

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010976.D
 Acq On : 18 Jul 2019 22:22
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:56:22 AM

Quant Time: Jul 19 03:24:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	40759	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	221910	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	197447	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	80722	24.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	82.70%
60) 4-Bromofluorobenzene	11.13	95	92870	28.11	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.70%
63) Toluene-d8	8.71	98	263917	28.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	9946	4.326	ug/l 97
3) Chloromethane	1.32	50	10697	3.774	ug/l 99
4) Vinyl Chloride	1.41	62	10826	3.819	ug/l 94
5) Bromomethane	1.64	94	6613	3.615	ug/l 93
6) Chloroethane	1.72	64	7110	3.912	ug/l 96
7) Trichlorofluoromethane	1.93	101	18810	5.062	ug/l 94
8) Diethyl Ether	2.19	74	6474	4.015	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	10553	4.716	ug/l 99
10) 1,1-Dichloroethene	2.37	96	10883	4.838	ug/l 96
11) Methyl Iodide	2.51	142	10856	4.276	ug/l 93
12) Methyl Acetate	2.78	43	13929	3.441	ug/l 95
13) Acrolein	2.29	56	9311	16.942	ug/l 99
14) Acrylonitrile	3.14	53	28403	16.499	ug/l 97
15) Acetone	2.44	58	8216	16.784	ug/l 96
16) Carbon Disulfide	2.57	76	24683	4.126	ug/l 97
17) Allyl chloride	2.73	41	14884	3.005	ug/l 94
18) Methylene Chloride	2.85	84	12452	4.650	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	11458	4.777	ug/l 98
20) Diisopropyl ether	3.85	45	32735	3.324	ug/l 96
21) 1,1-Dichloroethane	3.70	63	18802	3.835	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	13245	4.645	ug/l 98
23) tert-Butyl Alcohol	3.04	59	19893	26.379	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	34163	4.024	ug/l 99
25) Chloroform	5.21	83	21060	4.578	ug/l 96
26) Cyclohexane	5.58	56	17849	3.929	ug/l # 57
29) 1,1-Dichloropropene	5.80	75	14871	4.606	ug/l 88
30) 2-Butanone	4.67	43	38925	16.356	ug/l 98
31) 2,2-Dichloropropane	4.59	77	12321	3.620	ug/l # 82
32) 1,1,1-Trichloroethane	5.50	97	16562	4.637	ug/l 99
33) Carbon Tetrachloride	5.78	117	13620	4.563	ug/l 96
34) Benzene	6.15	78	45350	4.583	ug/l 97
35) Methacrylonitrile	5.04	41	7914	3.200	ug/l 95
36) 1,2-Dichloroethane	6.19	62	16155	4.531	ug/l # 89
37) Trichloroethene	7.22	130	13369	5.391	ug/l 85
38) Methylcyclohexane	7.46	83	18710	4.666	ug/l 99
39) 1,2-Dichloropropane	7.51	63	11164	4.049	ug/l 91
40) Dibromomethane	7.66	93	8127	4.960	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Jul 19 03:24:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	13273	4.079	ug/l	98
42) Vinyl Acetate	3.81	43	127373	16.295	ug/l	100
43) Ethyl Acetate	4.84	43	15369	3.575	ug/l	99
44) Isopropyl Acetate	6.45	43	23552	3.343	ug/l	97
45) 1,4-Dioxane	7.74	88	6746	92.303	ug/l	98
46) Methyl methacrylate	7.77	41	10773	3.087	ug/l	98
47) n-amyl Acetate	10.90	43	18379	2.900	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	12404	3.323	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	14640	3.564	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	11748	4.723	ug/l	94
51) Ethyl methacrylate	9.18	69	16997	3.831	ug/l	96
52) 1,3-Dichloropropane	9.37	76	19112	4.408	ug/l	98
53) Dibromochloromethane	9.58	129	10203	4.075	ug/l	98
54) 1,2-Dibromoethane	9.67	107	12145	4.711	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	40591	17.900	ug/l	98
56) Bromoform	10.85	173	6565	3.444	ug/l	96
58) 4-Methyl-2-Pentanone	8.64	43	80084	17.580	ug/l	99
59) 2-Hexanone	9.49	43	60039	16.874	ug/l	98
61) Tetrachloroethene	9.34	164	13614	5.983	ug/l	96
62) Toluene	8.78	91	51929	4.931	ug/l	99
64) Chlorobenzene	10.13	112	32878	5.115	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	10056	4.287	ug/l	94
66) Ethyl Benzene	10.25	91	57435	4.886	ug/l	95
67) m/p-Xylenes	10.36	106	43065	9.897	ug/l	95
68) o-Xylene	10.69	106	21733	5.088	ug/l	96
69) Styrene	10.71	104	32908	4.441	ug/l	98
70) Isopropylbenzene	11.02	105	54472	4.775	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	17865	4.363	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	15105m	4.335	ug/l	
73) Bromobenzene	11.26	156	15281	5.316	ug/l	99
74) n-propylbenzene	11.36	91	60281	4.583	ug/l	100
75) 2-Chlorotoluene	11.42	91	37777	4.802	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	45487	4.697	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	3249	2.392	ug/l	90
78) 4-Chlorotoluene	11.51	91	41964	4.682	ug/l	100
79) tert-butylbenzene	11.77	119	43995	4.709	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	46604	4.796	ug/l	99
81) sec-Butylbenzene	11.94	105	50989	4.588	ug/l	100
82) p-Isopropyltoluene	12.06	119	46207	4.553	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	25655	4.992	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	24849	4.837	ug/l	98
85) n-Butylbenzene	12.38	91	36897	4.019	ug/l	98
86) Hexachloroethane	12.59	117	5744	3.432	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	25582	4.945	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	3475	3.708	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	16278	4.458	ug/l	99
90) Hexachlorobutadiene	13.78	225	8370	4.614	ug/l	98
91) Naphthalene	13.83	128	47268	4.012	ug/l	98
92) 1,2,3-Trichlorobenzene	14.02	180	16688	4.519	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

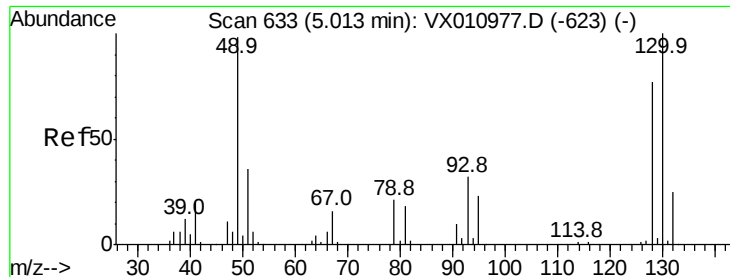
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



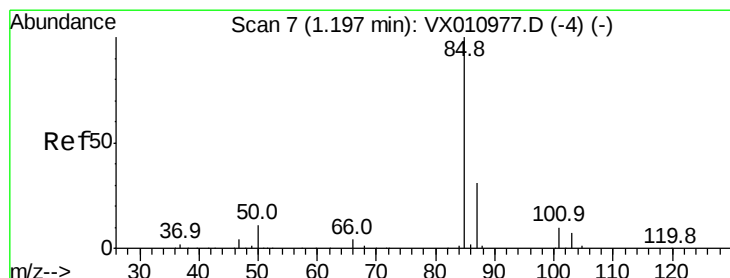
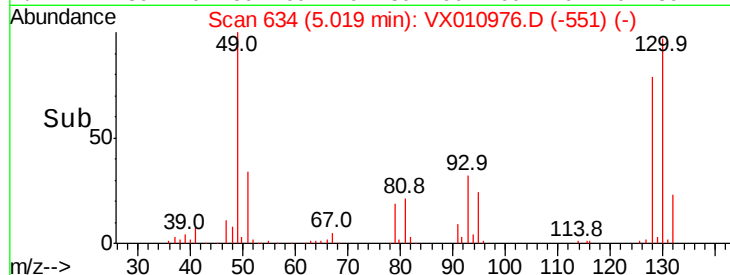
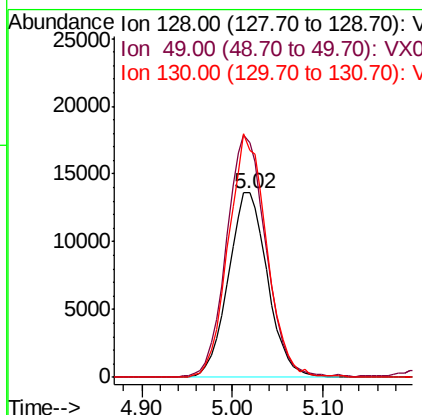
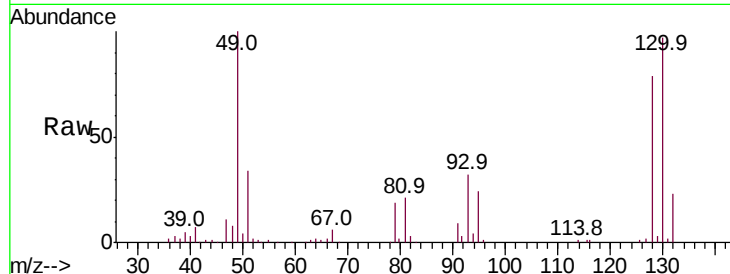
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	128	Resp:	40759
Ion	Ratio	Lower	Upper
128	100		
49	132.9	0.0	343.5
130	128.6	0.0	324.7

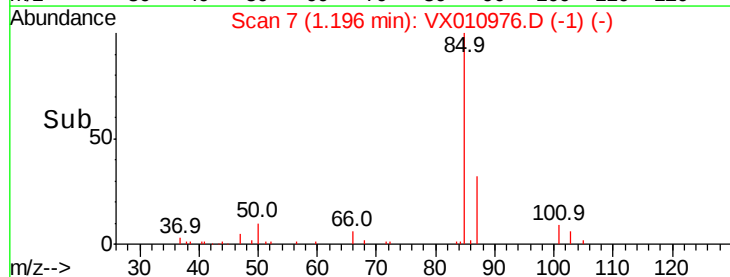
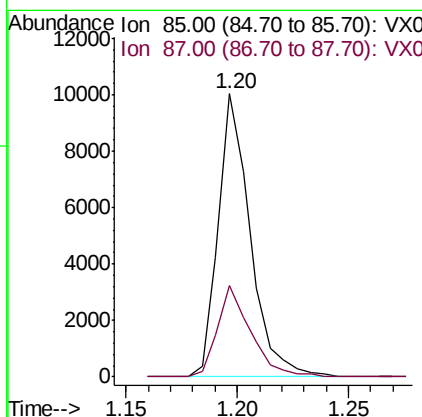
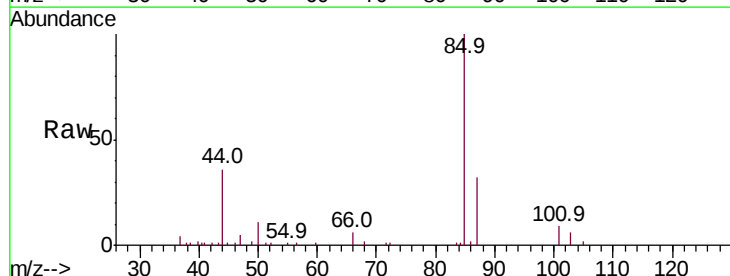
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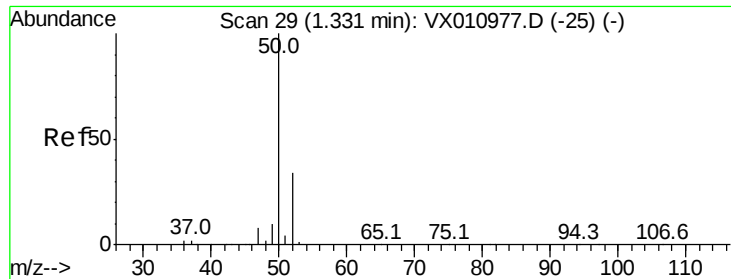
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#2
 Dichlorodifluoromethane
 Concen: 4.326 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion:	85	Resp:	9946
Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.4	46.1





#3

Chloromethane

Concen: 3.774 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 10697

Ion Ratio Lower Upper

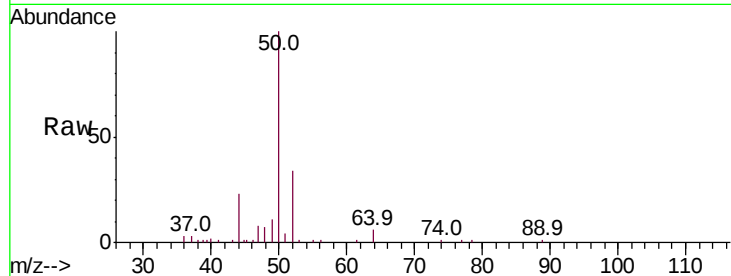
50 100

52 33.8 27.3 40.9

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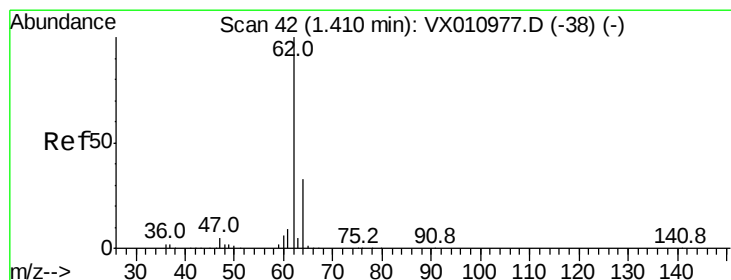
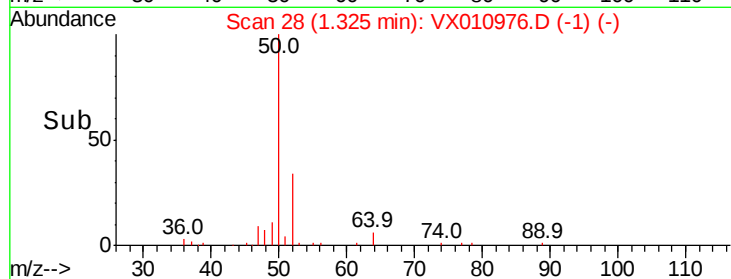
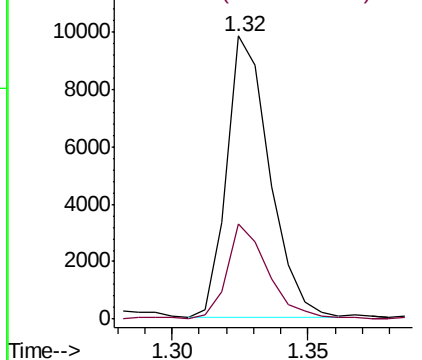
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 3.819 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010976.D

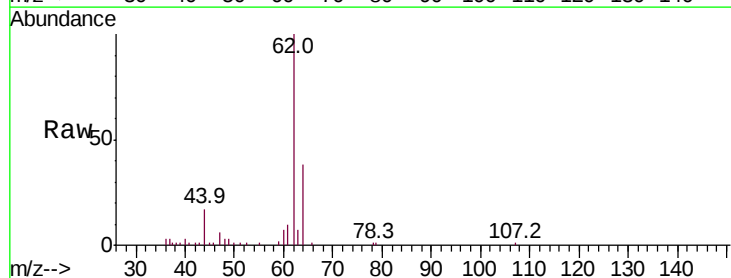
Acq: 18 Jul 2019 22:22

Tgt Ion: 62 Resp: 10826

Ion Ratio Lower Upper

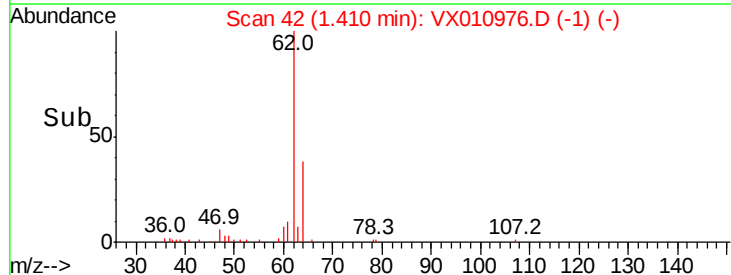
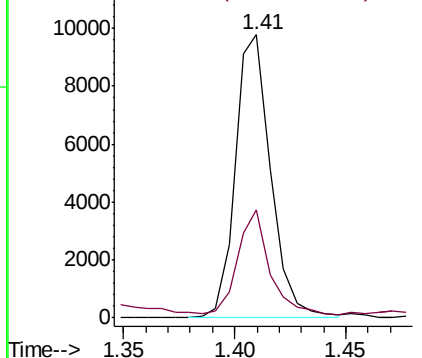
62 100

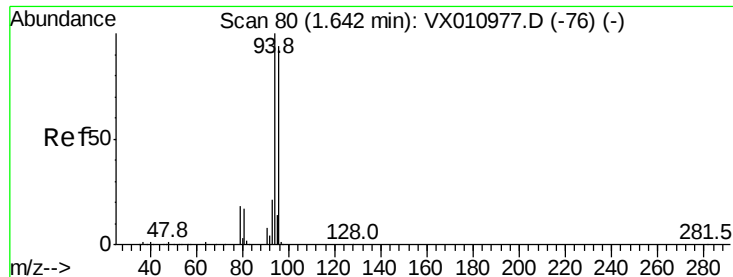
64 36.8 26.8 40.2



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 3.615 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 6613

Ion Ratio Lower Upper

94 100

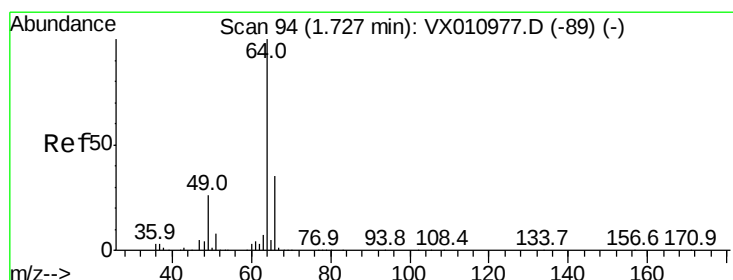
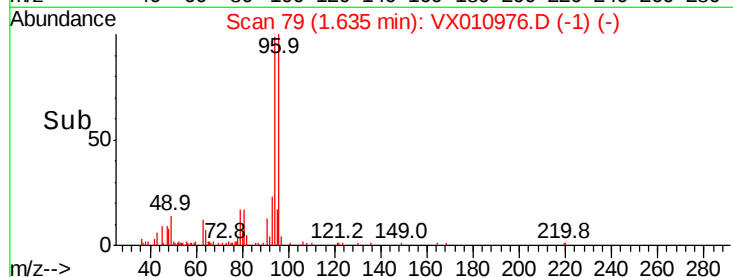
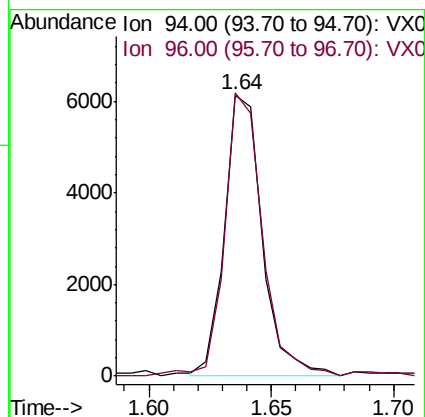
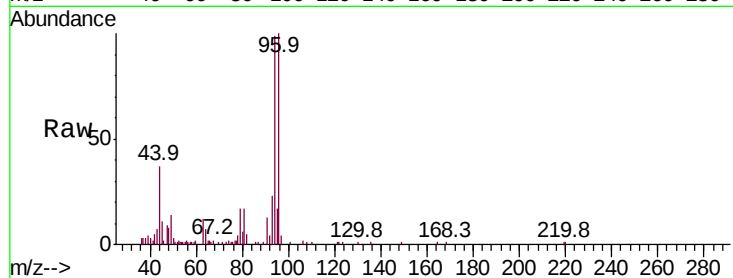
96 100.7 75.4 113.2

Manual Integrations

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#6

Chloroethane

Concen: 3.912 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.01 min

Lab File: VX010976.D

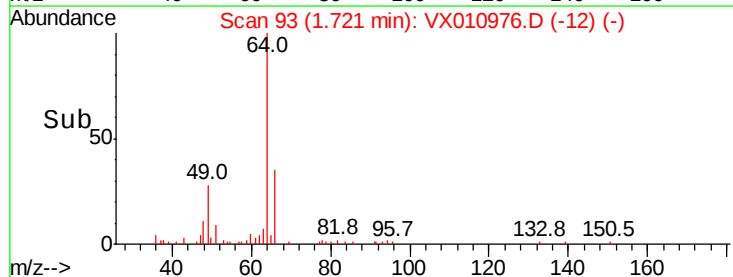
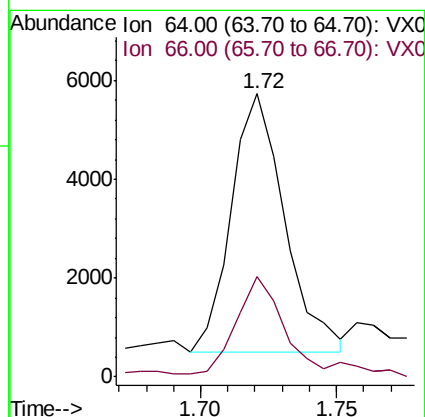
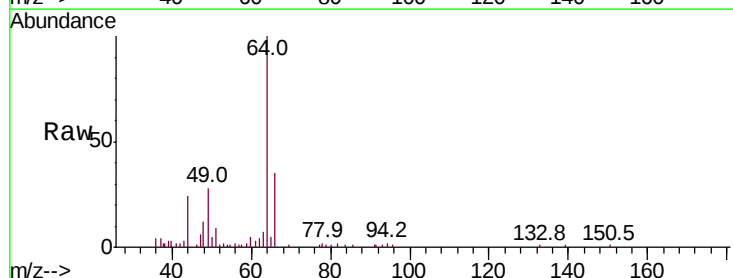
Acq: 18 Jul 2019 22:22

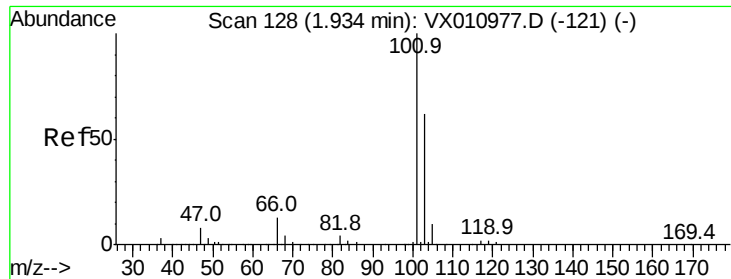
Tgt Ion: 64 Resp: 7110

Ion Ratio Lower Upper

64 100

66 37.6 28.1 42.1





#7

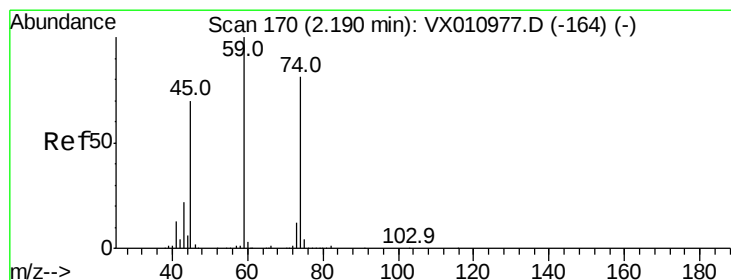
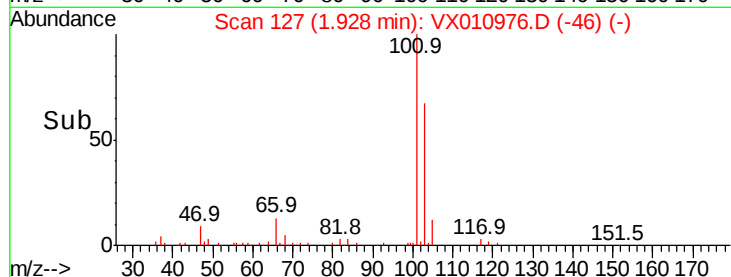
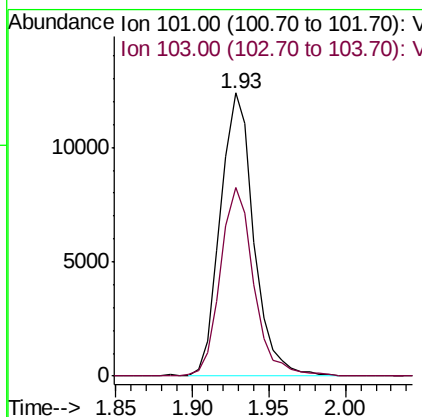
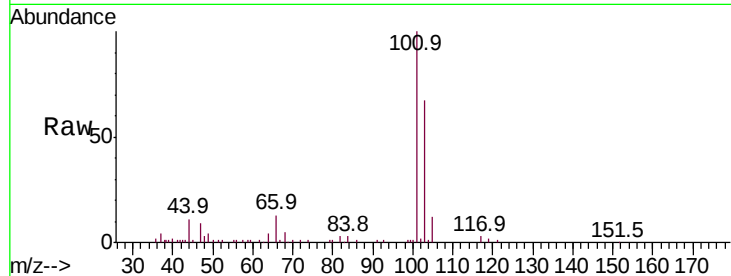
Trichlorofluoromethane
Concen: 5.062 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
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ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
101	100	18810		
103	66.6	49.6	74.4	

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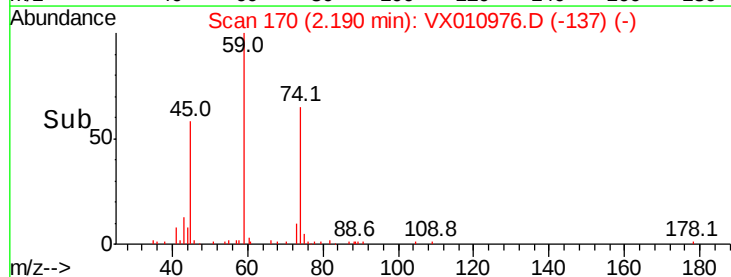
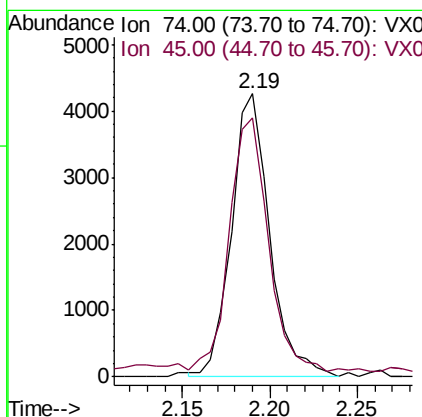
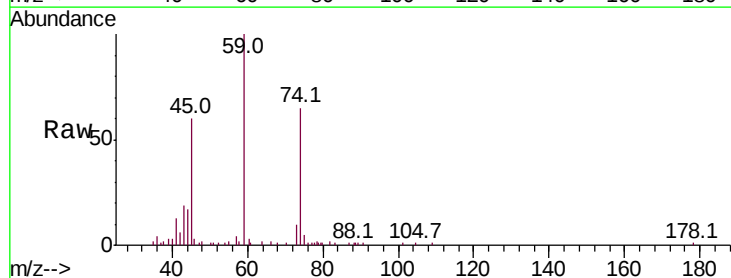
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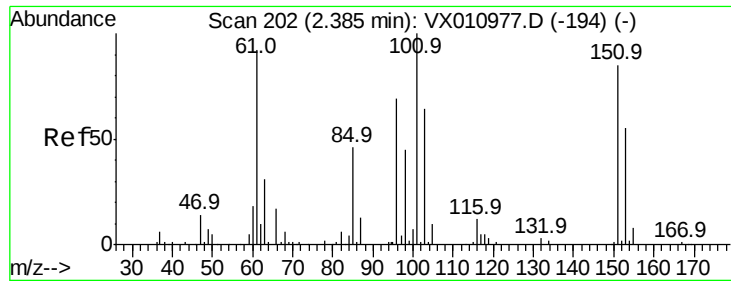


#8

Diethyl Ether
Concen: 4.015 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	6474		
45	97.0	18.3	164.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.716 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

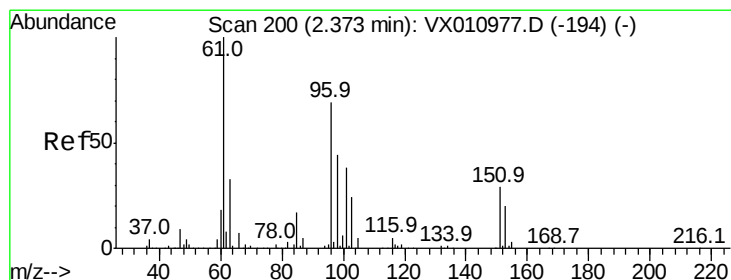
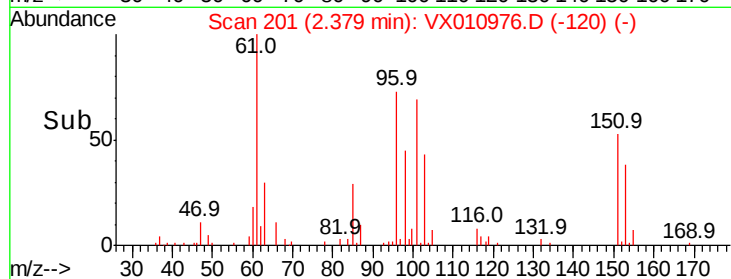
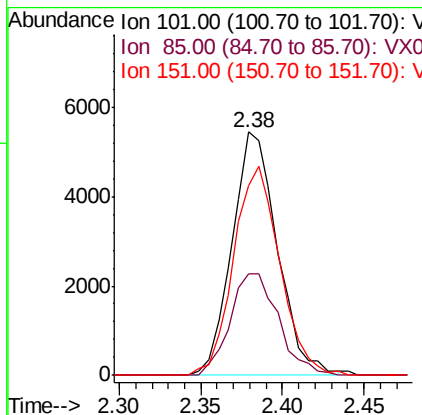
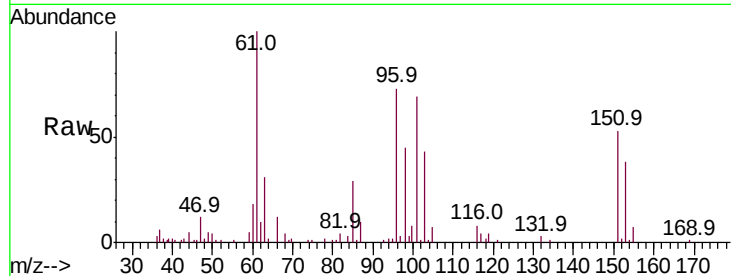
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	10553
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	89.8
151	87.4	0.0	172.2

Manual Integrations
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7/19/2019 9:56:22 AM



