

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018249.D
 Acq On : 04 Sep 2020 10:17
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:16:44 PM

Quant Time: Sep 04 12:10:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	80846	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	413239	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	400282	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	197981	30.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.10%
60) 4-Bromofluorobenzene	11.12	95	200911	29.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.23%
63) Toluene-d8	8.70	98	528824	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	23411	5.071 ug/l	95
3) Chloromethane	1.31	50	23691	5.061 ug/l	98
4) Vinyl Chloride	1.39	62	24380	5.176 ug/l	100
5) Bromomethane	1.63	94	17569	5.803 ug/l	81
6) Chloroethane	1.71	64	15336	5.599 ug/l	94
7) Trichlorofluoromethane	1.92	101	43396	5.761 ug/l	94
8) Diethyl Ether	2.17	74	13084	5.717 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	22265	6.153 ug/l	100
10) 1,1-Dichloroethene	2.36	96	21011	6.106 ug/l	89
11) Methyl Iodide	2.49	142	11445	2.964 ug/l	92
12) Methyl Acetate	2.75	43	25994	5.229 ug/l	100
13) Acrolein	2.28	56	12529	19.435 ug/l	97
14) Acrylonitrile	3.11	53	58438	27.850 ug/l	99
15) Acetone	2.42	58	17810	30.794 ug/l	87
16) Carbon Disulfide	2.55	76	62756	6.803 ug/l	100
17) Allyl chloride	2.71	41	35750	5.633 ug/l	98
18) Methylene Chloride	2.84	84	26239	6.546 ug/l	93
19) trans-1,2-Dichloroethene	3.15	96	23284	6.393 ug/l	82
20) Diisopropyl ether	3.82	45	70415	5.545 ug/l #	76
21) 1,1-Dichloroethane	3.67	63	42430	6.113 ug/l	97
22) cis-1,2-Dichloroethene	4.56	96	25007m	5.800 ug/l	
23) tert-Butyl Alcohol	3.01	59	27216	28.511 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	70001	5.408 ug/l	99
25) Chloroform	5.17	83	45796	6.014 ug/l	96
26) Cyclohexane	5.55	56	31923	5.402 ug/l #	53
29) 1,1-Dichloropropene	5.77	75	30854	5.999 ug/l	86
30) 2-Butanone	4.63	43	83887	29.258 ug/l #	84
31) 2,2-Dichloropropane	4.55	77	39342m	6.123 ug/l	
32) 1,1,1-Trichloroethane	5.46	97	42128	6.111 ug/l	99
33) Carbon Tetrachloride	5.75	117	38856	6.091 ug/l	98
34) Benzene	6.10	78	90209	6.144 ug/l #	94
35) Methacrylonitrile	5.00	41	16194	5.224 ug/l	91
36) 1,2-Dichloroethane	6.16	62	37031	6.017 ug/l #	100
37) Trichloroethene	7.19	130	27675	6.460 ug/l	88
38) Methylcyclohexane	7.44	83	30854	5.163 ug/l	100
39) 1,2-Dichloropropane	7.49	63	24984	6.291 ug/l	97
40) Dibromomethane	7.63	93	18054	6.367 ug/l	98

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 Acq On : 04 Sep 2020 10:17
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

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 9/8/2020 5:16:44 PM

Quant Time: Sep 04 12:10:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.87	83	36462	5.942	ug/l	93
42) Vinyl Acetate	3.78	43	297584	30.020	ug/l	99
43) Ethyl Acetate	4.79	43	33665	6.131	ug/l #	89
44) Isopropyl Acetate	6.41	43	52716	5.636	ug/l	95
45) 1,4-Dioxane	7.71	88	9111	104.797	ug/l #	83
46) Methyl methacrylate	7.74	41	24911	5.459	ug/l	97
47) n-amyl Acetate	10.88	43	40404	5.207	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	34336	5.220	ug/l	95
49) cis-1,3-Dichloropropene	8.41	75	38880	5.480	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	24376	6.133	ug/l	95
51) Ethyl methacrylate	9.16	69	29970	5.139	ug/l	95
52) 1,3-Dichloropropane	9.35	76	40022	6.093	ug/l	100
53) Dibromochloromethane	9.56	129	28862	5.681	ug/l	97
54) 1,2-Dibromoethane	9.65	107	26193	5.974	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	75287	23.851	ug/l	98
56) Bromoform	10.84	173	21921	5.817	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	156691	26.693	ug/l	100
59) 2-Hexanone	9.47	43	114771	26.991	ug/l	96
61) Tetrachloroethene	9.32	164	27422	6.123	ug/l #	81
62) Toluene	8.76	91	101997	6.147	ug/l	97
64) Chlorobenzene	10.12	112	64139	5.788	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.20	131	26395	5.826	ug/l	98
66) Ethyl Benzene	10.24	91	102591	5.560	ug/l	94
67) m/p-Xylenes	10.34	106	77342	11.137	ug/l	94
68) o-Xylene	10.68	106	35003	5.170	ug/l	94
69) Styrene	10.70	104	58743	4.951	ug/l	98
70) Isopropylbenzene	11.00	105	96988	4.958	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	36810	6.430	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	35851m	6.338	ug/l	
73) Bromobenzene	11.24	156	29968	5.756	ug/l	99
74) n-propylbenzene	11.34	91	118414	5.261	ug/l	99
75) 2-Chlorotoluene	11.40	91	73610	5.397	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	85483	5.172	ug/l	97
77) t-1,4-Dichloro-2-butene	11.06	75	12422	5.609	ug/l	92
78) 4-Chlorotoluene	11.49	91	87616	5.509	ug/l	98
79) tert-butylbenzene	11.76	119	79465	4.904	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	80179	4.670	ug/l	96
81) sec-Butylbenzene	11.93	105	94729	4.924	ug/l	97
82) p-Isopropyltoluene	12.05	119	86444	4.922	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	53800	5.638	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	52846	5.580	ug/l	97
85) n-Butylbenzene	12.37	91	76117	4.578	ug/l	97
86) Hexachloroethane	12.58	117	18485	4.978	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	49580	5.275	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	8832	5.603	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	30333	4.669	ug/l	99
90) Hexachlorobutadiene	13.76	225	13251	4.455	ug/l	83
91) Naphthalene	13.82	128	84389	4.365	ug/l	98
92) 1,2,3-Trichlorobenzene	14.00	180	30233	4.822	ug/l	97

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Data File : VX018249.D
Acq On : 04 Sep 2020 10:17
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Quant Time: Sep 04 12:10:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 11:54:34 2020
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

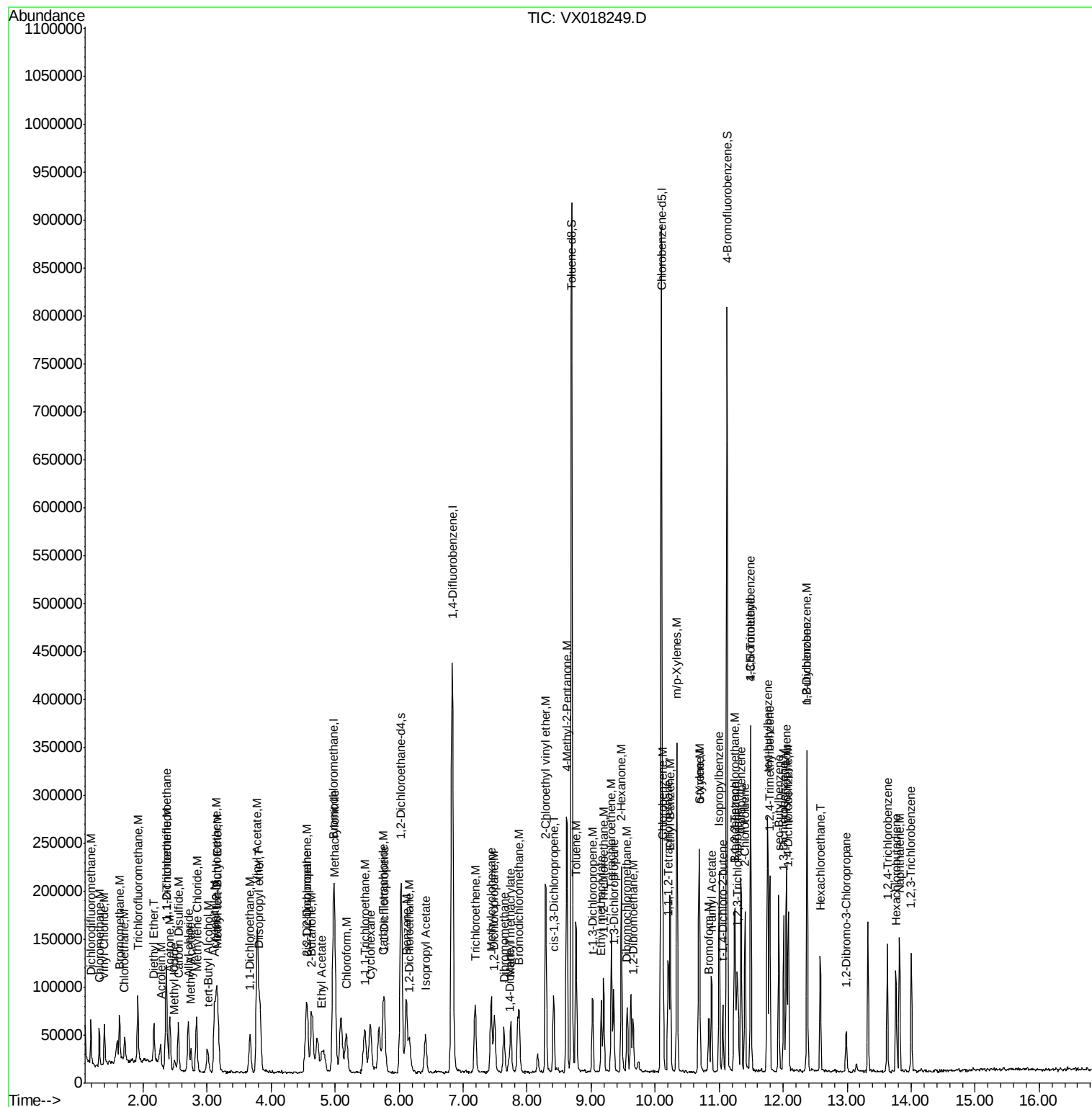
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Data File : VX018249.D
Acq On : 04 Sep 2020 10:17
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

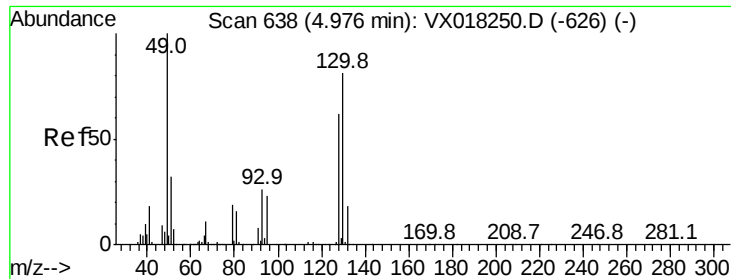
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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Quant Time: Sep 04 12:10:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
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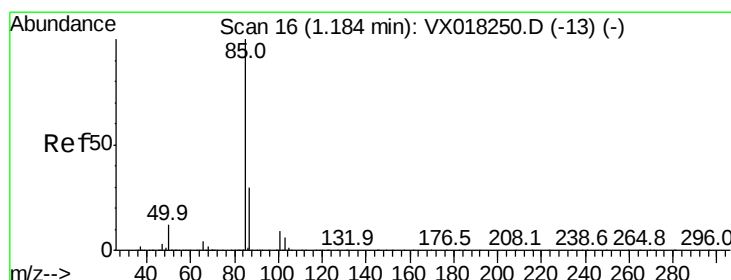
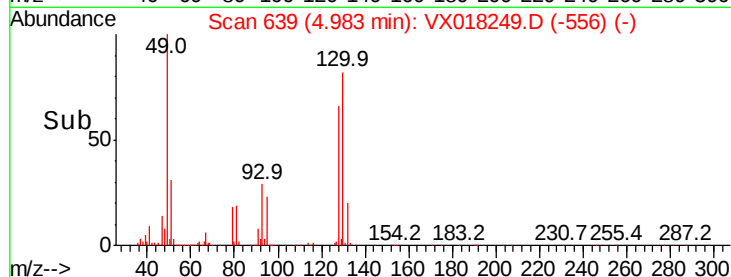
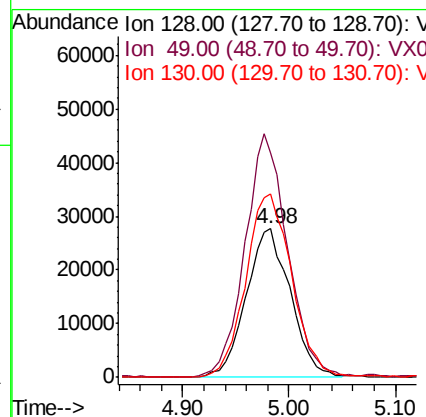
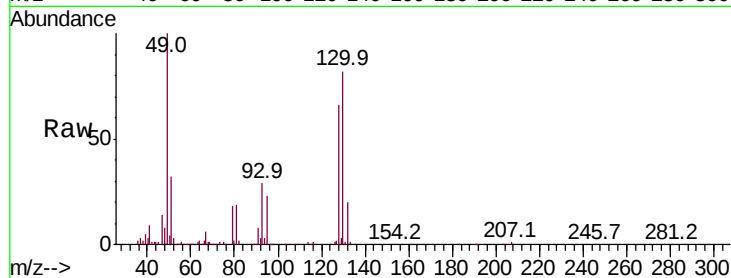
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
49	155.9	0.0	392.0
130	127.8	0.0	320.2

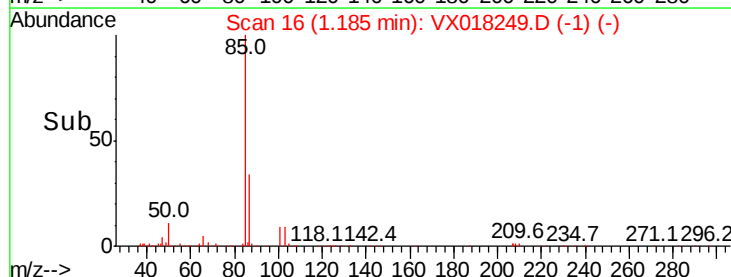
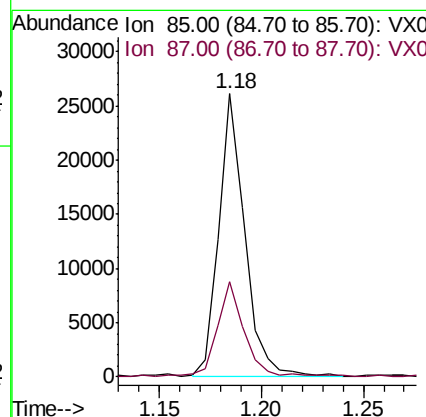
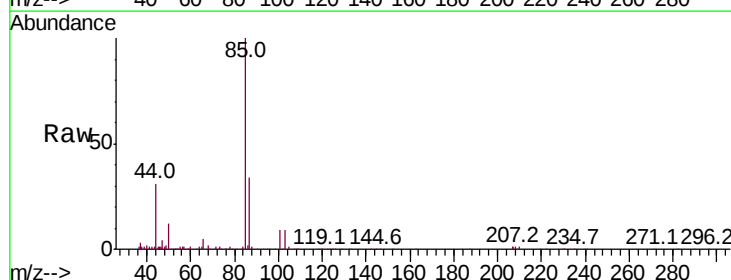
Manual Integrations
 APPROVED

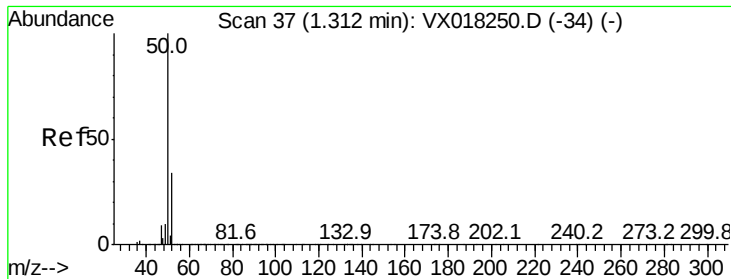
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#2
 Dichlorodifluoromethane
 Concen: 5.071 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.1	45.3





#3

Chloromethane

Concen: 5.061 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 23691

Ion Ratio Lower Upper

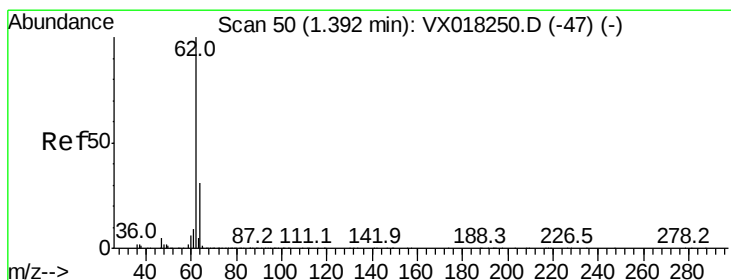
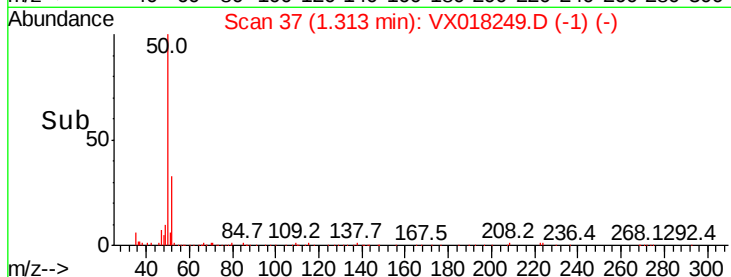
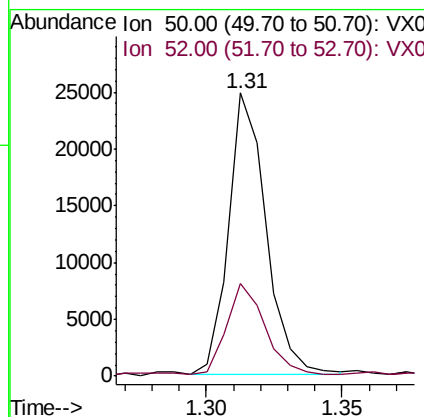
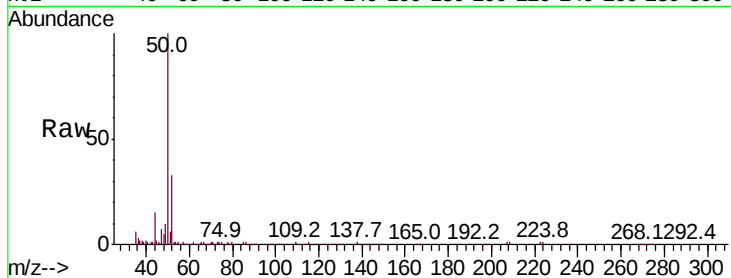
50 100

52 32.5 27.1 40.7

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 5.176 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018249.D

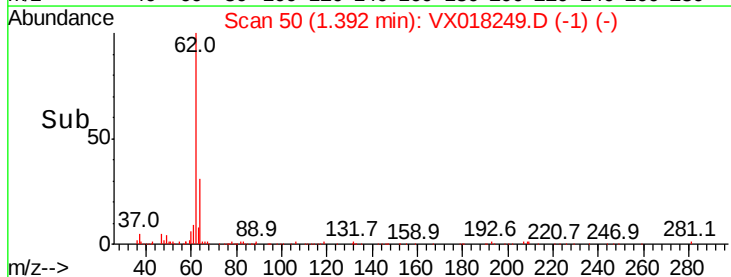
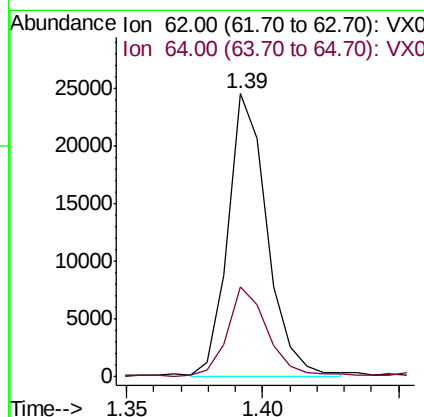
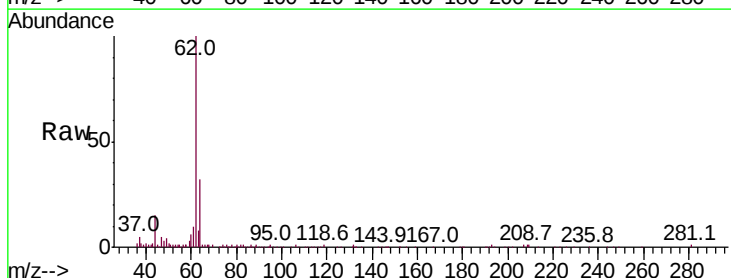
Acq: 04 Sep 2020 10:17

