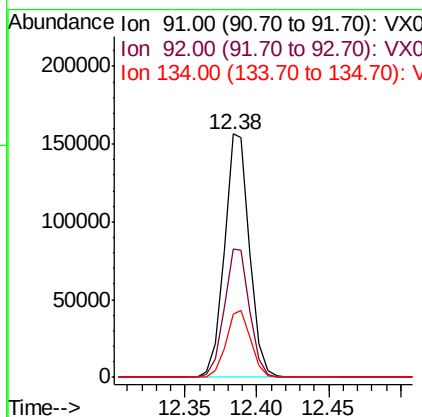
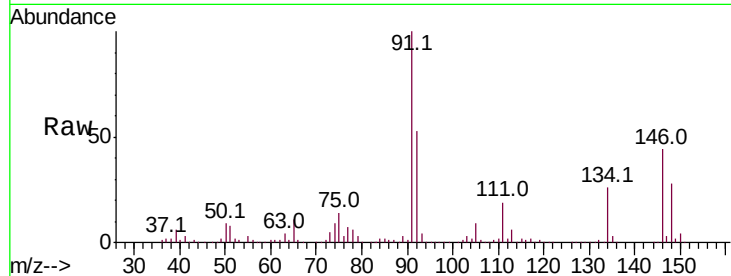
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	192108
Ion Ratio	Lower	Upper	
91	100		
92	53.2	0.0	105.2
134	27.1	0.0	56.4

Manual Integrations
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#86

Hexachloroethane

Concen: 19.427 ug/l

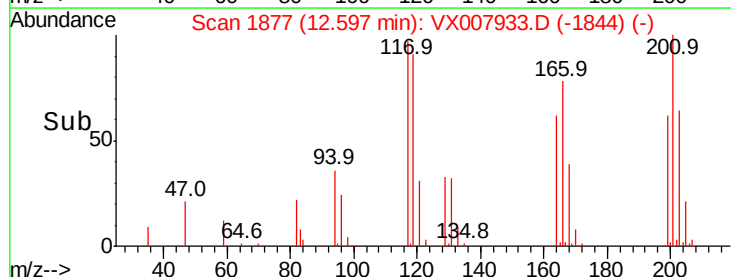
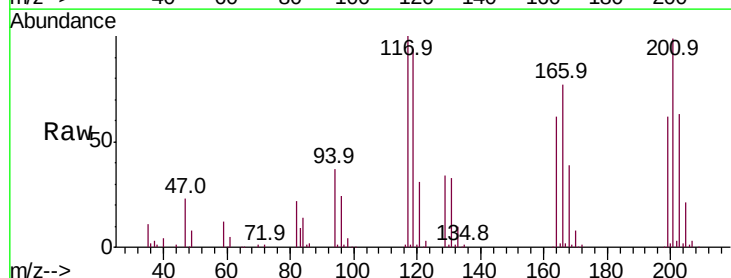
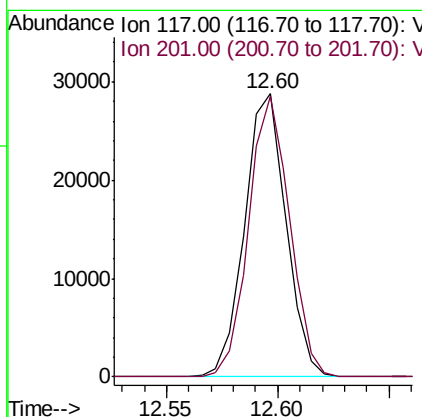
RT: 12.60 min Scan# 1877