#10

1,1-Dichloroethene

Concen: 4.838 ug/l

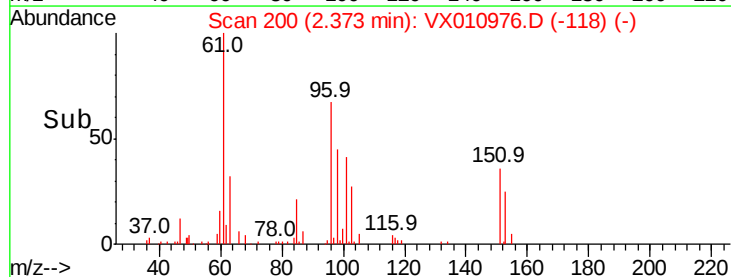
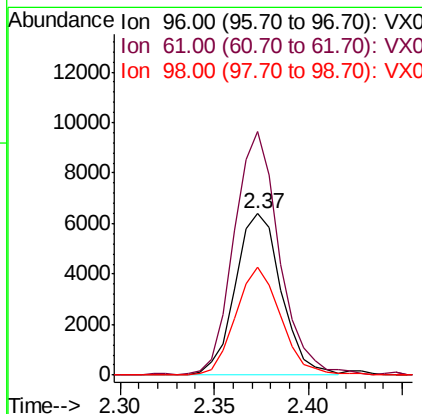
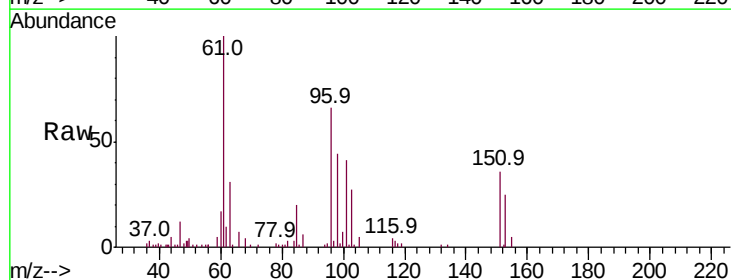
RT: 2.37 min Scan# 200

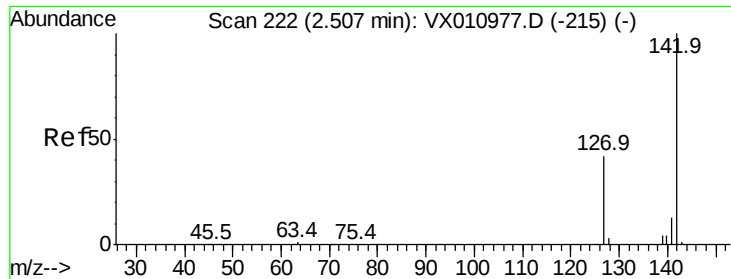
Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Tgt Ion:	96	Resp:	10883
Ion Ratio	Lower	Upper	
96	100		
61	149.9	115.9	173.9
98	66.9	50.6	75.8





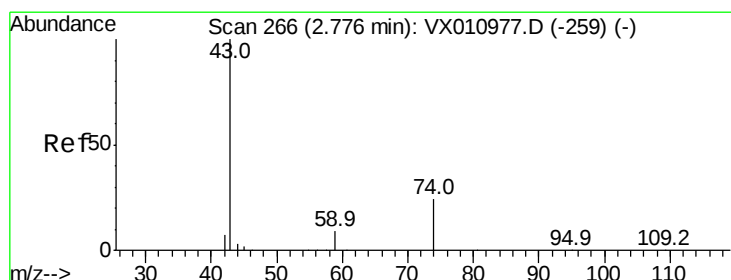
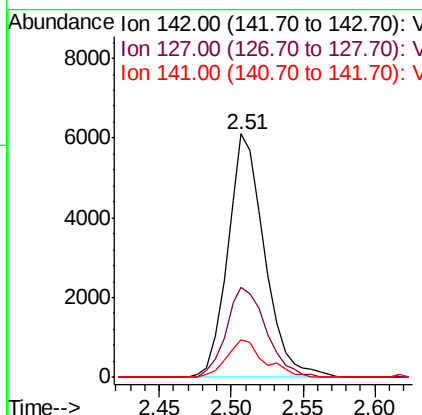
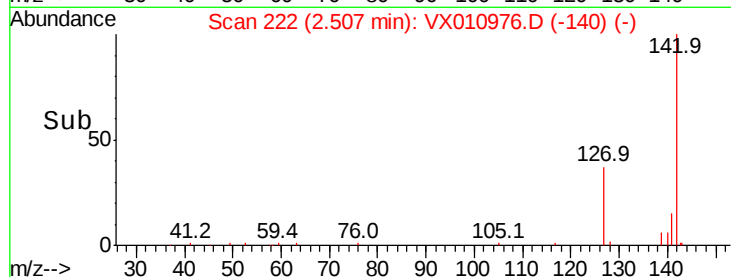
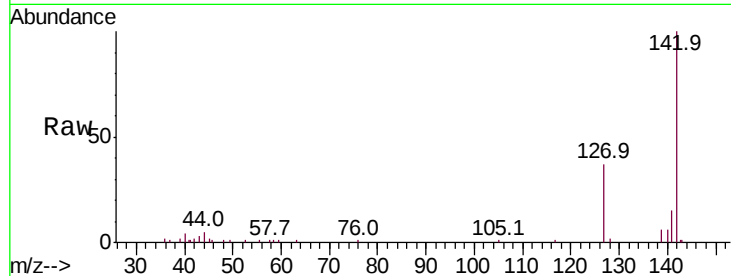
#11
Methyl Iodide
Concen: 4.276 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
142	100		
127	36.4	20.7	62.1
141	15.1	6.7	20.0

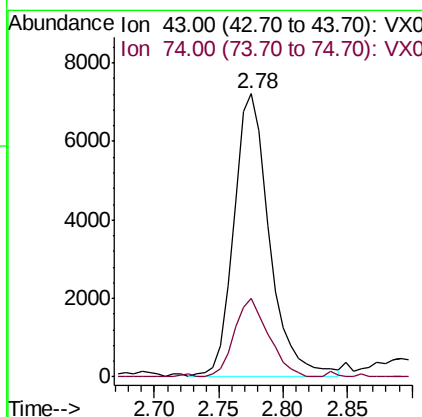
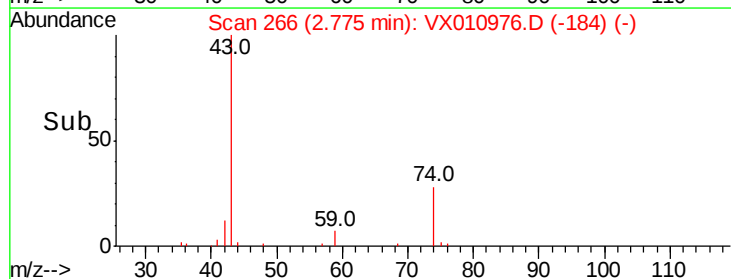
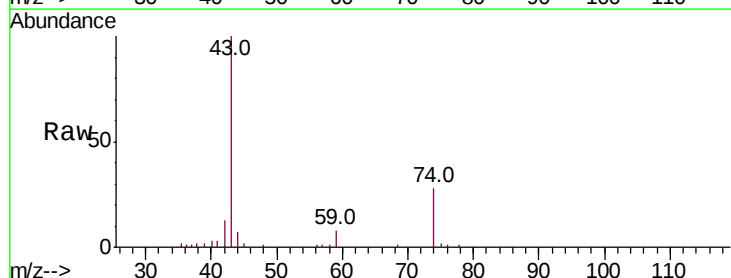
Manual Integrations
APPROVED

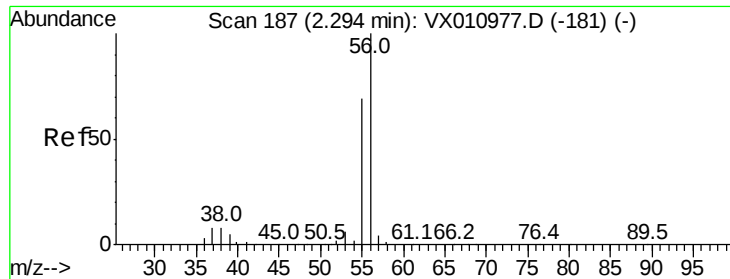
MMDadoda
7/19/2019 9:56:22 AM



#12
Methyl Acetate
Concen: 3.441 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	19.8	29.6





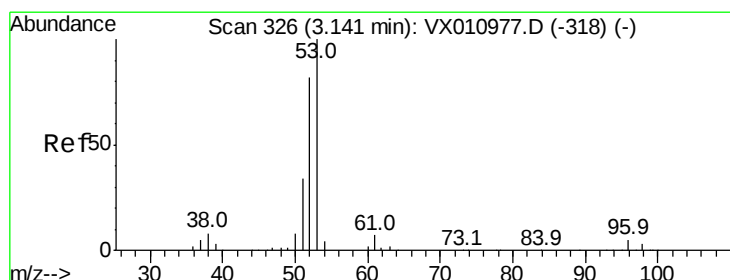
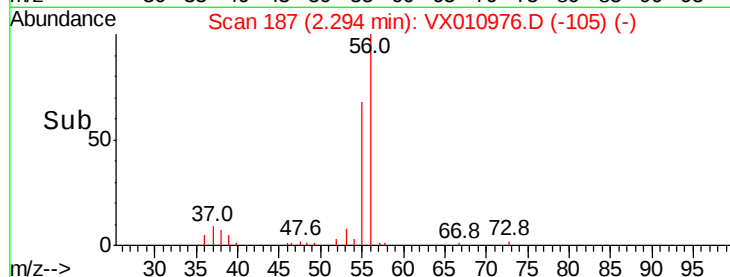
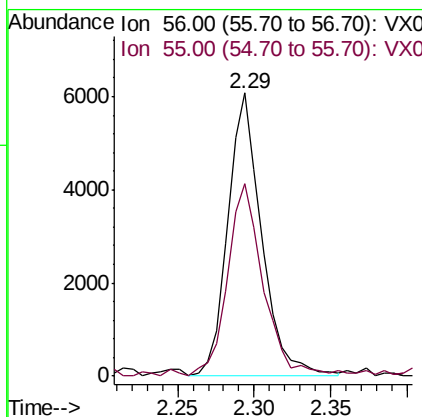
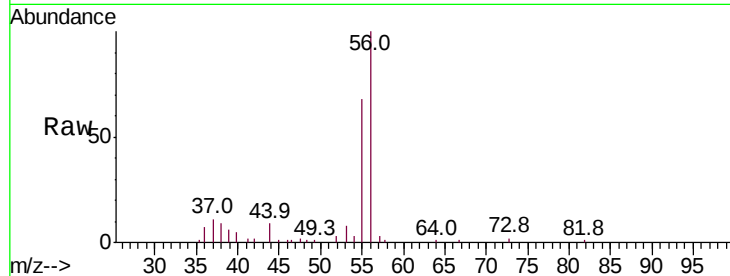
#13
Acrolein
Concen: 16.942 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	56.1	84.1

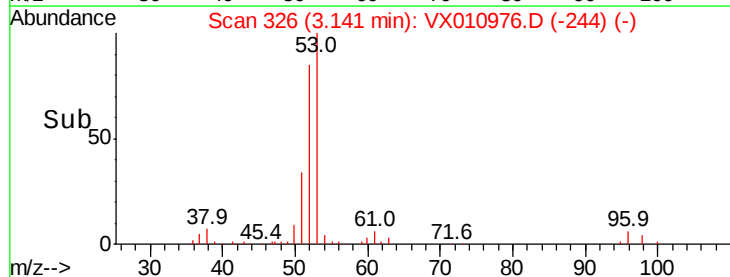
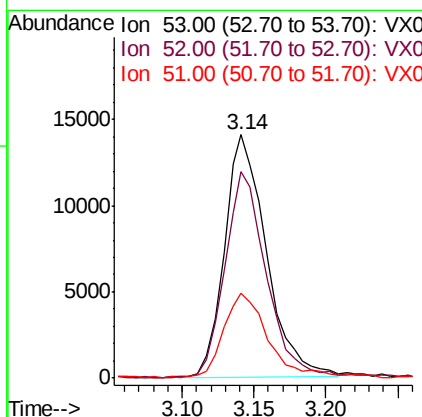
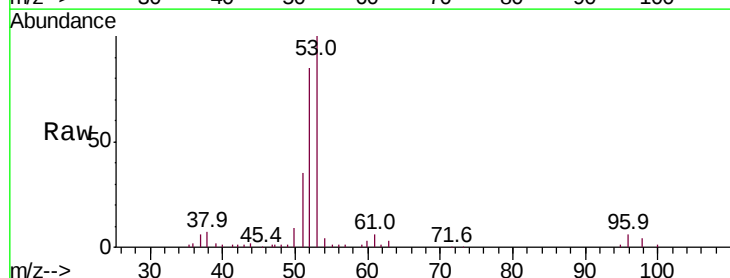
Manual Integrations
APPROVED

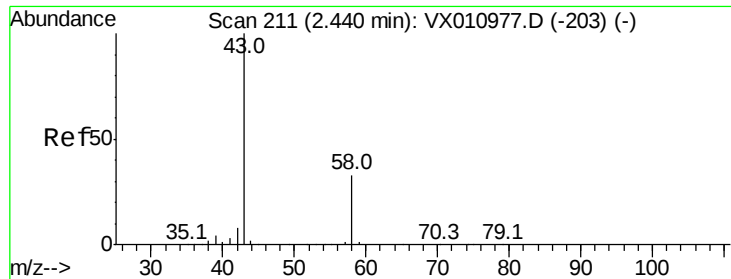
MMDadoda
7/19/2019 9:56:22 AM



#14
Acrylonitrile
Concen: 16.499 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.0	41.1	123.4
51	37.5	17.8	53.3





#15

Acetone

Concen: 16.784 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 58 Resp: 8216

Ion Ratio Lower Upper

58 100

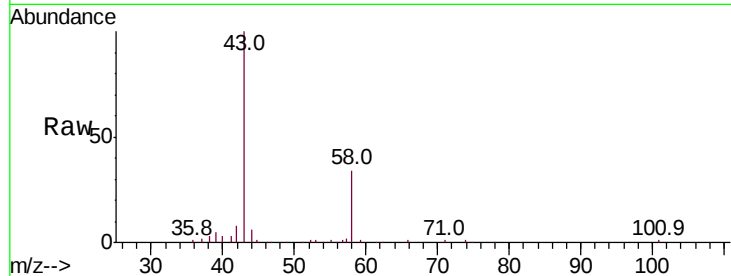
43 296.1 243.8 365.6

Manual Integrations

APPROVED

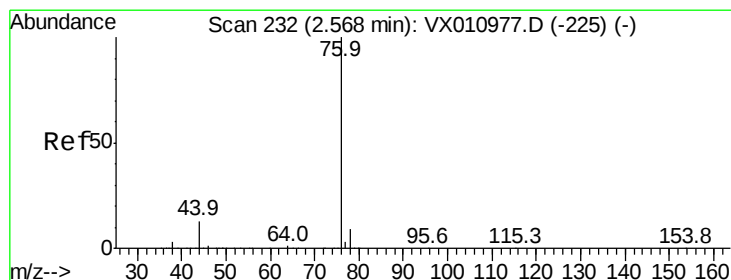
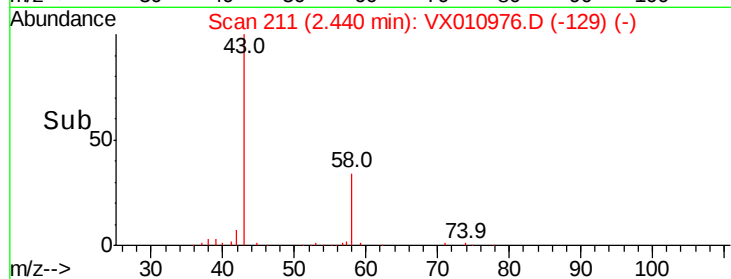
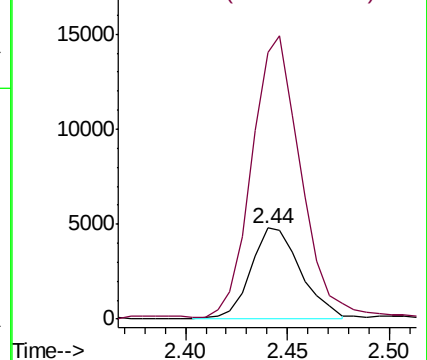
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.126 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010976.D

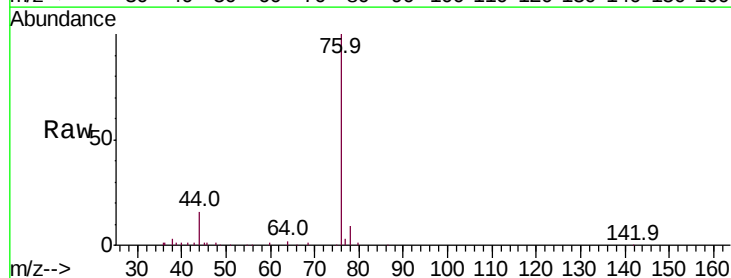
Acq: 18 Jul 2019 22:22

Tgt Ion: 76 Resp: 24683

Ion Ratio Lower Upper

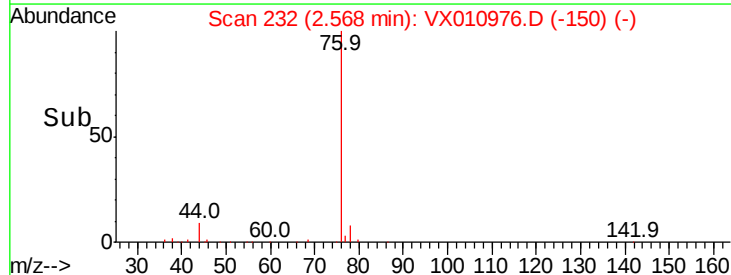
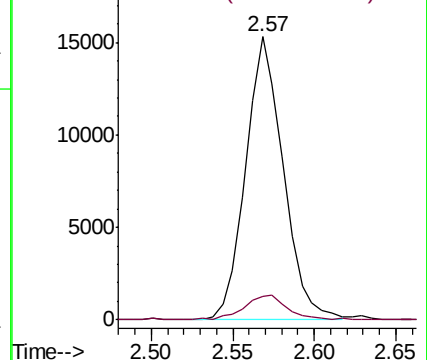
76 100

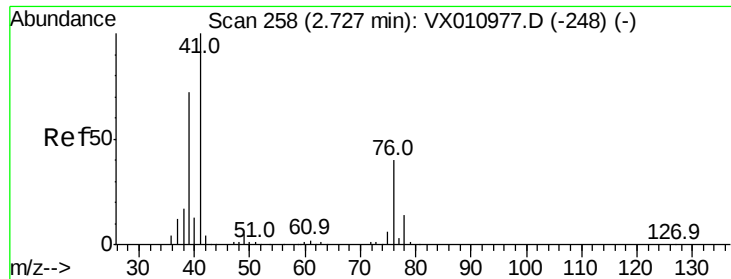
78 8.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





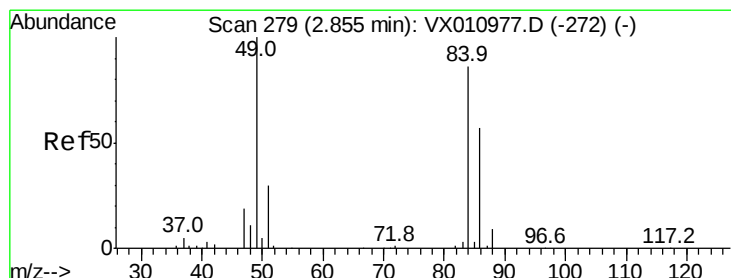
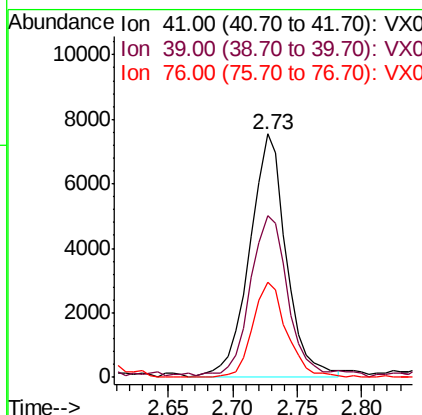
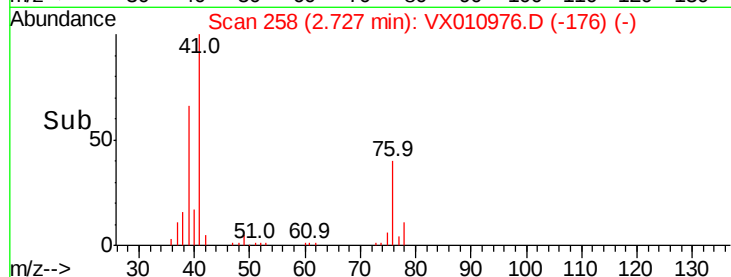
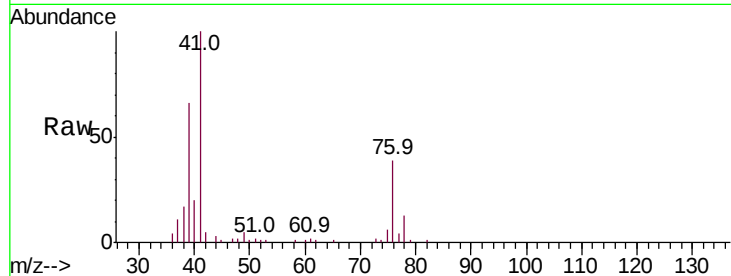
#17
Allvl chloride
Concen: 3.005 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.7	36.1	108.3
76	39.1	20.2	60.5

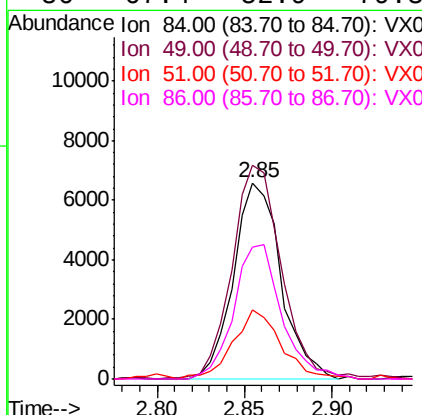
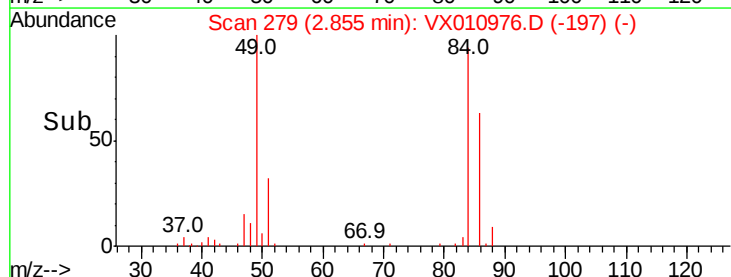
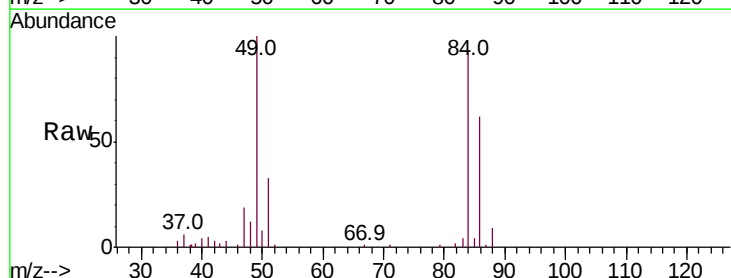
Manual Integrations
APPROVED

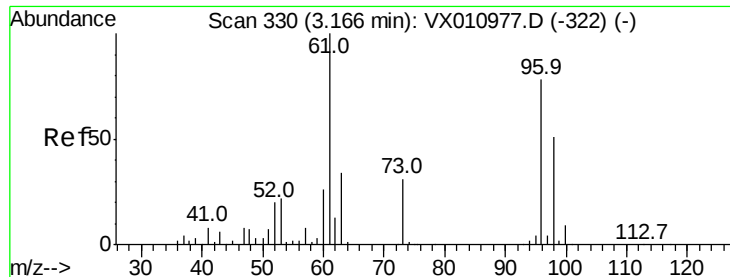
MMDadoda
7/19/2019 9:56:22 AM



#18
Methylene Chloride
Concen: 4.650 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.4	93.2	139.8
51	34.4	28.6	42.8
86	67.4	52.9	79.3





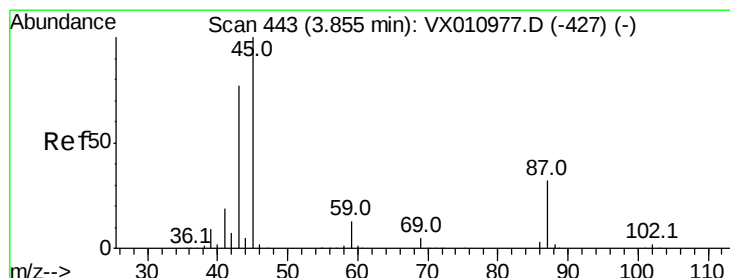
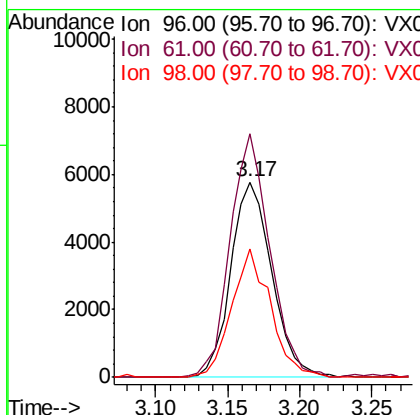
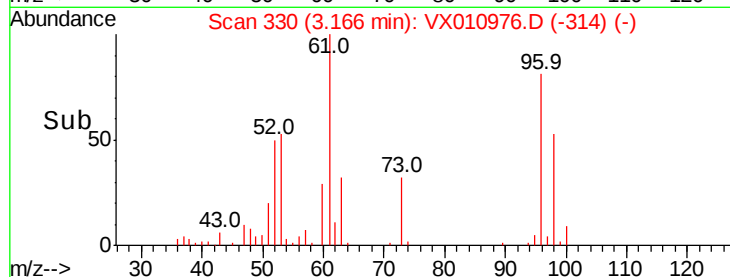
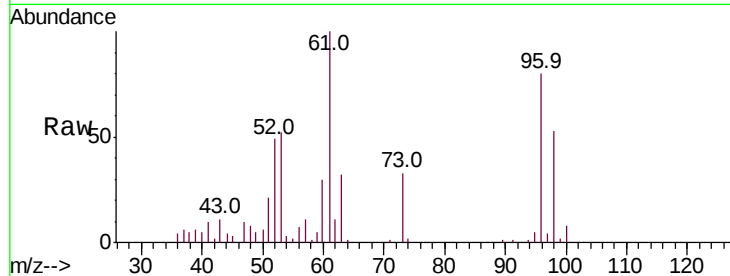
#19
trans-1,2-Dichloroethene
Concen: 4.777 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.7	102.2	153.4
98	65.8	52.2	78.2

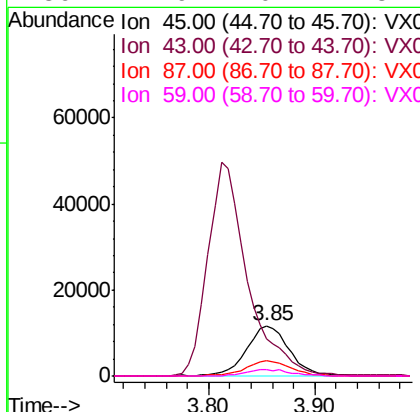
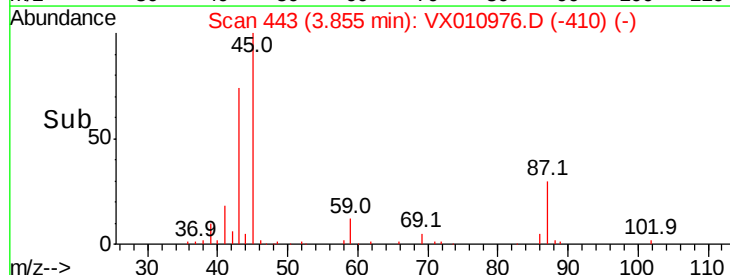
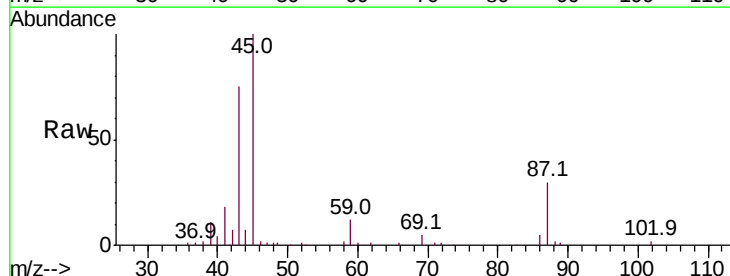
Manual Integrations
APPROVED

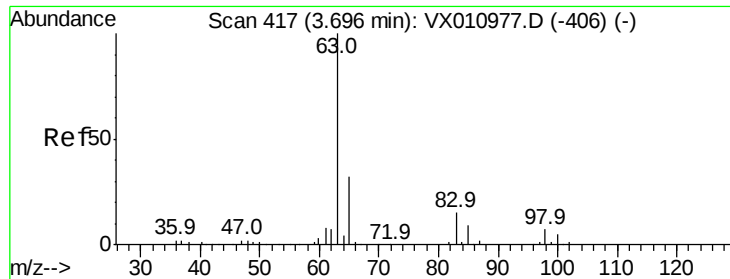
MMDadoda
7/19/2019 9:56:22 AM



#20
Diisopropyl ether
Concen: 3.324 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.9	61.5	92.3
87	30.3	25.4	38.2
59	11.9	10.2	15.2





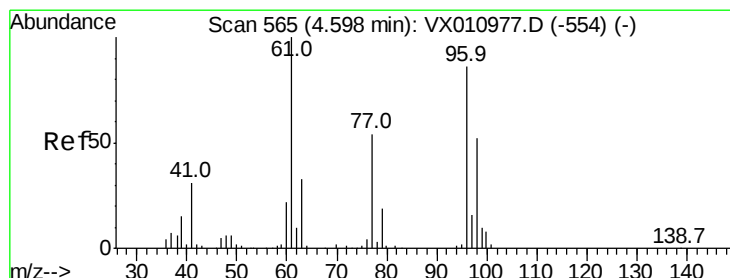
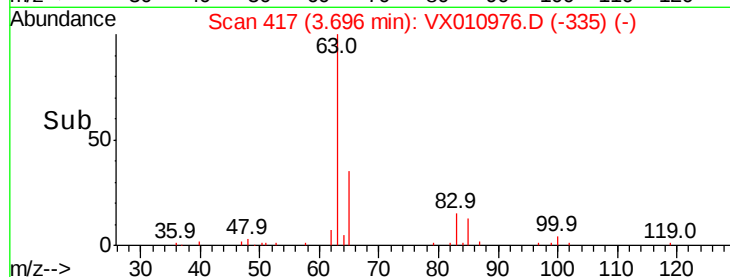
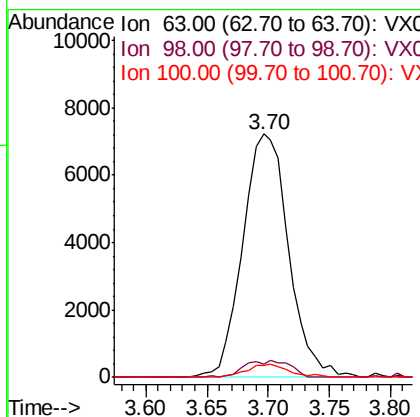
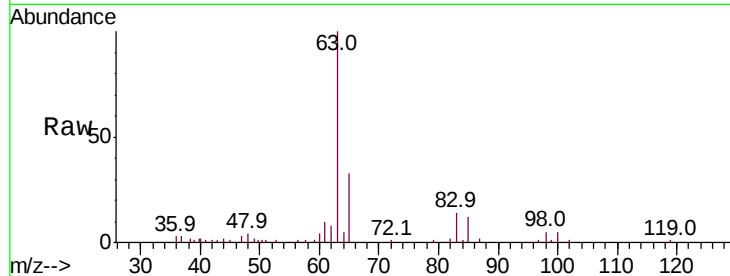
#21
1,1-Dichloroethane
Concen: 3.835 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.8	11.2
100	5.0	2.5	7.4