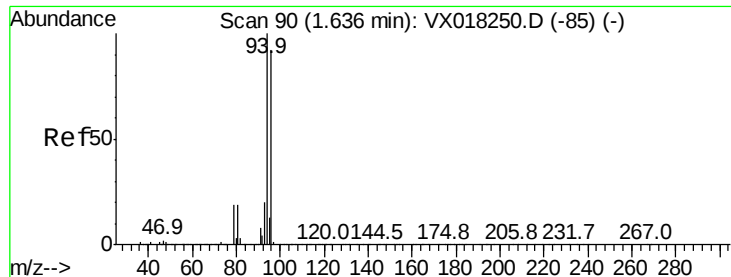
Tgt Ion: 62 Resp: 24380

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 5.803 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tot Ion: 94 Resp: 17569

Ion Ratio Lower Upper

94 100

96 110.8 73.9 110.9

Instrument :

MSVOA_X

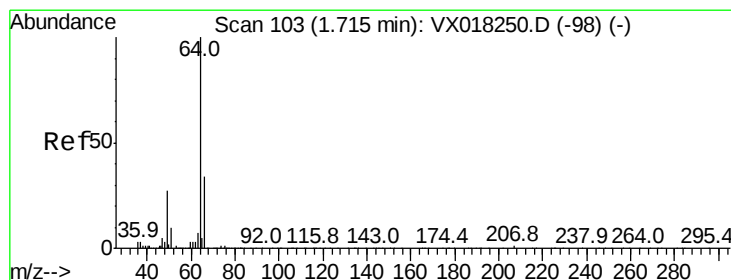
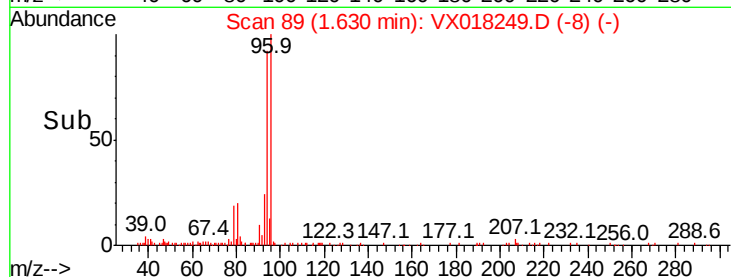
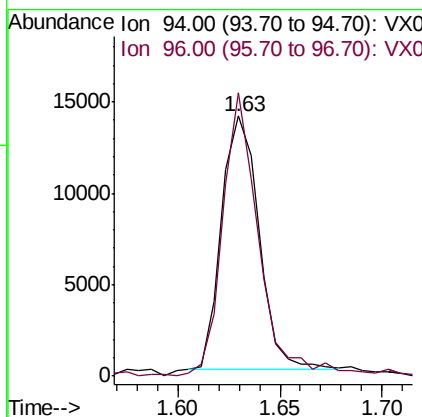
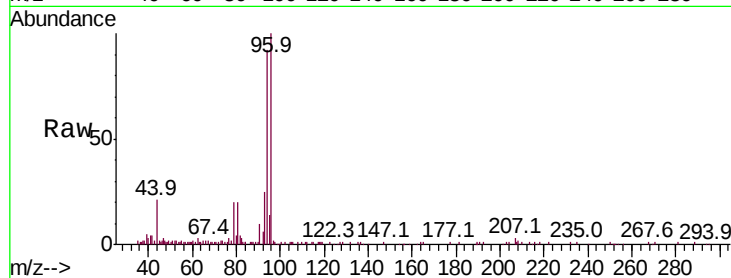
ClientSampleId :

VSTDIC005

Manual Integrations
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#6

Chloroethane

Concen: 5.599 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018249.D

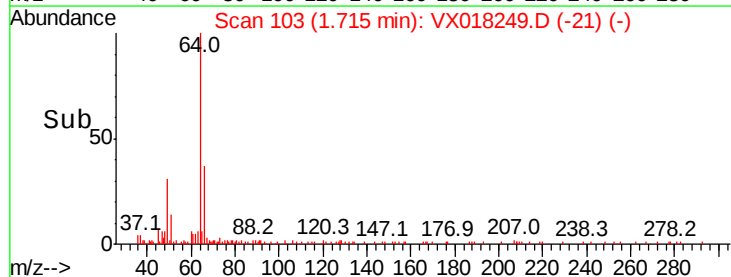
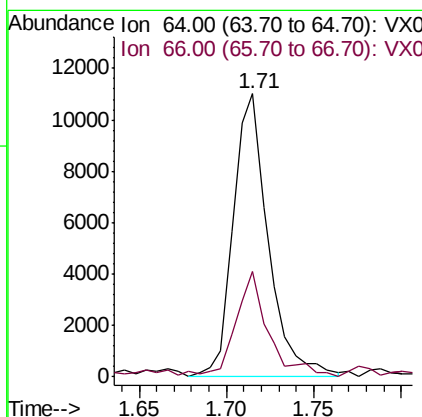
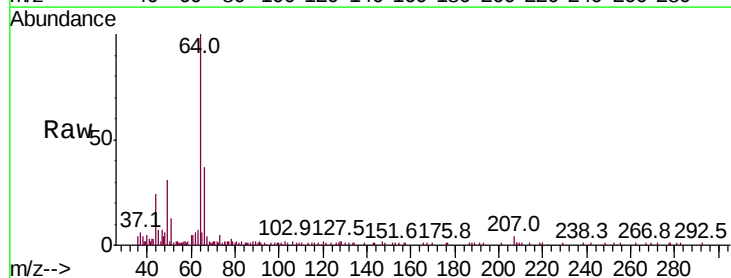
Acq: 04 Sep 2020 10:17

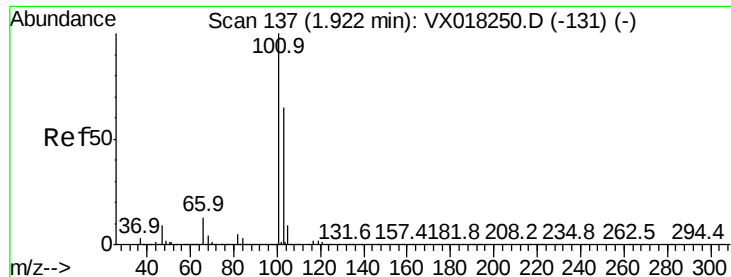
Tgt Ion: 64 Resp: 15336

Ion Ratio Lower Upper

64 100

66 37.4 27.0 40.4





#7

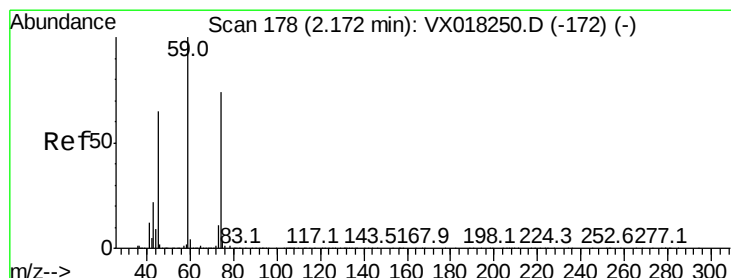
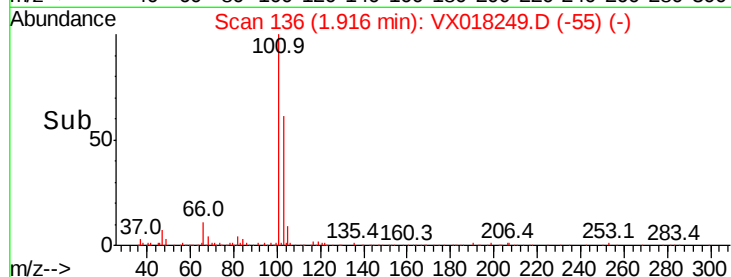
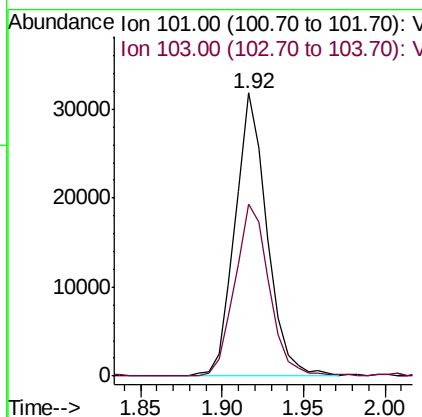
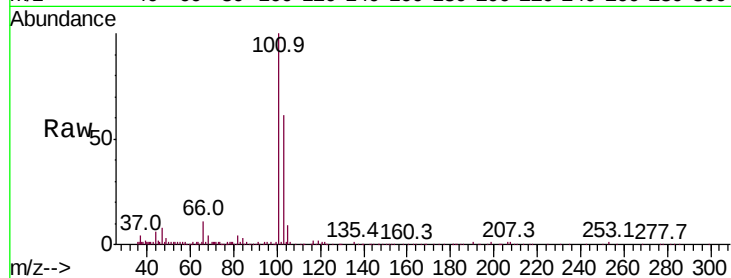
Trichlorofluoromethane
Concen: 5.761 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.5	52.3	78.5

Manual Integrations
APPROVED

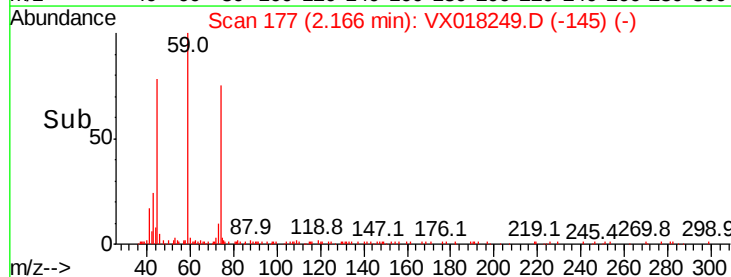
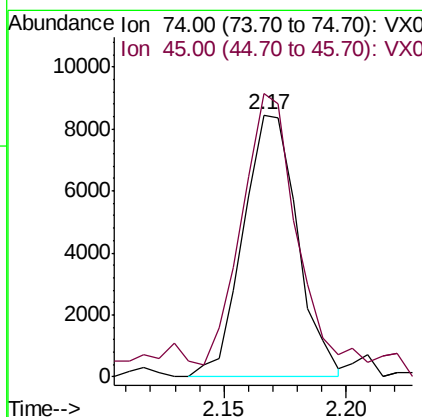
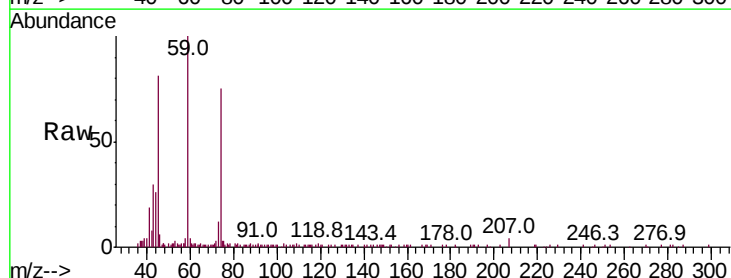
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9/8/2020 5:16:44 PM

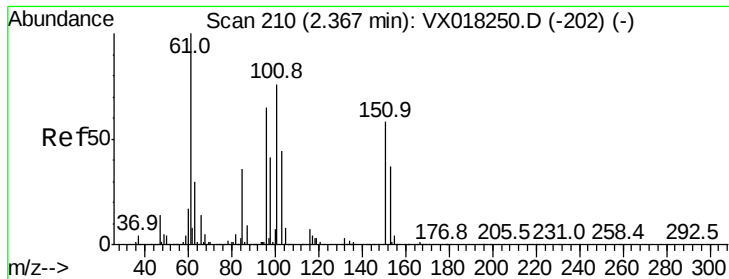


#8

Diethyl Ether
Concen: 5.717 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.153 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

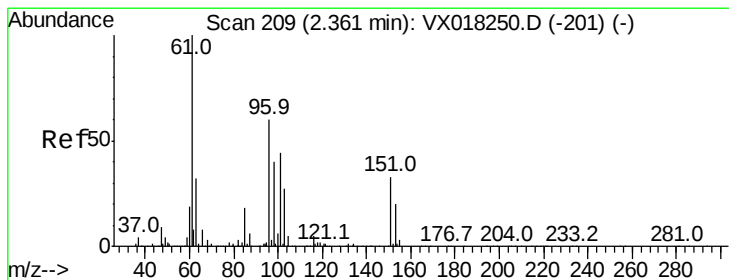
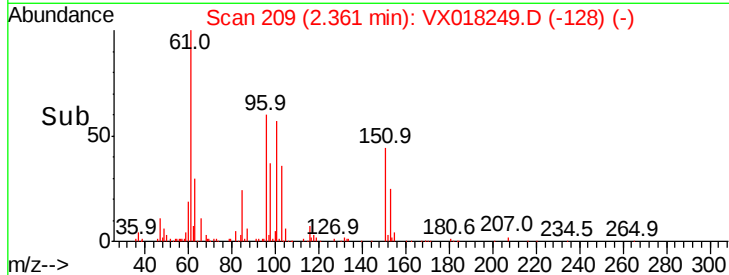
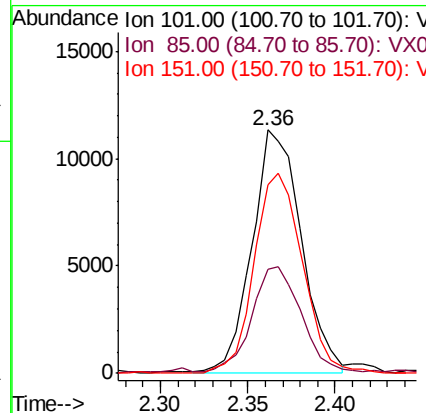
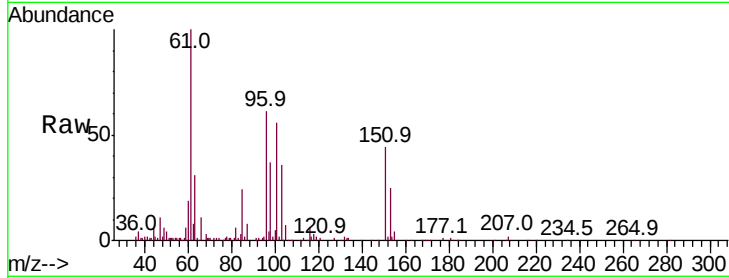
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	22265
Ion Ratio	Lower	Upper	
101	100		
85	44.2	0.0	87.8
151	80.5	0.0	161.4

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#10

1,1-Dichloroethene

Concen: 6.106 ug/l

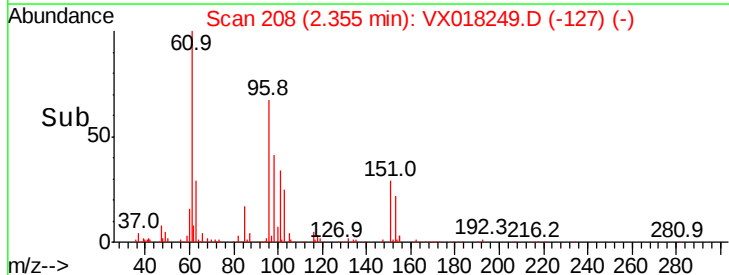
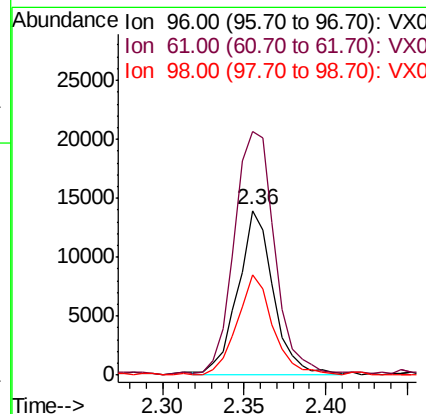
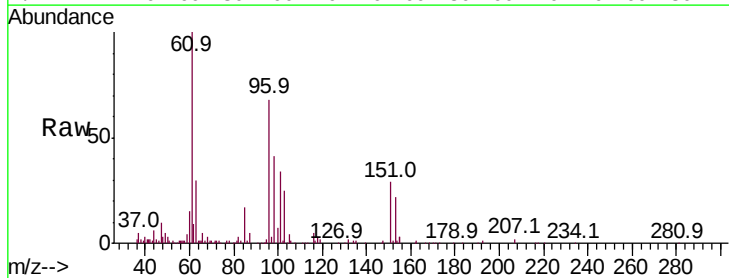
RT: 2.36 min Scan# 208

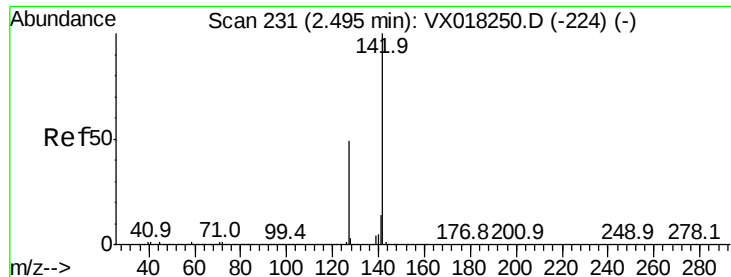
Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion:	96	Resp:	21011
Ion Ratio	Lower	Upper	
96	100		
61	148.4	132.5	198.7
98	61.3	52.4	78.6





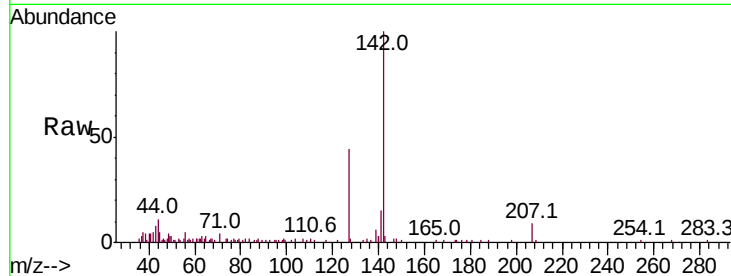
#11
Methvl Iodide
Concen: 2.964 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

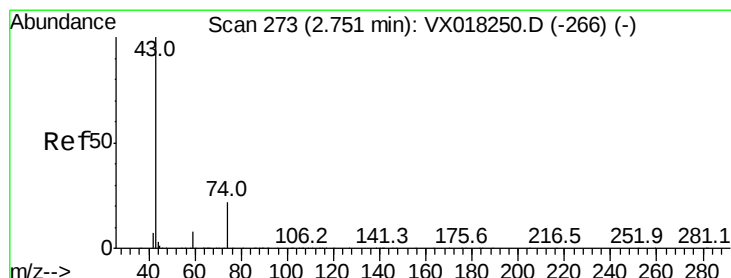
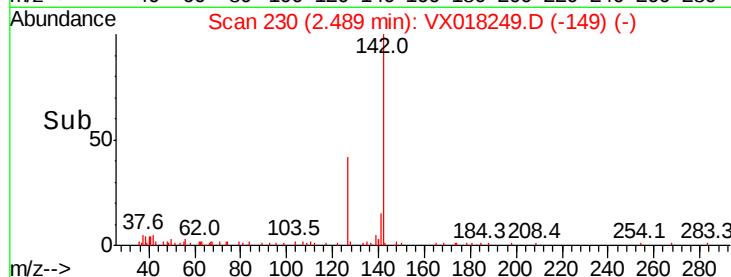
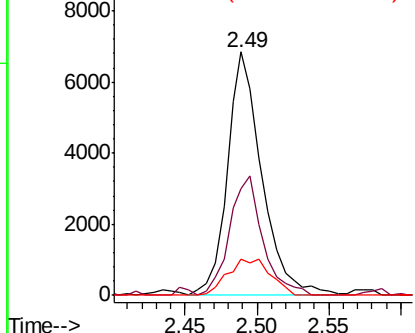
Tot Ion	Ratio	Lower	Upper
142	100		
127	42.8	24.6	74.0
141	15.0	7.0	21.0