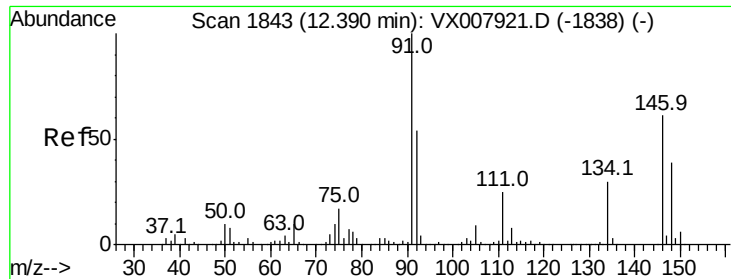
Delta R.T. -0.00 min

Lab File: VX007933.D

Acq: 08 Mar 2019 16:02

Tgt Ion:	117	Resp:	37396
Ion Ratio	Lower	Upper	
117	100		
201	97.5	41.1	123.3





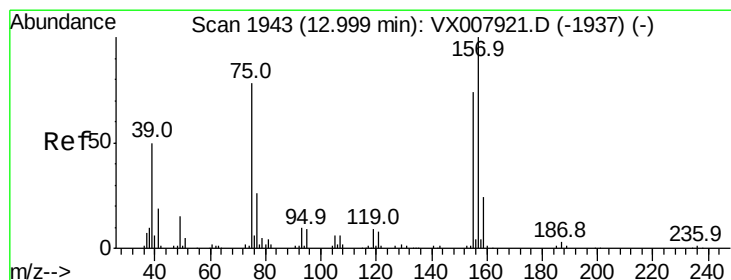
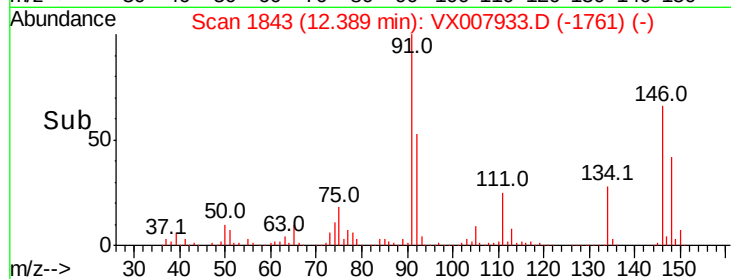
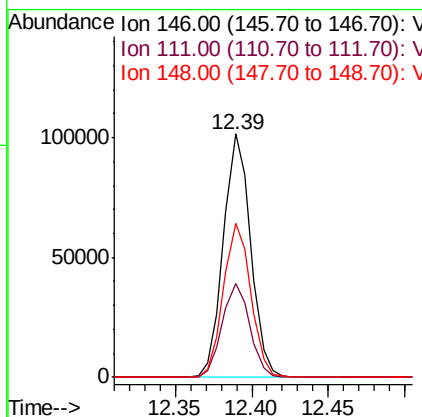
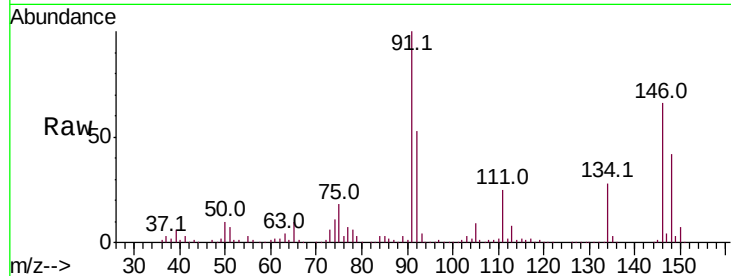
#87
 1,2-Dichlorobenzene
 Concen: 20.291 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	63.6	32.1	96.3

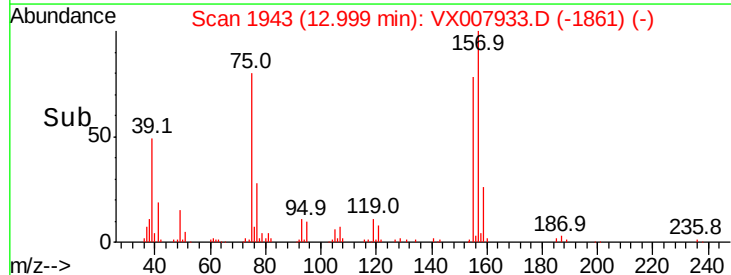
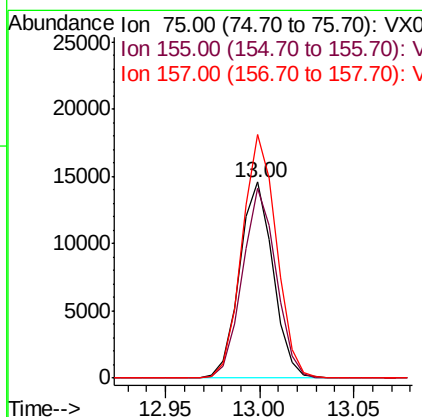
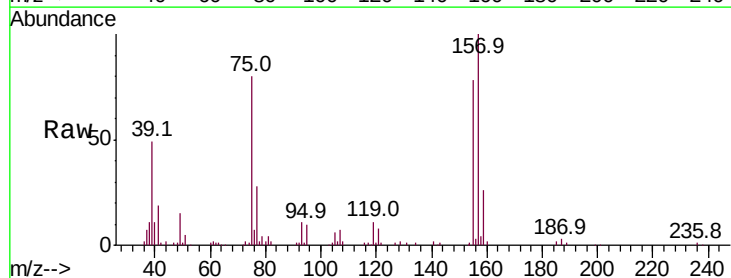
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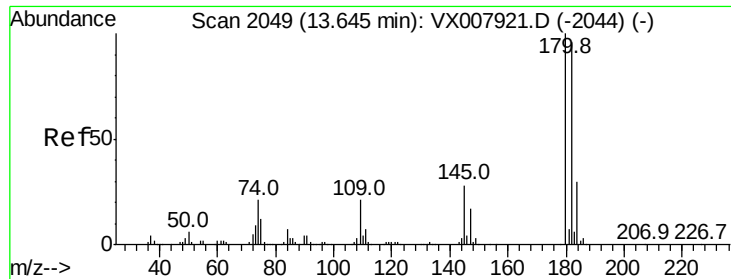
MMDadoda
 3/11/2019 12:02:07 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.139 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	81.0	121.6
157	126.1	103.2	154.8