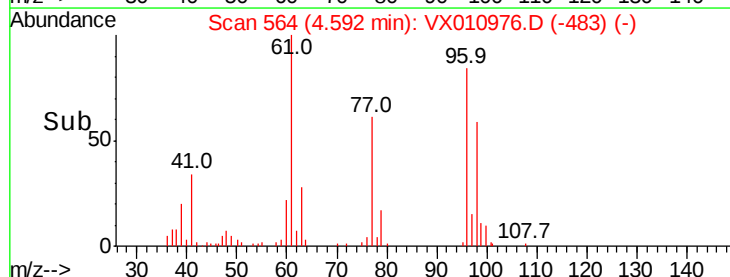
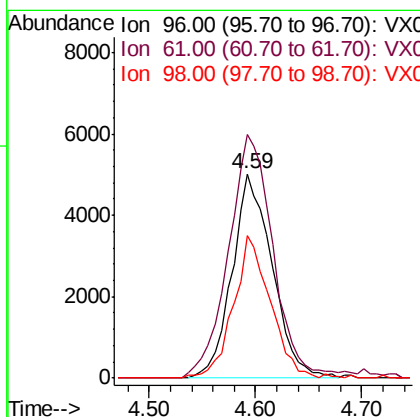
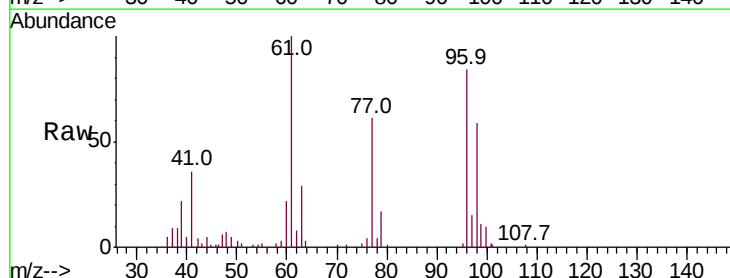
Manual Integrations
APPROVED

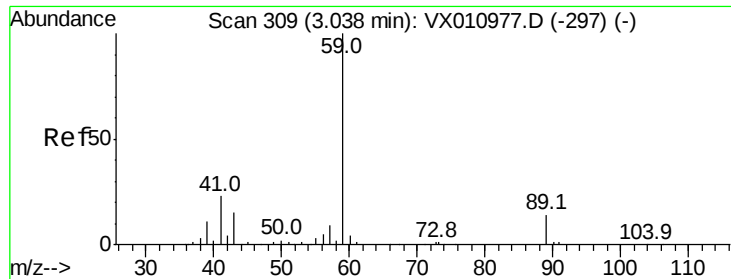
MMDadoda
7/19/2019 9:56:22 AM



#22
cis-1,2-Dichloroethene
Concen: 4.645 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.1	102.9	154.3
98	63.9	50.9	76.3





#23

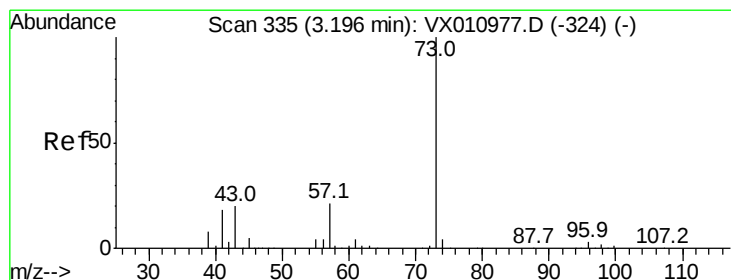
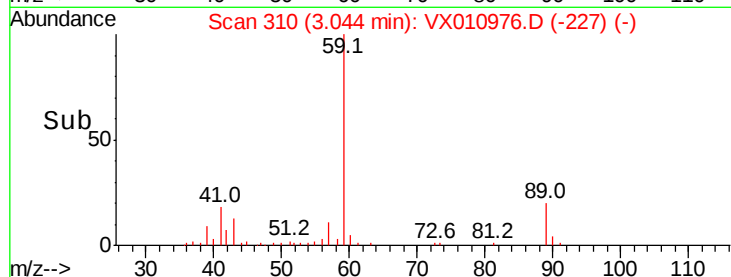
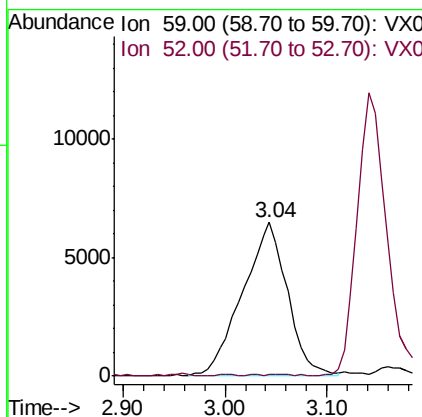
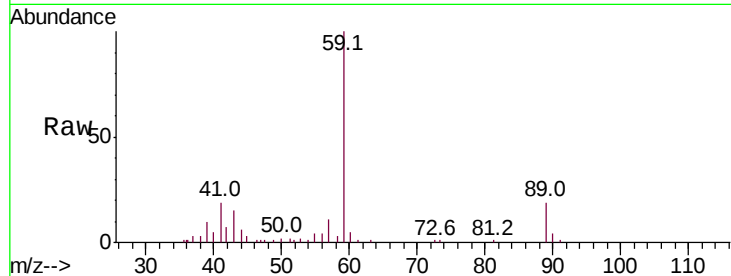
tert-Butyl Alcohol
 Concen: 26.379 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion: 59 Resp: 19893
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.2 0.4#

Manual Integrations
 APPROVED

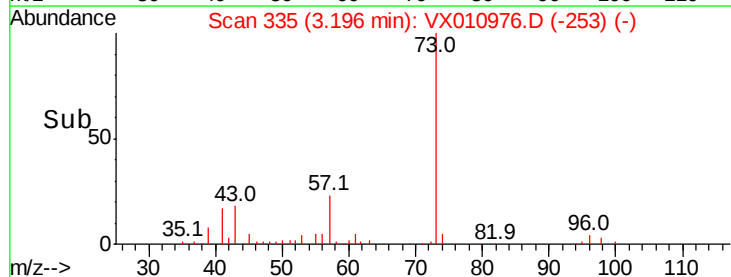
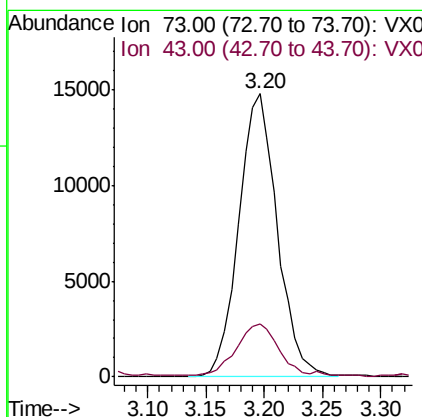
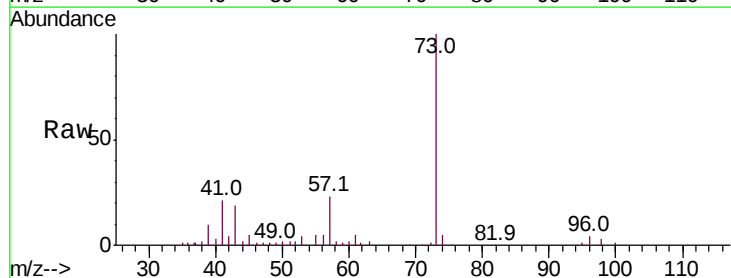
MMDadoda
 7/19/2019 9:56:22 AM

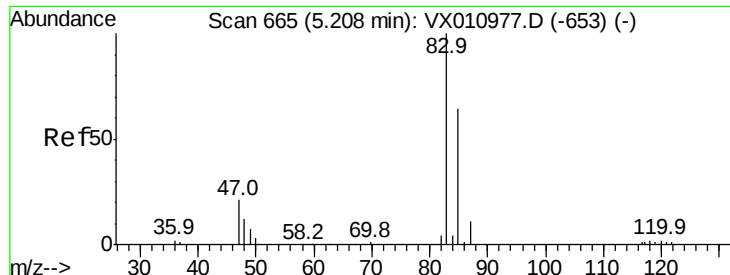


#24

Methyl tert-Butyl Ether
 Concen: 4.024 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 73 Resp: 34163
 Ion Ratio Lower Upper
 73 100
 43 20.0 15.8 23.6





#25

Chloroform

Concen: 4.578 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 21060

Ion Ratio Lower Upper

83 100

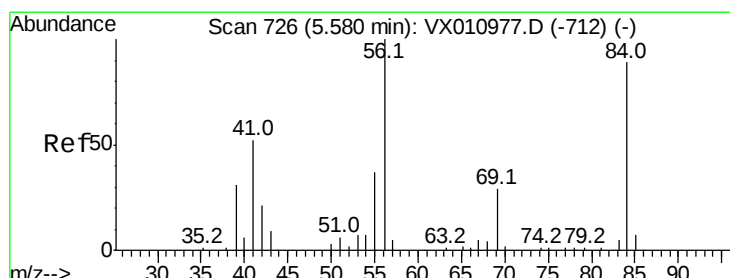
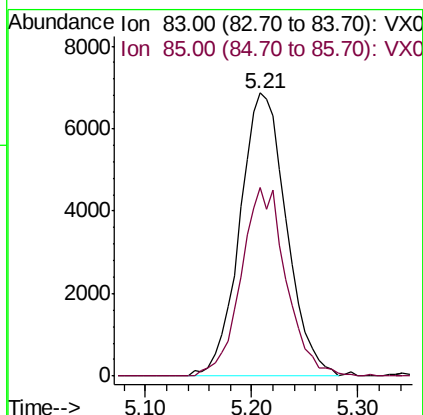
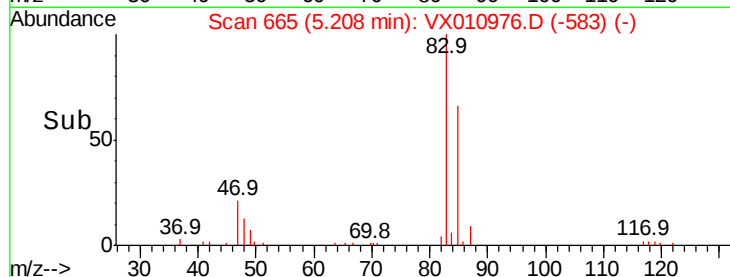
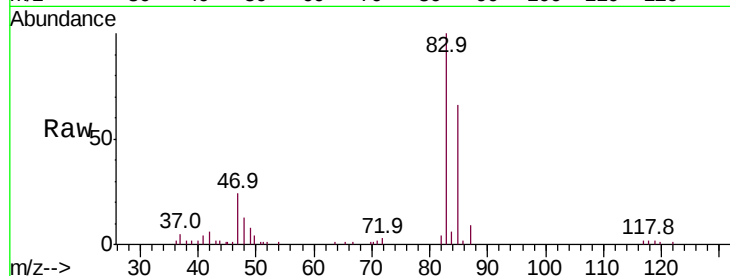
85 66.5 50.9 76.3

Manual Integrations

APPROVED

MMDadoda

7/19/2019 9:56:22 AM



#26

Cyclohexane

Concen: 3.929 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

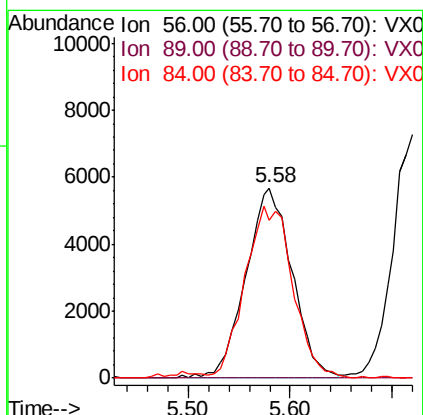
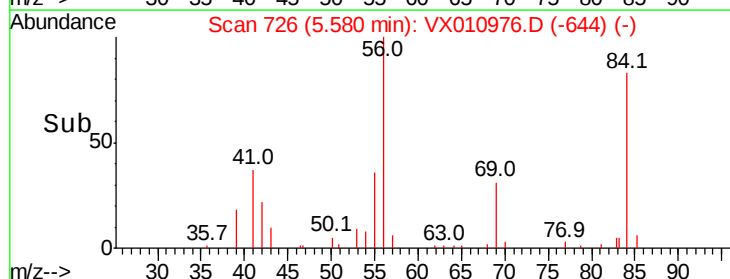
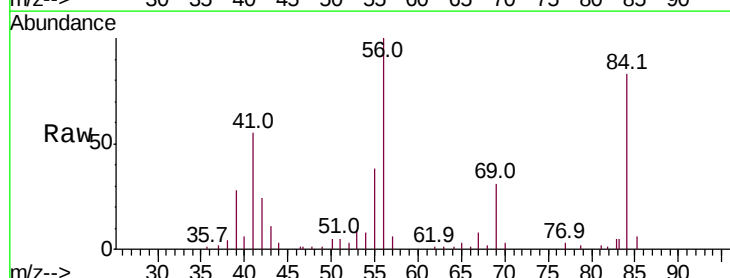
Tgt Ion: 56 Resp: 17849

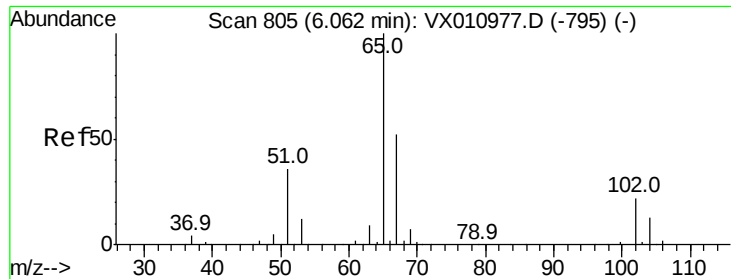
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 50.4 73.0 109.4#





#27

1,2-Dichloroethane-d4

Concen: 24.812 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 80722

Ion Ratio Lower Upper

65 100

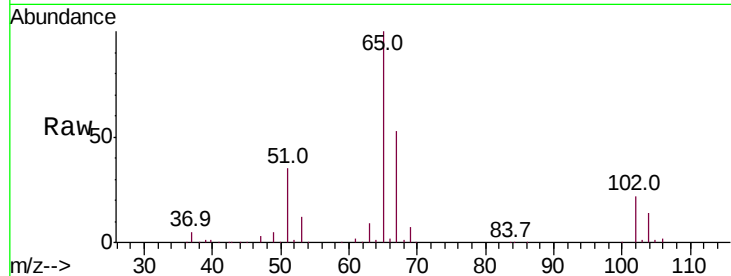
67 52.7 41.7 62.5

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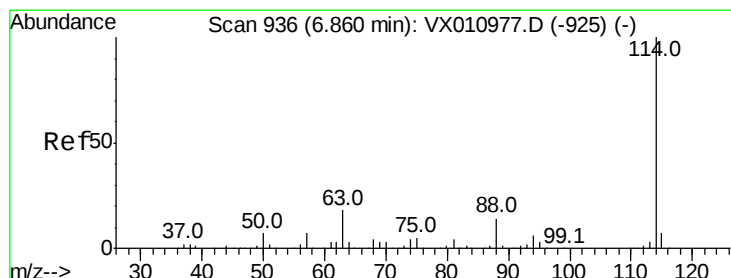
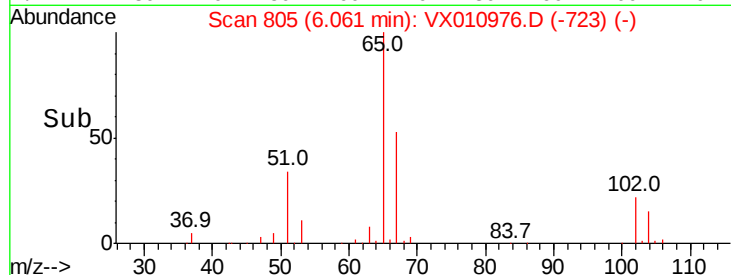
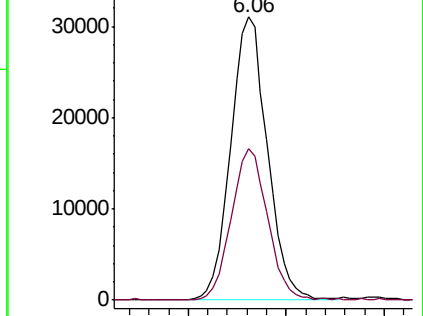
MMDadoda

7/19/2019 9:56:22 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

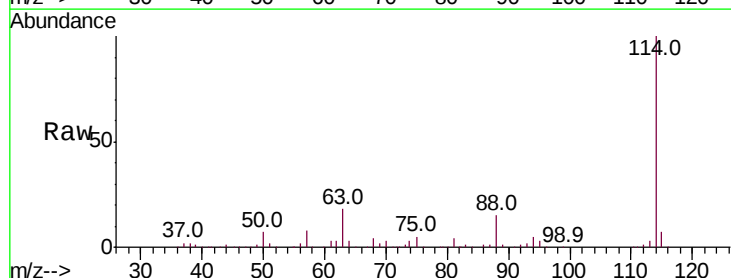
Tgt Ion: 114 Resp: 221910

Ion Ratio Lower Upper

114 100

63 17.8 14.6 22.0

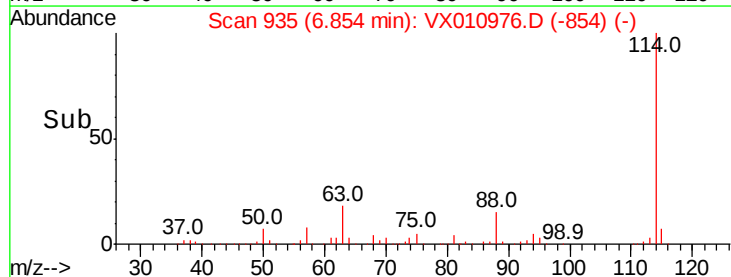
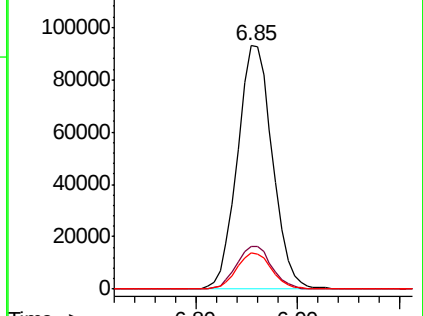
88 14.8 11.8 17.8

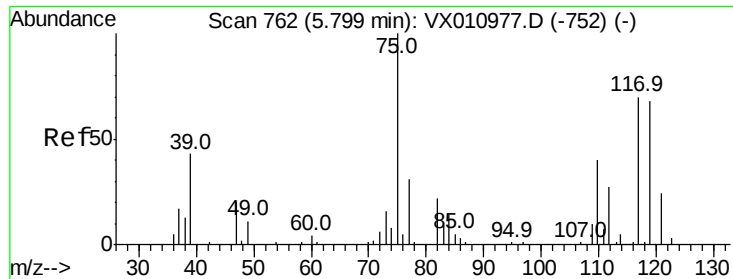


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





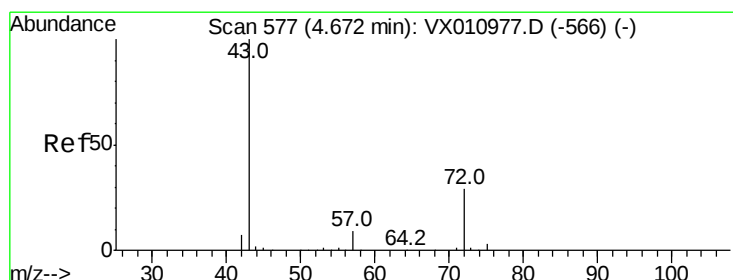
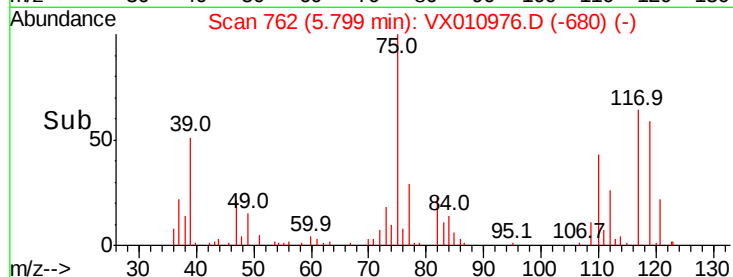
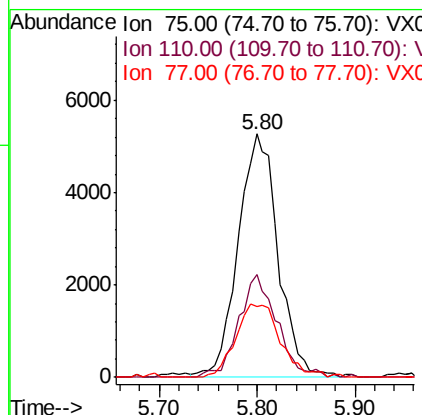
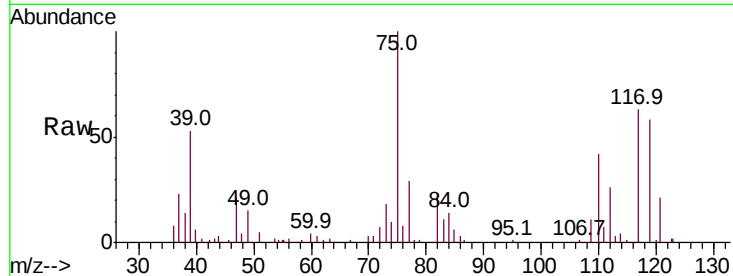
#29
 1,1-Dichloropropene
 Concen: 4.606 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.8	0.0	79.8
77	17.5	0.0	62.2

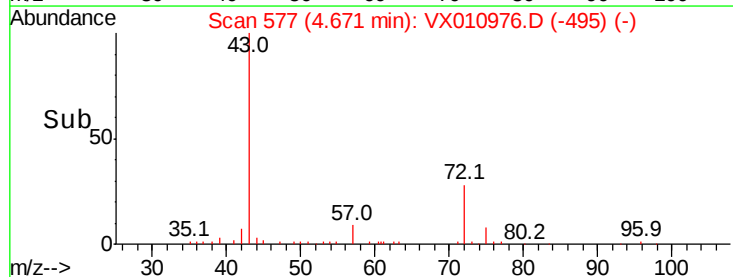
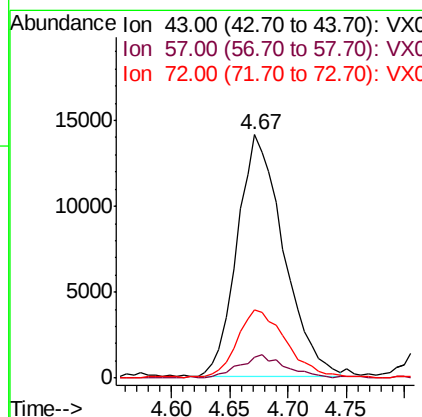
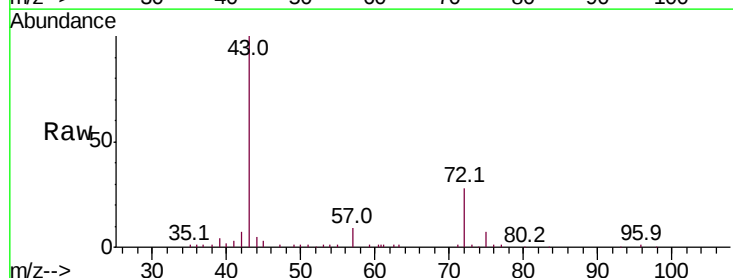
Manual Integrations
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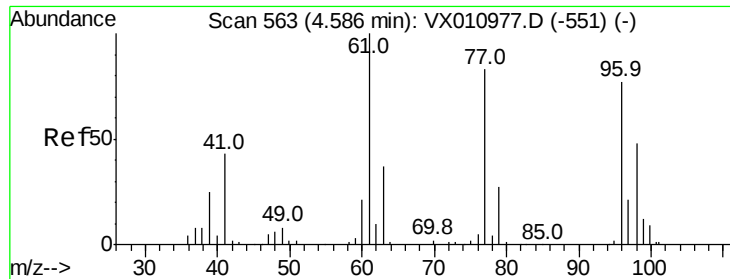
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 7/19/2019 9:56:22 AM



#30
 2-Butanone
 Concen: 16.356 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.7	6.8	10.2
72	30.1	23.2	34.8





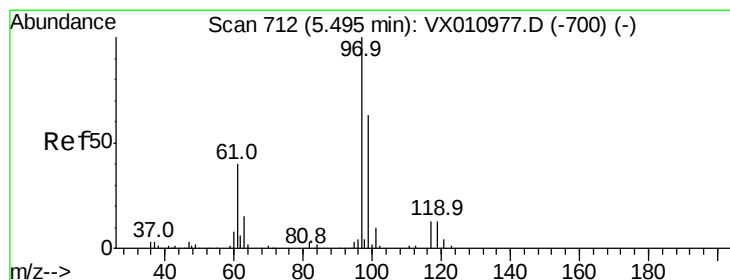
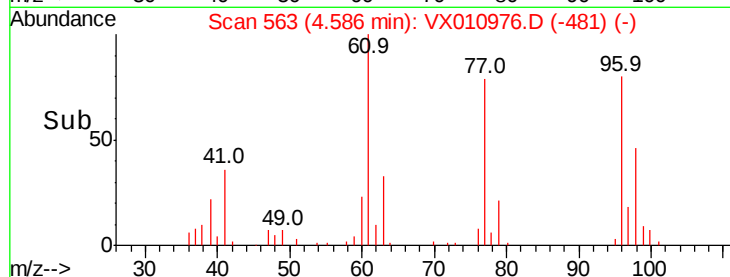
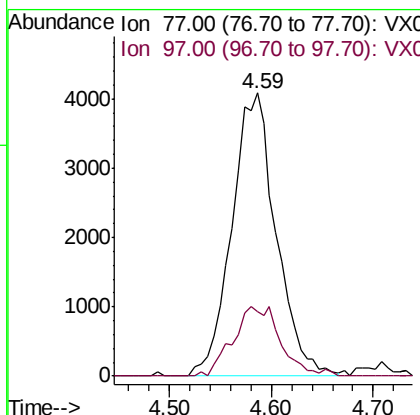
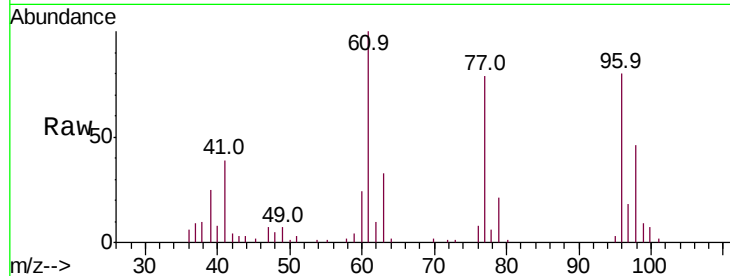
#31
 2,2-Dichloropropane
 Concen: 3.620 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 77 Resp: 12321
 Ion Ratio Lower Upper
 77 100
 97 17.1 20.9 31.3#

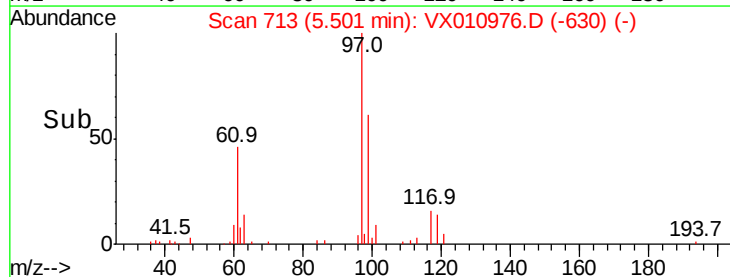
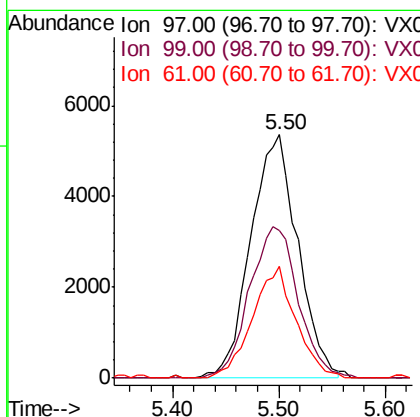
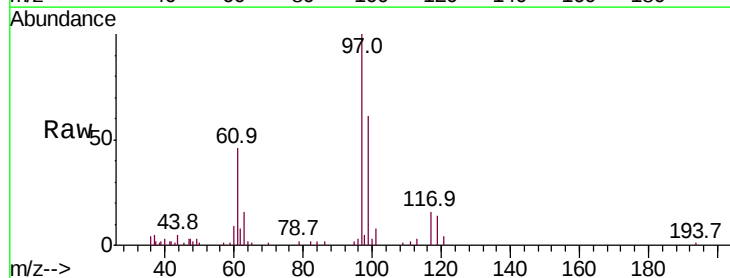
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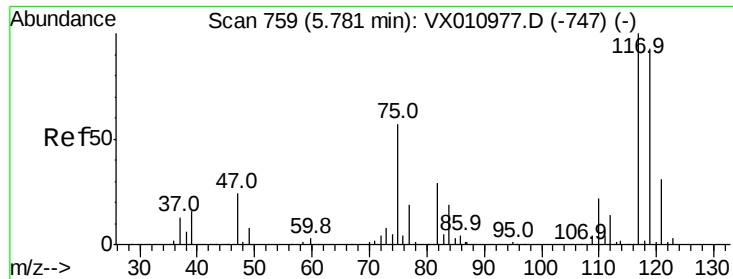
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#32
 1,1,1-Trichloroethane
 Concen: 4.637 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 97 Resp: 16562
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.0 76.6
 61 42.4 34.3 51.5