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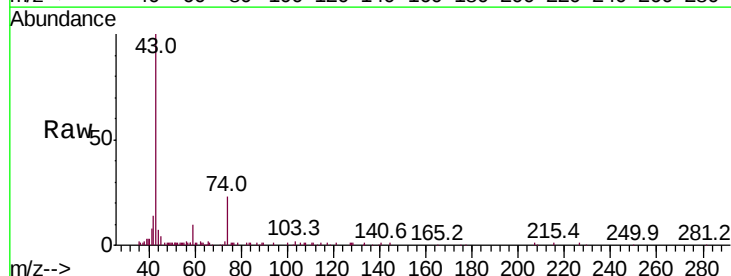


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

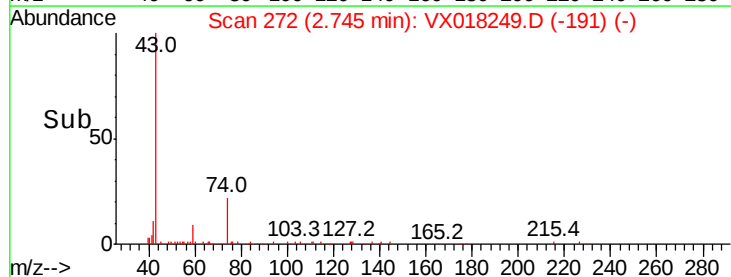
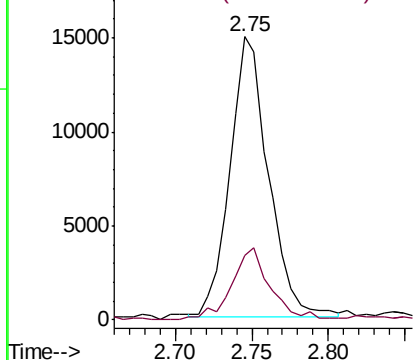


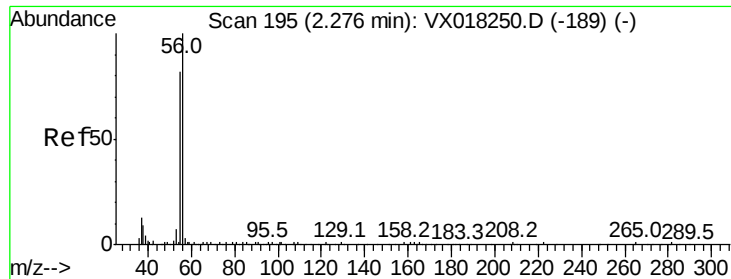
#12
Methyl Acetate
Concen: 5.229 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.0	27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 19.435 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 12529

Ion Ratio Lower Upper

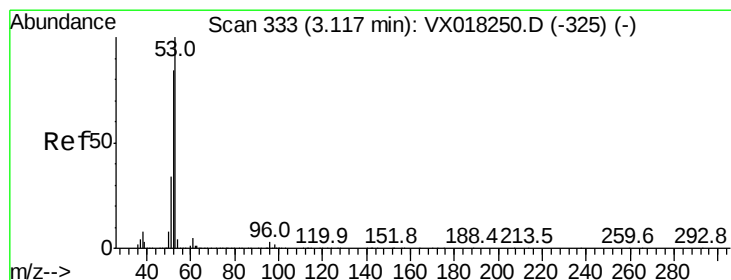
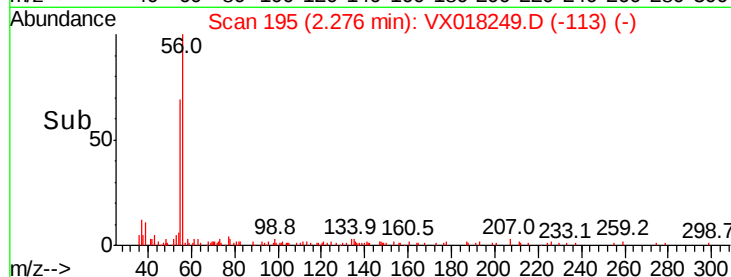
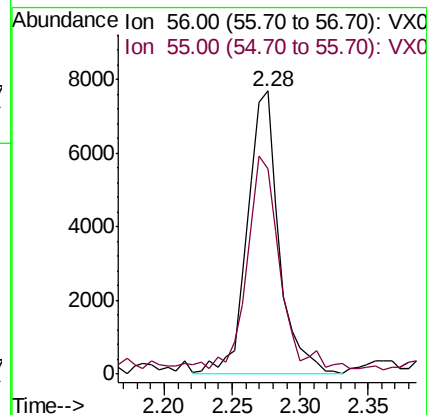
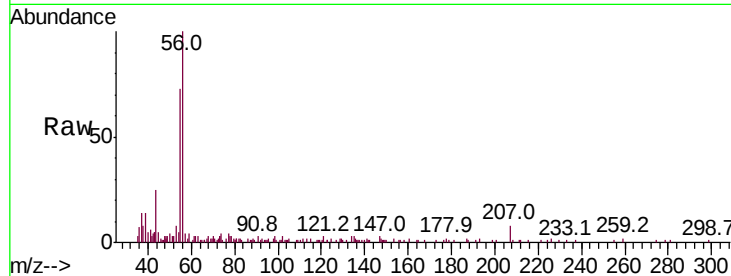
56 100

55 72.3 59.7 89.5

Manual Integrations
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#14

Acrylonitrile

Concen: 27.850 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

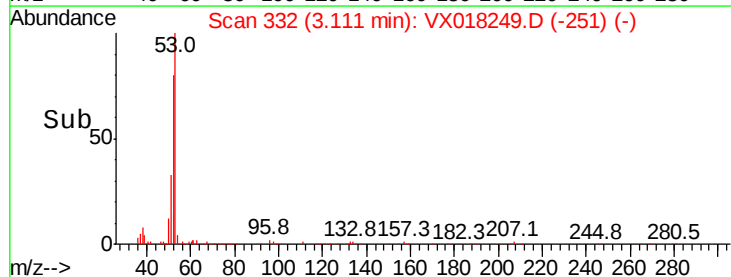
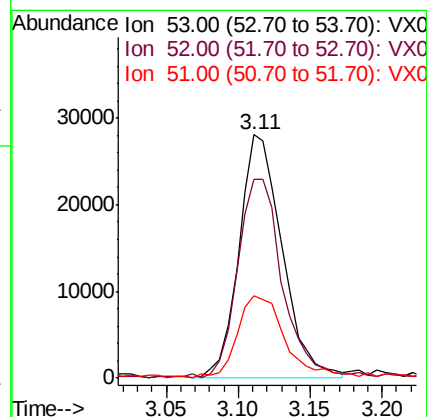
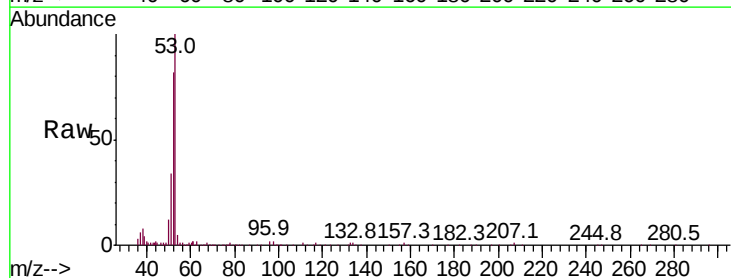
Tgt Ion: 53 Resp: 58438

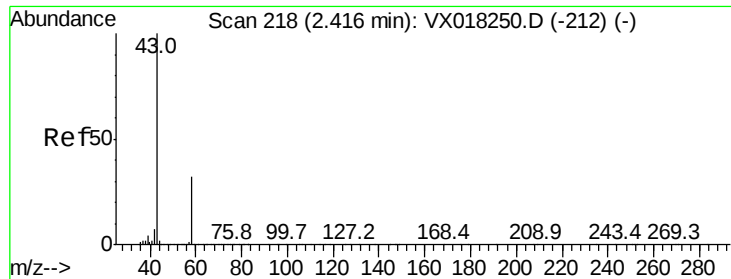
Ion Ratio Lower Upper

53 100

52 84.5 41.9 125.7

51 35.7 18.3 54.8





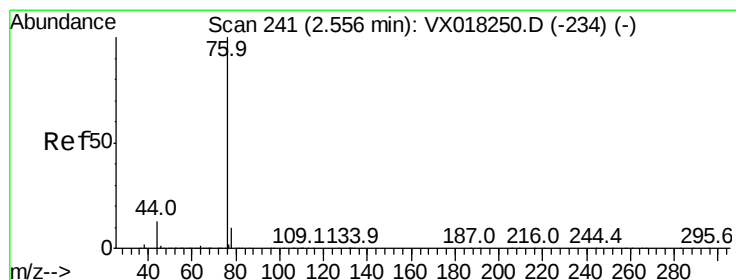
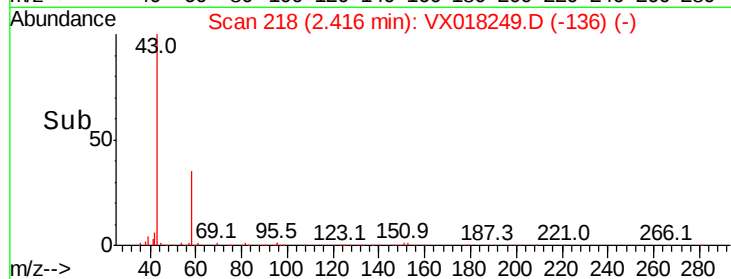
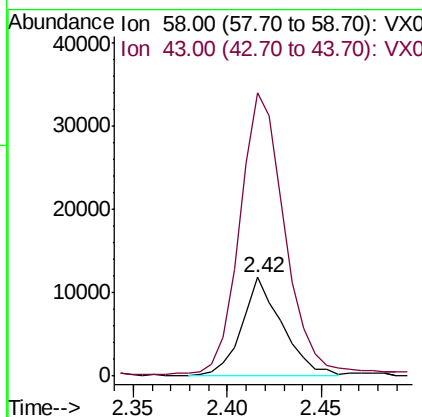
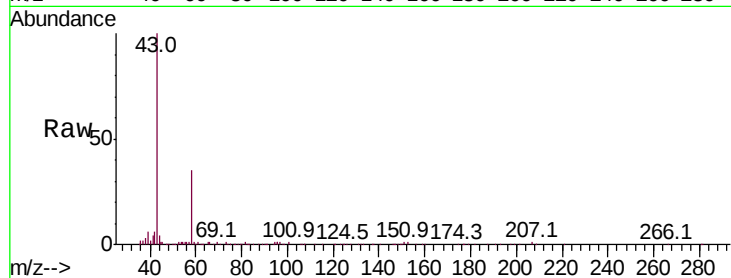
#15
Acetone
Concen: 30.794 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
58	100		
43	284.4	248.2	372.2

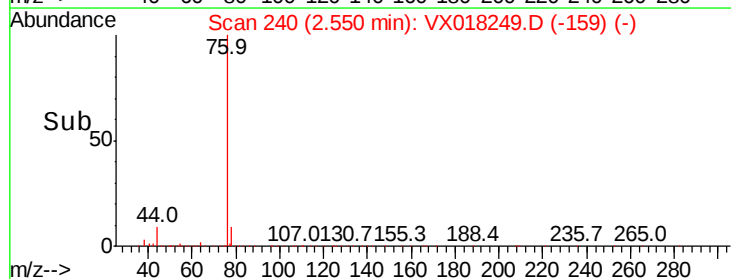
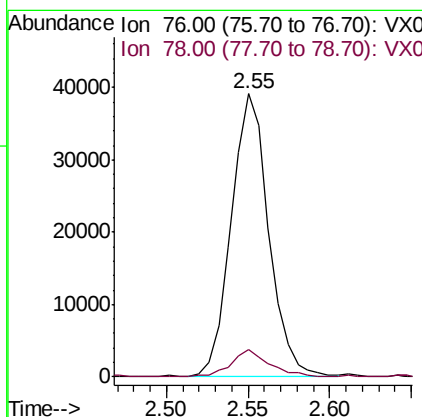
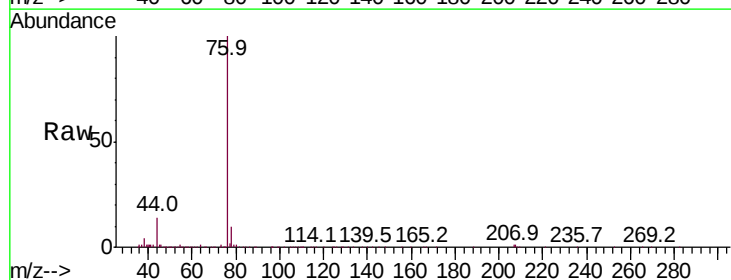
Manual Integrations
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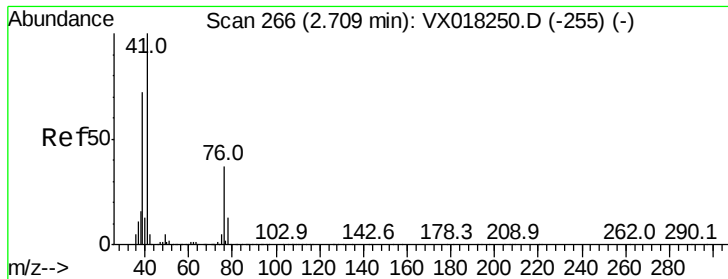
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#16
Carbon Disulfide
Concen: 6.803 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.8	11.6





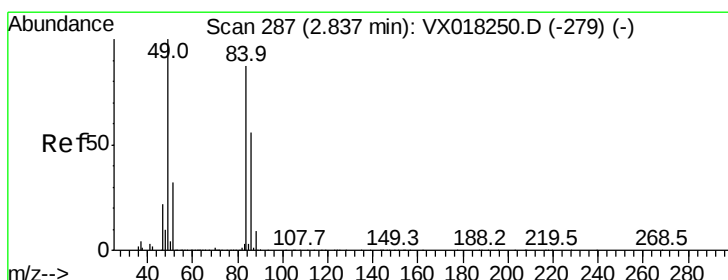
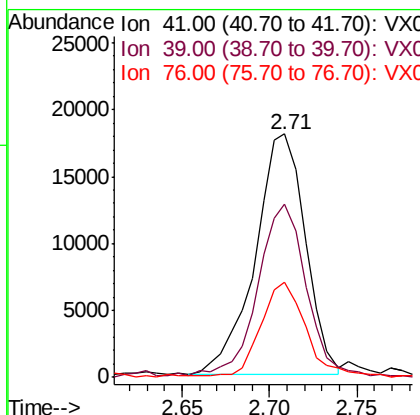
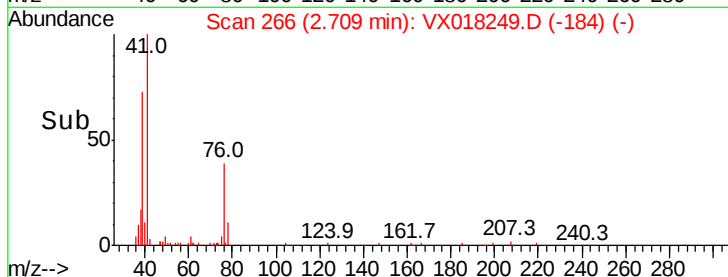
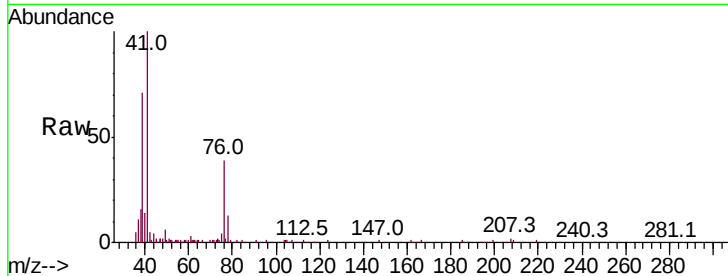
#17
Allvl chloride
Concen: 5.633 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	71.4	36.0	108.1	
76	39.0	18.6	55.6	

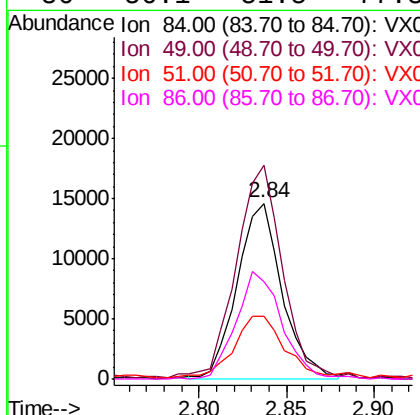
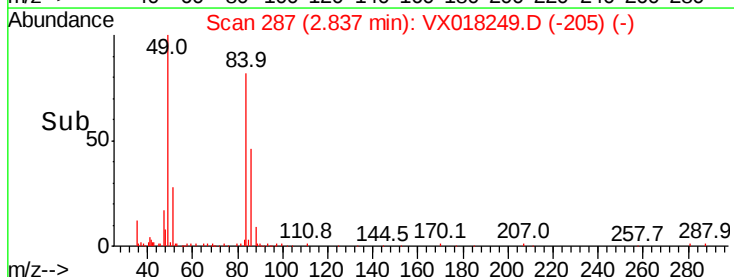
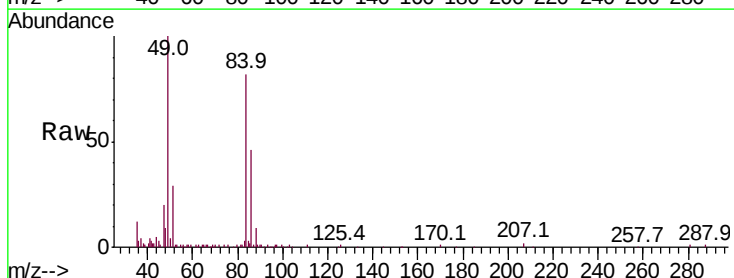
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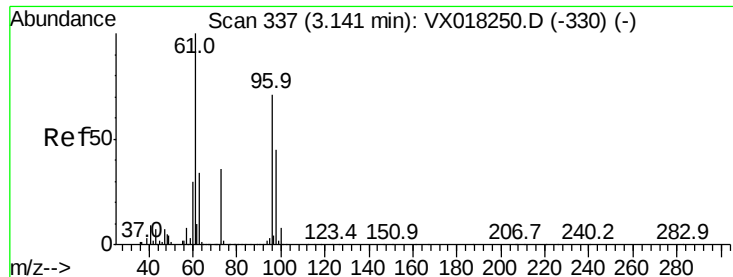
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#18
Methylene Chloride
Concen: 6.546 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	121.0	91.6	137.4	
51	33.5	29.4	44.0	
86	56.1	51.5	77.3	





#19

trans-1,2-Dichloroethene

Concen: 6.393 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 23284

Ion Ratio Lower Upper

96 100

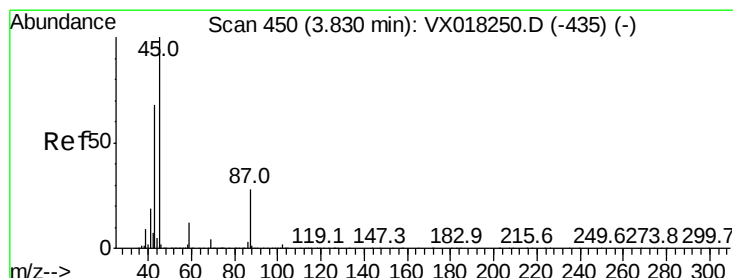
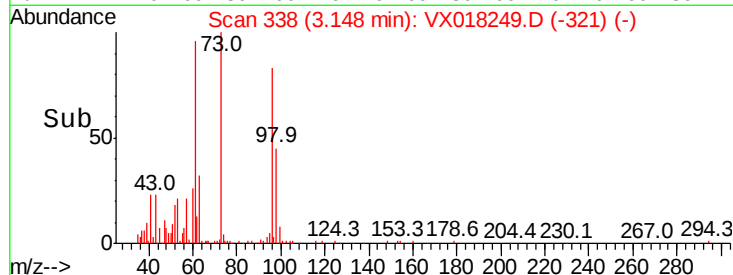
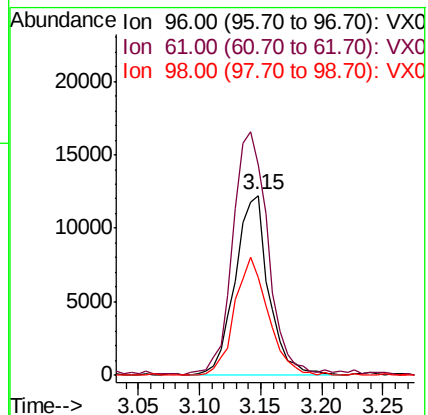
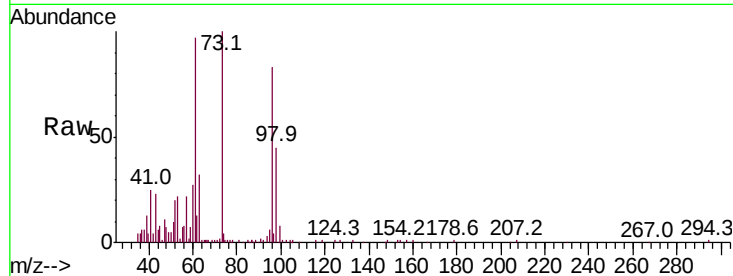
61 115.0 112.8 169.2