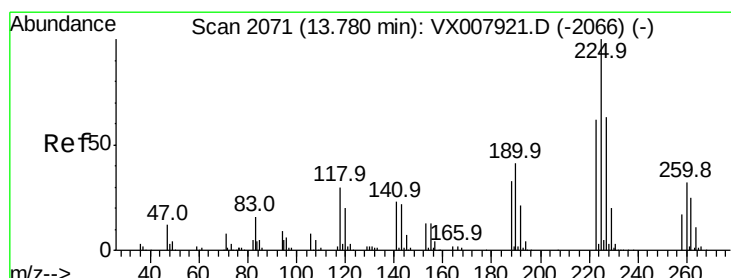
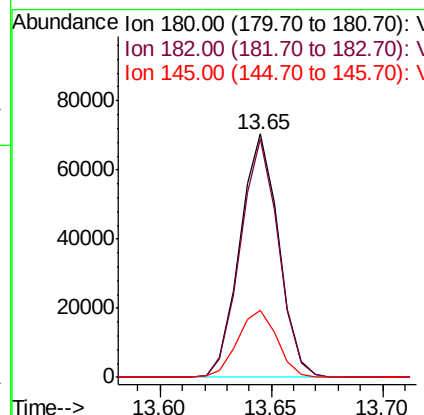
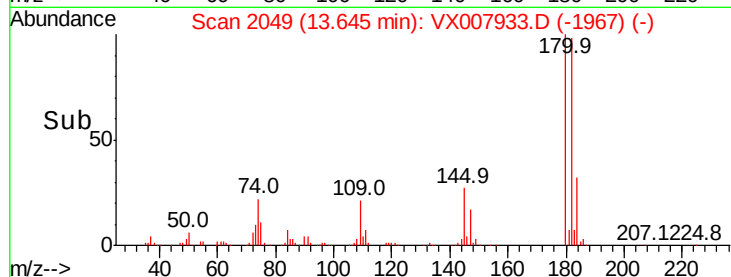
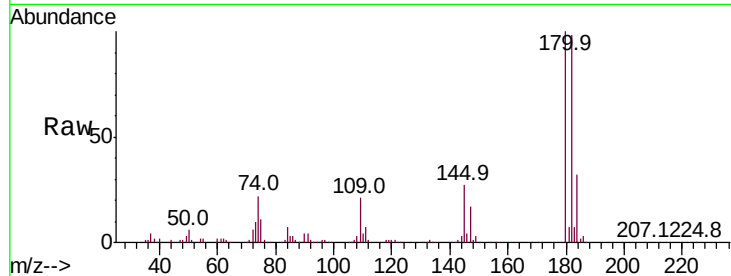
#89
 1,2,4-Trichlorobenzene
 Concen: 19.084 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	85230		
182	96.5		75.6	113.4
145	28.0		23.0	34.6