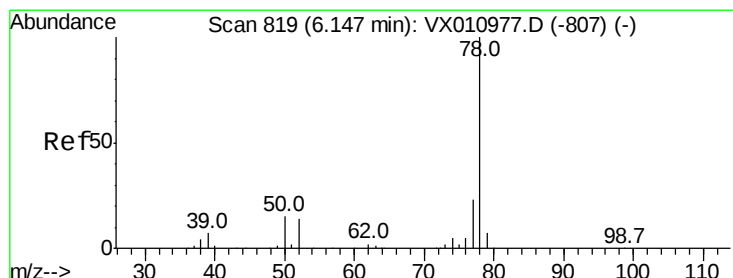
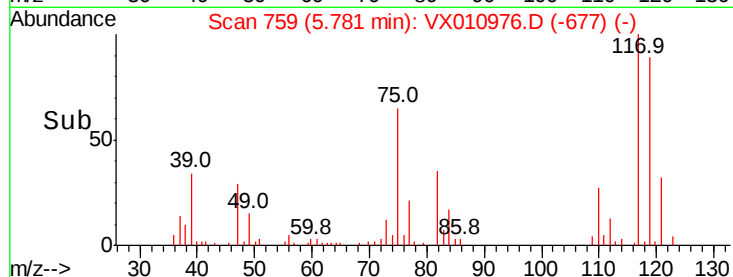
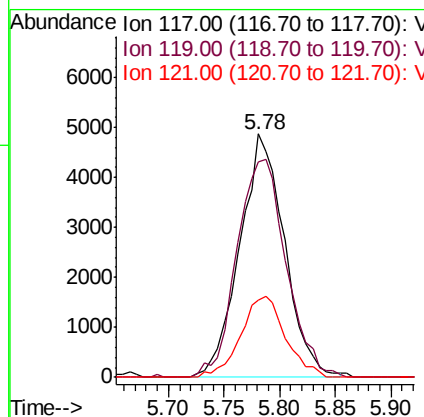
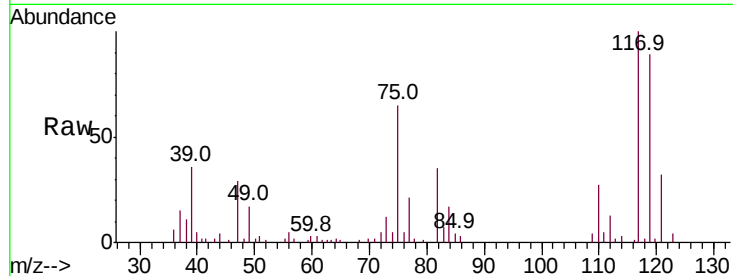
#33
Carbon Tetrachloride
Concen: 4.563 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	117	Resp:	13620
Ion	Ratio	Lower	Upper
117	100		
119	88.5	74.3	111.5
121	31.7	24.9	37.3

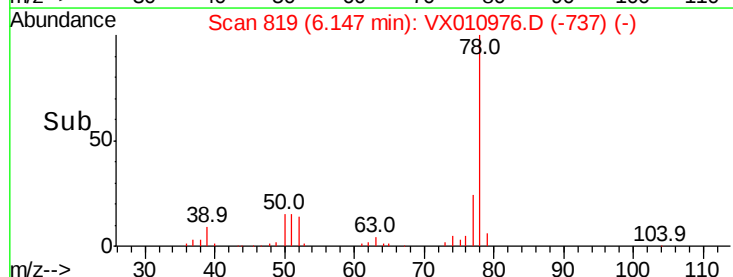
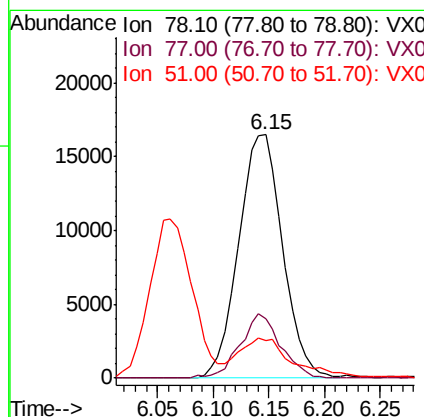
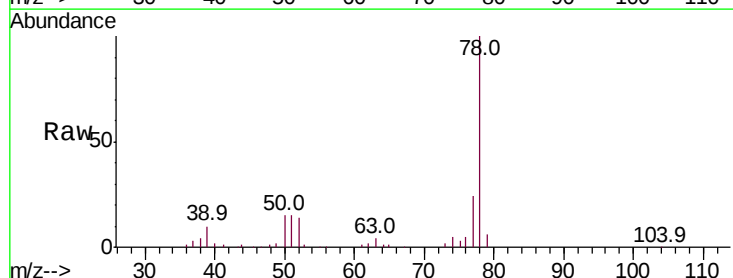
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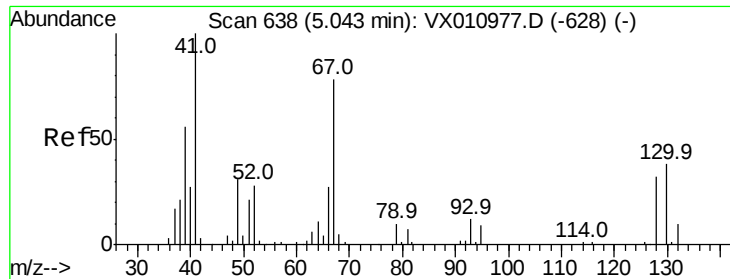
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#34
Benzene
Concen: 4.583 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:	78	Resp:	45350
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.2	27.4
51	13.1	11.4	17.2





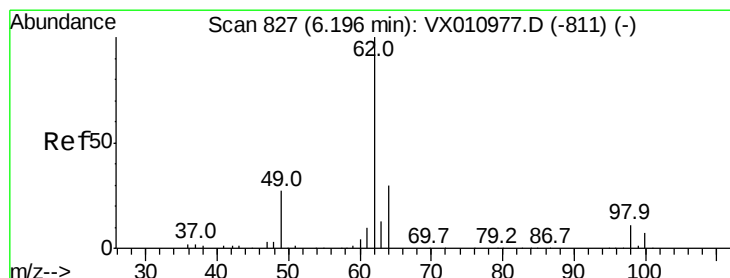
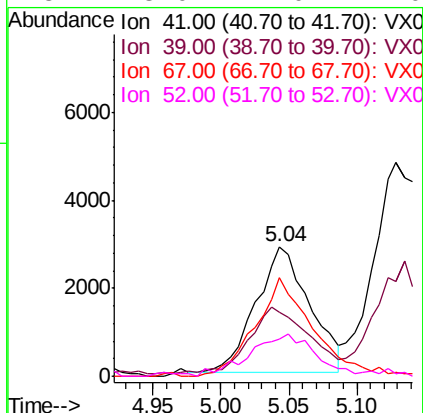
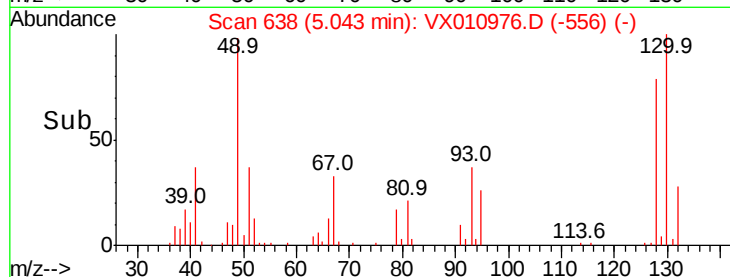
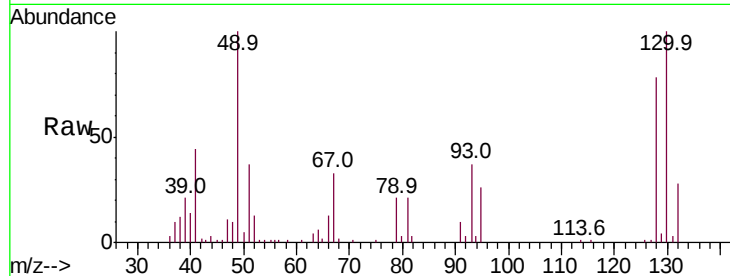
#35
Methacrylonitrile
Concen: 3.200 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	7914
Ion Ratio	Lower	Upper	
41	100		
39	46.9	27.6	82.8
67	76.5	39.1	117.2
52	28.0	14.0	42.0

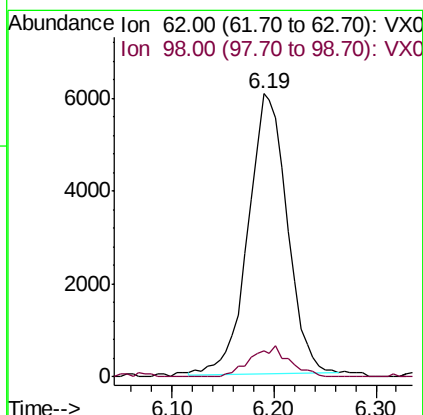
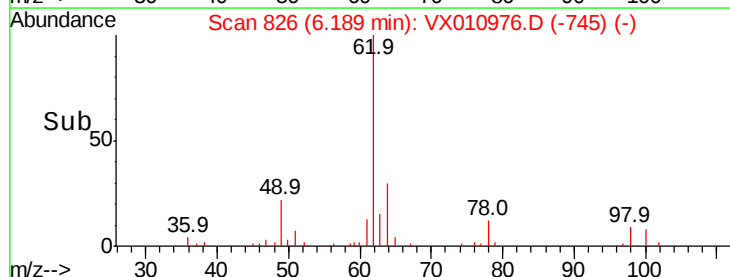
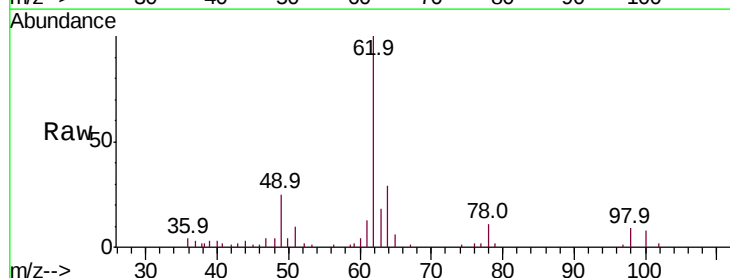
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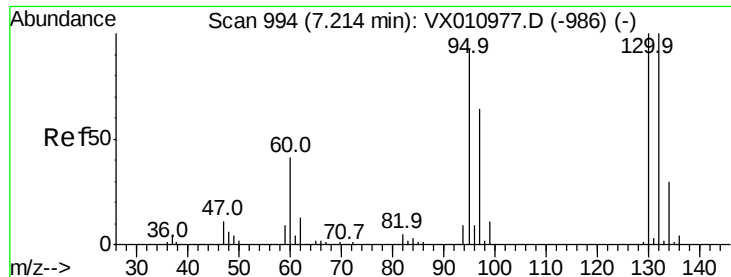
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#36
1,2-Dichloroethane
Concen: 4.531 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:	62	Resp:	16155
Ion Ratio	Lower	Upper	
62	100		
98	5.9	8.0	12.0#





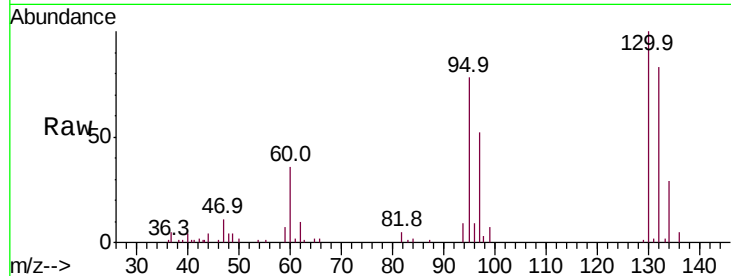
#37
 Trichloroethene
 Concen: 5.391 ug/l
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

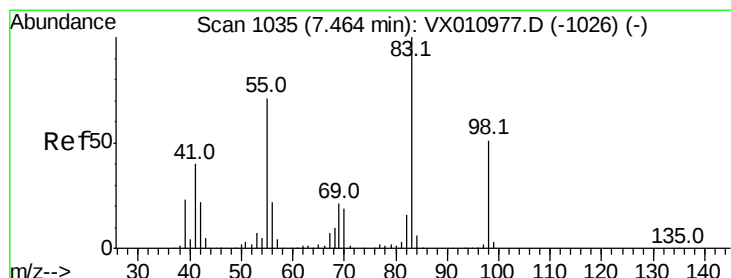
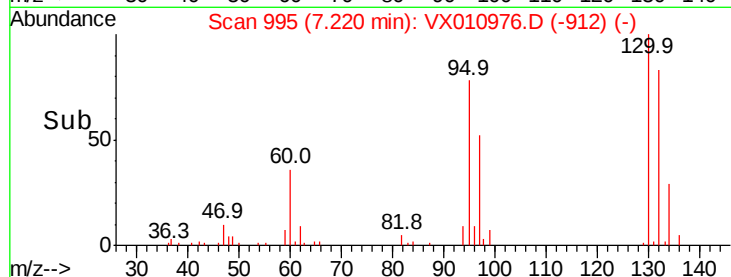
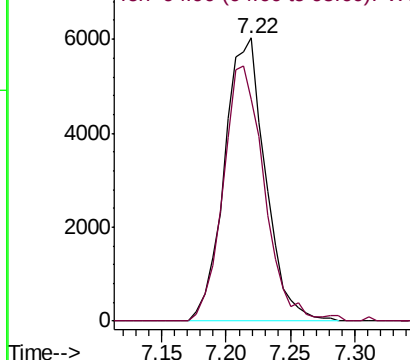
Tot Ion:130 Resp: 13369
 Ion Ratio Lower Upper
 130 100
 95 78.2 74.1 111.1

Manual Integrations
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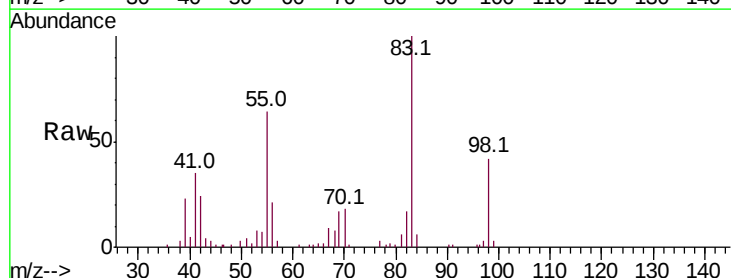


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

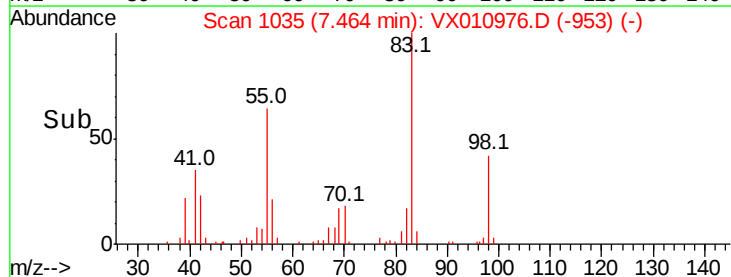
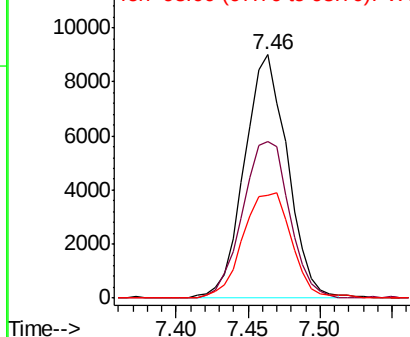


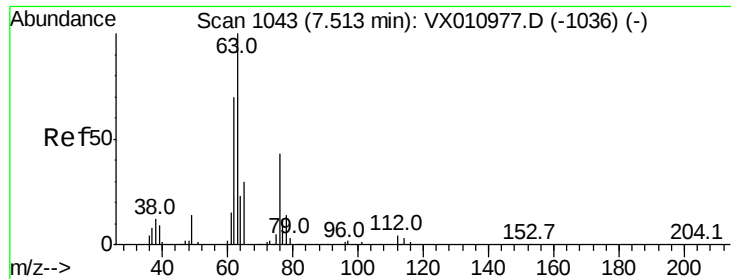
#38
 Methylcyclohexane
 Concen: 4.666 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion: 83 Resp: 18710
 Ion Ratio Lower Upper
 83 100
 55 69.8 35.3 105.9
 98 48.3 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





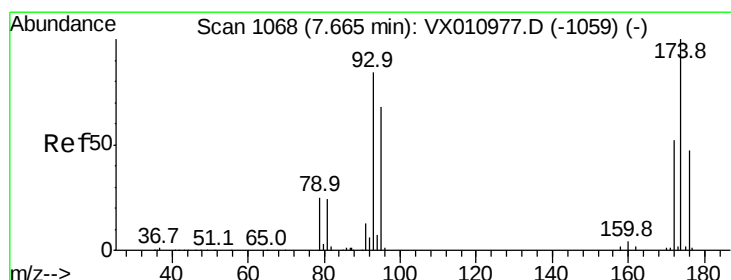
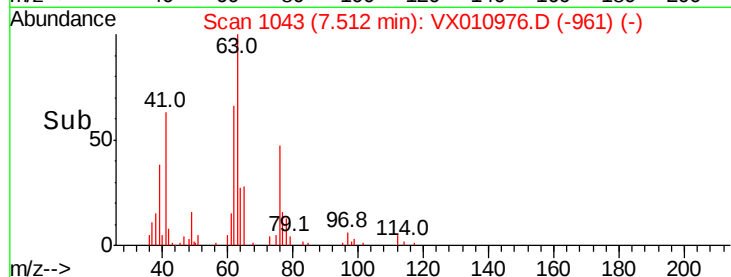
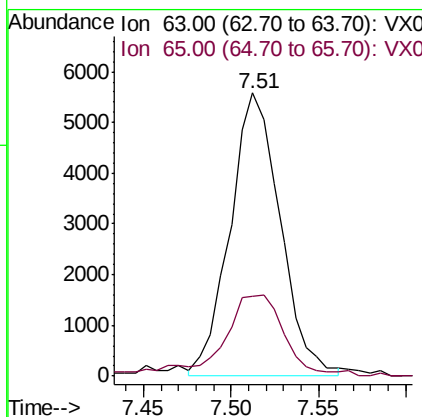
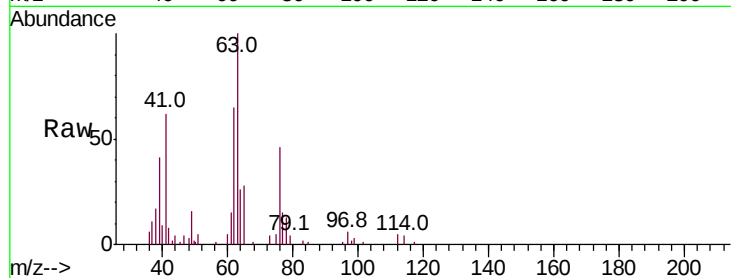
#39
 1,2-Dichloropropane
 Concen: 4.049 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.2	25.6	38.4

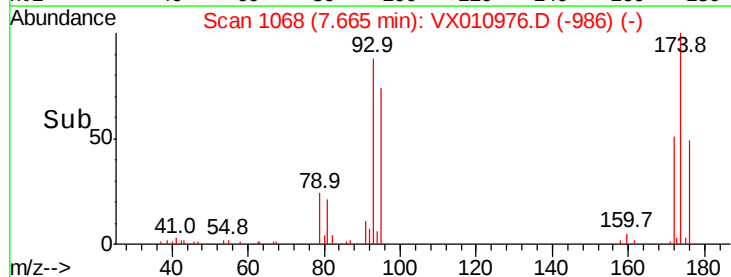
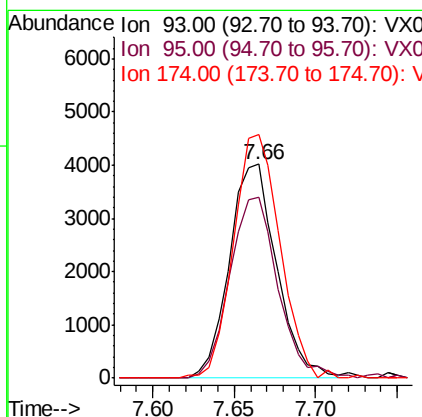
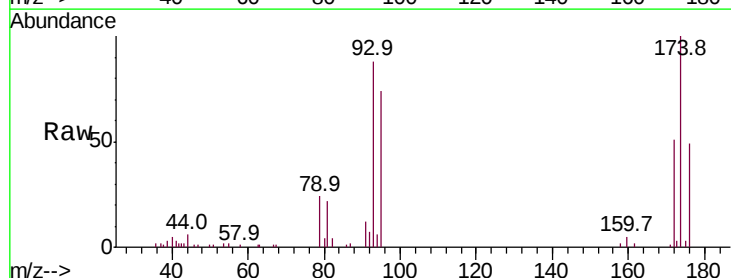
Manual Integrations
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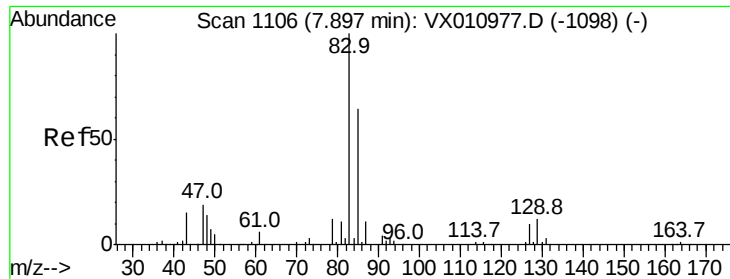
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#40
 Dibromomethane
 Concen: 4.960 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.1	0.0	166.0
174	111.4	0.0	229.2





#41

Bromodichloromethane

Concen: 4.079 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

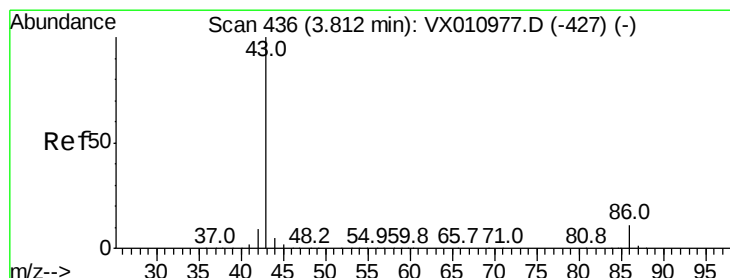
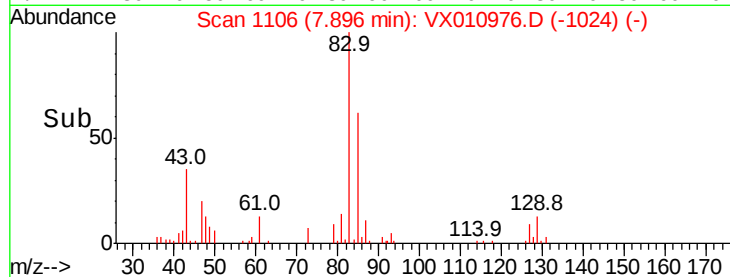
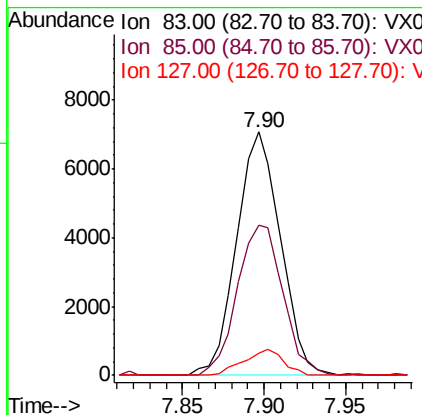
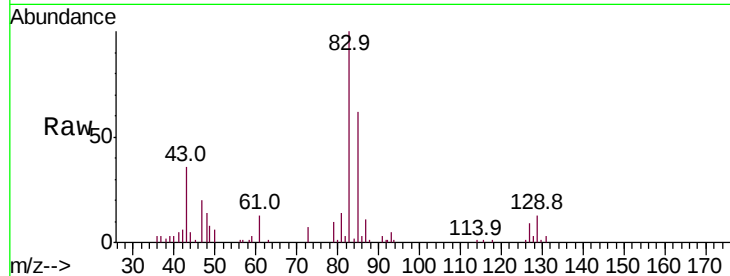
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	13273
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.9	76.3
127	9.3	7.7	11.5

Manual Integrations
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7/19/2019 9:56:22 AM



#42

Vinyl Acetate

Concen: 16.295 ug/l

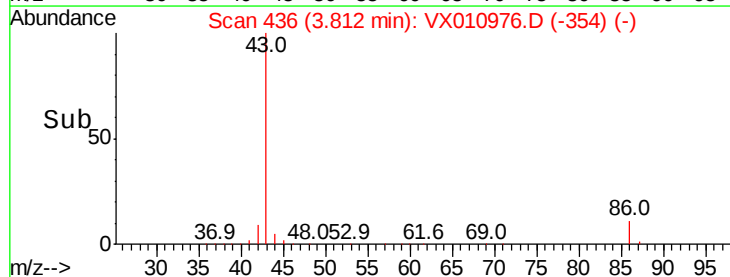
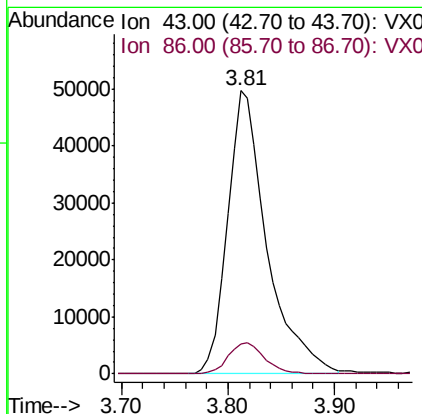
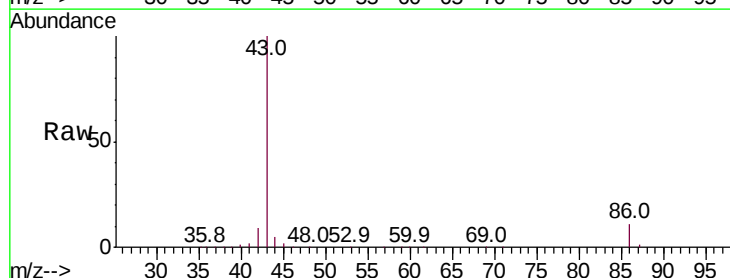
RT: 3.81 min Scan# 436

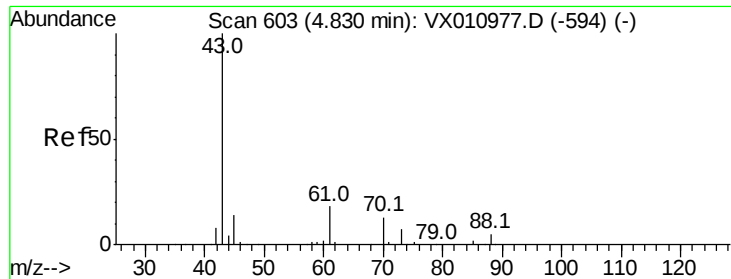
Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Tgt Ion:	43	Resp:	127373
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.2	12.2





#43

Ethyl Acetate

Concen: 3.575 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 15369

Ion Ratio Lower Upper

43 100

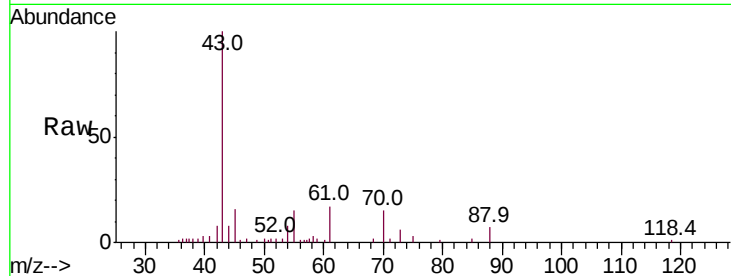
45 15.6 12.1 18.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

6000

5000

4000

3000

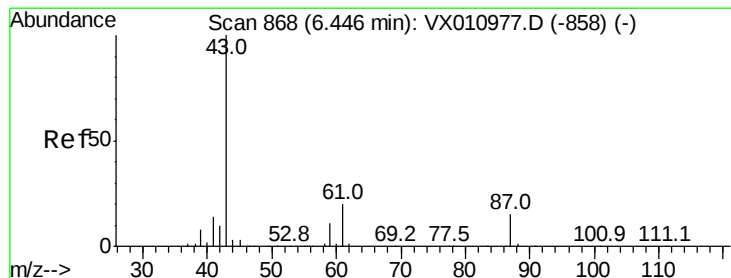
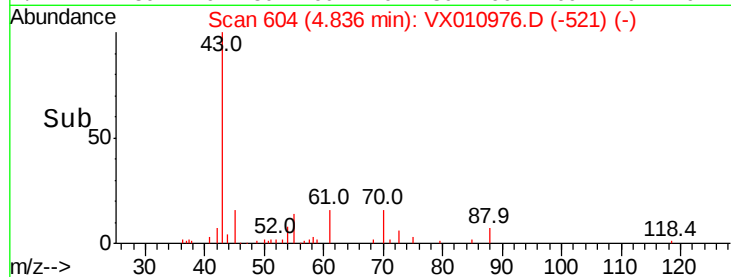
2000

1000

0

4.75 4.80 4.85 4.90 4.95

Time-->



#44

Isopropyl Acetate

Concen: 3.343 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010976.D

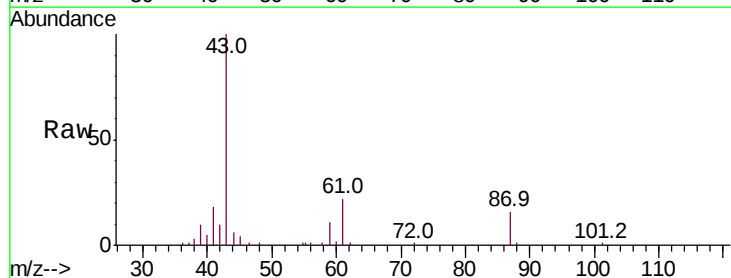
Acq: 18 Jul 2019 22:22

Tgt Ion: 43 Resp: 23552

Ion Ratio Lower Upper

43 100

61 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10000

8000

6000

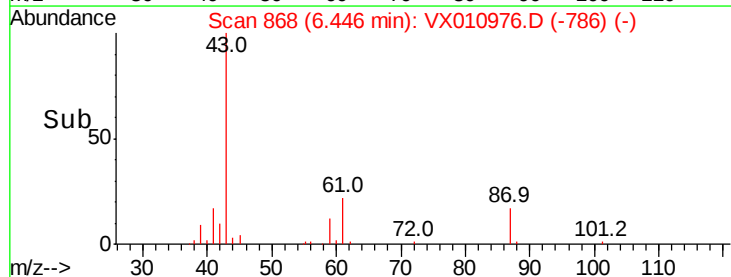
4000

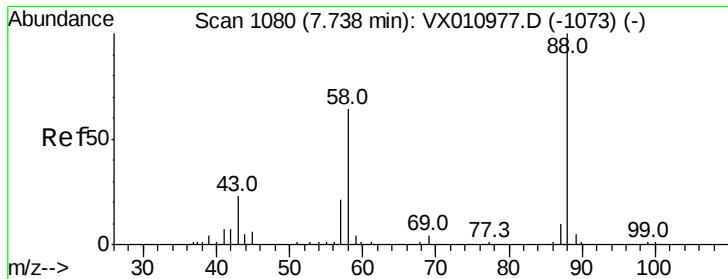
2000

0

6.35 6.40 6.45 6.50 6.55

Time-->





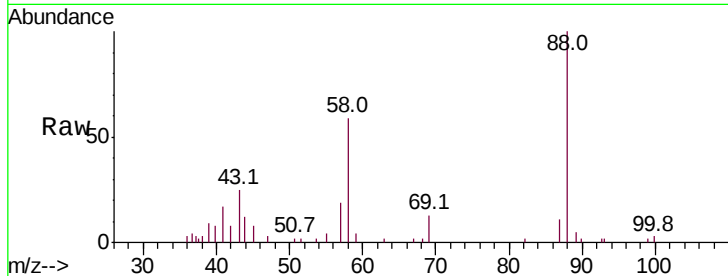
#45
1,4-Dioxane
Concen: 92.303 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