98 54.1 51.0 76.4

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#20

Diisopropyl ether

Concen: 5.545 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion: 45 Resp: 70415

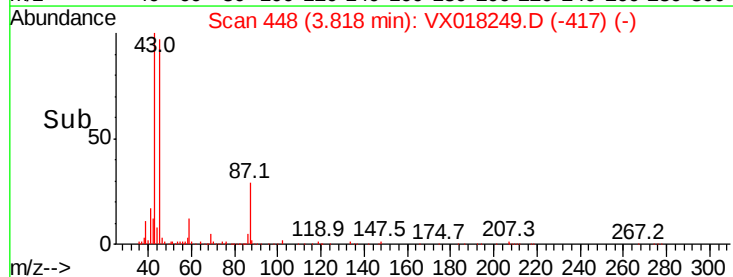
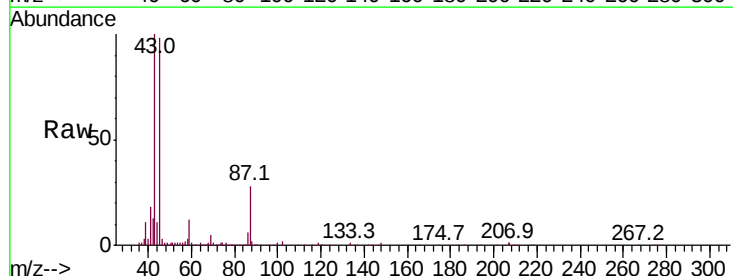
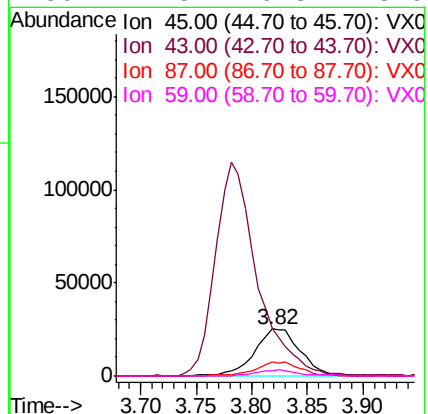
Ion Ratio Lower Upper

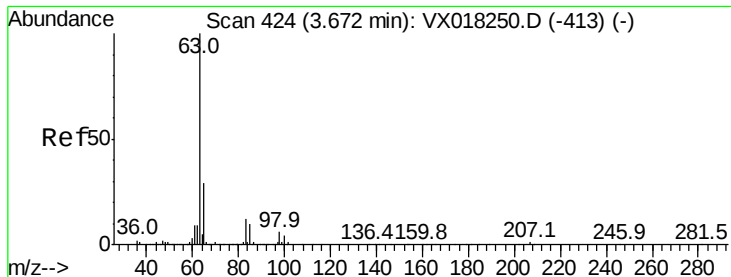
45 100

43 98.2 54.5 81.7#

87 29.2 22.2 33.2

59 11.5 9.3 13.9





#21

1,1-Dichloroethane

Concen: 6.113 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

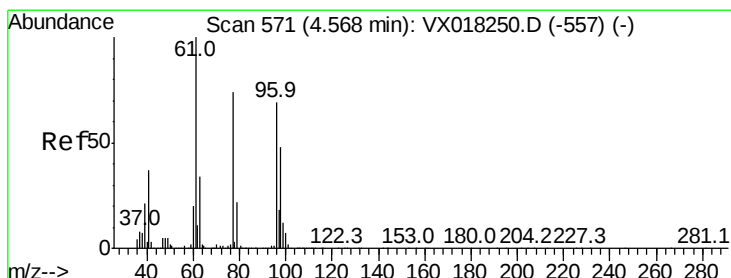
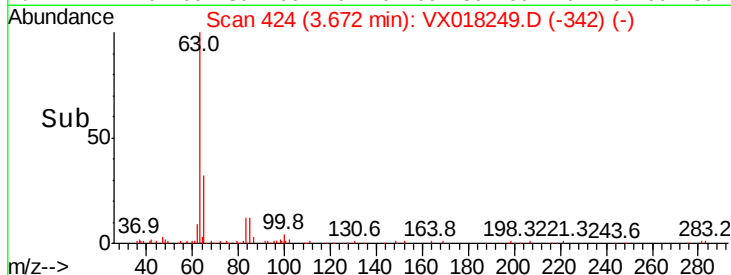
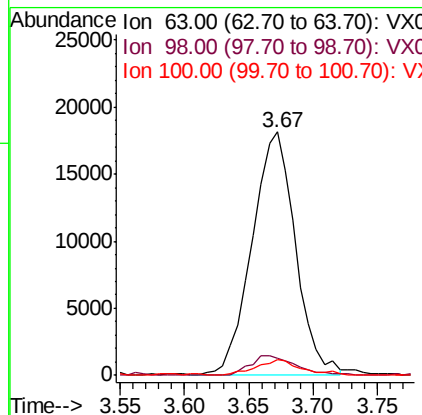
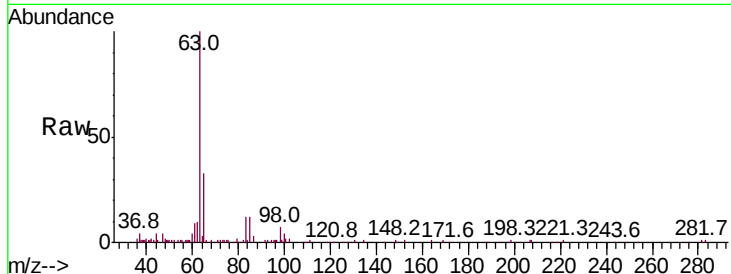
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
63	100	42430		
98	7.1	3.2	9.6	
100	5.9	2.1	6.3	

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#22

cis-1,2-Dichloroethene

Concen: 5.800 ug/l m

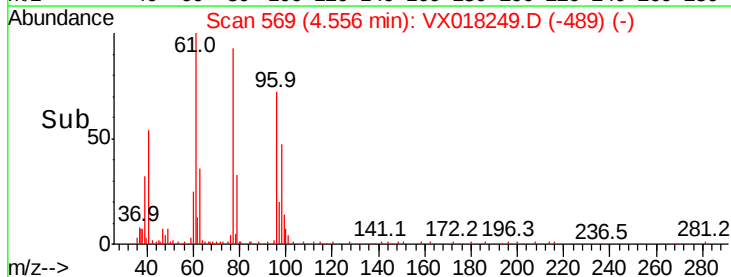
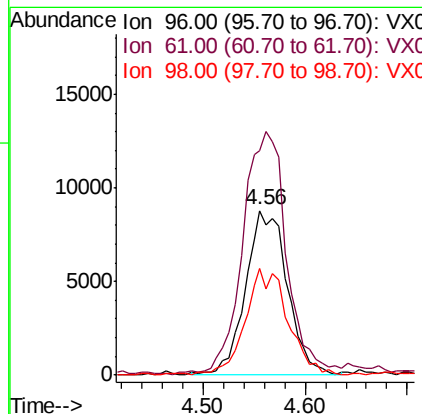
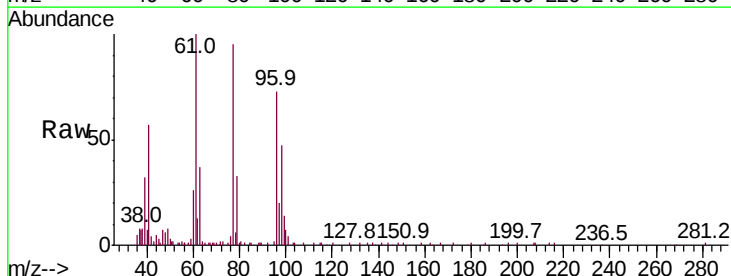
RT: 4.56 min Scan# 569

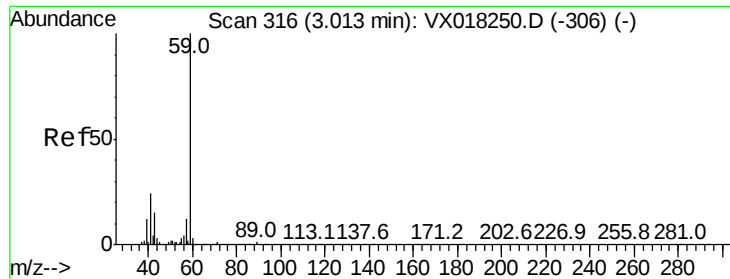
Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	25007		
61	0.0	116.2	174.4#	
98	34.5	52.5	78.7#	





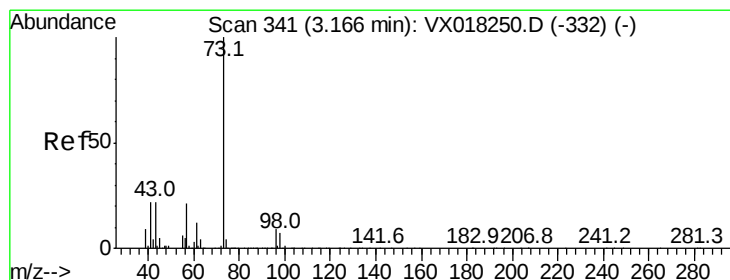
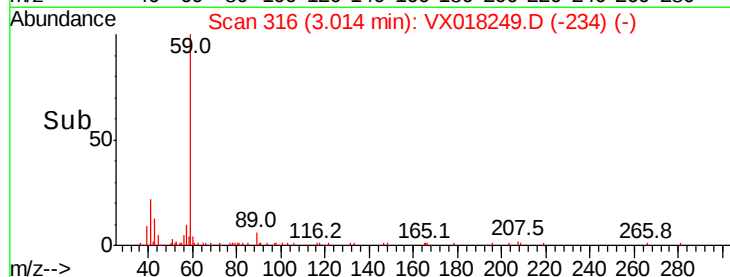
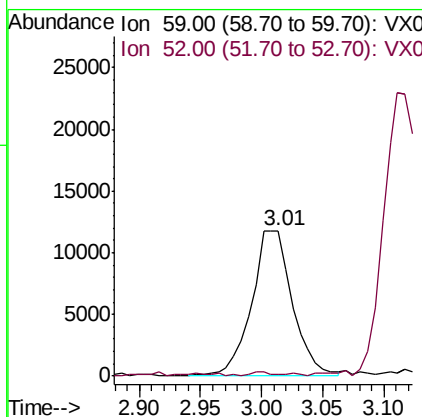
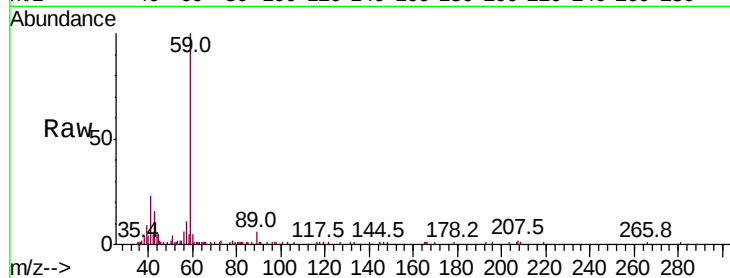
#23
 tert-Butyl Alcohol
 Concen: 28.511 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.4	0.6#

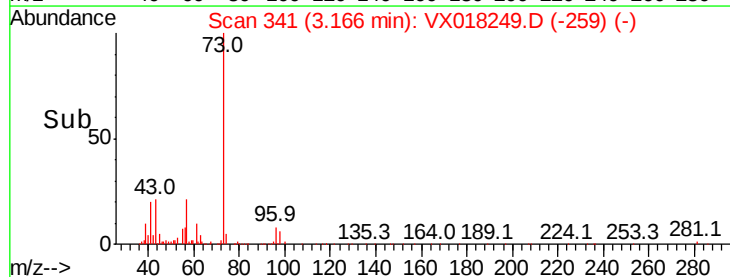
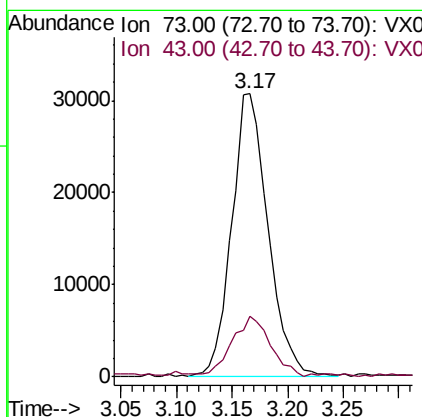
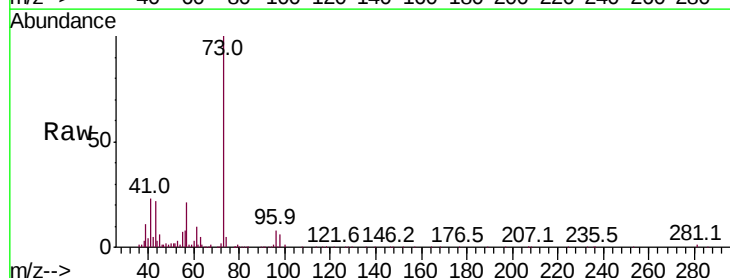
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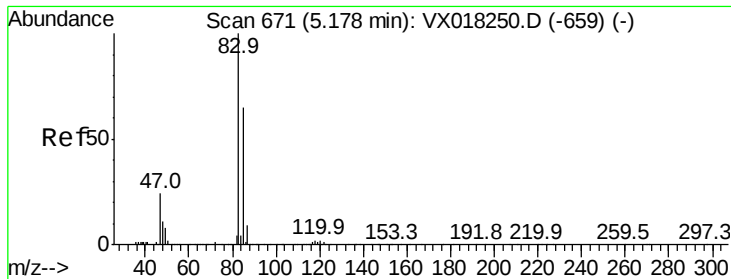
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#24
 Methyl tert-Butyl Ether
 Concen: 5.408 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.6	17.8	26.6





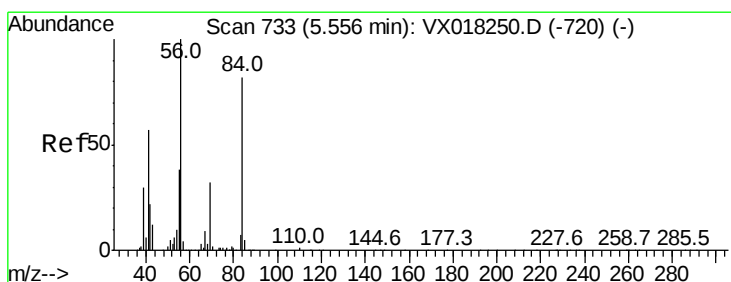
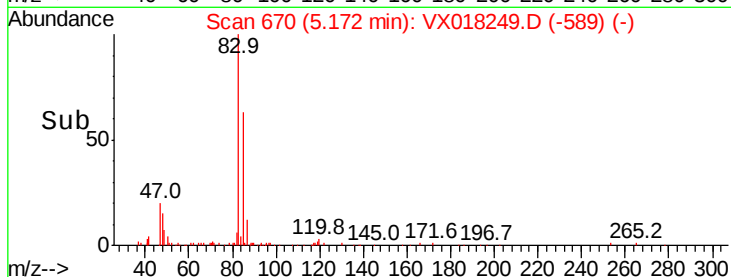
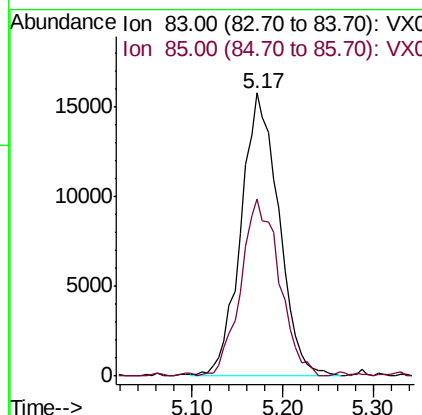
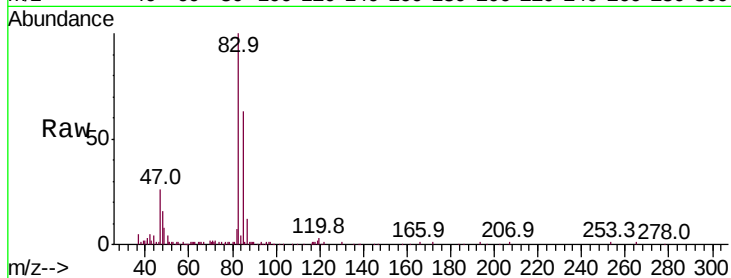
#25
Chloroform
Concen: 6.014 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 45796
Ion Ratio Lower Upper
83 100
85 61.4 51.6 77.4

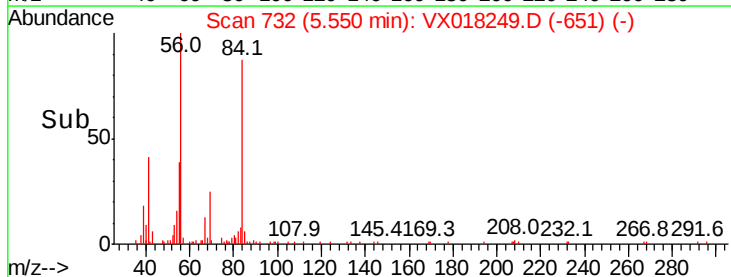
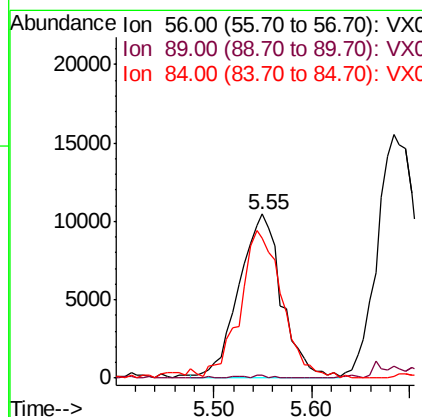
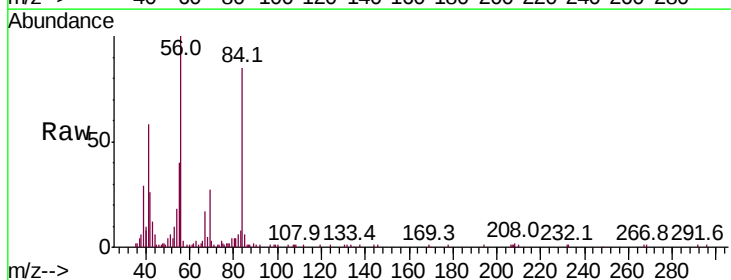
Manual Integrations
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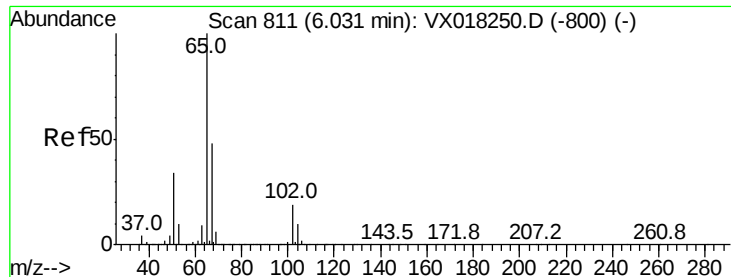
MMDadoda
9/8/2020 5:16:44 PM