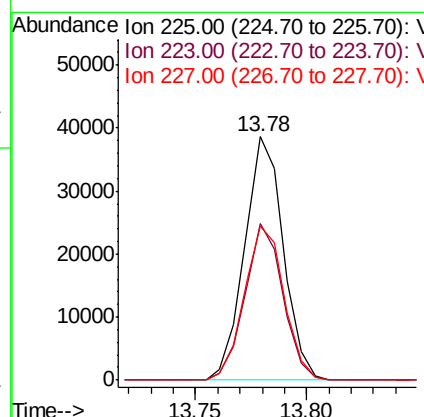
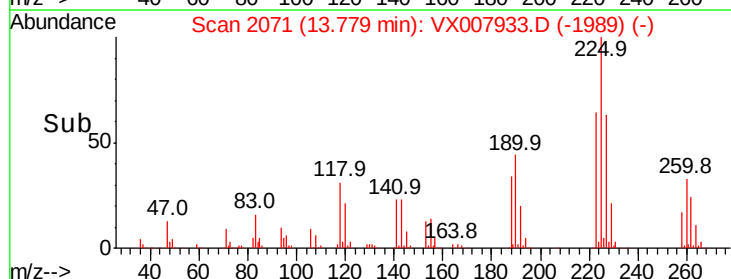
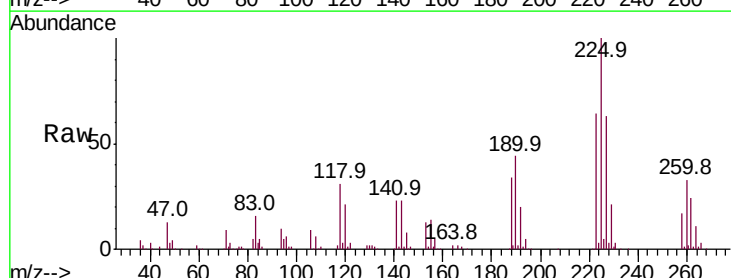
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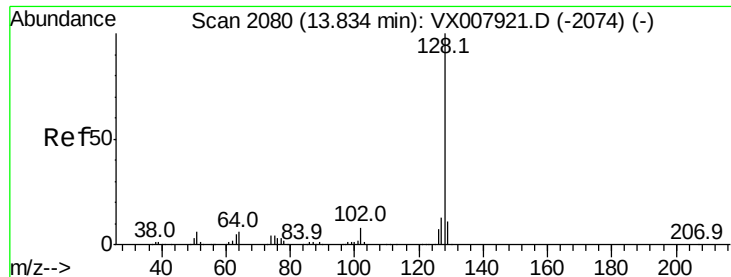
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 3/11/2019 12:02:07 PM



#90
 Hexachlorobutadiene
 Concen: 19.051 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007933.D
 Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46925		
223	63.0		0.0	123.8
227	65.0		0.0	124.4





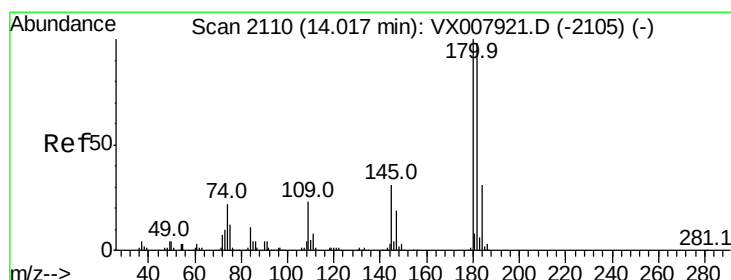
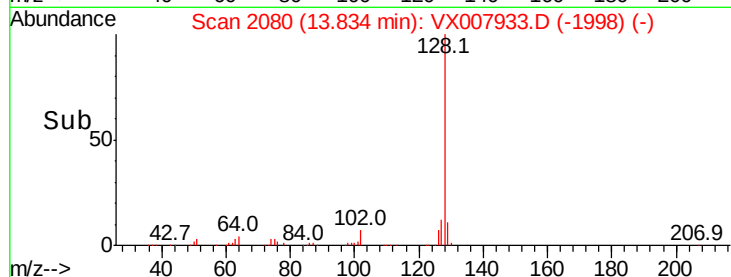
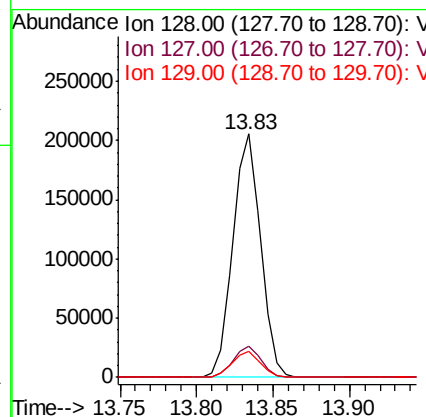
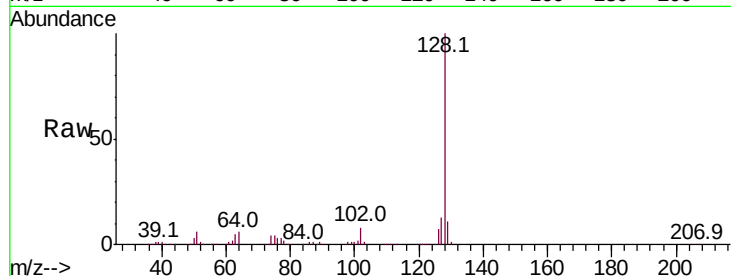
#91
Naphthalene
Concen: 20.148 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.8	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.578 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007933.D
Acq: 08 Mar 2019 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	0.0	193.0
145	29.4	0.0	63.0