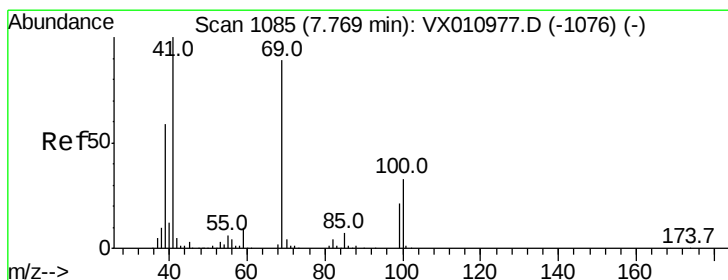
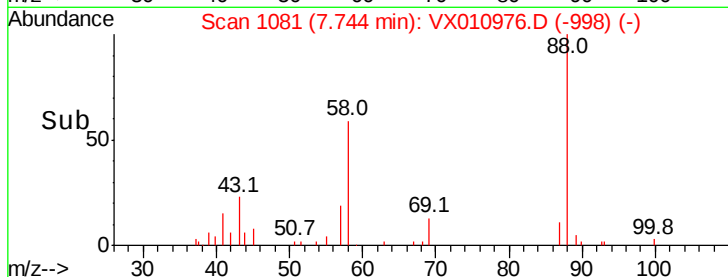
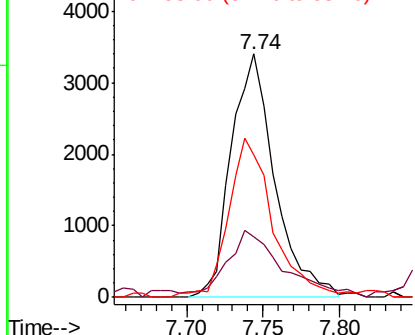
Tot Ion: 88 Resp: 6746
Ion Ratio Lower Upper
88 100
43 29.9 21.6 32.4
58 64.4 52.2 78.2

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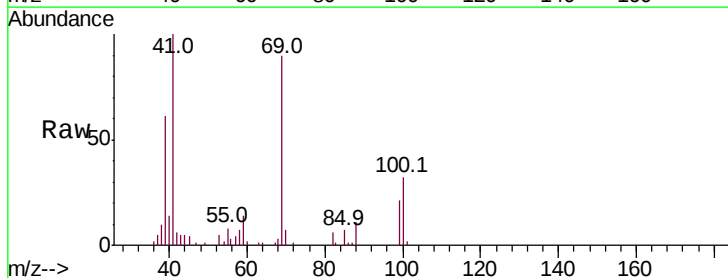


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

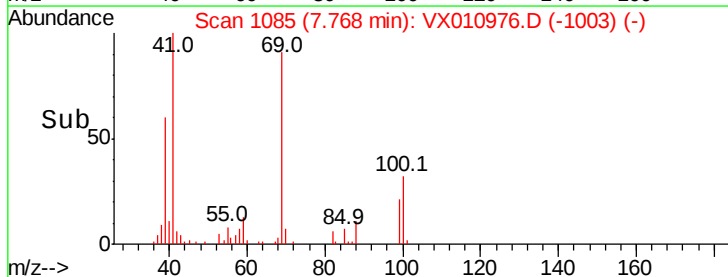
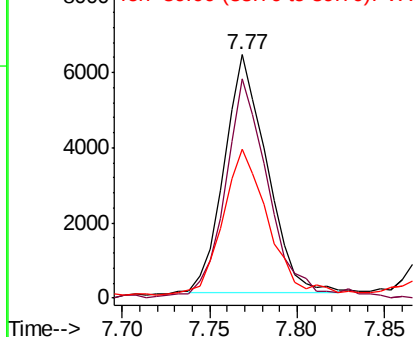


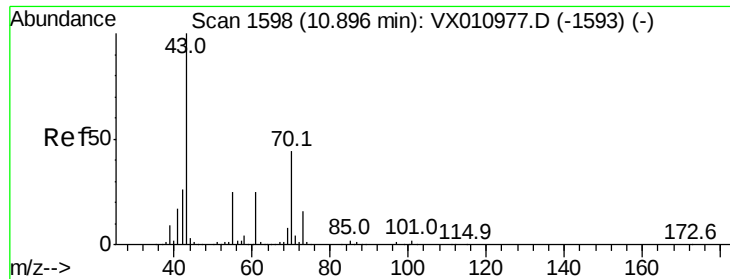
#46
Methyl methacrylate
Concen: 3.087 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 41 Resp: 10773
Ion Ratio Lower Upper
41 100
69 90.4 44.7 134.1
39 60.6 29.4 88.2



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





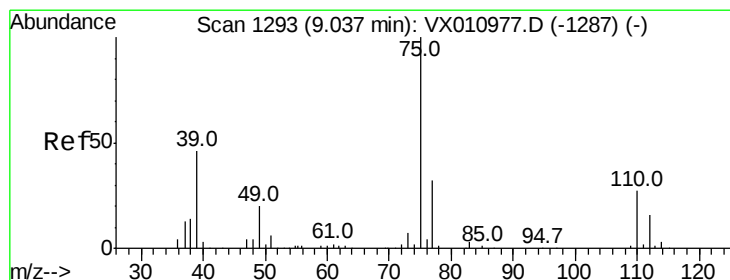
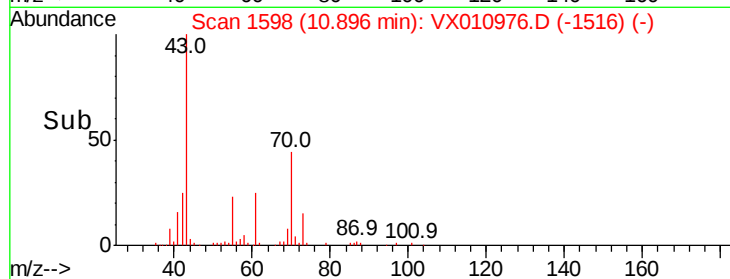
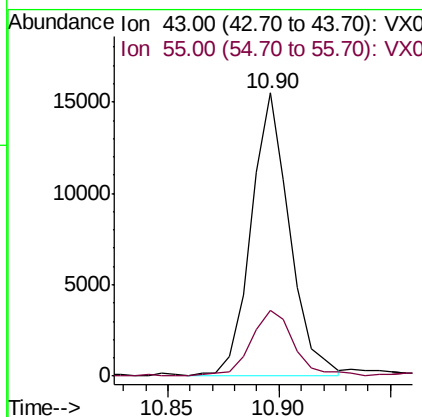
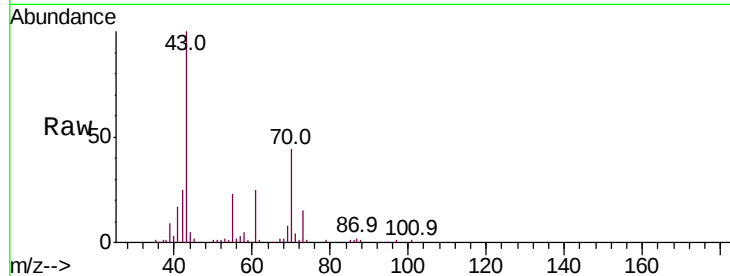
#47
n-amvl Acetate
Concen: 2.900 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	Ratio	100	Resp	18379
Ion	43	100		Lower	Upper
	55	26.4		19.6	29.4

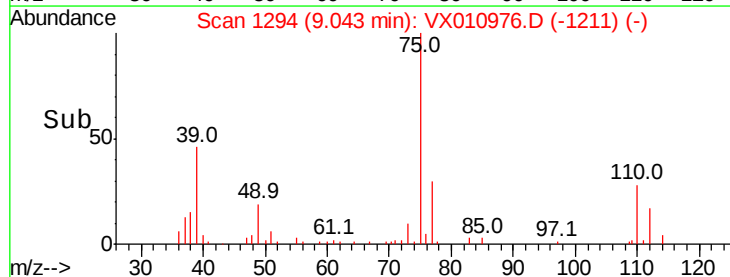
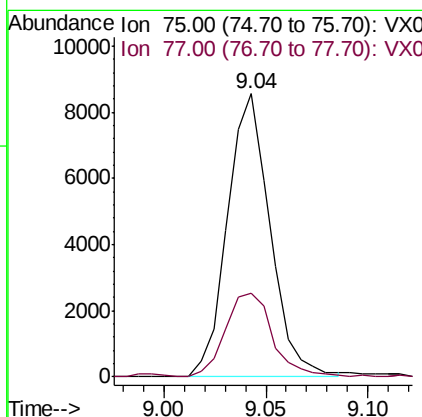
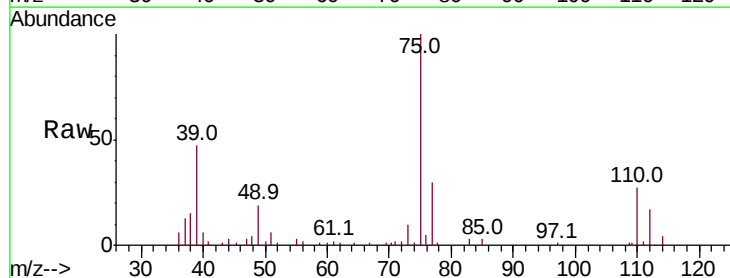
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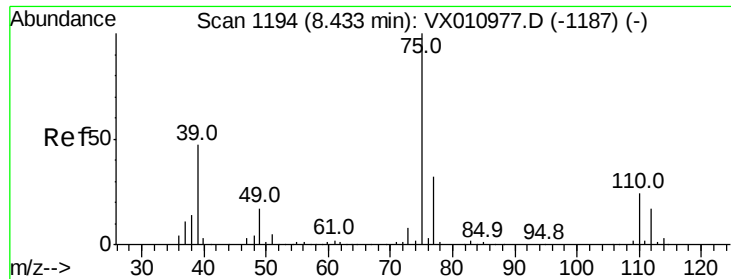
MMDadoda
7/19/2019 9:56:22 AM



#48
t-1,3-Dichloropropene
Concen: 3.323 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	75	Ratio	100	Resp	12404
Ion	75	100		Lower	Upper
	77	29.7		25.7	38.5





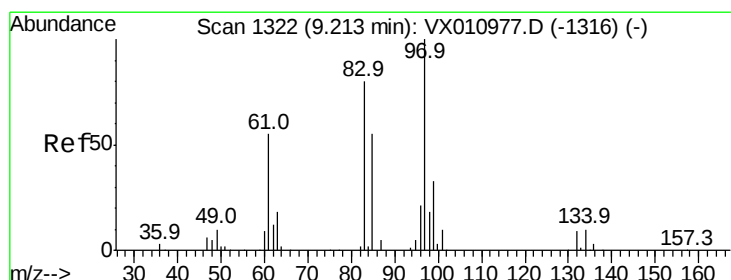
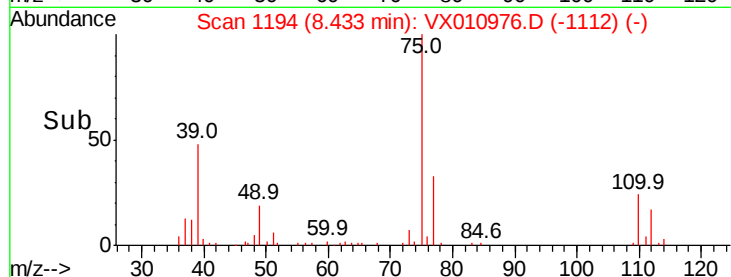
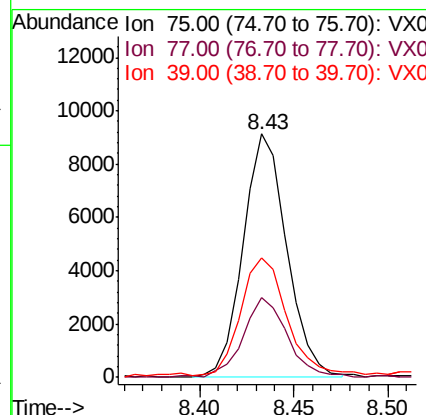
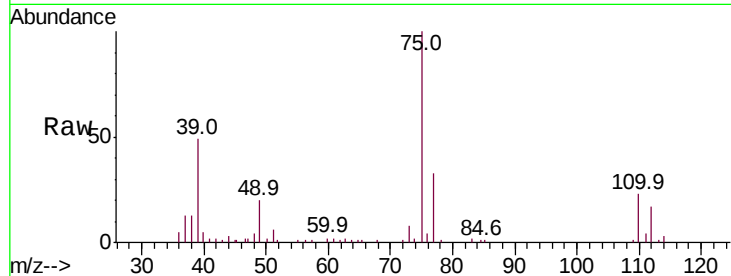
#49
 cis-1,3-Dichloropropene
 Concen: 3.564 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.3	37.9
39	48.1	37.8	56.6

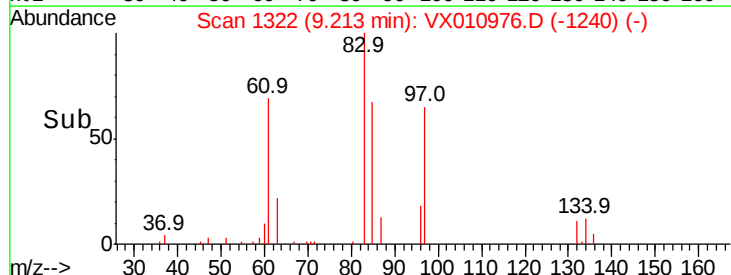
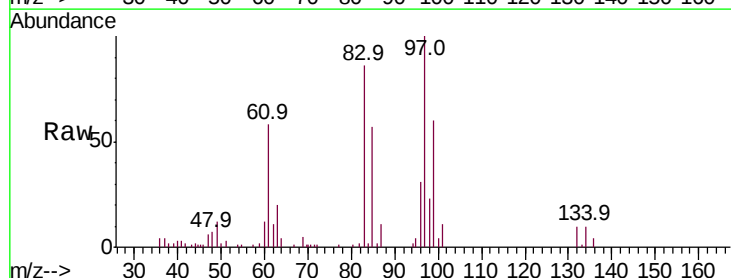
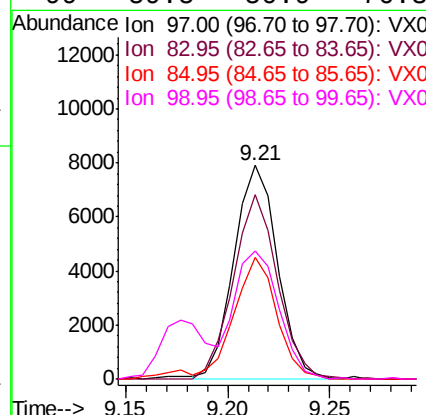
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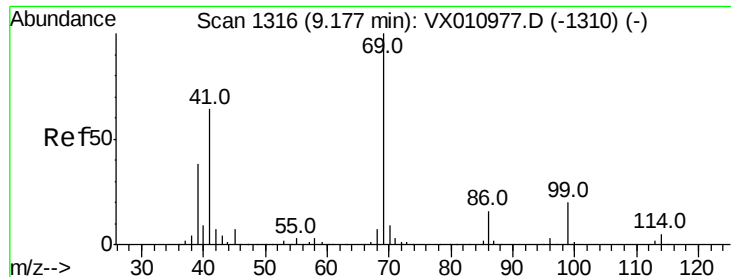
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#50
 1,1,2-Trichloroethane
 Concen: 4.723 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	63.9	95.9
85	57.2	43.4	65.2
99	59.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 3.831 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

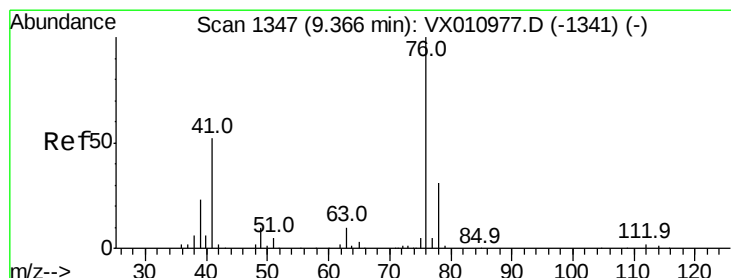
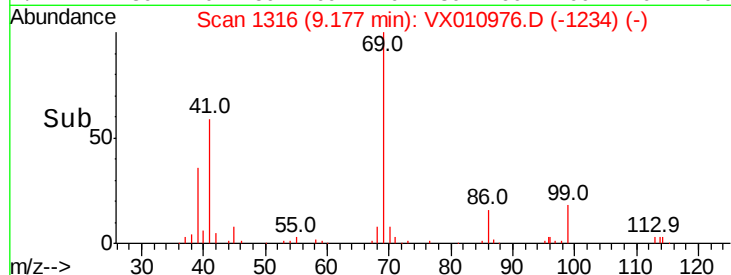
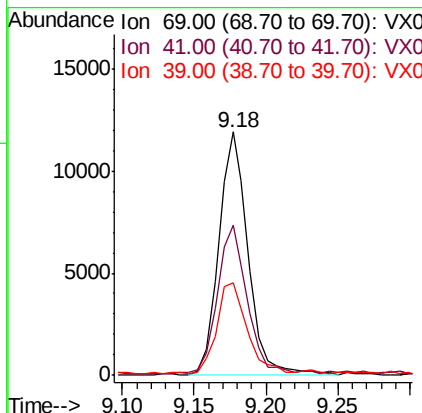
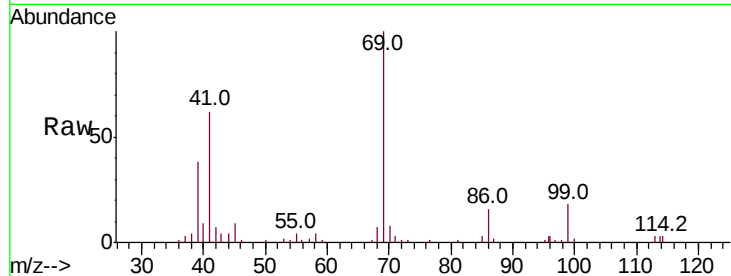
ClientSampleId :

VSTDIC005

Tot Ion:	69	Resp:	16997
Ion Ratio	Lower	Upper	
69	100		
41	60.5	32.1	96.3
39	37.1	19.1	57.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 4.408 ug/l

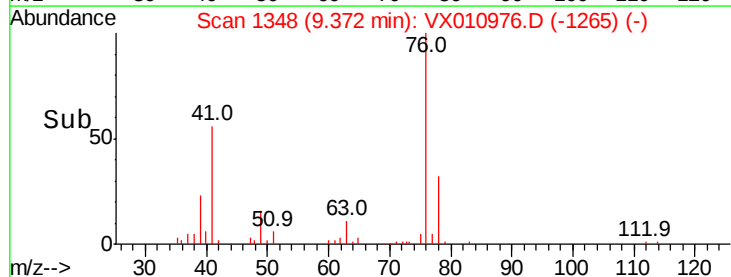
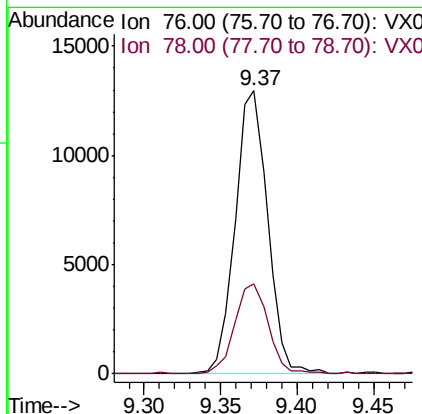
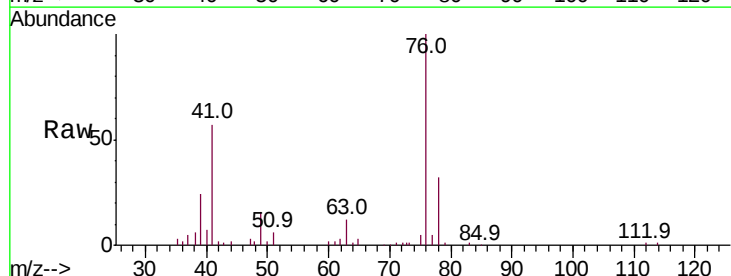
RT: 9.37 min Scan# 1348

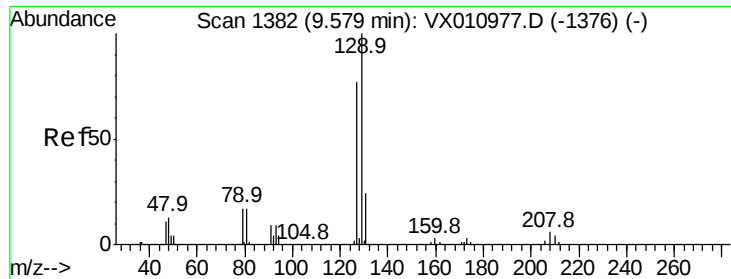
Delta R.T. 0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Tgt Ion:	76	Resp:	19112
Ion Ratio	Lower	Upper	
76	100		
78	32.9	0.0	63.8





#53

Dibromochloromethane

Concen: 4.075 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 10203

Ion Ratio Lower Upper

129 100

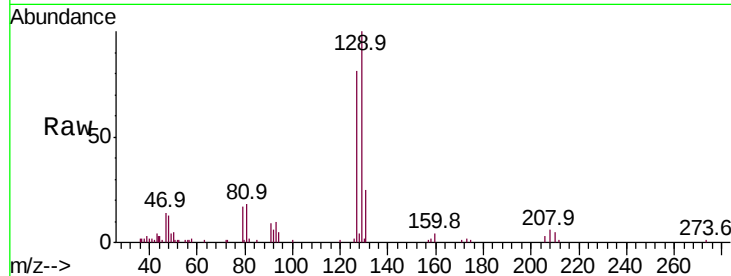
127 78.0 38.1 114.3

Manual Integrations

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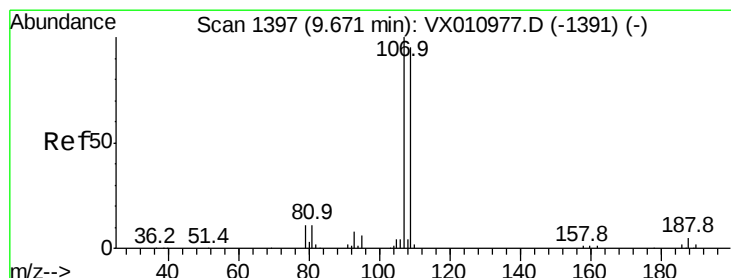
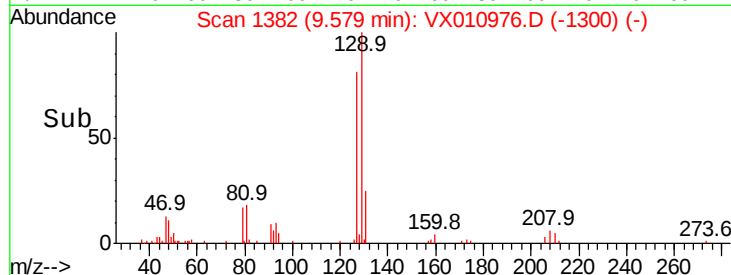
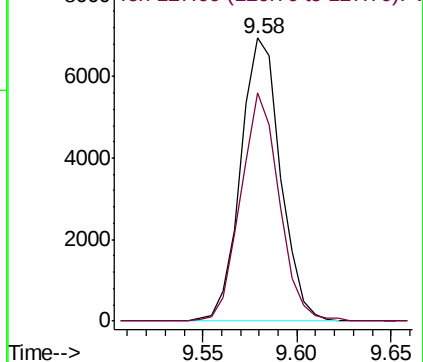
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.711 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010976.D

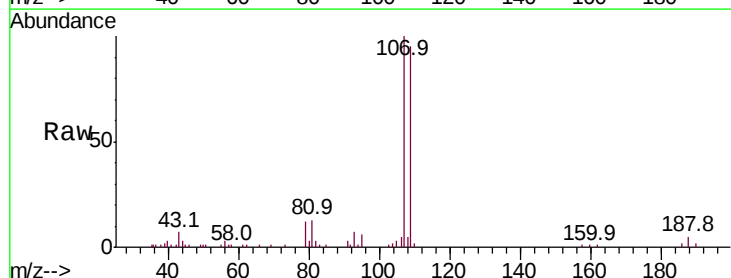
Acq: 18 Jul 2019 22:22

Tgt Ion:107 Resp: 12145

Ion Ratio Lower Upper

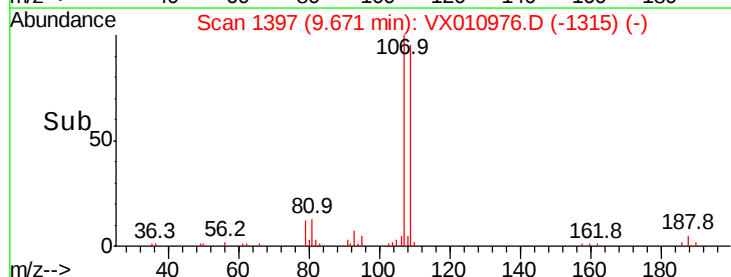
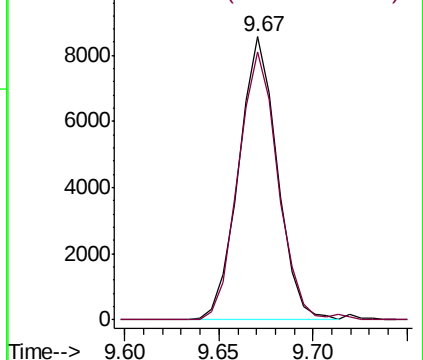
107 100

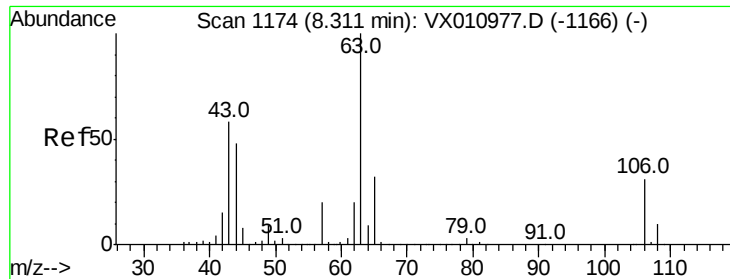
109 96.6 77.1 115.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





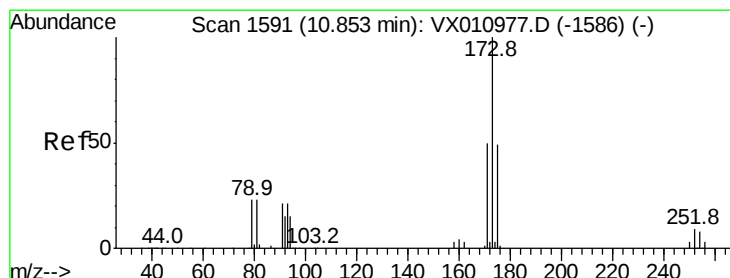
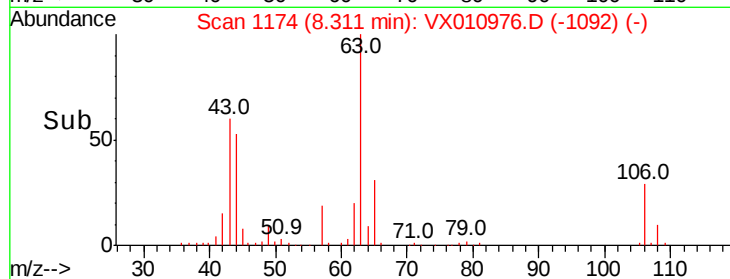
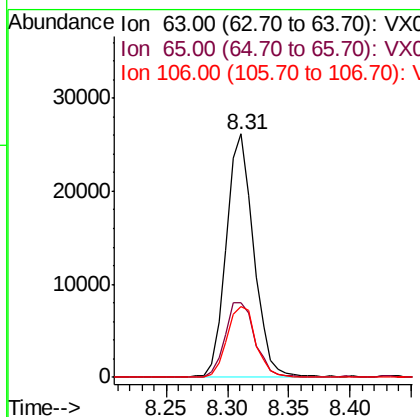
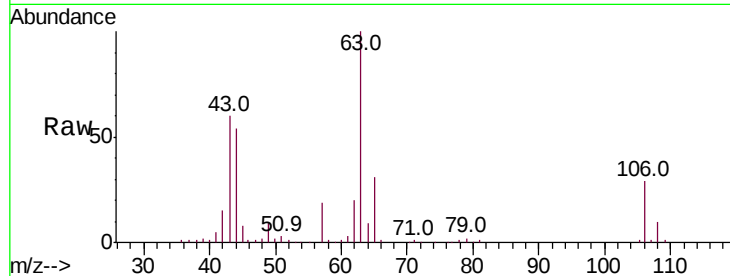
#55
2-Chloroethyl vinyl ether
Concen: 17.900 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.7	25.7	38.5
106	30.3	24.8	37.2

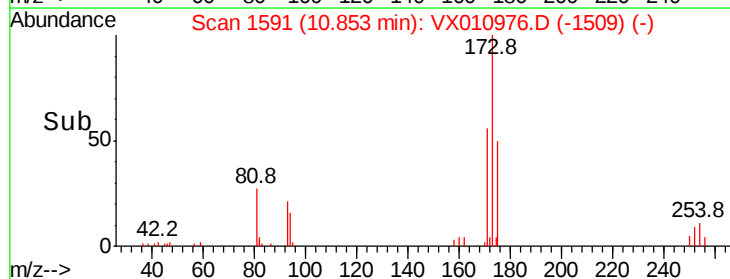
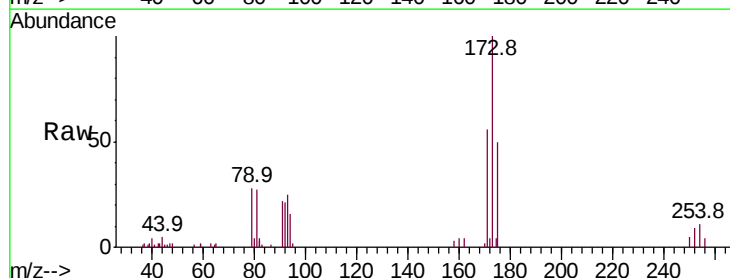
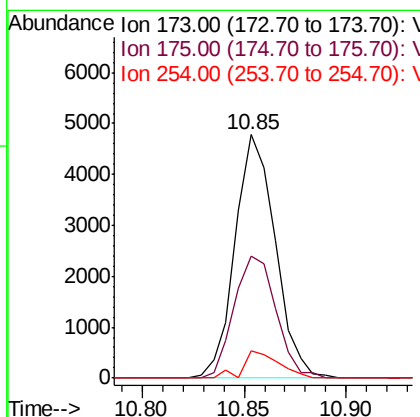
Manual Integrations
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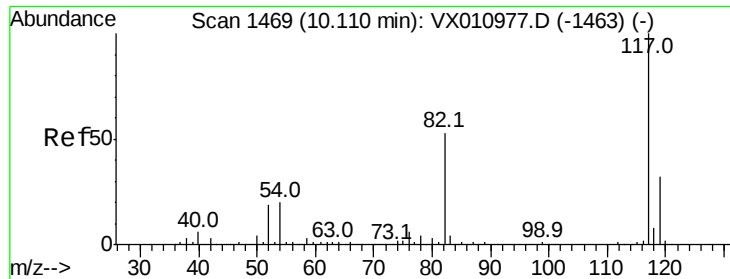
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#56
Bromoform
Concen: 3.444 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.1	39.0	58.6
254	9.0	7.9	11.9