#26
Cyclohexane
Concen: 5.402 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion: 56 Resp: 31923
Ion Ratio Lower Upper
56 100
89 0.6 0.1 0.1#
84 83.8 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.933 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 197981

Ion Ratio Lower Upper

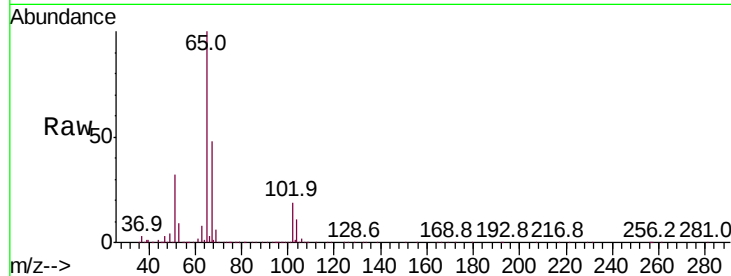
65 100

67 50.5 39.9 59.9

Manual Integrations
APPROVED

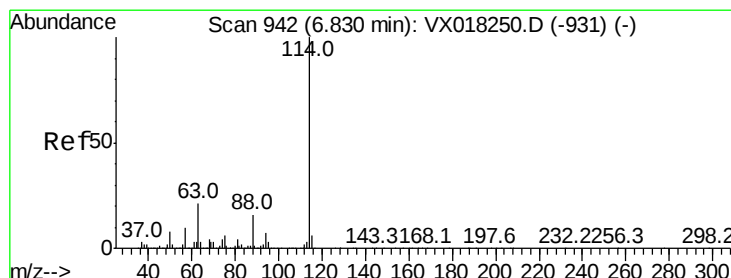
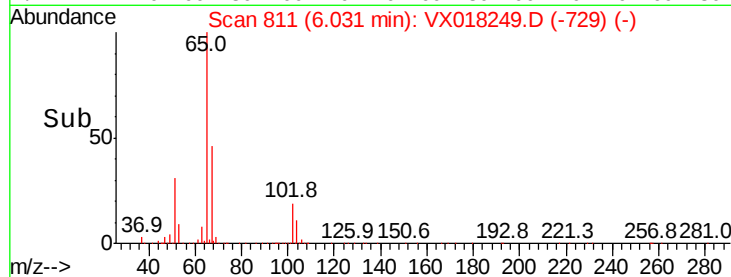
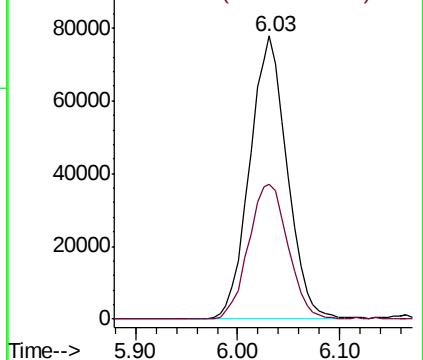
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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

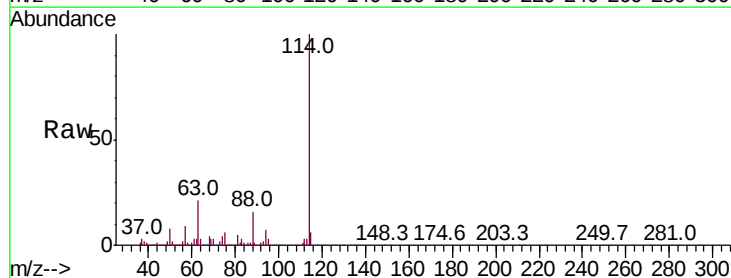
Tgt Ion:114 Resp: 413239

Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

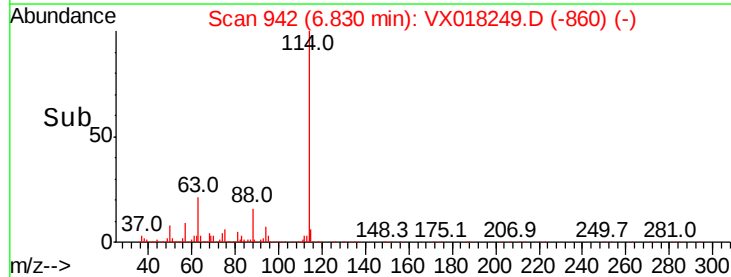
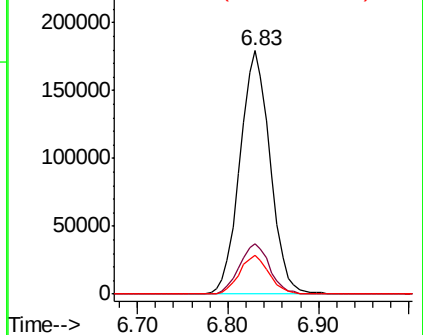
88 15.7 12.6 18.8

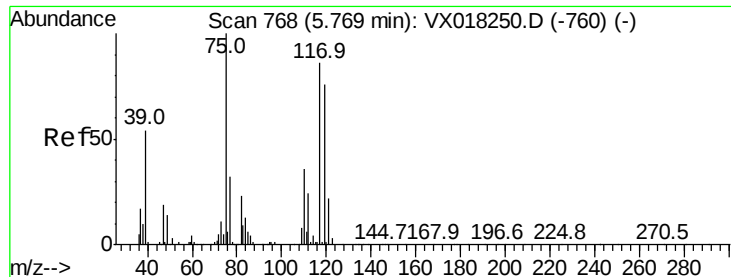


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 5.999 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

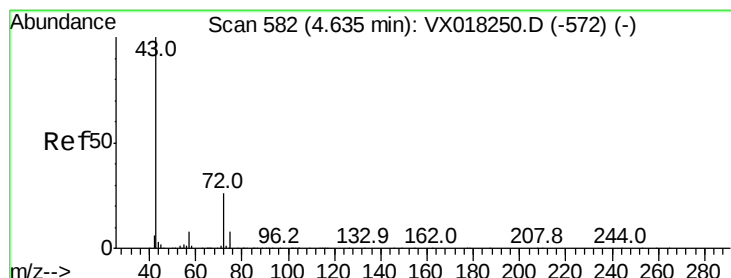
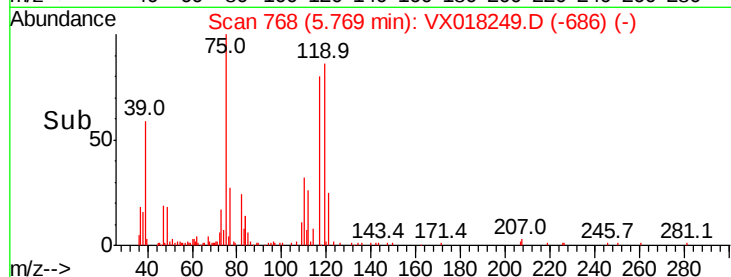
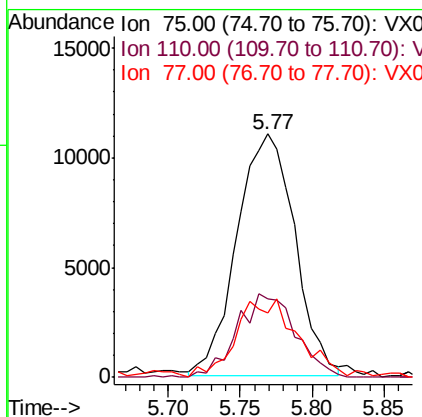
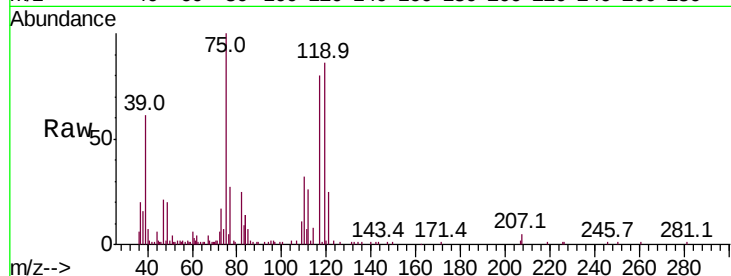
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	30854
Ion Ratio	Lower	Upper	
75	100		
110	34.6	0.0	72.2
77	15.3	0.0	61.0

Manual Integrations
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#30

2-Butanone

Concen: 29.258 ug/l

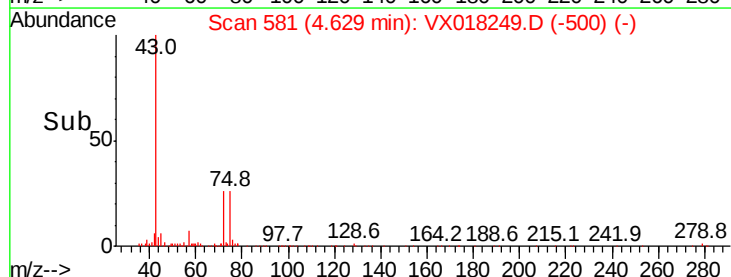
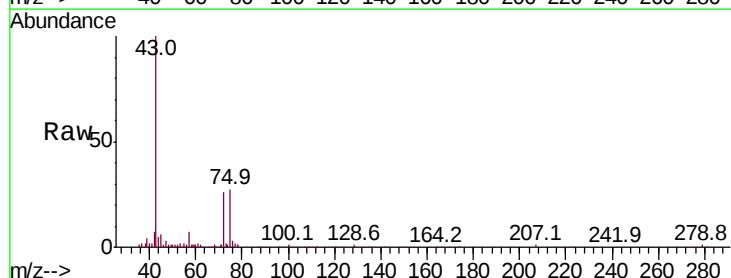
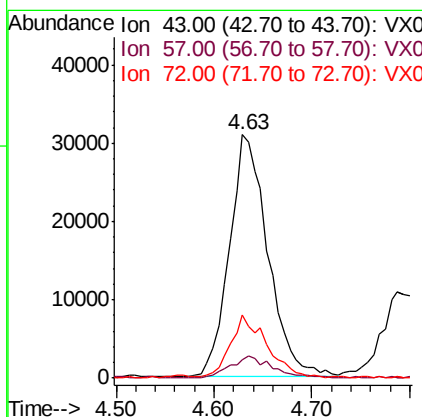
RT: 4.63 min Scan# 581

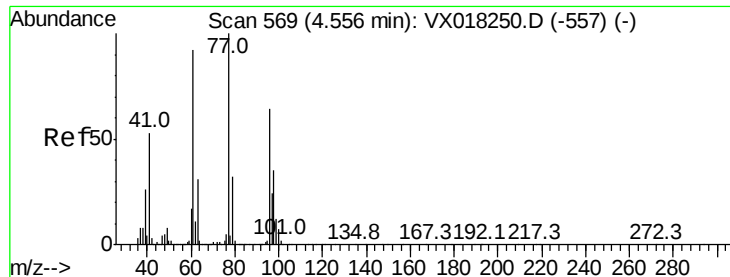
Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion:	43	Resp:	83887
Ion Ratio	Lower	Upper	
43	100		
57	9.4	6.7	10.1
72	14.9	20.0	30.0#





#31

2,2-Dichloropropane

Concen: 6.123 ug/l m

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 77 Resp: 39342

Ion Ratio Lower Upper

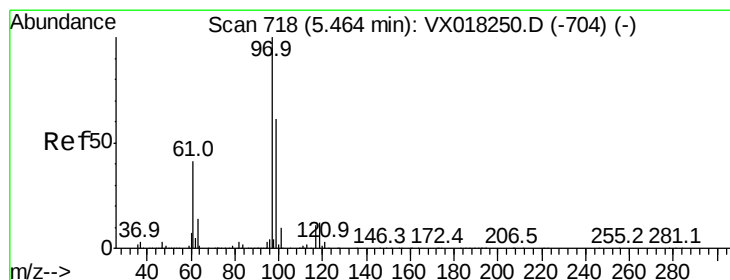
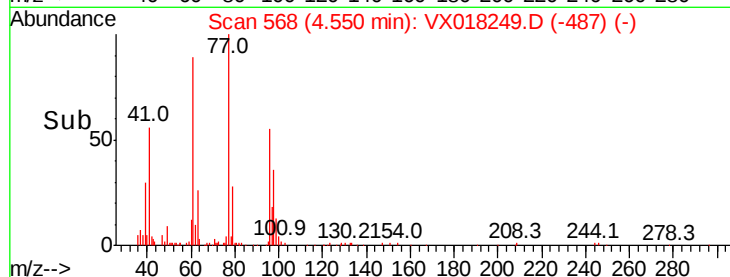
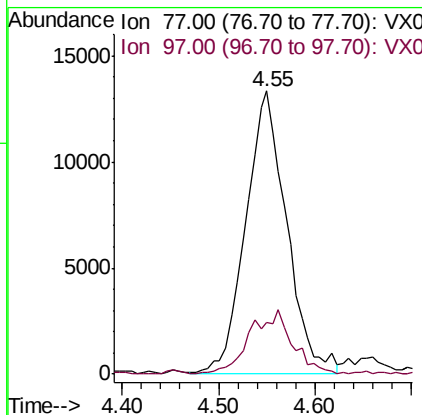
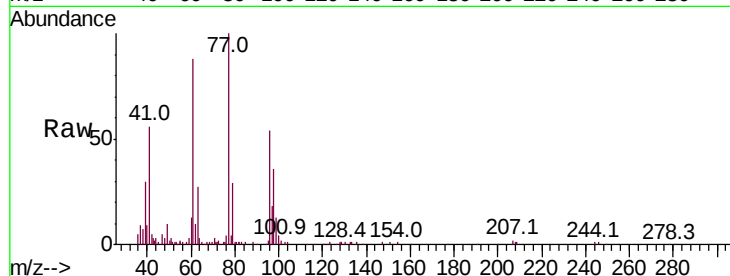
77 100

97 0.1 18.1 27.1#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 6.111 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

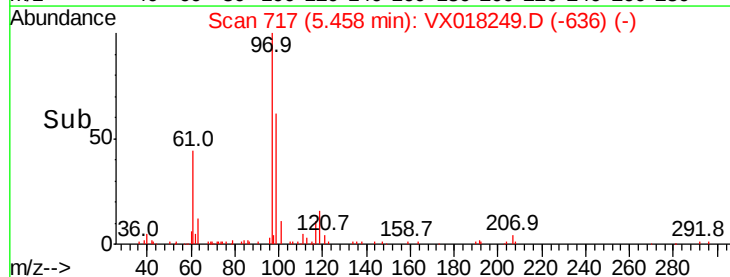
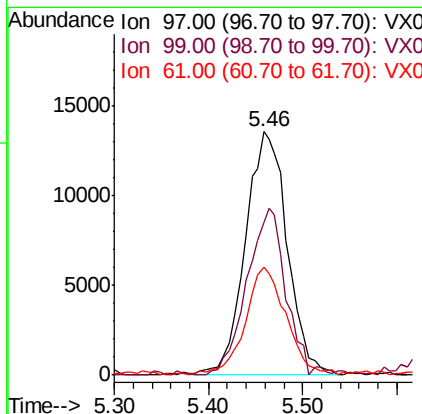
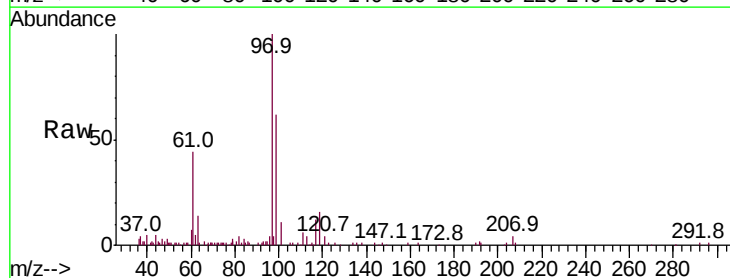
Tgt Ion: 97 Resp: 42128

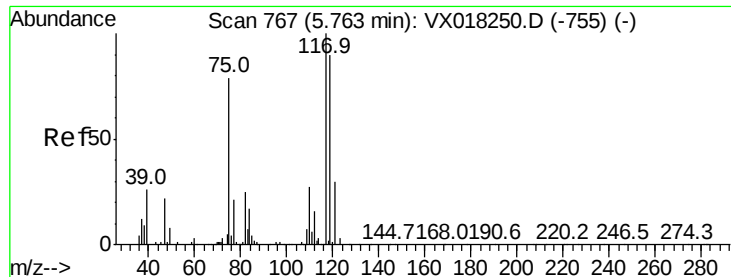
Ion Ratio Lower Upper

97 100

99 62.9 50.7 76.1

61 42.4 34.5 51.7





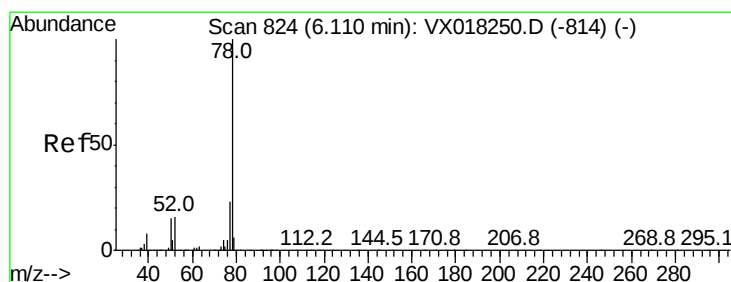
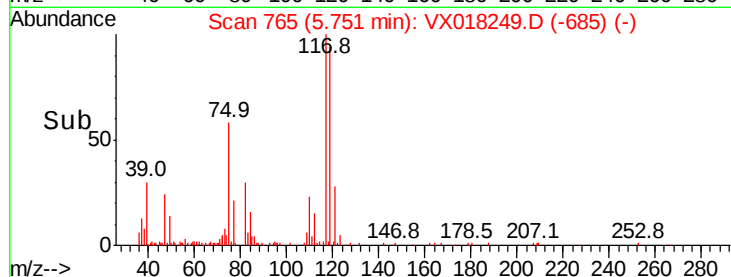
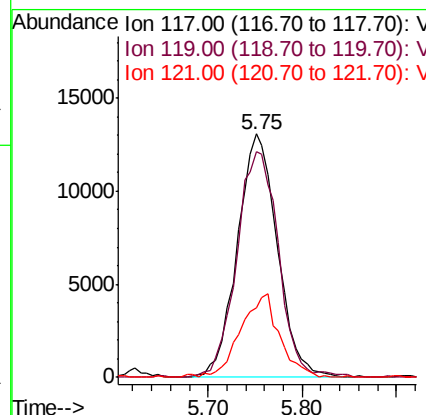
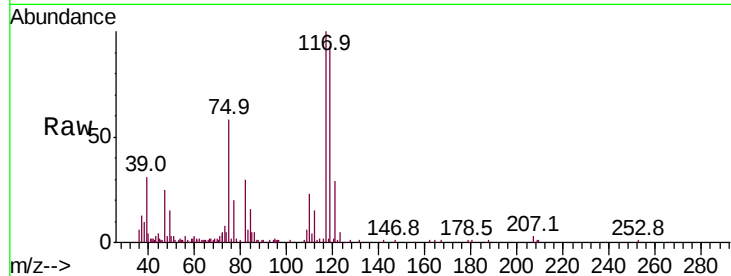
#33
Carbon Tetrachloride
Concen: 6.091 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.0	72.3	108.5
121	28.6	24.1	36.1