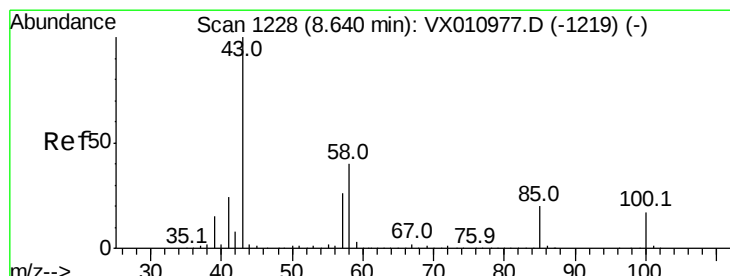
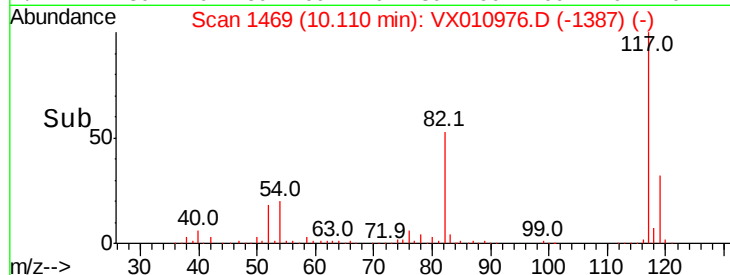
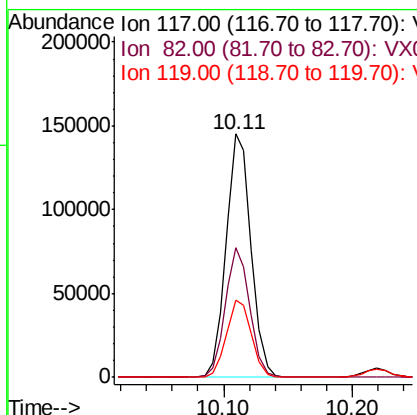
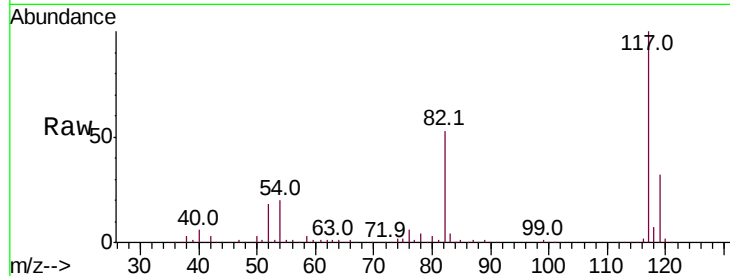
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	117	Resp:	197447
Ion Ratio	Lower	Upper	
117	100		
82	51.9	41.6	62.4
119	31.8	26.0	39.0

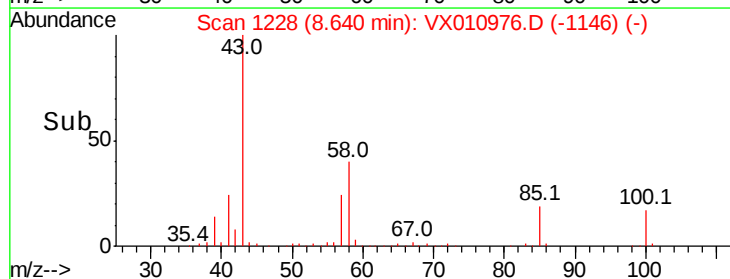
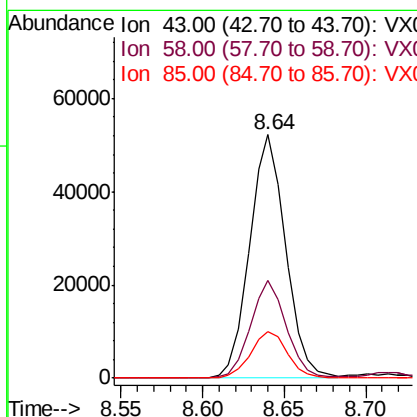
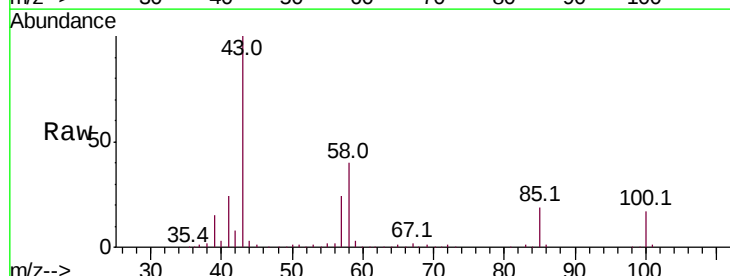
Manual Integrations
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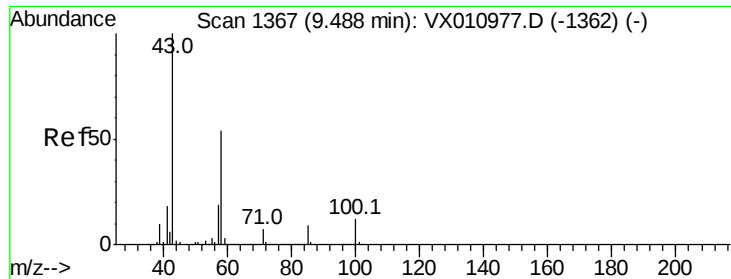
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 17.580 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:	43	Resp:	80084
Ion Ratio	Lower	Upper	
43	100		
58	39.8	32.6	48.8
85	19.5	15.8	23.6





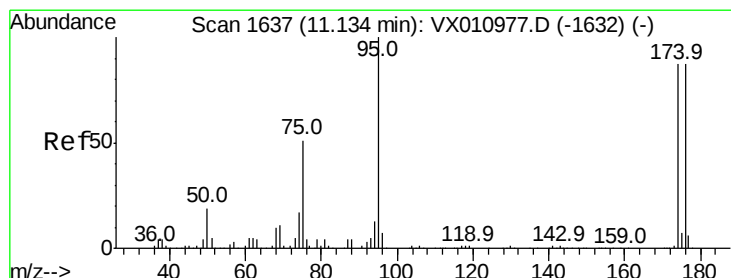
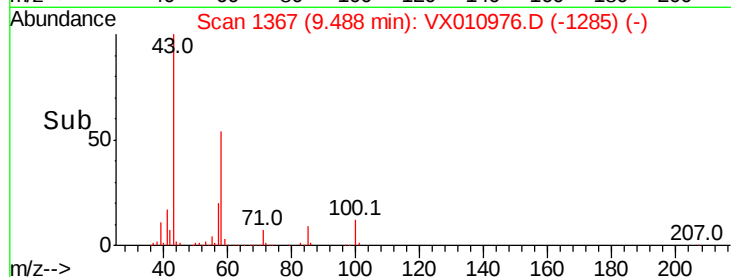
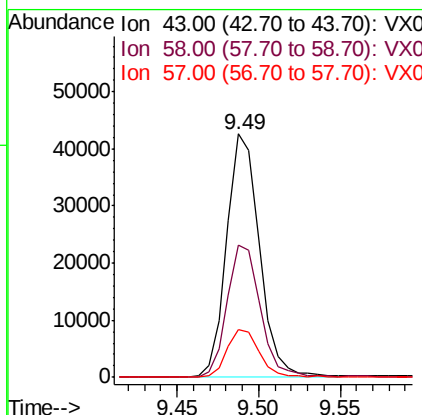
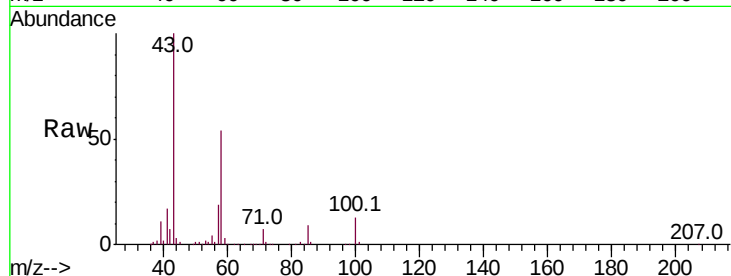
#59
2-Hexanone
Concen: 16.874 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.6	44.7	67.1
57	19.7	15.4	23.2

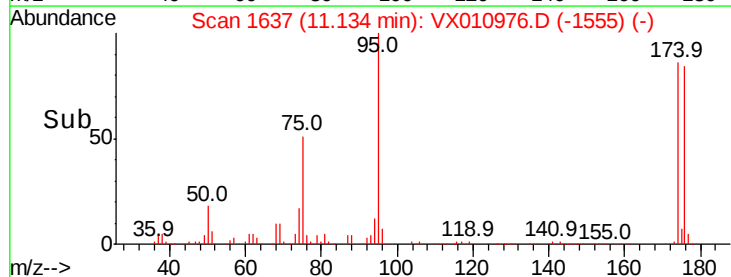
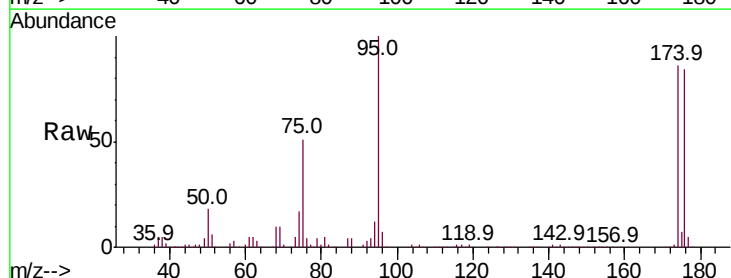
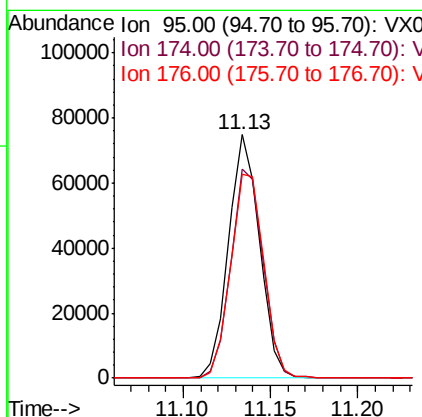
Manual Integrations
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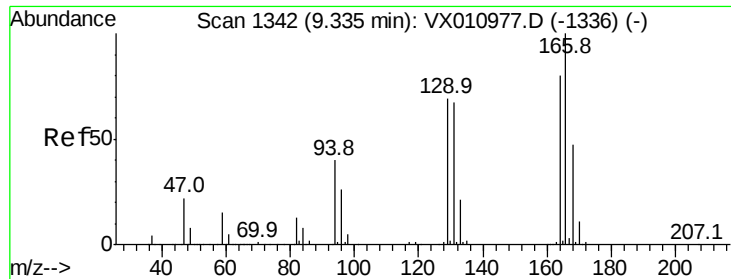
MMDadoda
7/19/2019 9:56:22 AM



#60
4-Bromofluorobenzene
Concen: 28.110 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.4	73.3	109.9
176	89.4	71.2	106.8





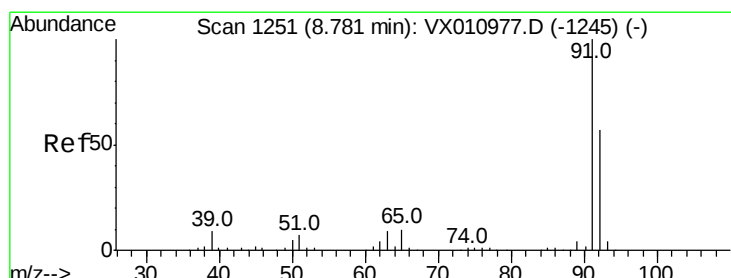
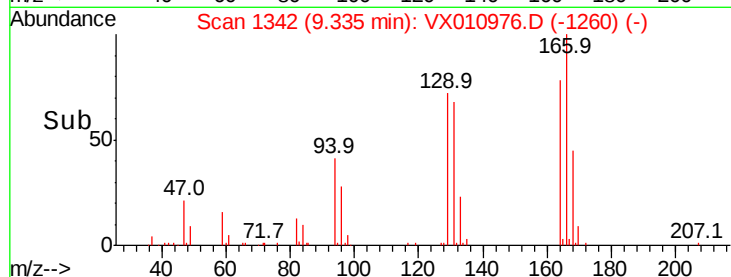
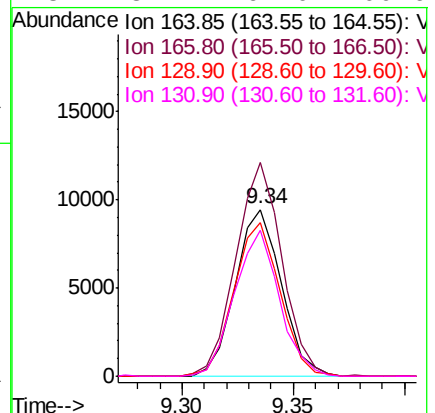
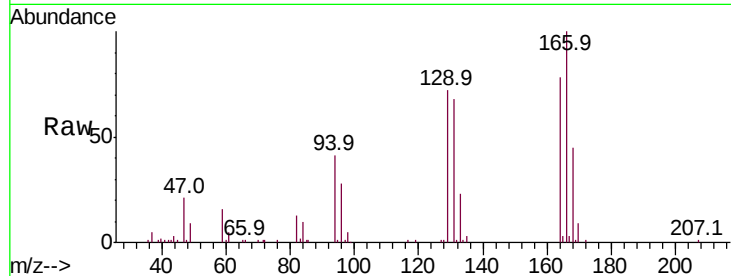
#61
 Tetrachloroethene
 Concen: 5.983 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	164	Resp:	13614
Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.1	150.1
129	91.9	69.6	104.4
131	87.4	67.0	100.6

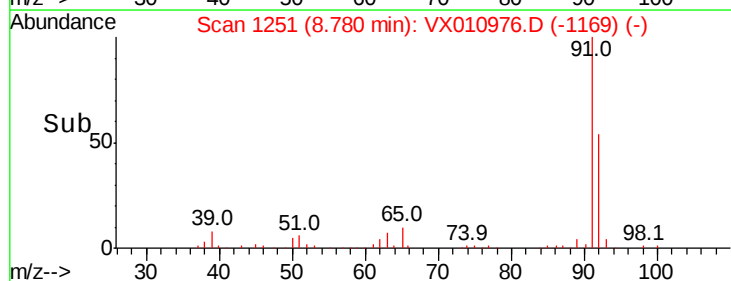
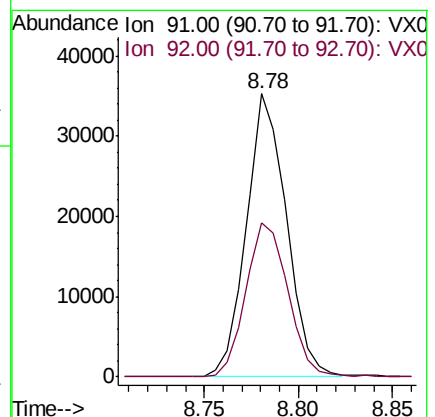
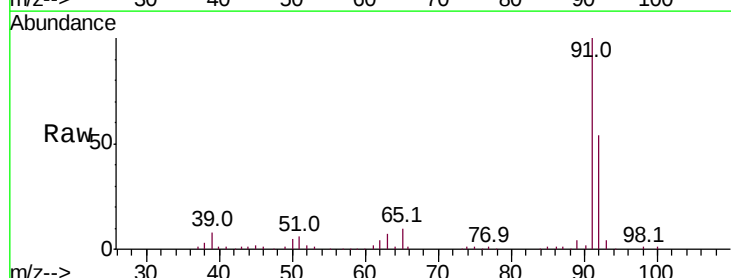
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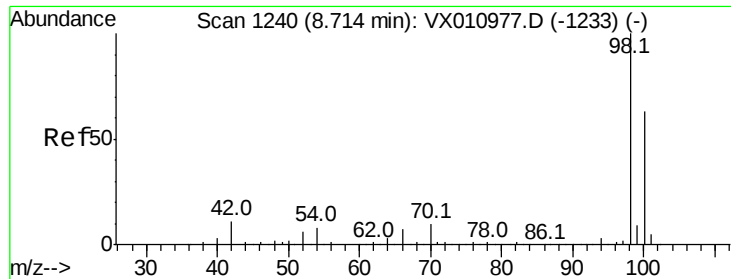
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#62
 Toluene
 Concen: 4.931 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion:	91	Resp:	51929
Ion	Ratio	Lower	Upper
91	100		
92	57.3	45.4	68.2





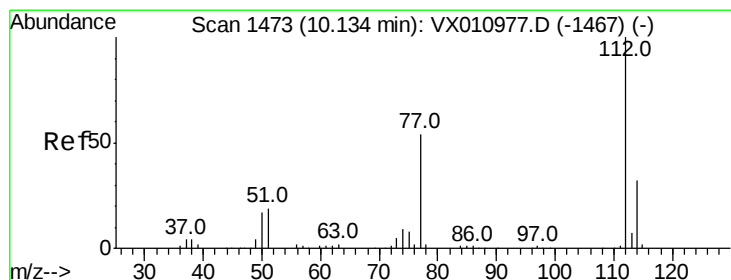
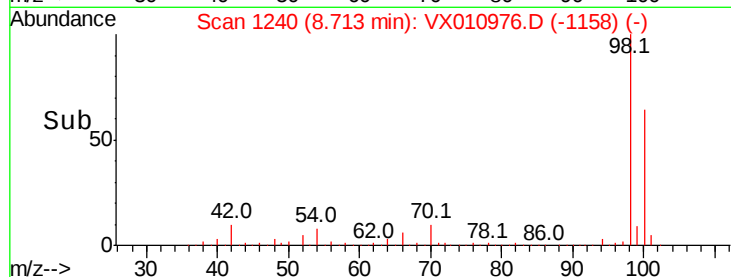
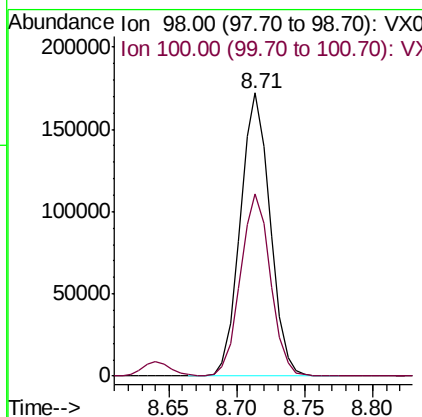
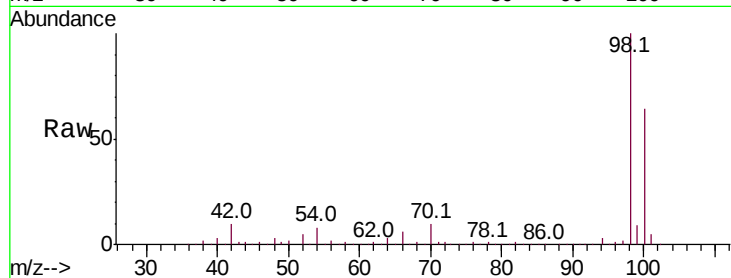
#63
Toluene-d8
Concen: 28.648 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 98 Resp: 263917
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

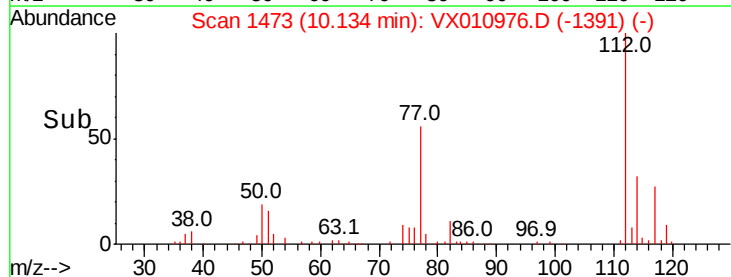
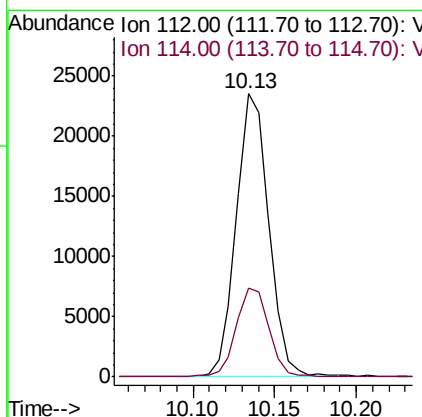
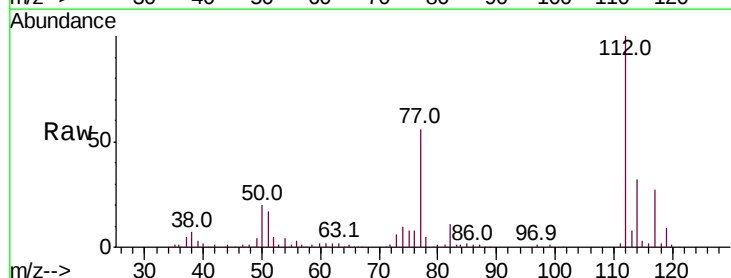
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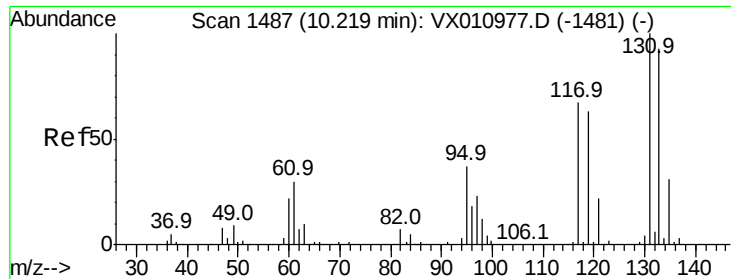
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#64
Chlorobenzene
Concen: 5.115 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion: 112 Resp: 32878
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 4.287 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

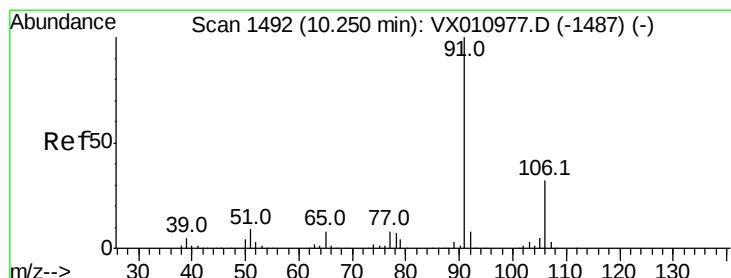
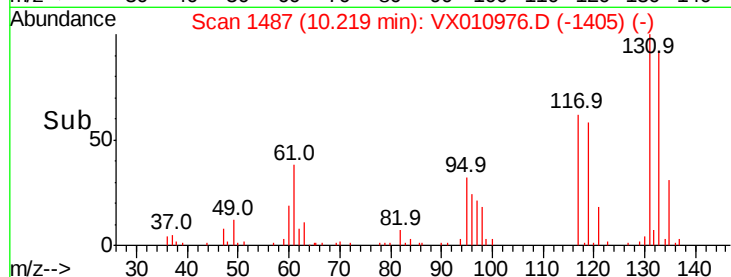
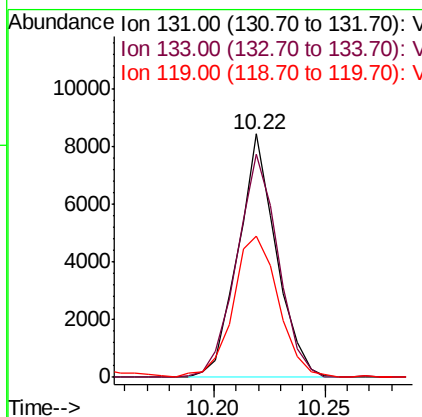
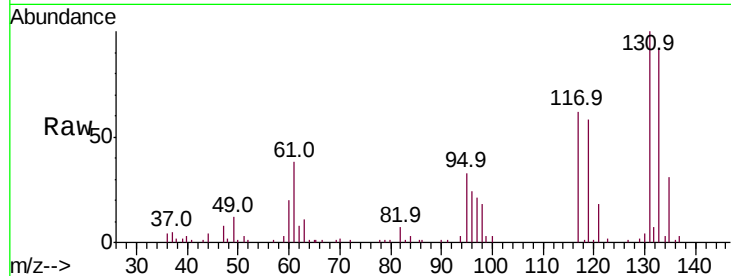
ClientSampleId :

VSTDIC005

Tot Ion:	131	Resp:	10056
Ion Ratio	Lower	Upper	
131	100		
133	99.6	0.0	190.2
119	69.0	0.0	127.0

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#66

Ethyl Benzene

Concen: 4.886 ug/l

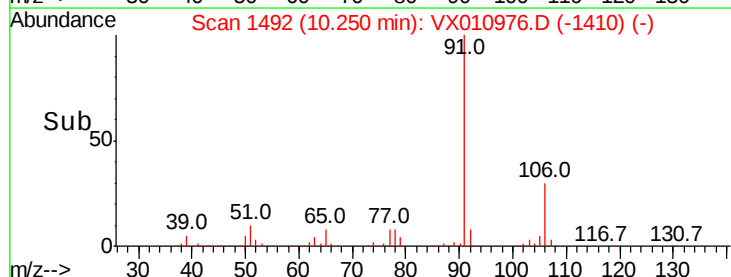
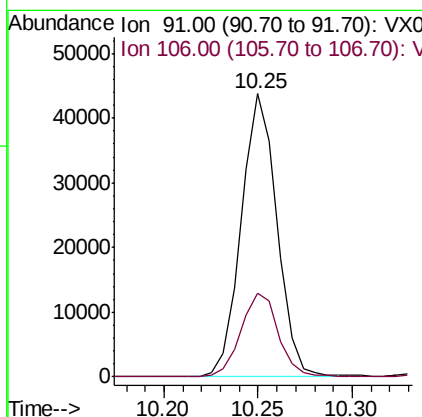
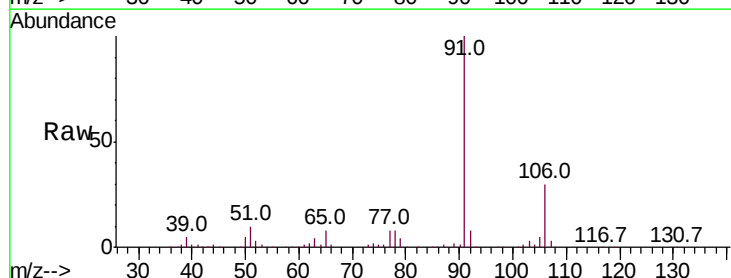
RT: 10.25 min Scan# 1492

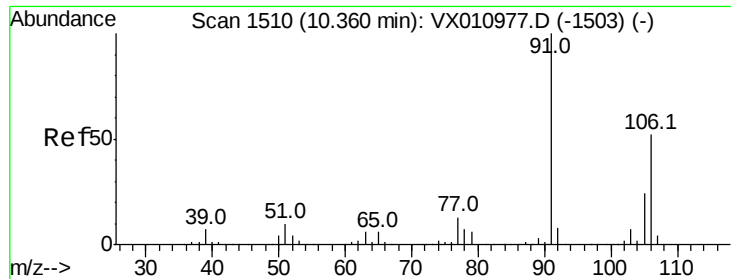
Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Tgt Ion:	91	Resp:	57435
Ion Ratio	Lower	Upper	
91	100		
106	29.7	25.8	38.8





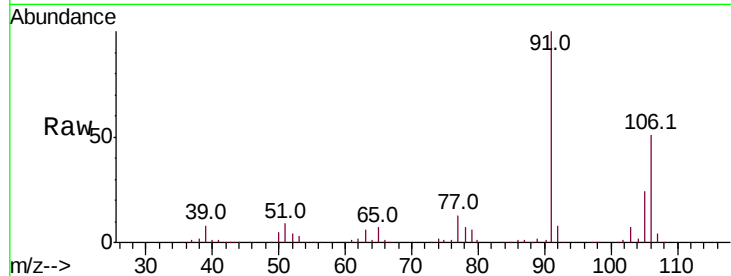
#67
m/p-Xvlenes
Concen: 9.897 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

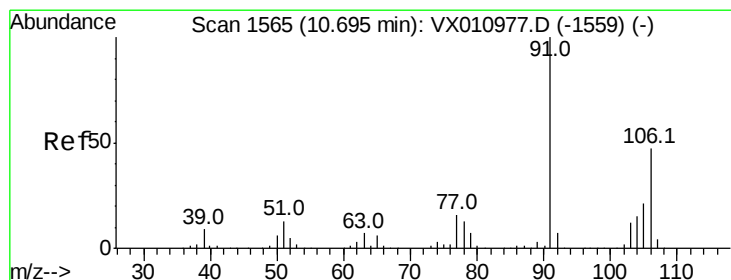
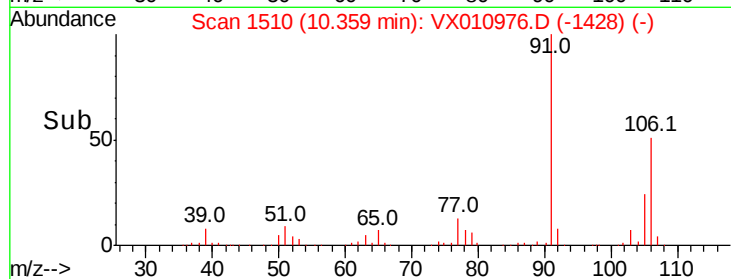
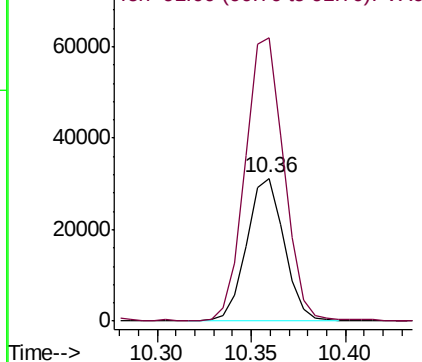
Tot Ion:106 Resp: 43065
Ion Ratio Lower Upper
106 100
91 202.6 156.6 235.0

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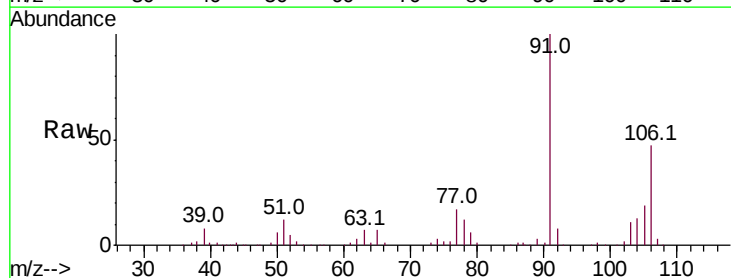


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

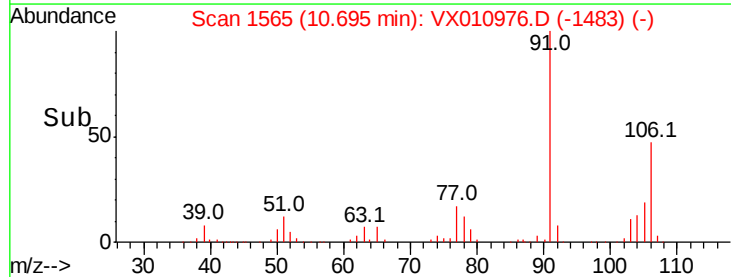
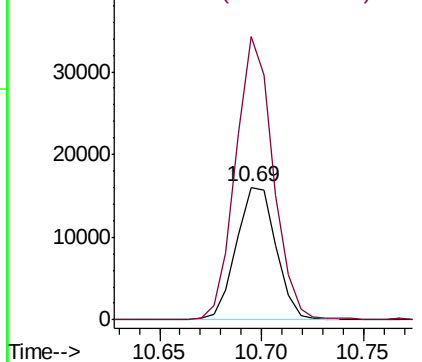


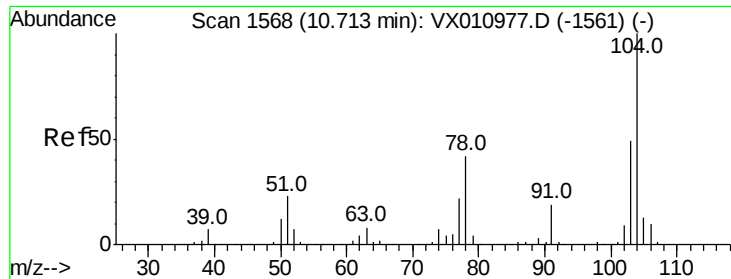
#68
o-Xylene
Concen: 5.088 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion:106 Resp: 21733
Ion Ratio Lower Upper
106 100
91 201.4 104.0 312.0



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





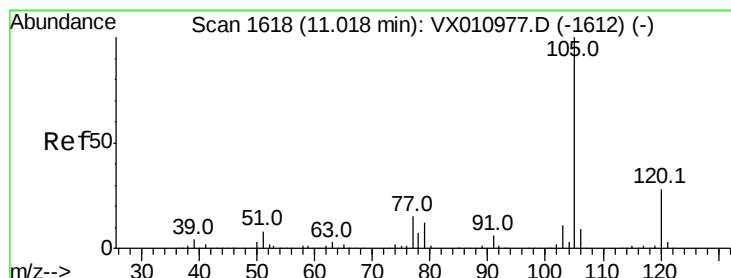
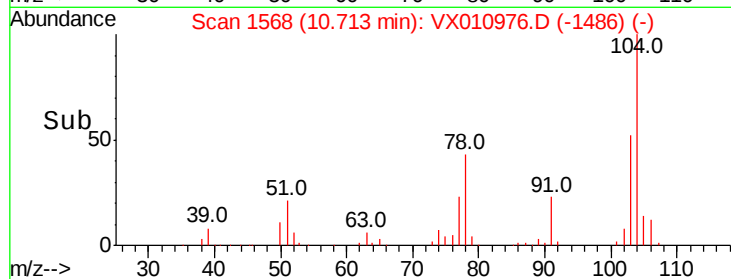
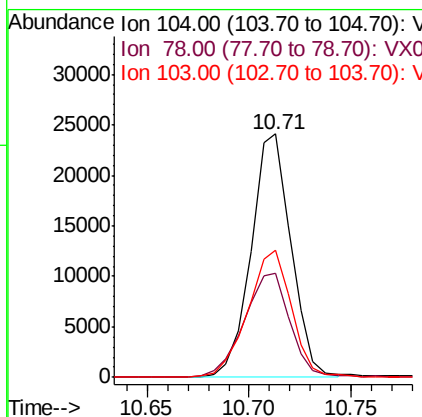
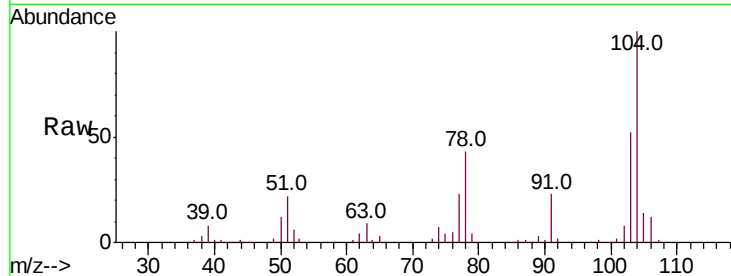
#69
Stvrene
Concen: 4.441 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.5	57.7
103	57.0	44.6	67.0

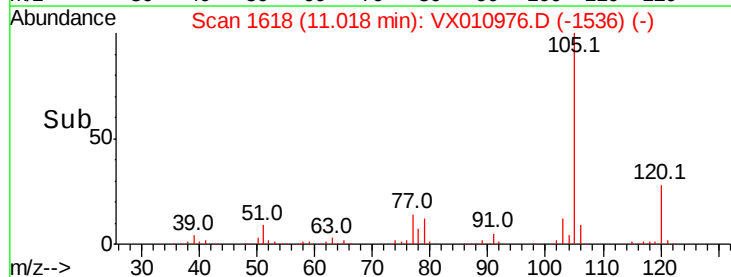
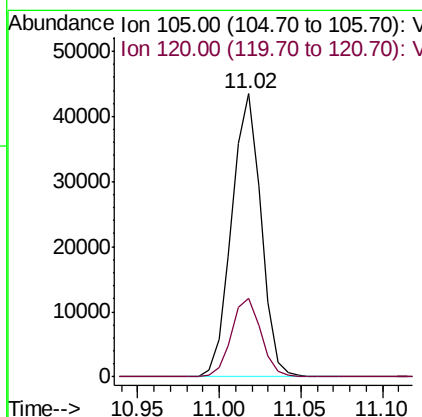
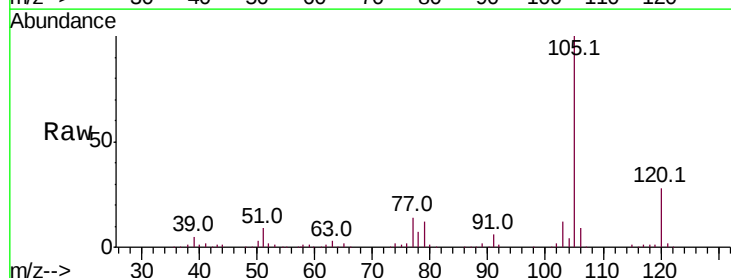
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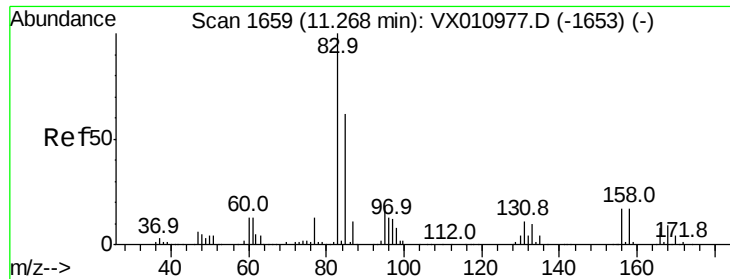
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#70
Isopropylbenzene
Concen: 4.775 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	19.4	36.0





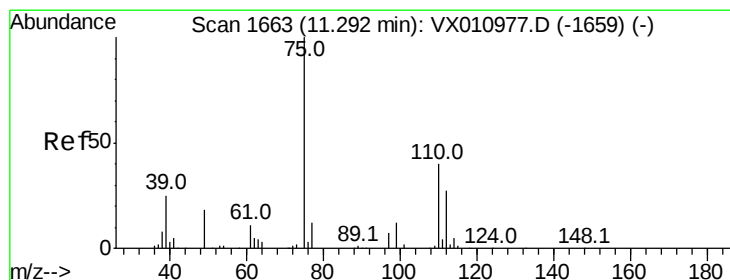
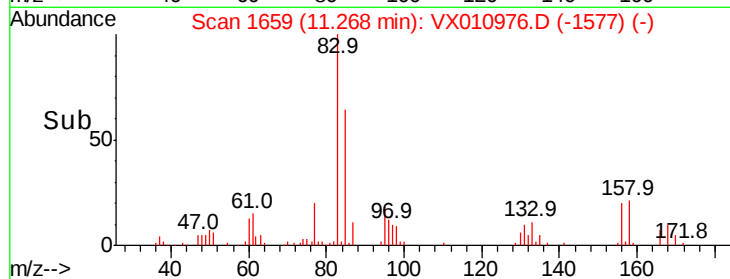
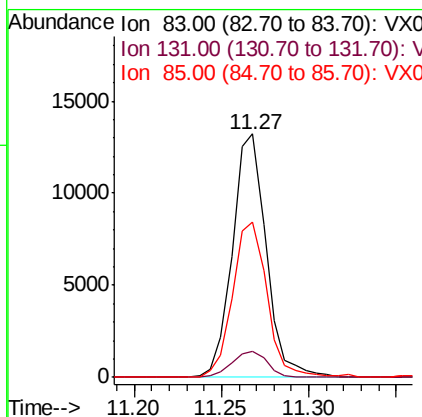
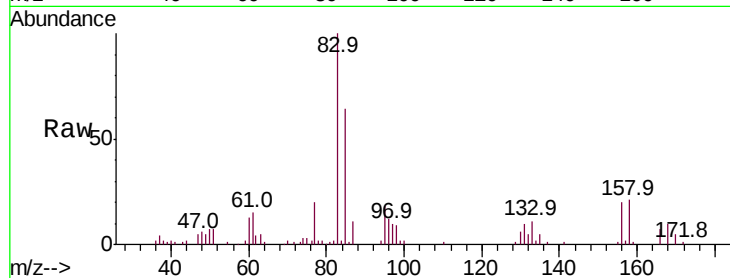
#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.363 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	83	Resp	17865
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.8	32.1	96.3

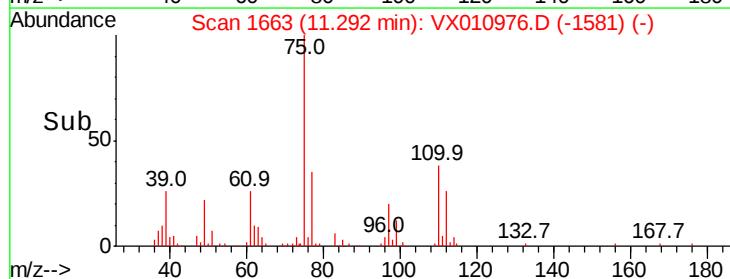
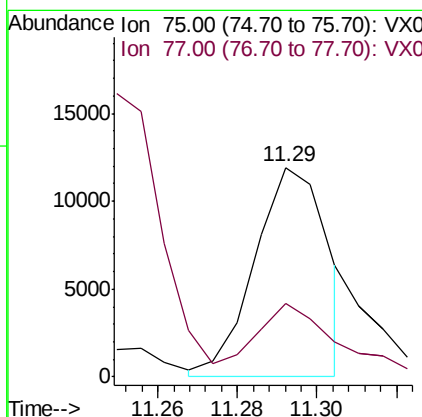
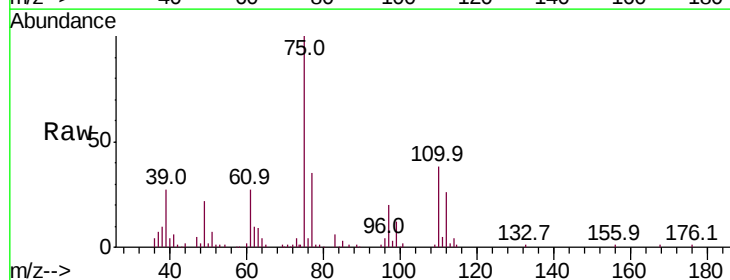
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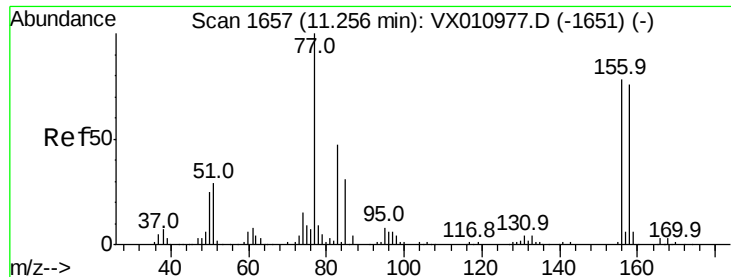
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#72
 1,2,3-Trichloropropane
 Concen: 4.335 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	75	Resp	15105
Ion	Ratio	Lower	Upper
75	100		
77	41.1	0.0	84.0





#73

Bromobenzene

Concen: 5.316 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

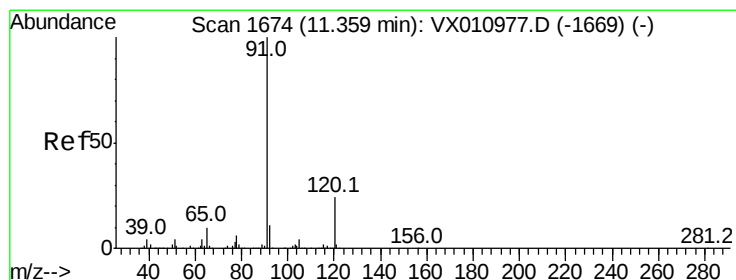
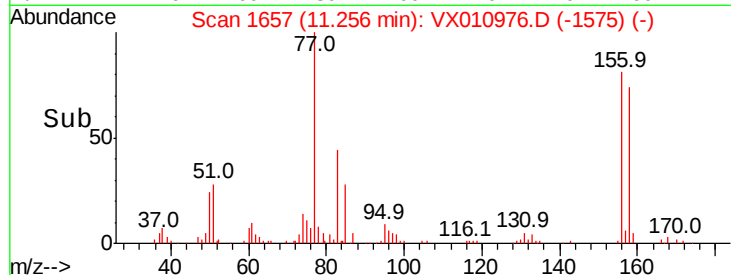
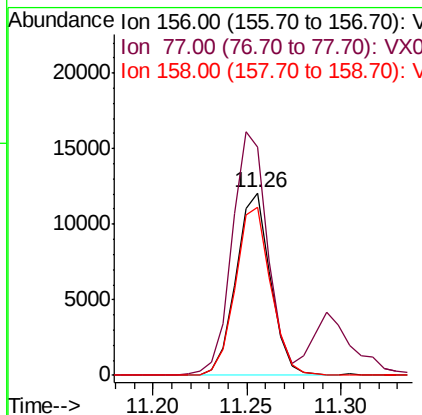
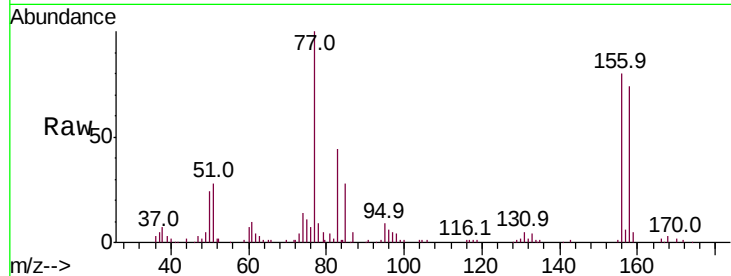
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.9	0.0	275.8
158	95.0	0.0	195.2

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#74

n-propylbenzene

Concen: 4.583 ug/l

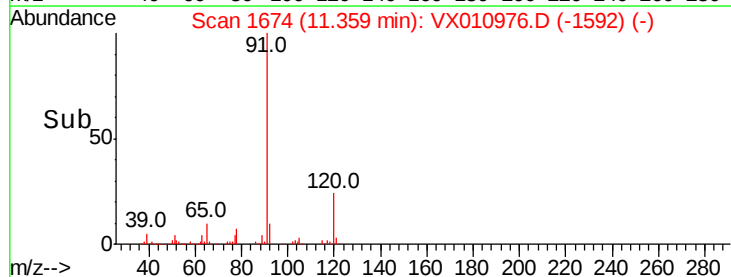
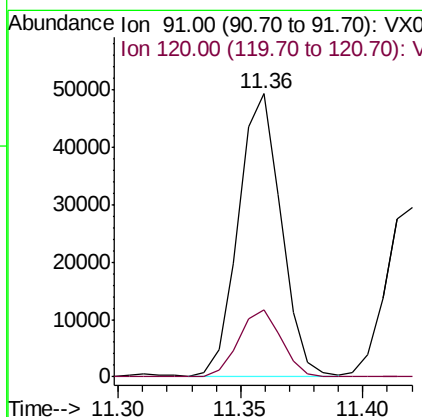
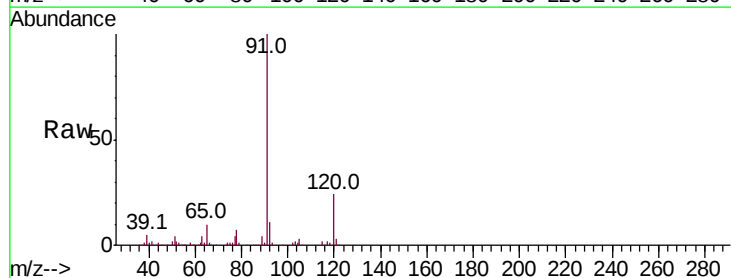
RT: 11.36 min Scan# 1674

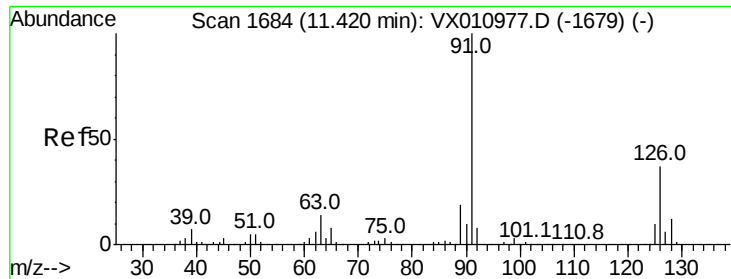
Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	0.0	47.6





#75

2-Chlorotoluene

Concen: 4.802 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 37777

Ion Ratio Lower Upper

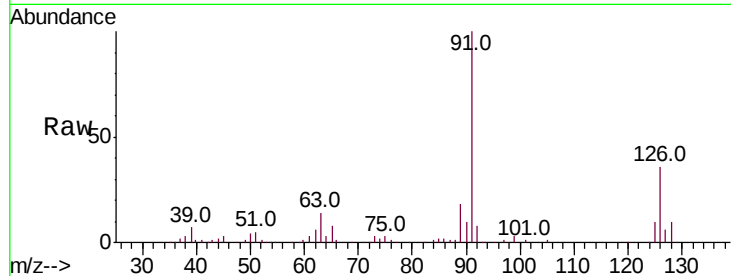
91 100

126 36.5 0.0 72.4

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Abundance Ion 91.00 (90.70 to 91.70): VX010977.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX010977.D (-1679) (-)

50000

40000

30000

20000

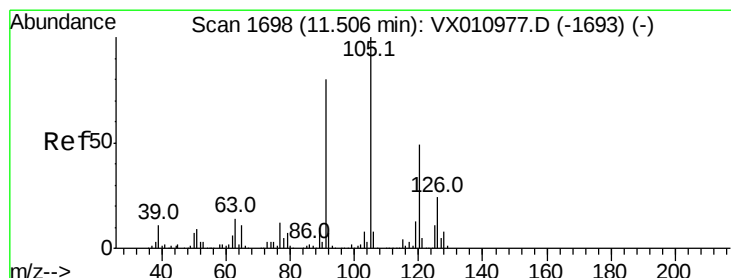
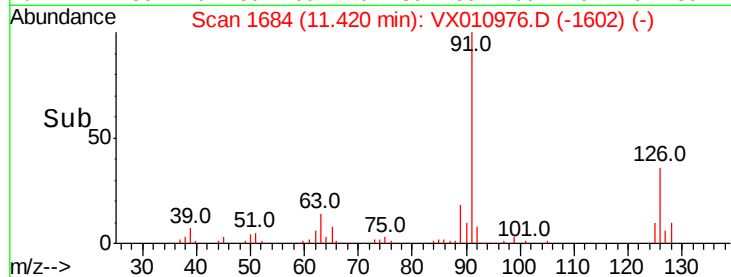
10000

0

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 4.697 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010976.D

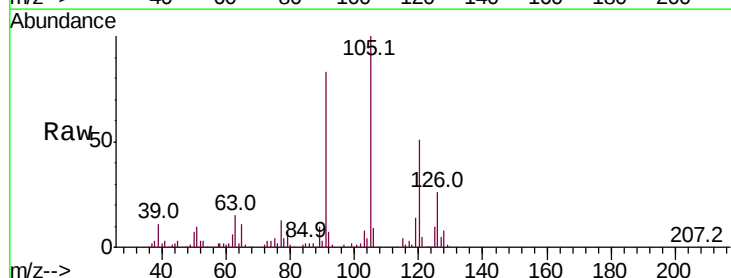
Acq: 18 Jul 2019 22:22

Tgt Ion:105 Resp: 45487

Ion Ratio Lower Upper

105 100

120 49.9 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX010977.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX010977.D (-1693) (-)

40000

30000

20000

10000

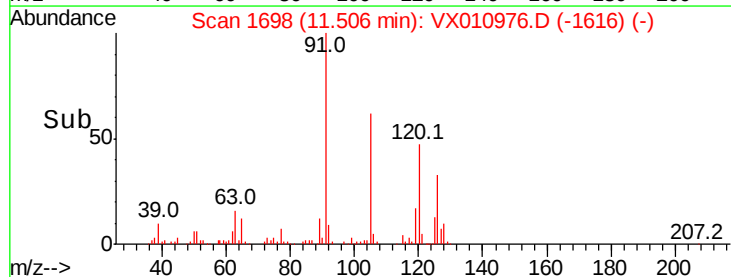
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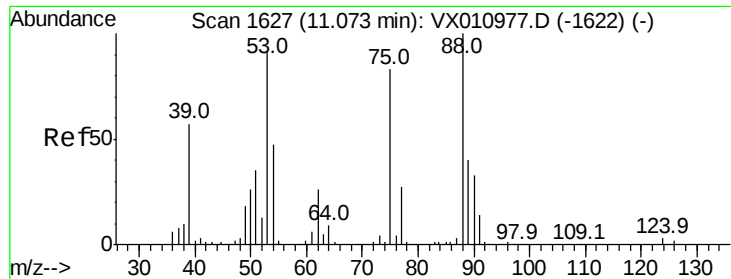
11.45

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 2.392 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Instrument :

MSVOA_X

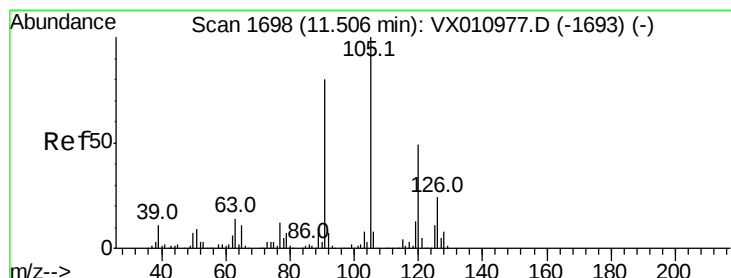
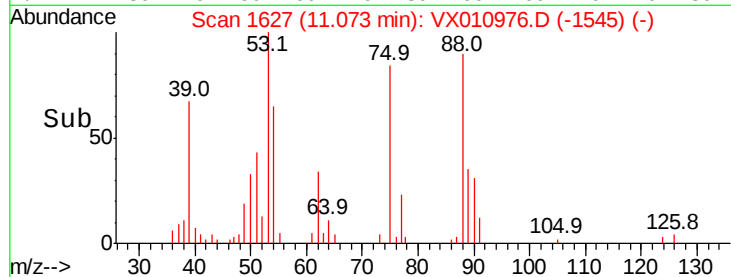
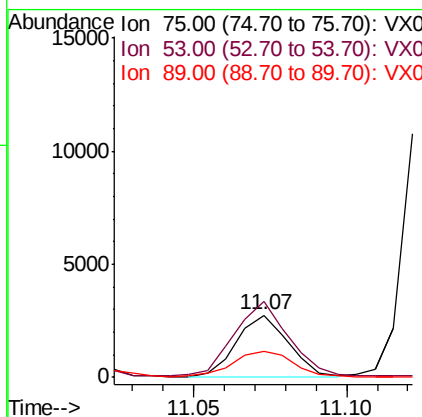
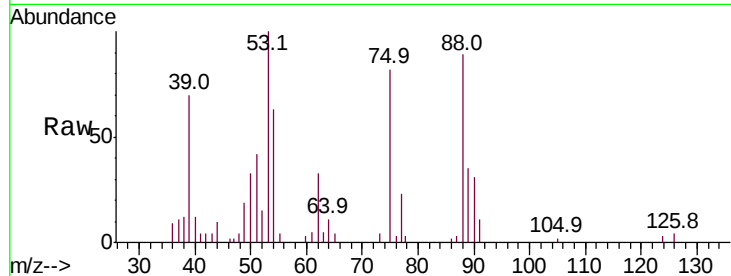
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	3249
Ion	Ratio	Lower	Upper
75	100		
53	117.8	54.8	164.3
89	39.8	24.6	73.6

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#78

4-Chlorotoluene

Concen: 4.682 ug/l

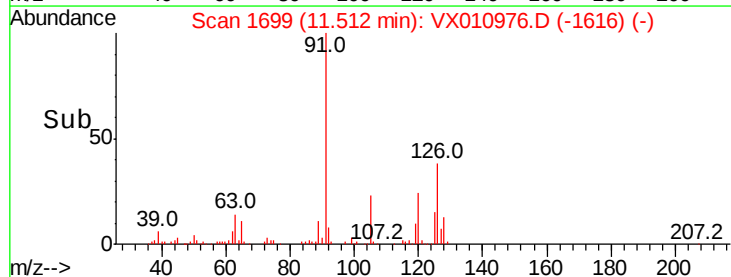
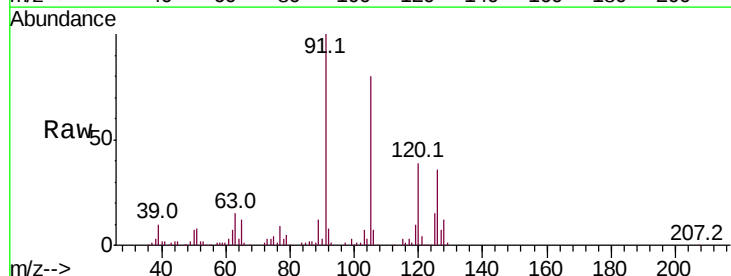
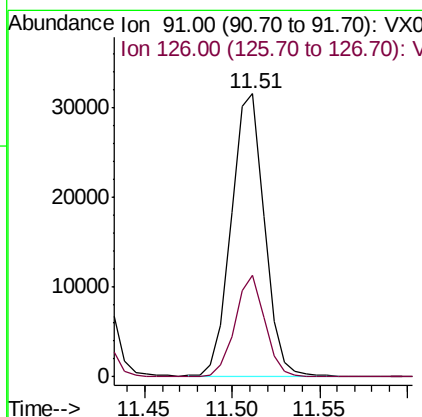
RT: 11.51 min Scan# 1699

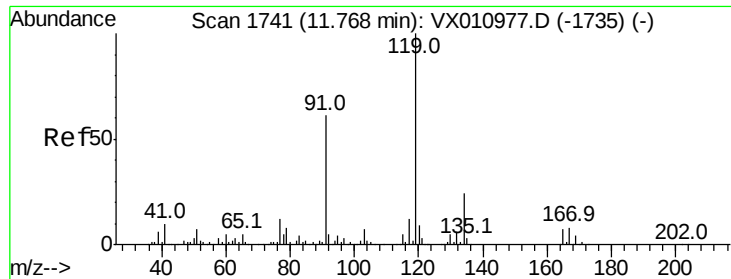
Delta R.T. 0.01 min

Lab File: VX010976.D

Acq: 18 Jul 2019 22:22

Tgt Ion:	91	Resp:	41964
Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	63.6





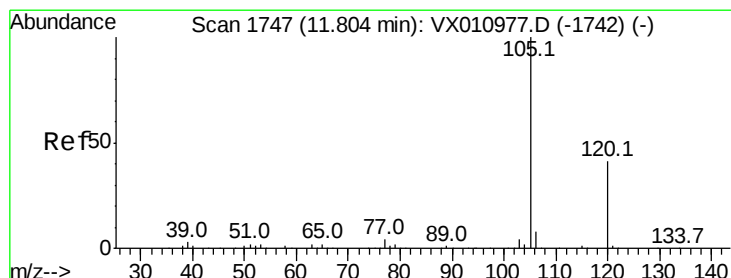
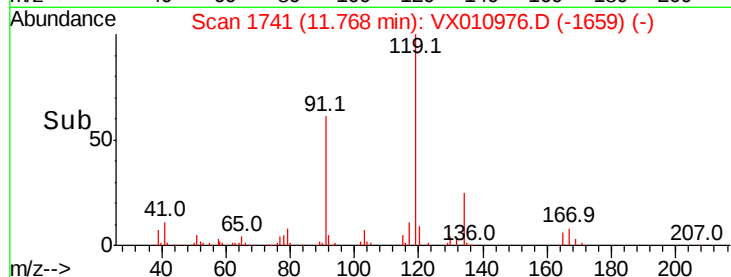
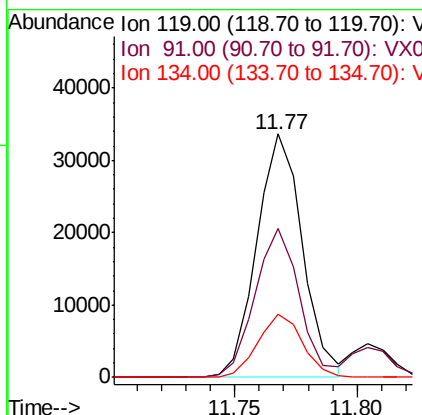
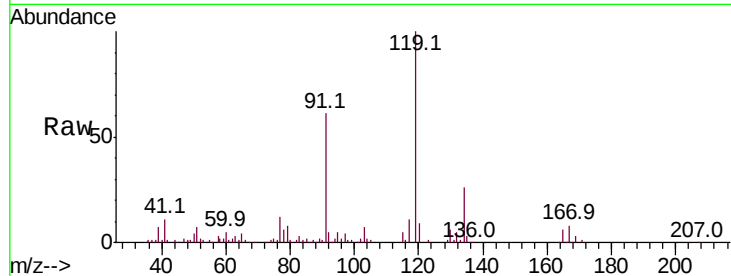
#79
tert-butylbenzene
Concen: 4.709 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	43995		
91	59.9		0.0	118.4
134	25.4		0.0	47.4