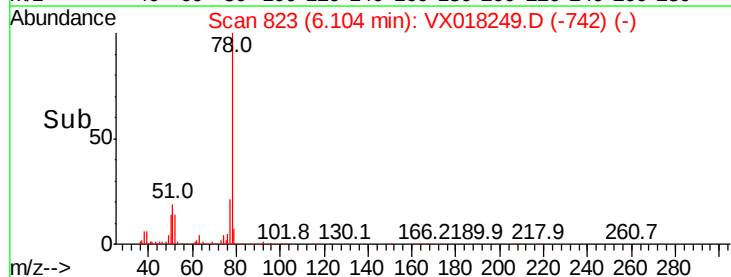
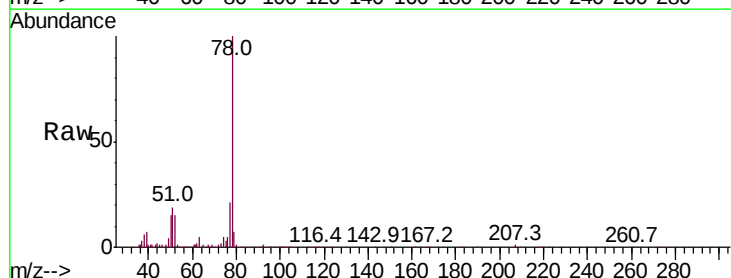
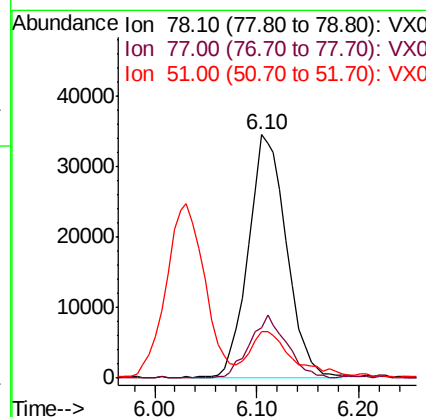
Manual Integrations
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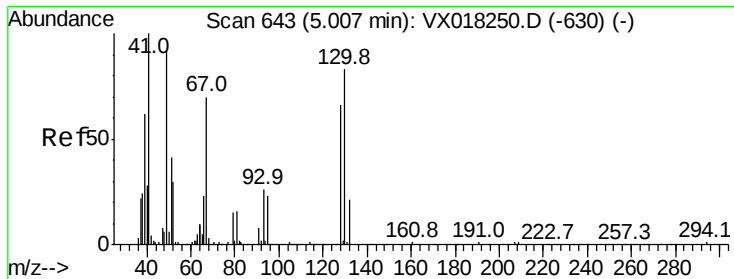
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#34
Benzene
Concen: 6.144 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.3	27.5
51	17.2	11.3	16.9





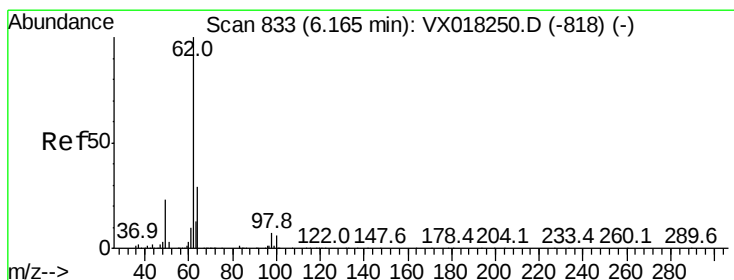
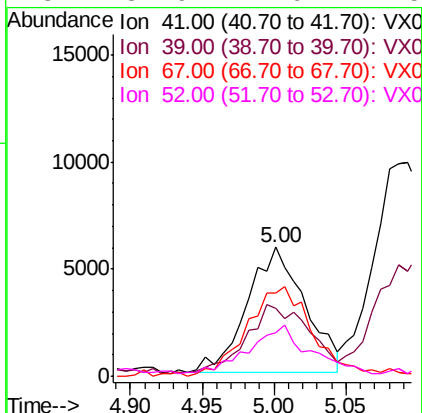
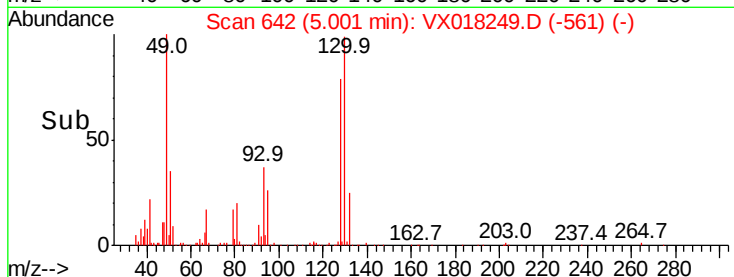
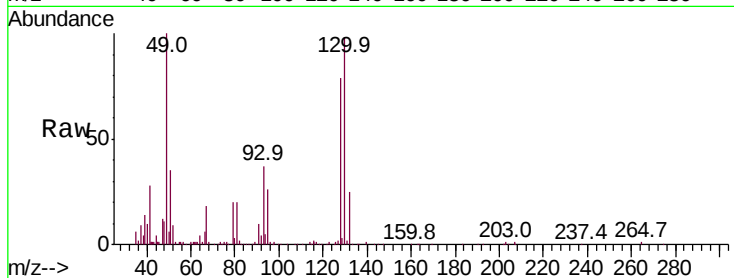
#35
Methacrylonitrile
Concen: 5.224 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.6	31.3	93.9
67	66.6	35.4	106.2
52	32.6	14.9	44.5

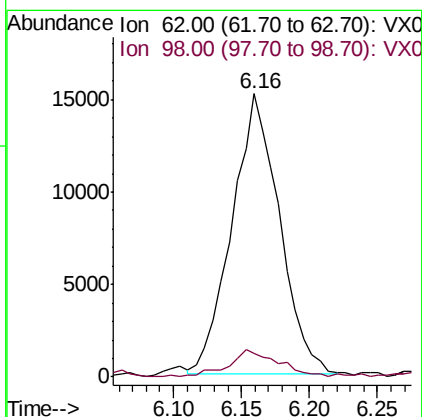
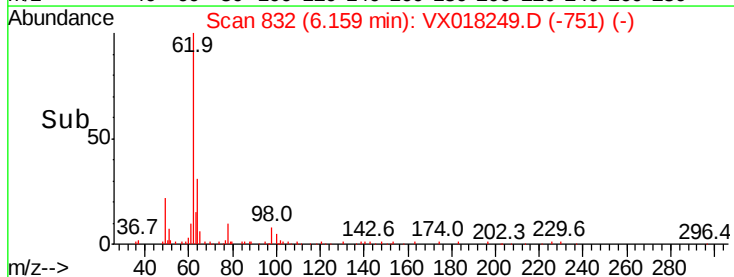
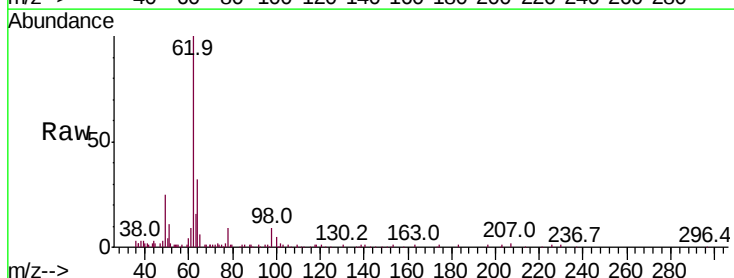
Manual Integrations
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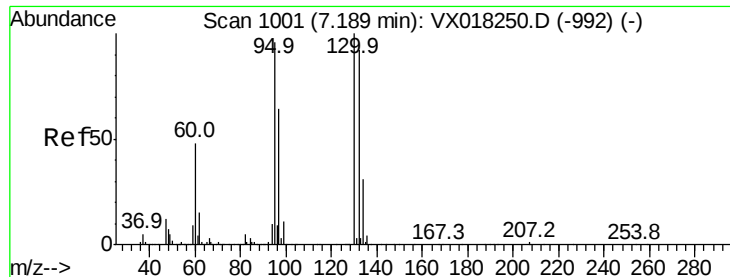
MMDadoda
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#36
1,2-Dichloroethane
Concen: 6.017 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	0.0#





#37

Trichloroethene

Concen: 6.460 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

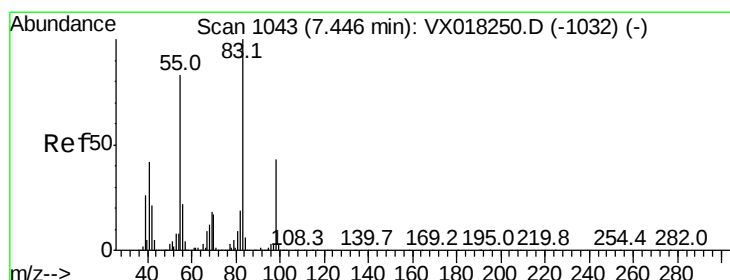
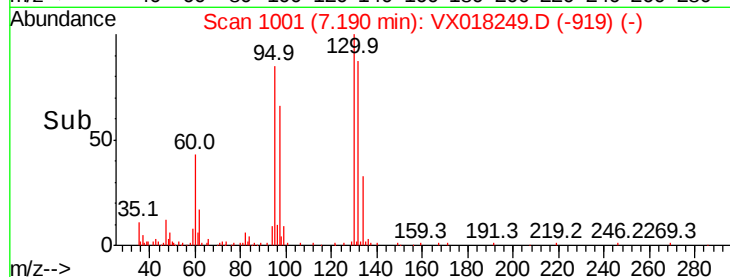
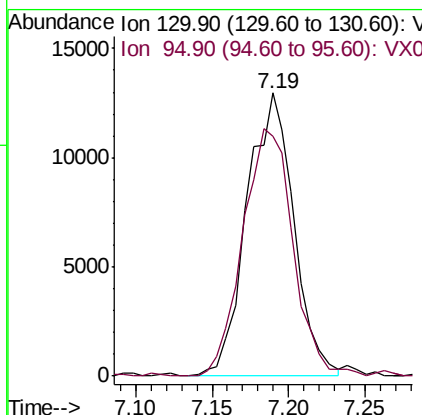
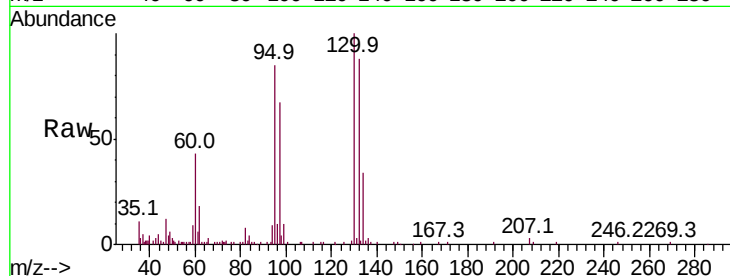
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:130 Resp: 27675

Ion	Ratio	Lower	Upper
130	100		
95	84.8	76.9	115.3

Manual Integrations
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#38

Methylcyclohexane

Concen: 5.163 ug/l

RT: 7.44 min Scan# 1042

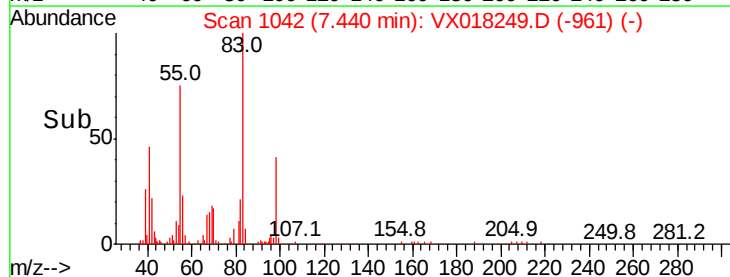
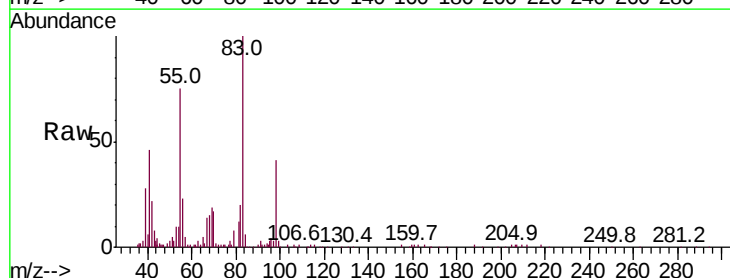
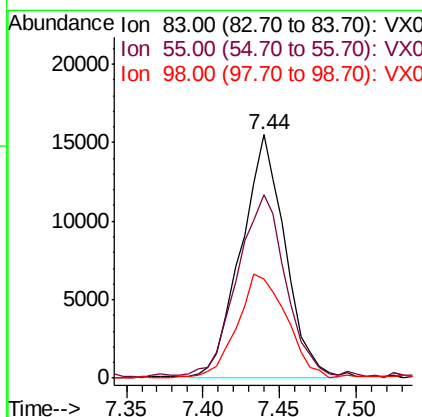
Delta R.T. -0.01 min

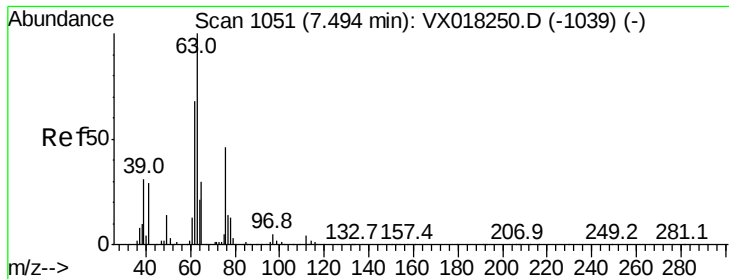
Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion: 83 Resp: 30854

Ion	Ratio	Lower	Upper
83	100		
55	82.4	41.1	123.4
98	47.8	24.0	72.0





#39

1,2-Dichloropropane

Concen: 6.291 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 63 Resp: 24984

Ion Ratio Lower Upper

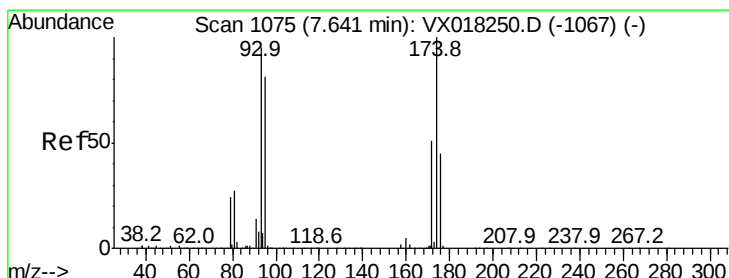
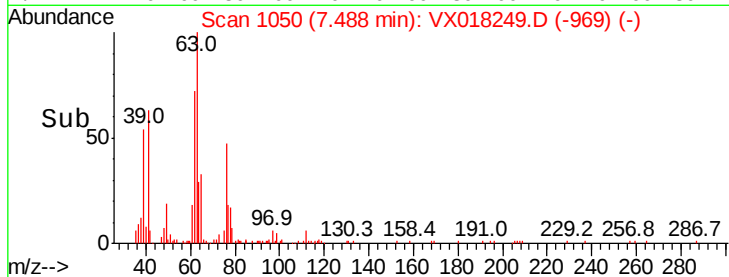
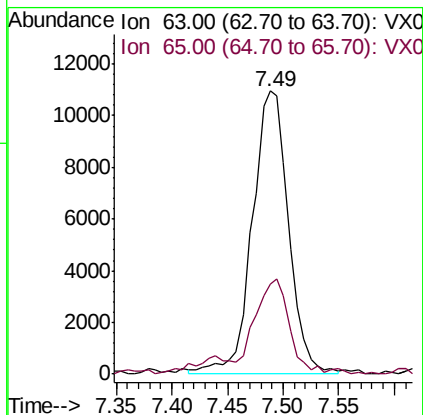
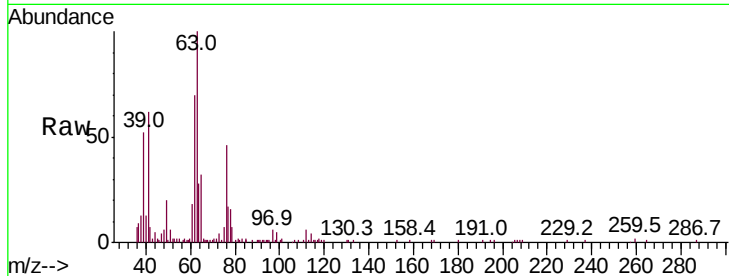
63 100

65 30.2 25.7 38.5

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#40

Dibromomethane

Concen: 6.367 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

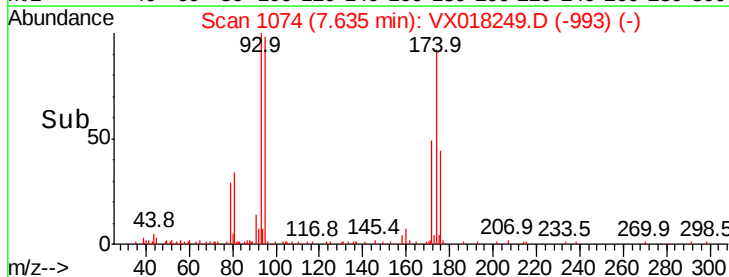
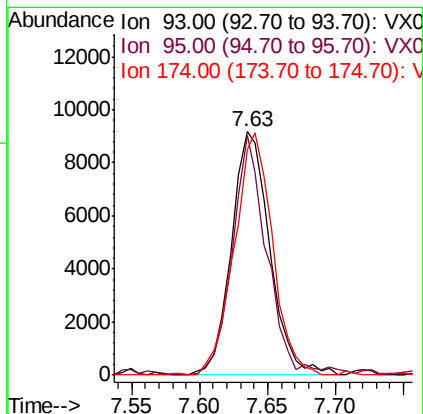
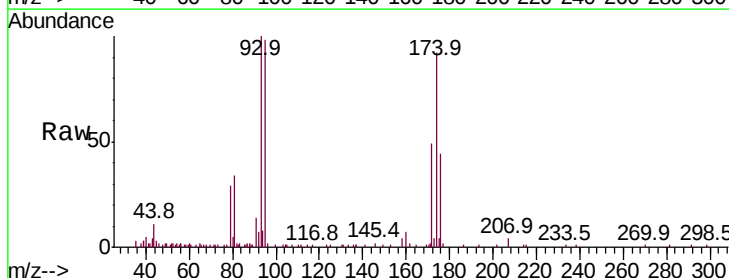
Tgt Ion: 93 Resp: 18054

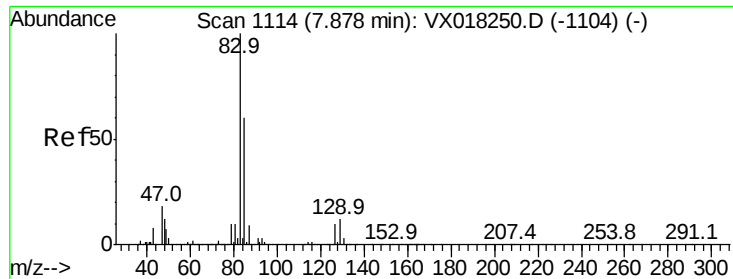
Ion Ratio Lower Upper

93 100

95 86.0 0.0 167.0

174 99.1 0.0 202.0





#41

Bromodichloromethane

Concen: 5.942 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

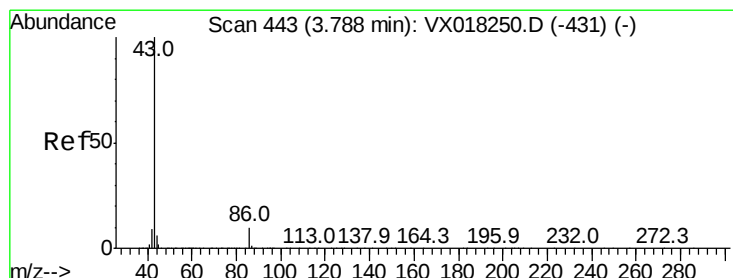
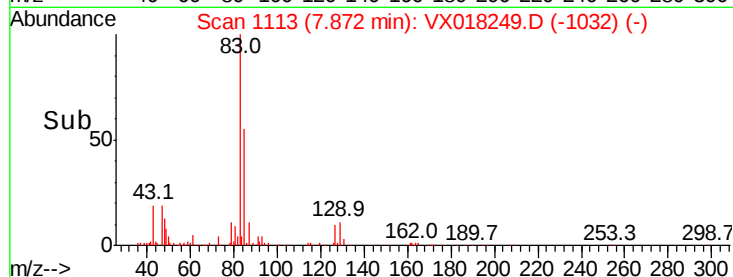
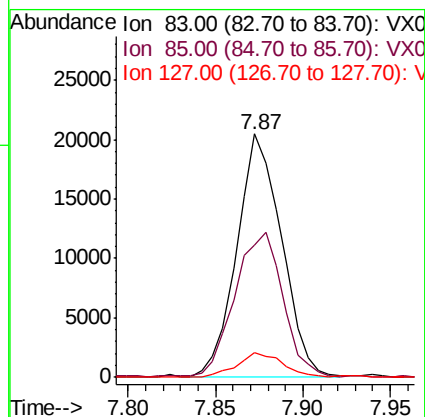
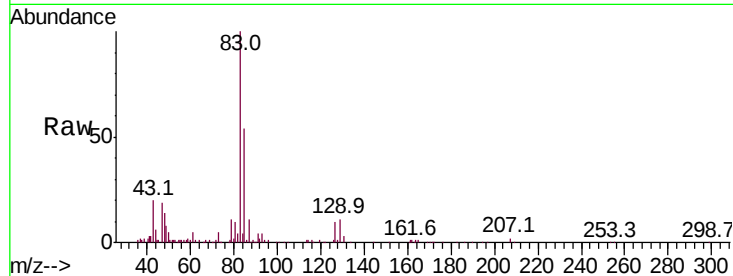
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	36462
Ion Ratio	Lower	Upper	
83	100		
85	54.4	48.2	72.2
127	10.1	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 30.020 ug/l