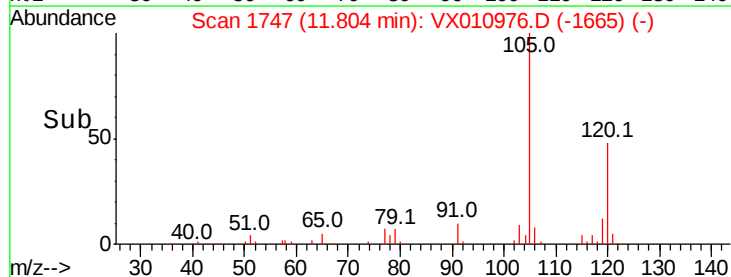
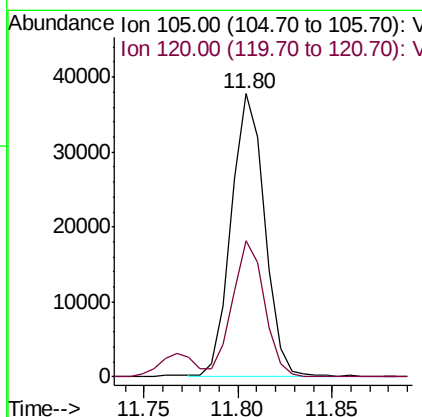
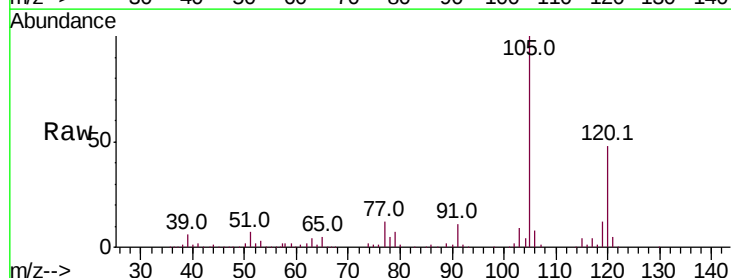
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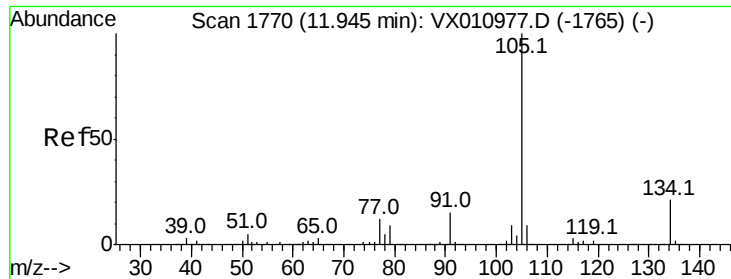
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#80
1,2,4-Trimethylbenzene
Concen: 4.796 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	46604		
120	46.6		0.0	91.6





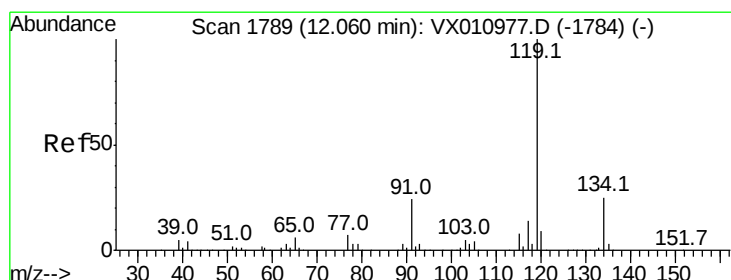
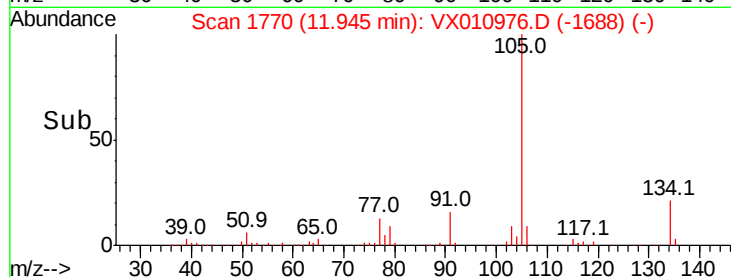
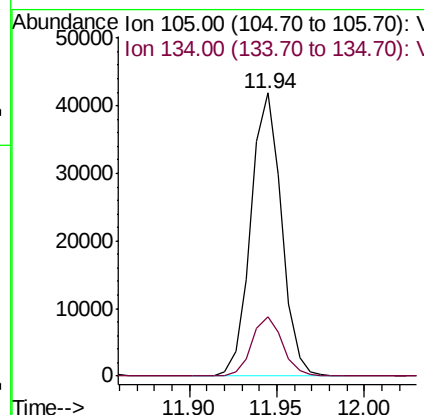
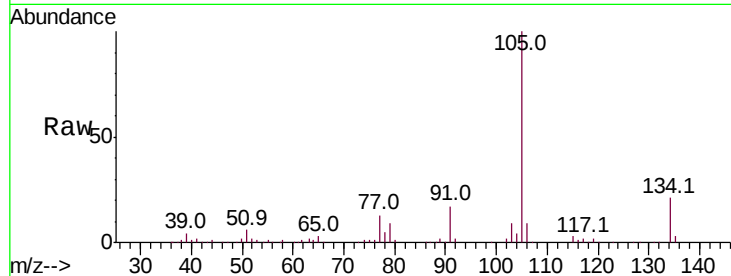
#81
 sec-Butylbenzene
 Concen: 4.588 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	0.0	41.8

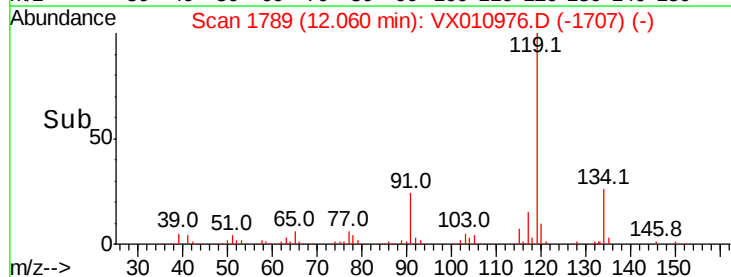
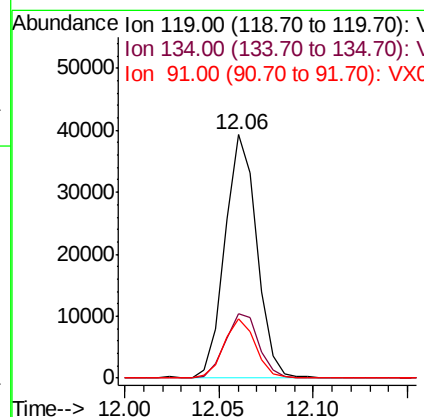
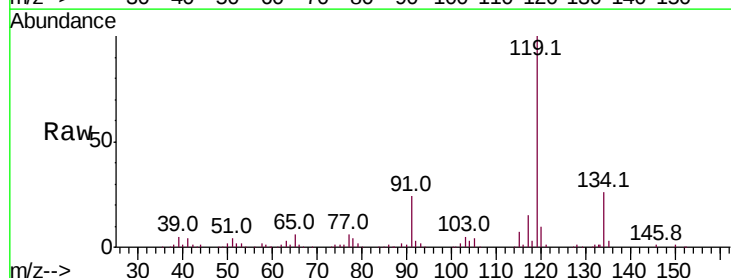
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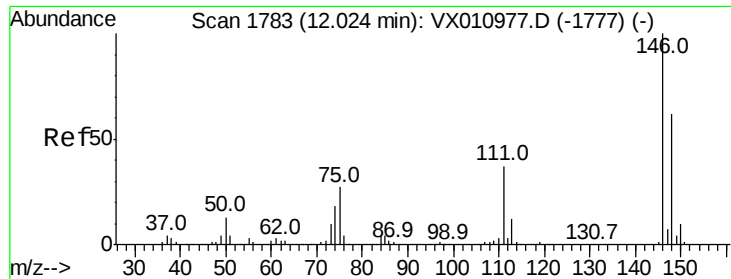
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#82
 p-Isopropyltoluene
 Concen: 4.553 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.7	0.0	52.8
91	23.8	0.0	47.0





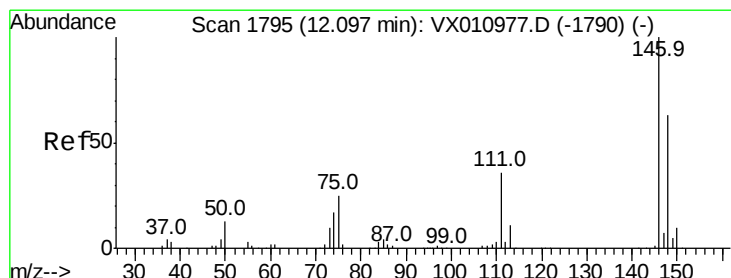
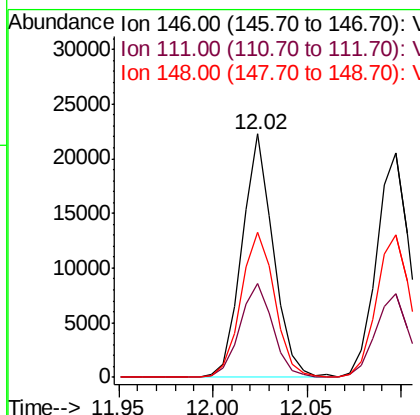
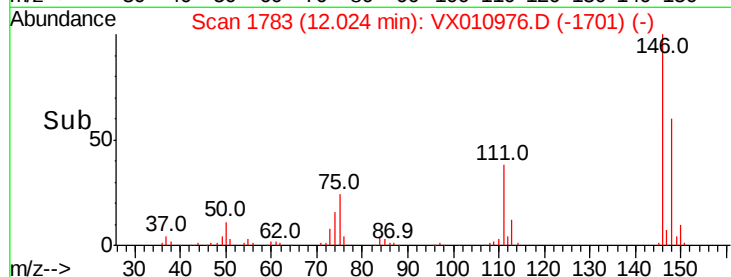
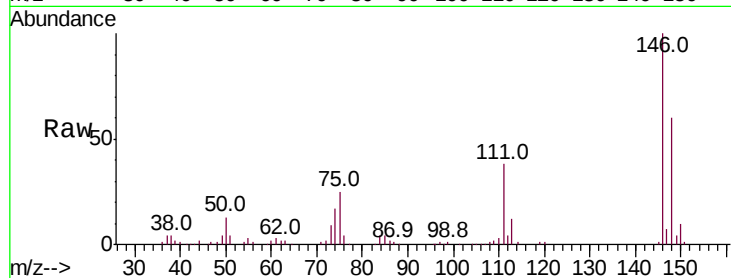
#83
 1,3-Dichlorobenzene
 Concen: 4.992 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.9	56.9
148	64.1	31.4	94.0

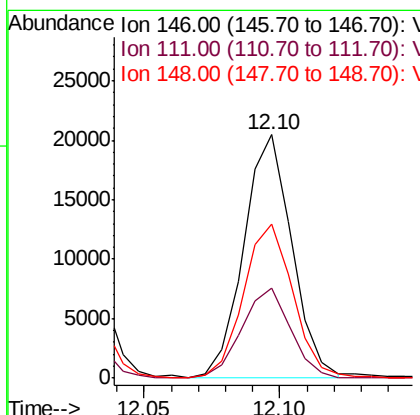
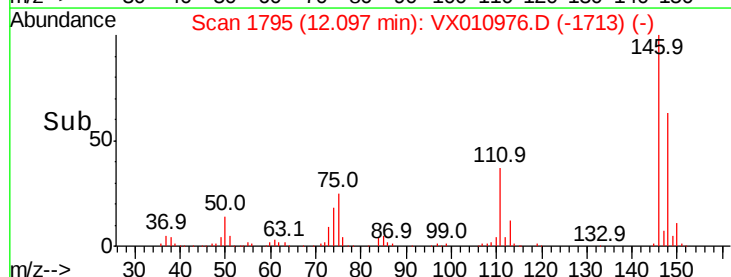
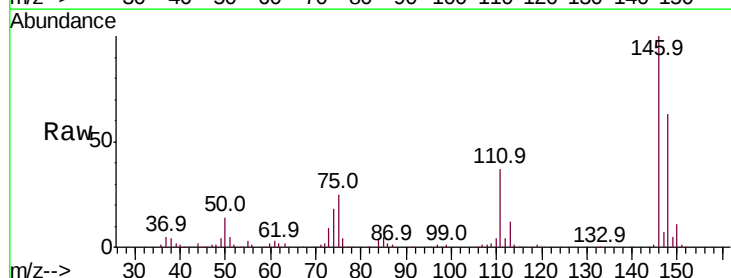
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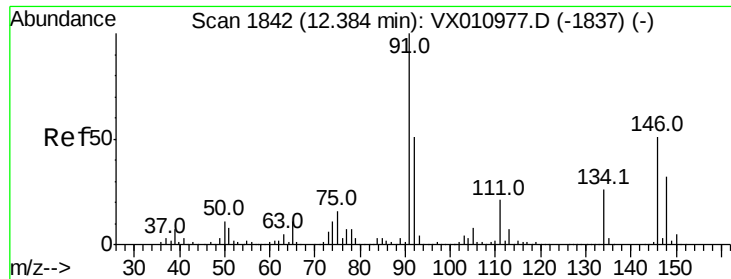
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#84
 1,4-Dichlorobenzene
 Concen: 4.837 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.5	55.5
148	66.1	32.0	96.0





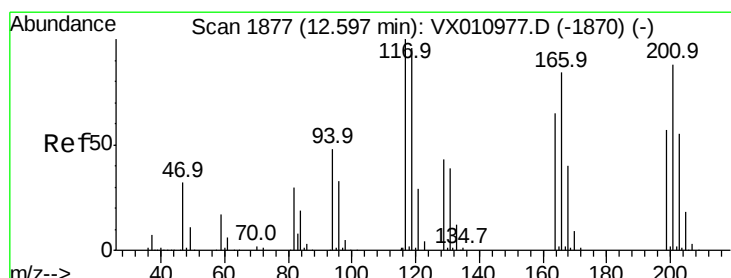
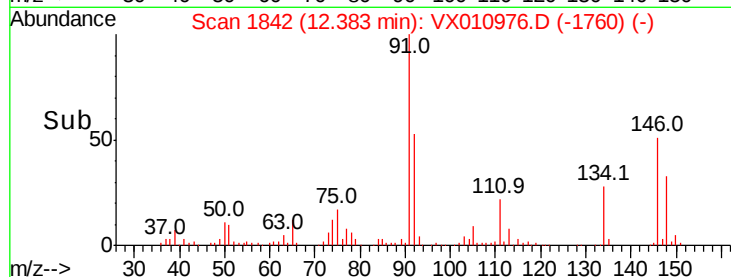
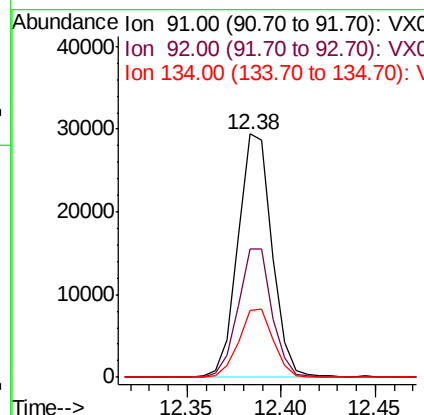
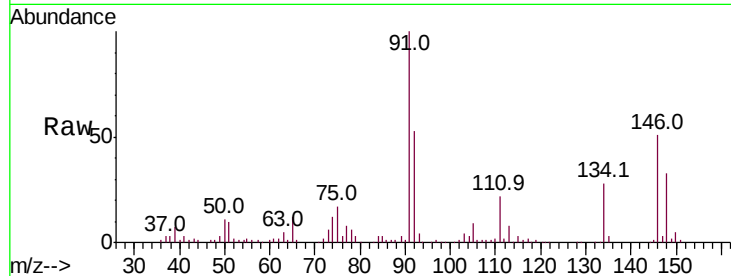
#85
n-Butylbenzene
Concen: 4.019 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	36897		
92	52.6		0.0	103.6
134	28.5		0.0	54.2

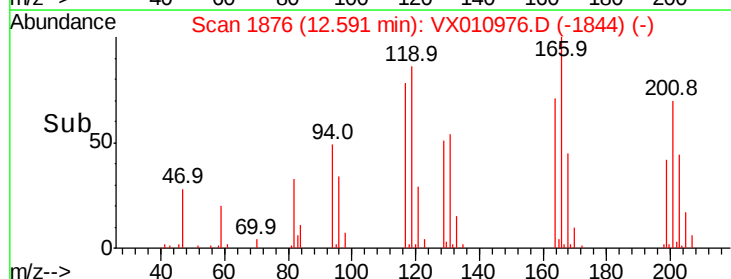
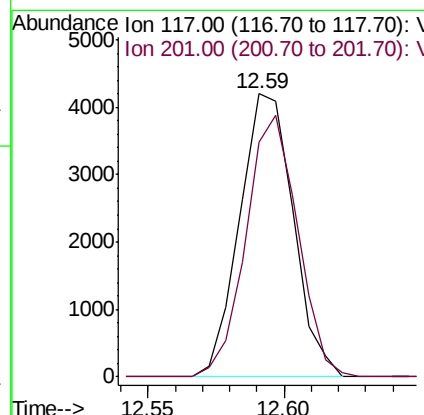
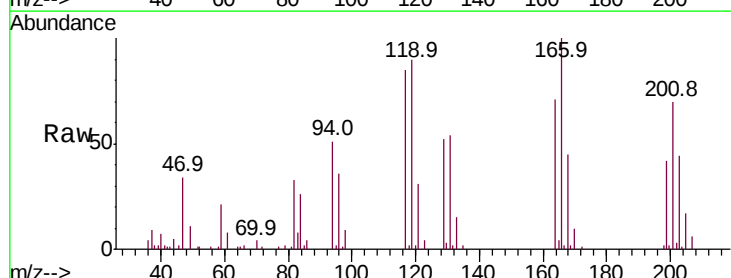
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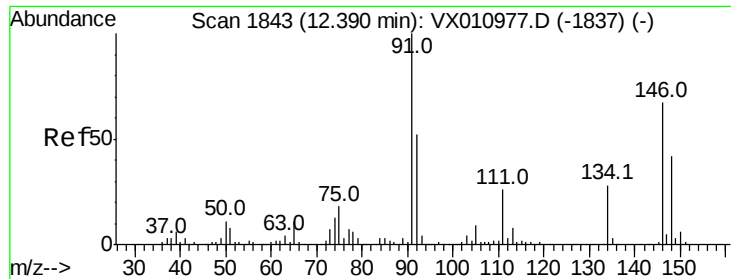
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#86
Hexachloroethane
Concen: 3.432 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	5744		
201	88.8		42.1	126.3





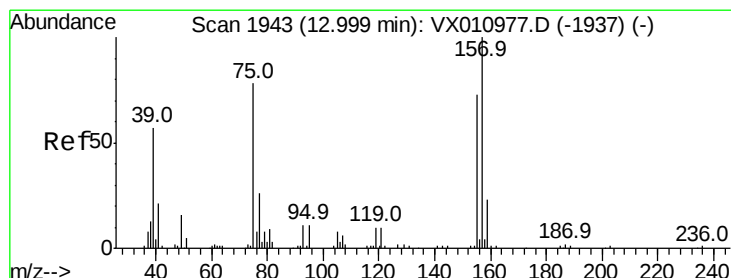
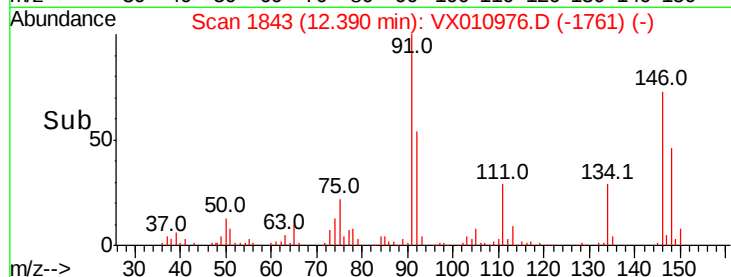
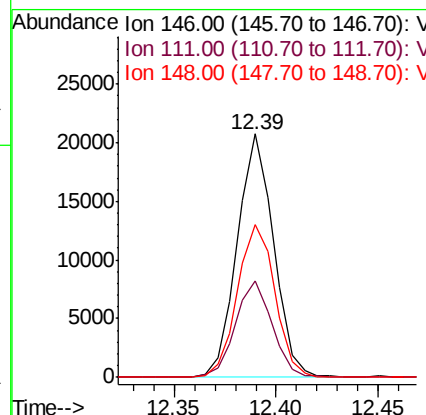
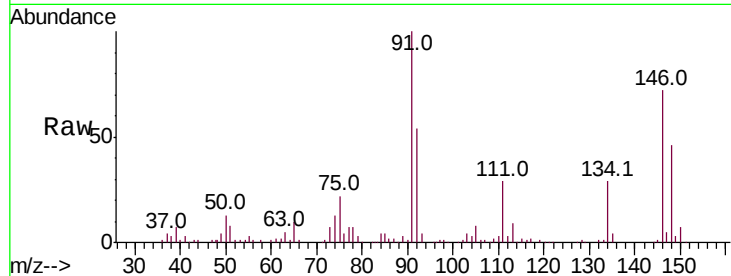
#87
 1,2-Dichlorobenzene
 Concen: 4.945 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	64.8	31.5	94.5

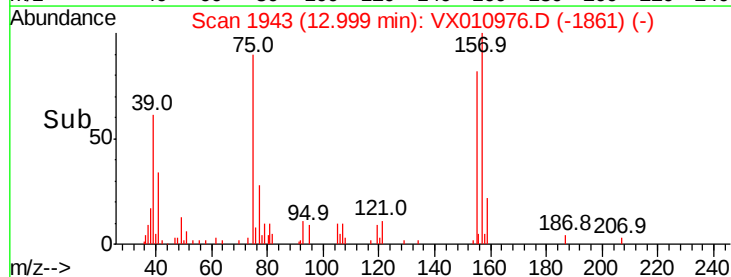
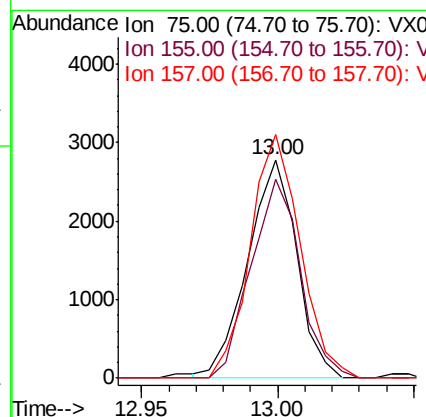
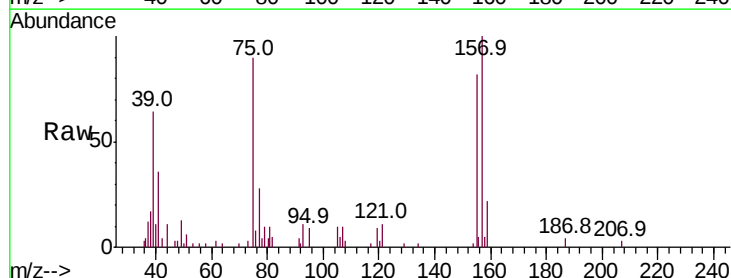
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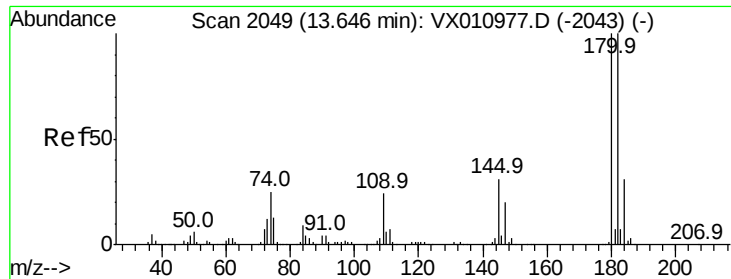
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.708 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	76.6	115.0
157	113.6	101.0	151.4





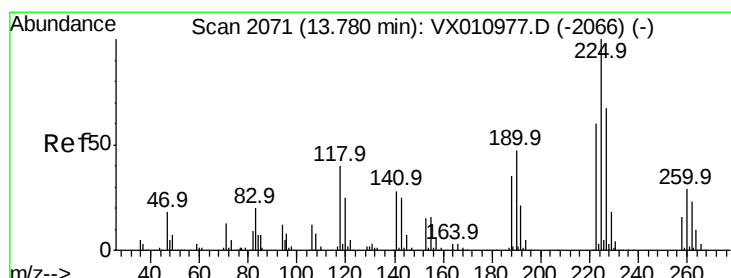
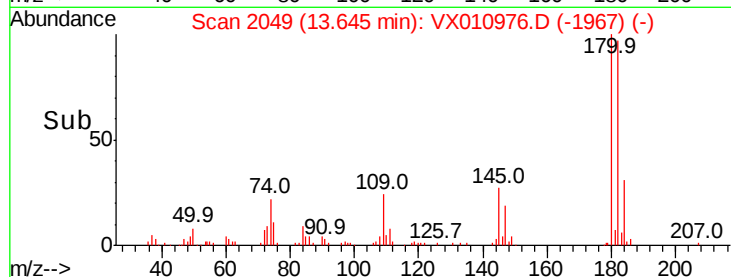
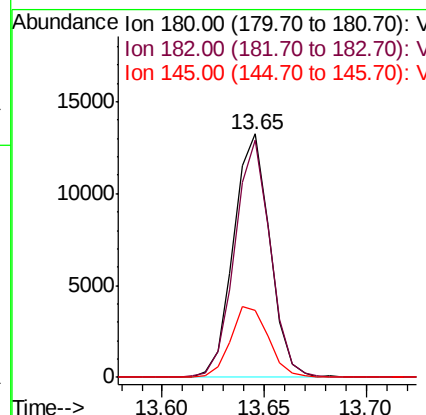
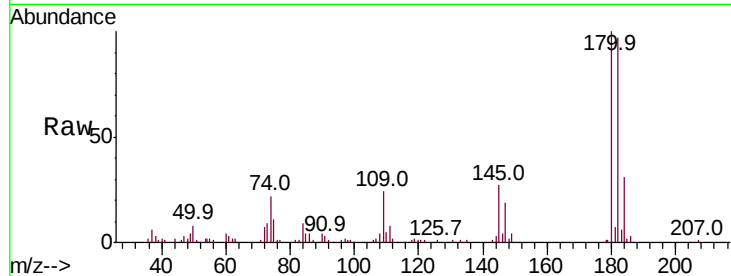
#89
 1,2,4-Trichlorobenzene
 Concen: 4.458 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.6	116.4
145	30.3	23.8	35.6

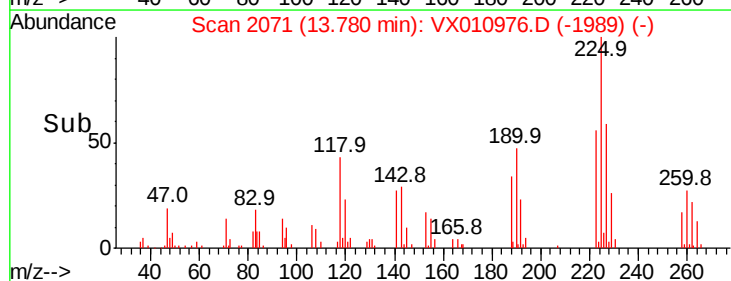
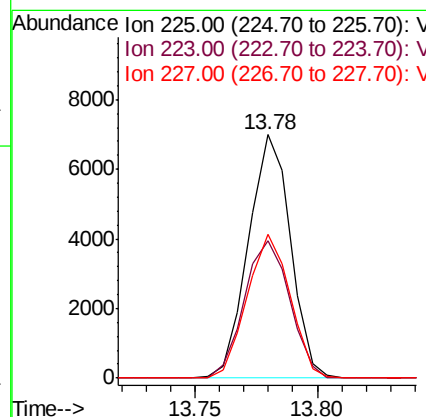
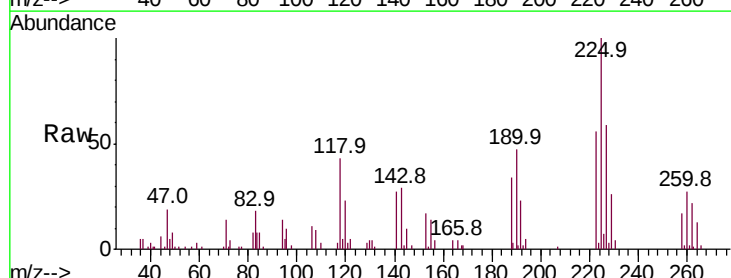
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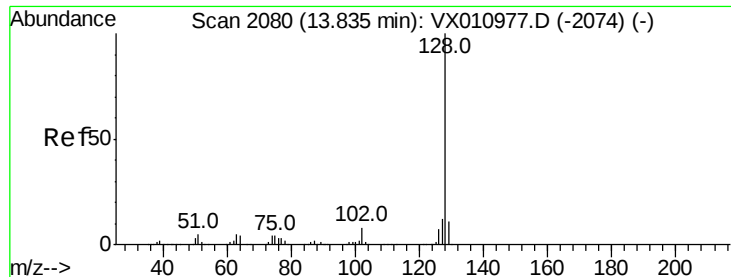
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#90
 Hexachlorobutadiene
 Concen: 4.614 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010976.D
 Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	0.0	121.4
227	60.3	0.0	126.6





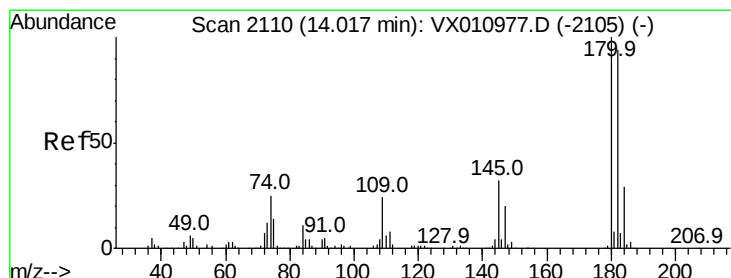
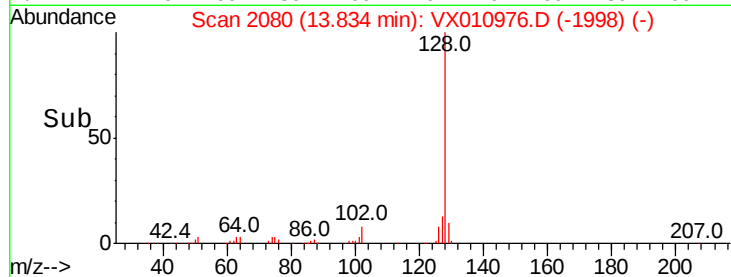
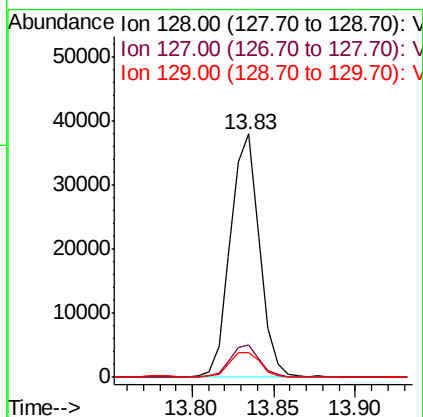
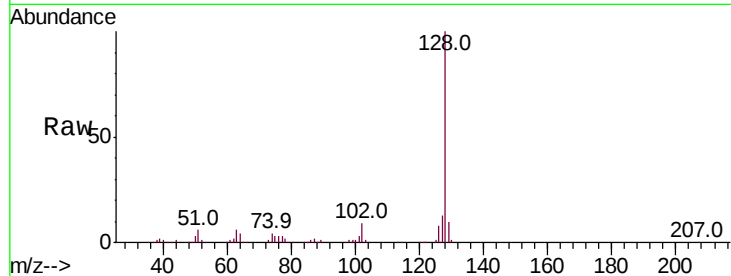
#91
Naphthalene
Concen: 4.012 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	11.2	8.5	12.7

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 4.519 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010976.D
Acq: 18 Jul 2019 22:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	0.0	190.2
145	32.0	0.0	63.8