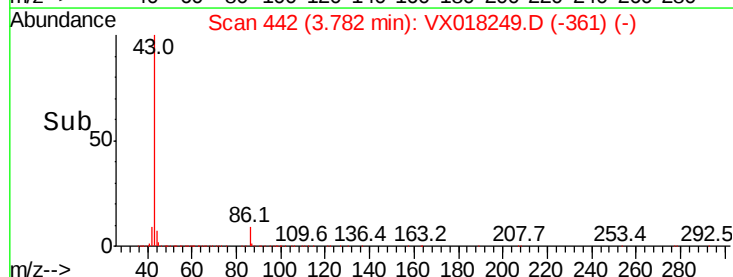
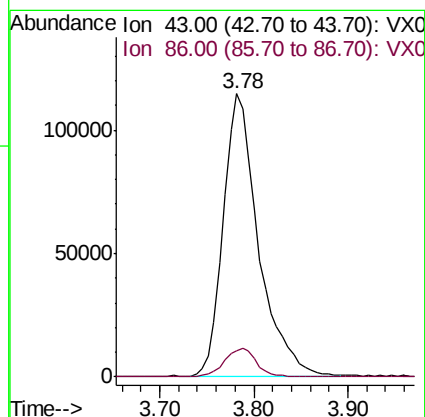
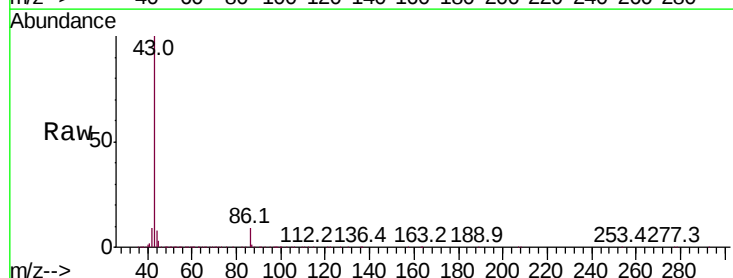
RT: 3.78 min Scan# 442

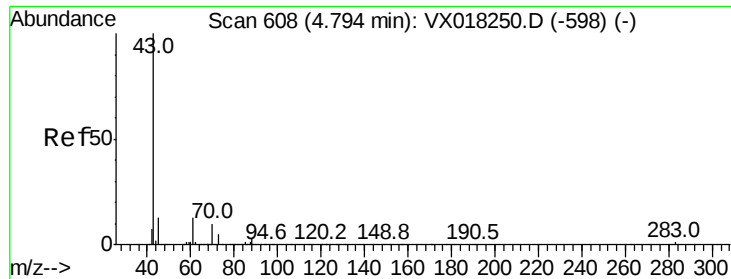
Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion:	43	Resp:	297584
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.2	10.8





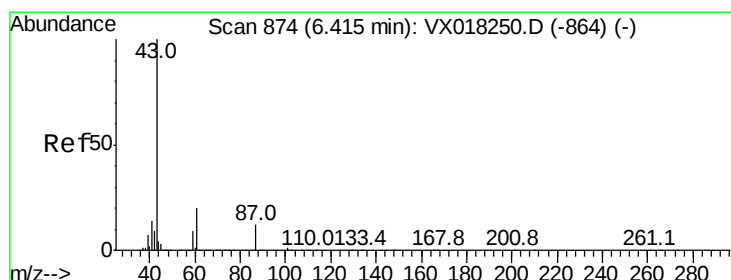
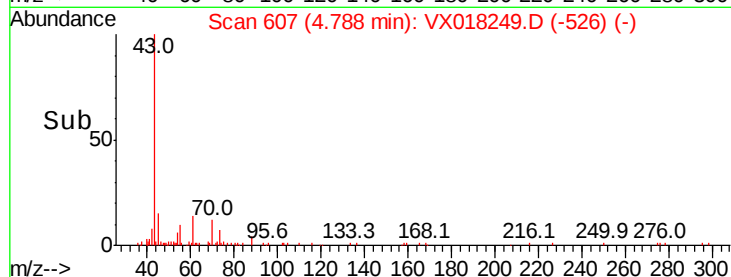
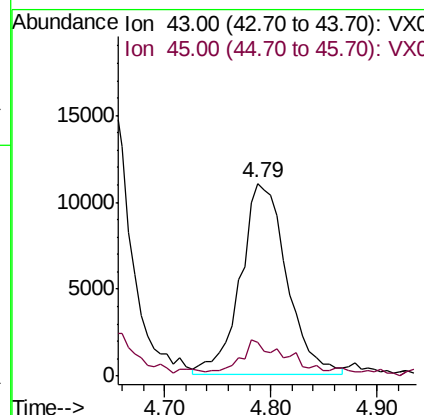
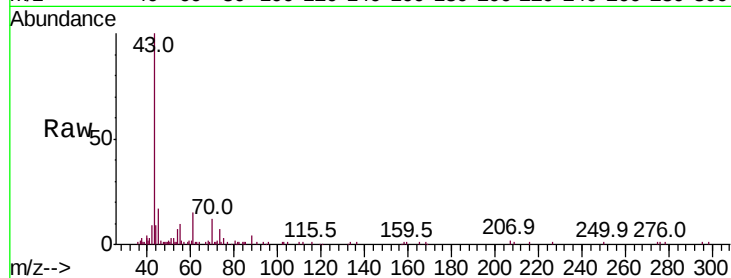
#43
Ethyl Acetate
Concen: 6.131 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	45	Ratio	Lower	Upper
33665	100	9.5		11.2	16.8#

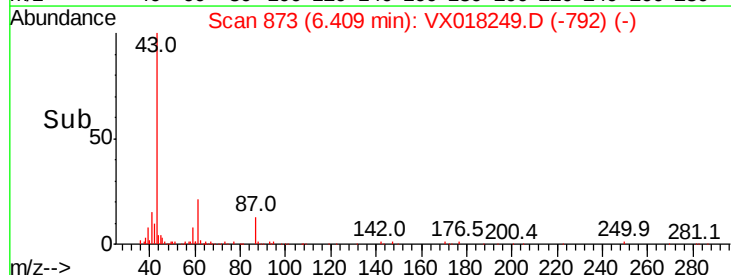
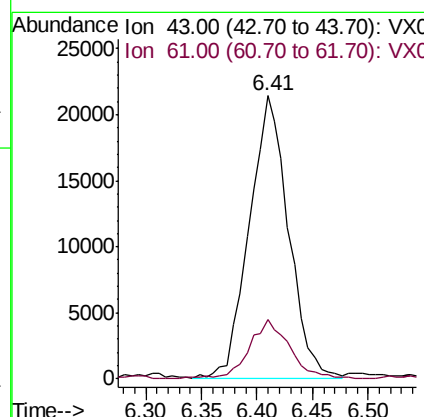
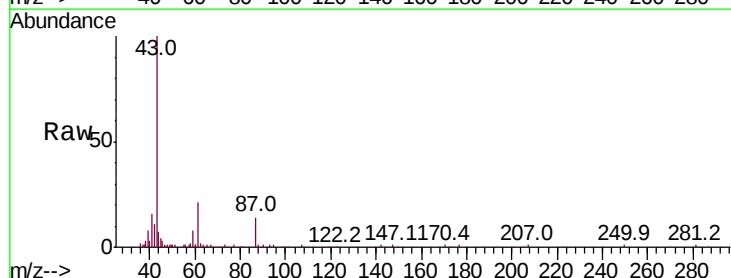
Manual Integrations
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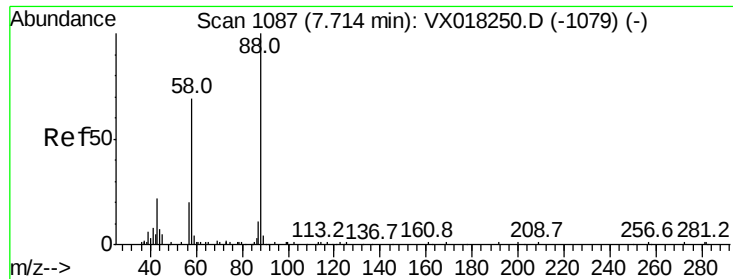
MMDadoda
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#44
Isopropyl Acetate
Concen: 5.636 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	43	61	Ratio	Lower	Upper
52716	100	20.7		14.6	22.0





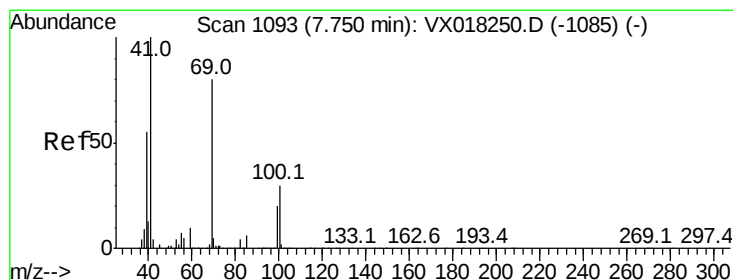
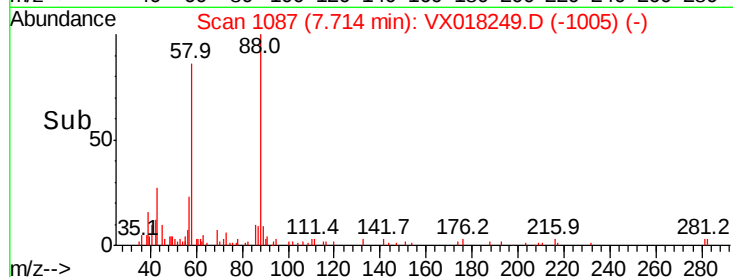
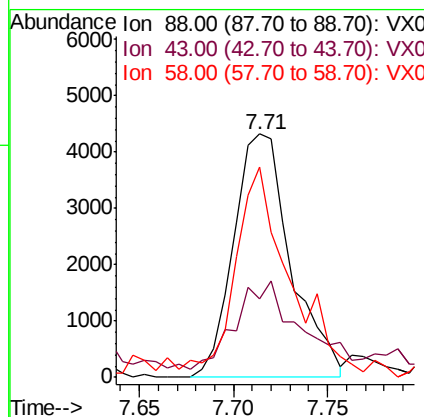
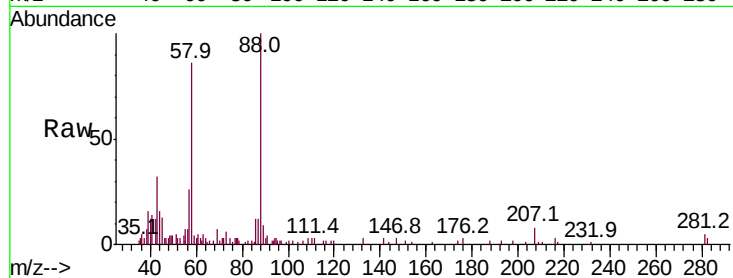
#45
1,4-Dioxane
Concen: 104.797 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.6	13.6	20.4#
58	66.1	58.2	87.4

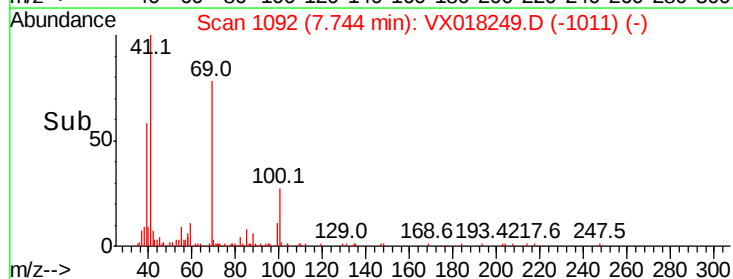
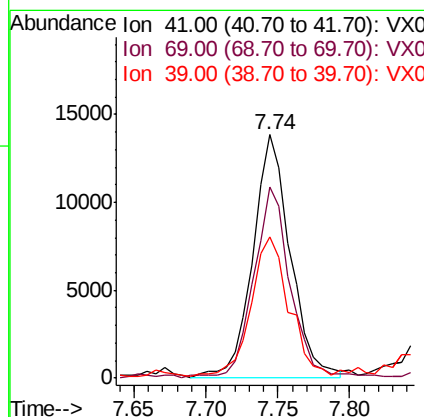
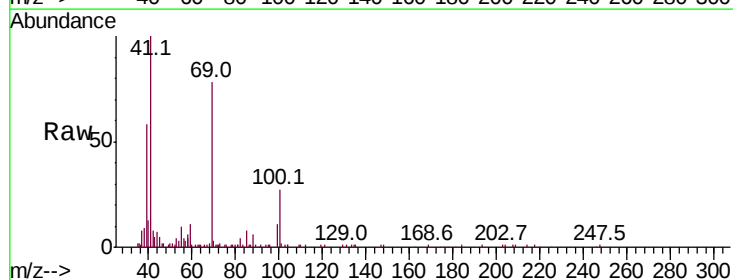
Manual Integrations
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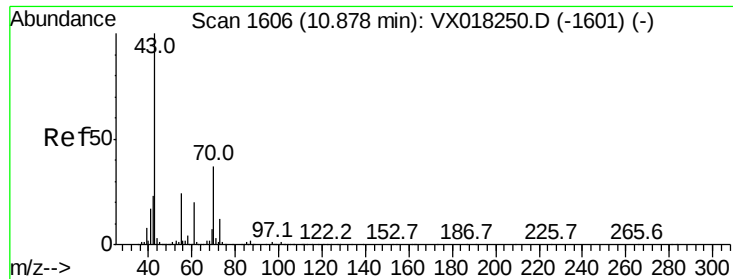
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#46
Methyl methacrylate
Concen: 5.459 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.4	40.3	120.8
39	57.1	27.3	81.9





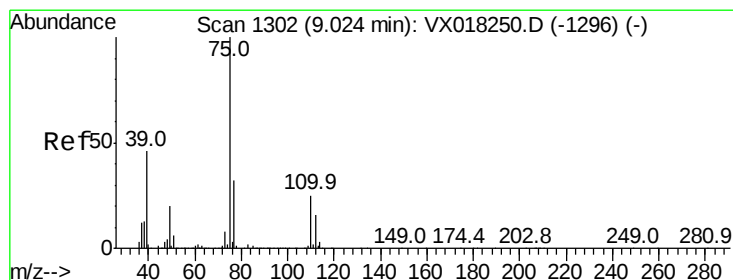
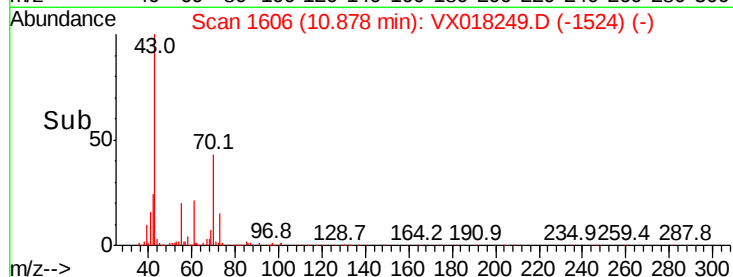
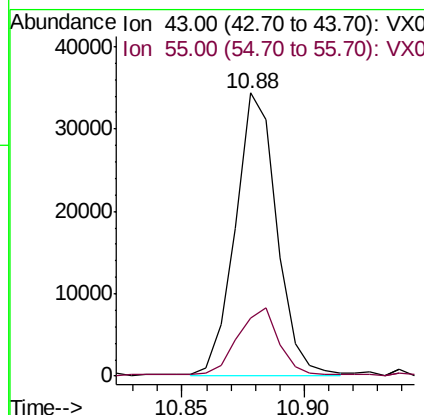
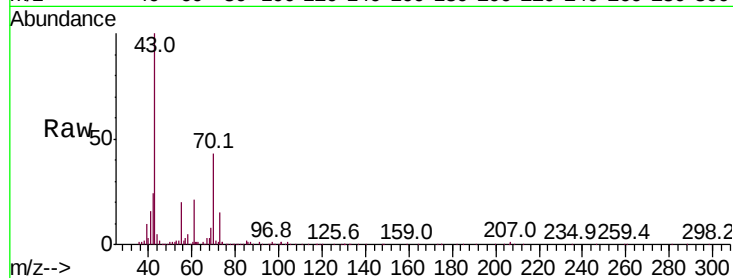
#47
n-amvl Acetate
Concen: 5.207 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	55	Ratio	100	23.0	Resp	40404	Lower	18.9	Upper	28.3
Ion	43	55	Ratio	100	23.0	Resp	40404	Lower	18.9	Upper	28.3

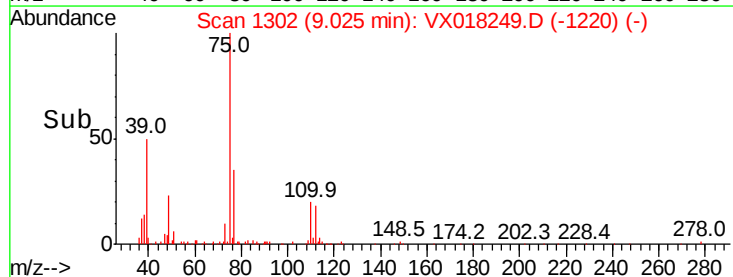
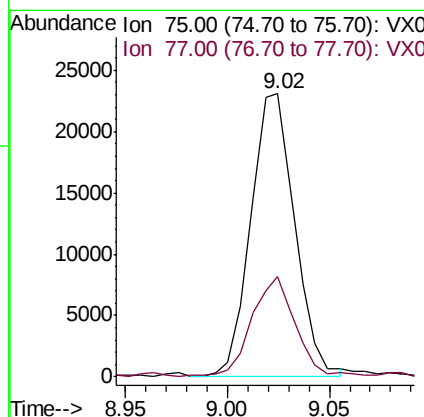
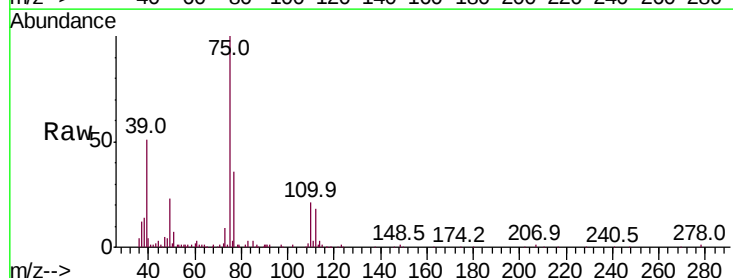
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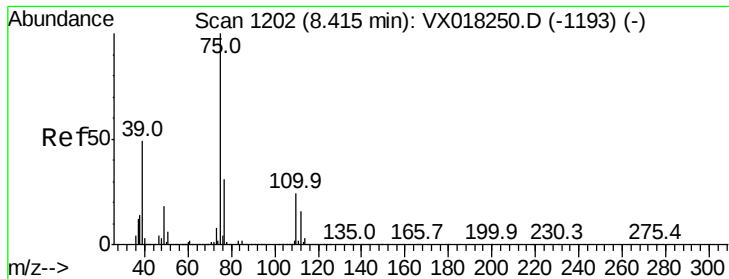
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 5.220 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	75	77	Ratio	100	34.8	Resp	34336	Lower	25.4	Upper	38.2
Ion	75	77	Ratio	100	34.8	Resp	34336	Lower	25.4	Upper	38.2





#49

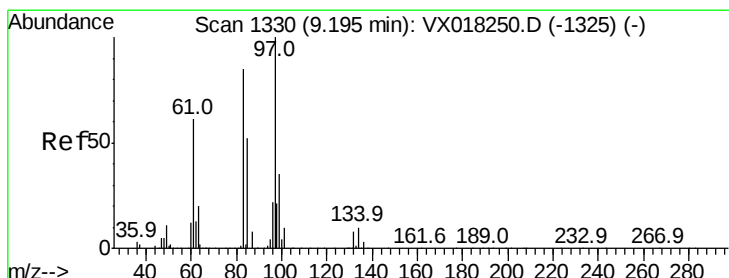
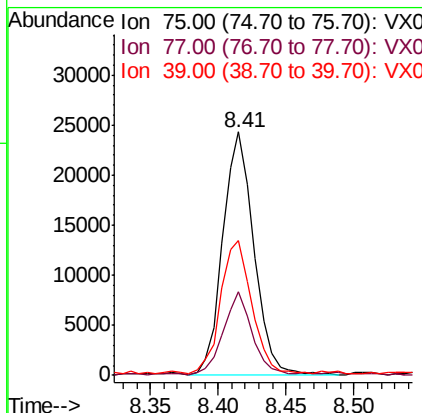
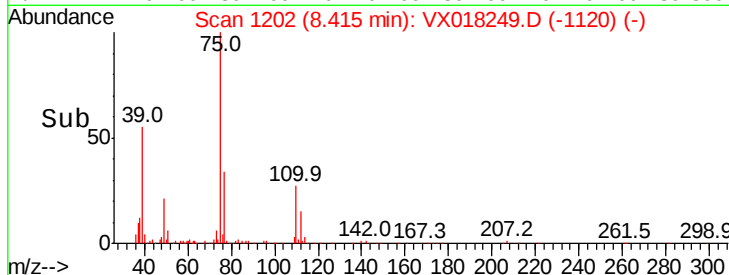
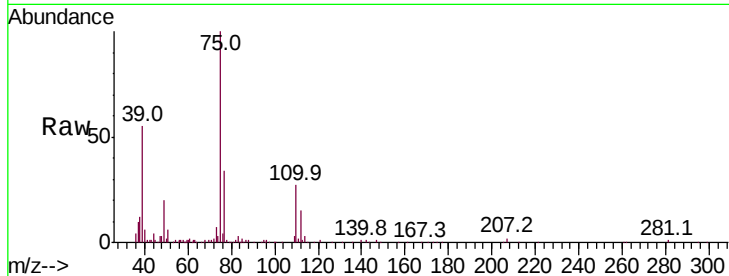
cis-1,3-Dichloropropene
 Concen: 5.480 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	75	Resp:	38880
Ion Ratio	Lower	Upper	
75	100		
77	34.4	24.7	37.1
39	54.4	39.6	59.4

Manual Integrations
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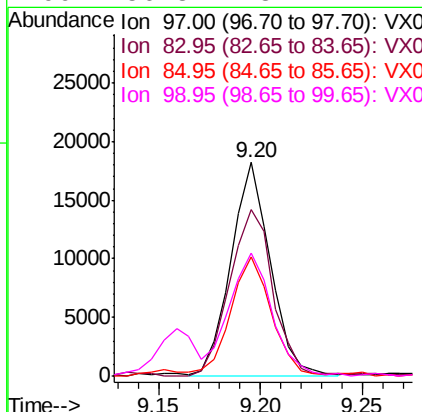
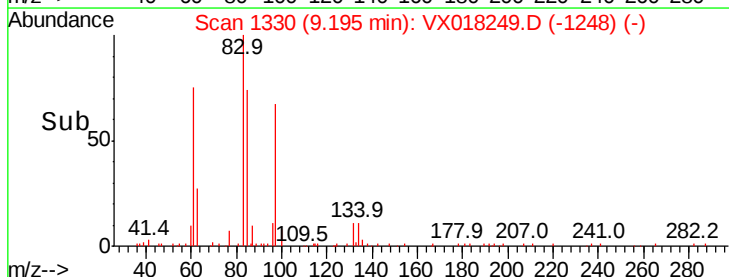
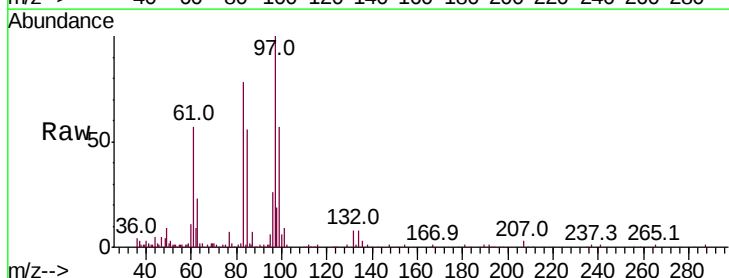
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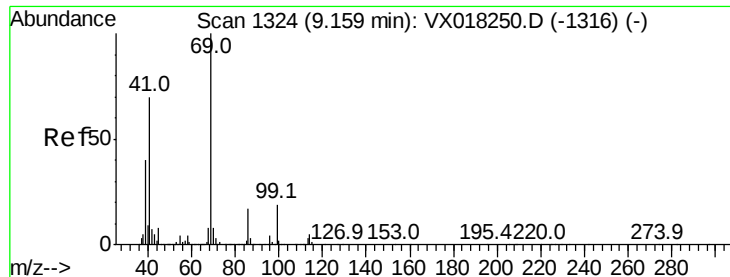


#50

1,1,2-Trichloroethane
 Concen: 6.133 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Tgt Ion:	97	Resp:	24376
Ion Ratio	Lower	Upper	
97	100		
83	78.2	68.1	102.1
85	54.7	42.6	64.0
99	56.8	48.2	72.2





#51

Ethyl methacrylate

Concen: 5.139 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

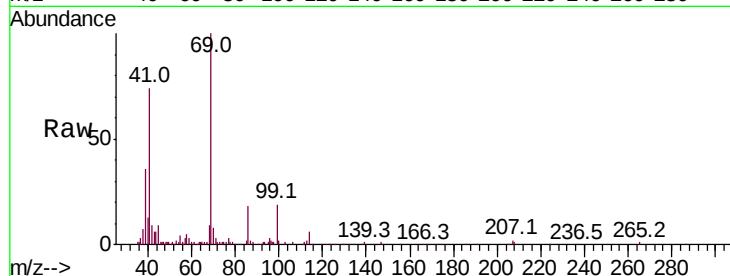
ClientSampleId :

VSTDIC005

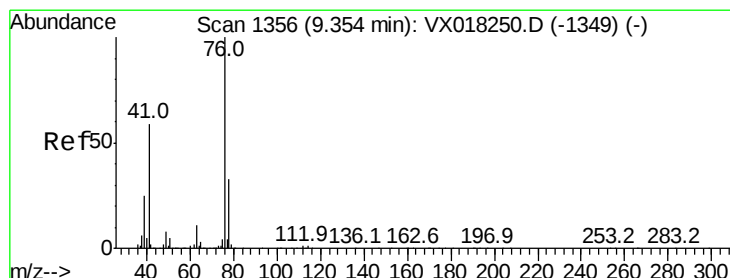
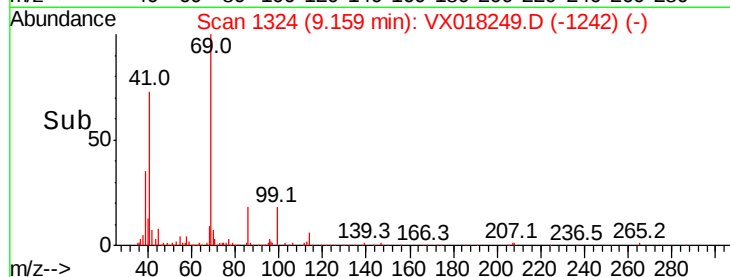
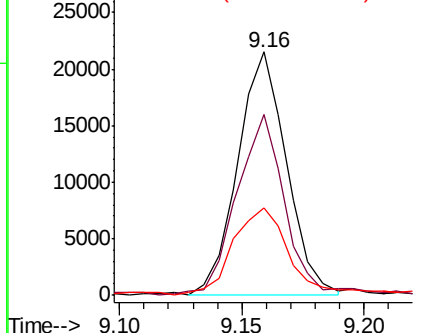
Tot Ion:	69	Resp:	29970
Ion	Ratio	Lower	Upper
69	100		
41	72.5	34.9	104.7
39	34.9	19.8	59.3

Manual Integrations
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Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 6.093 ug/l

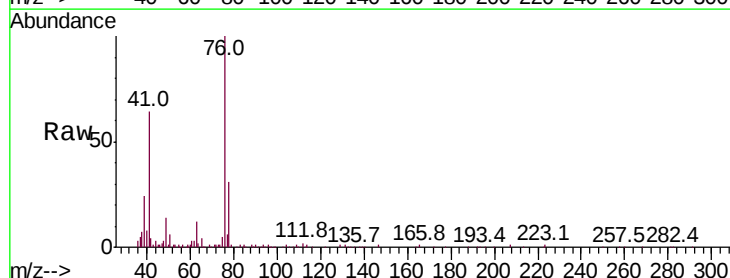
RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

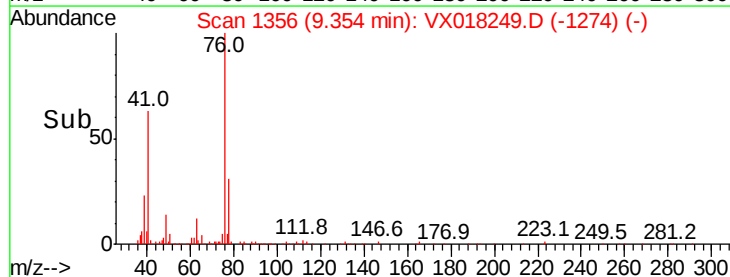
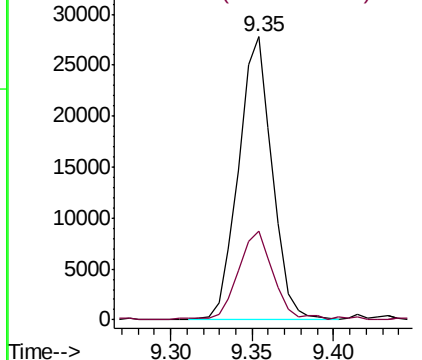
Lab File: VX018249.D

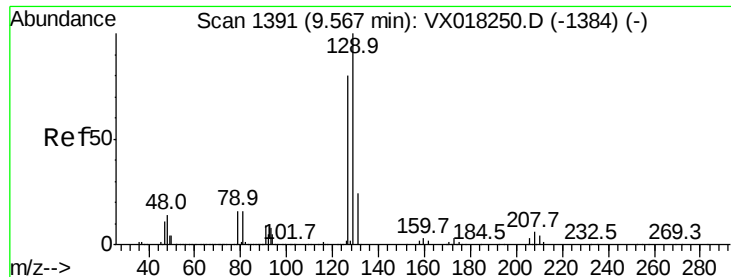
Acq: 04 Sep 2020 10:17

Tgt Ion:	76	Resp:	40022
Ion	Ratio	Lower	Upper
76	100		
78	30.9	0.0	62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 5.681 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:129 Resp: 28862

Ion Ratio Lower Upper

129 100

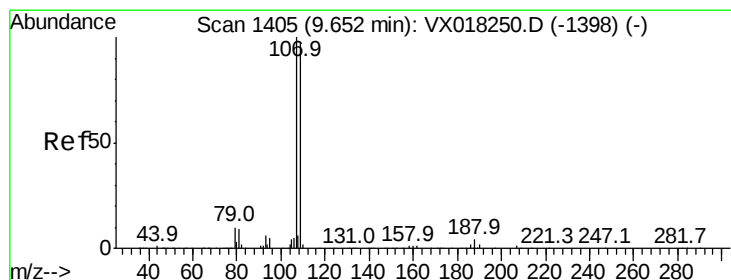
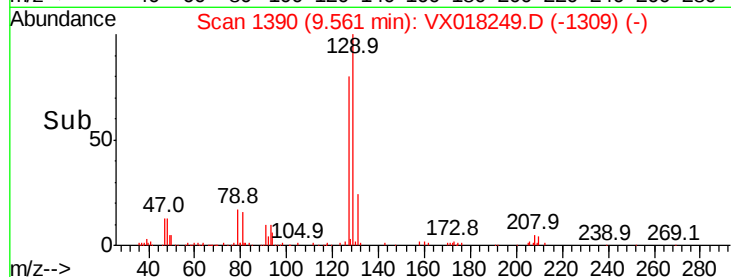
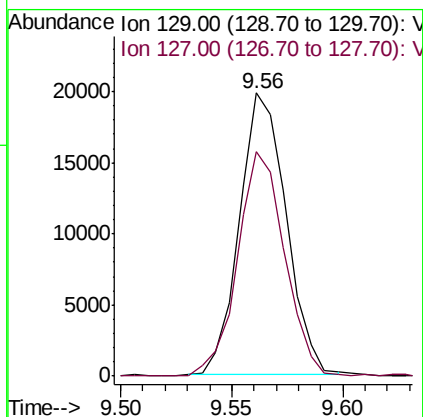
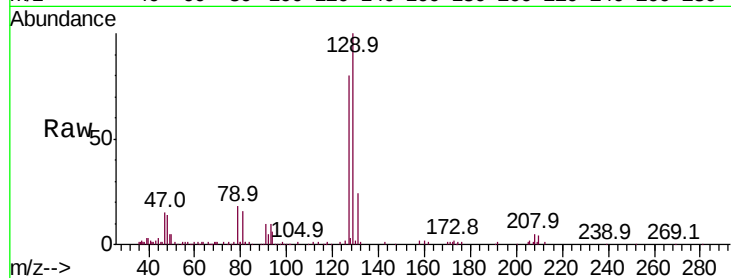
127 80.5 38.9 116.6

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#54

1,2-Dibromoethane

Concen: 5.974 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018249.D

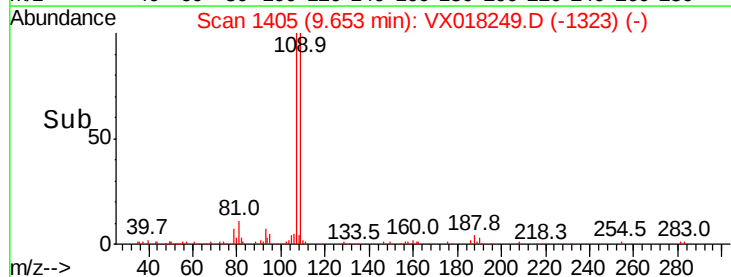
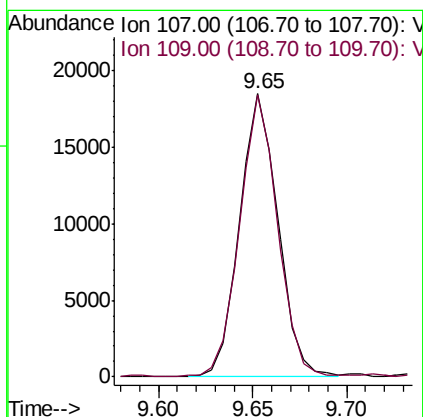
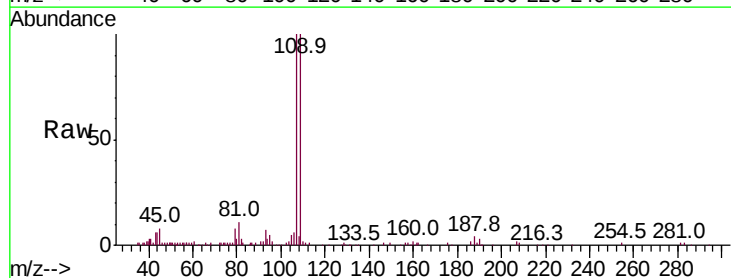
Acq: 04 Sep 2020 10:17

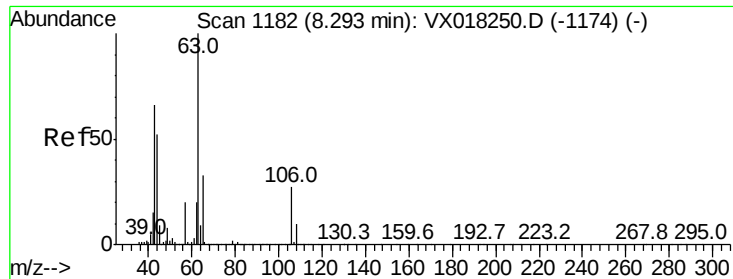
Tgt Ion:107 Resp: 26193

Ion Ratio Lower Upper

107 100

109 98.0 77.8 116.6





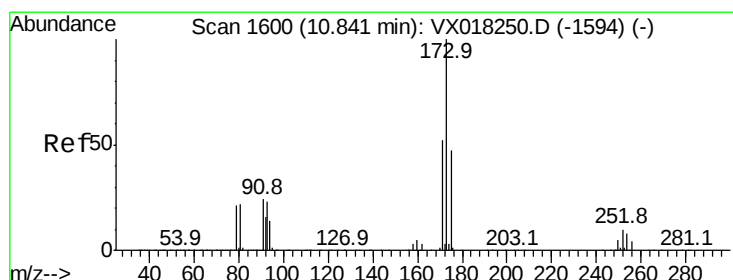
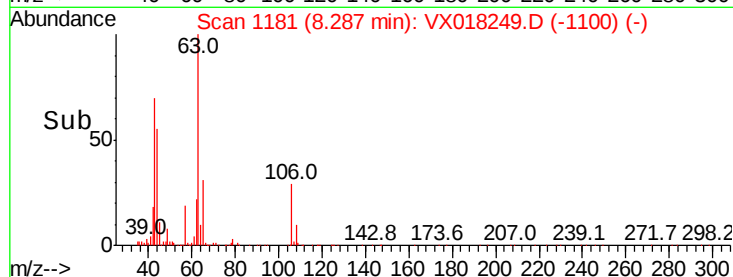
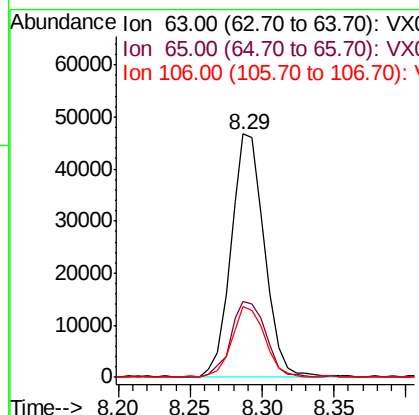
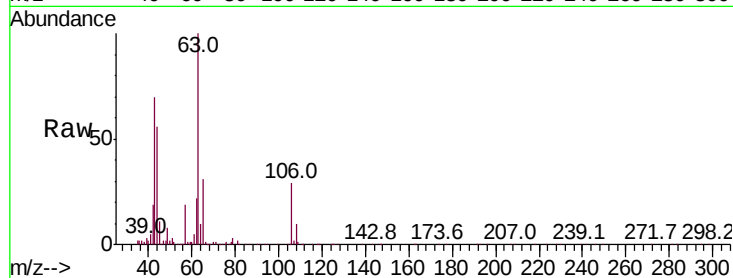
#55
 2-Chloroethyl vinyl ether
 Concen: 23.851 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	63	Resp:	75287
Ion Ratio	Lower	Upper	
63	100		
65	33.1	26.0	39.0
106	29.4	22.3	33.5

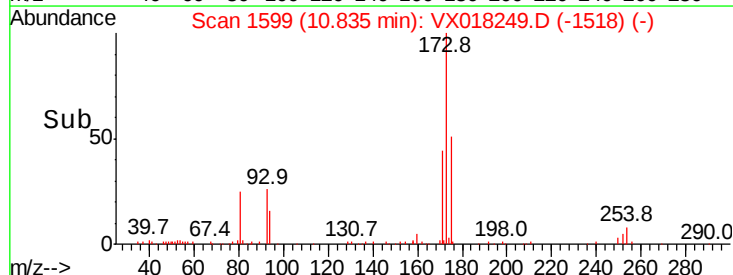
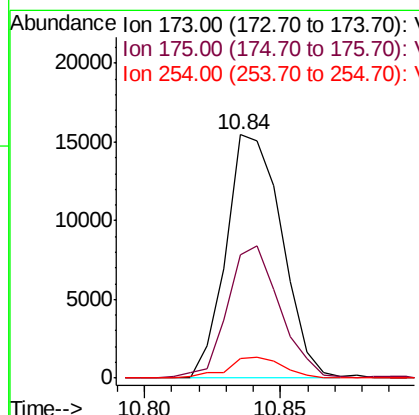
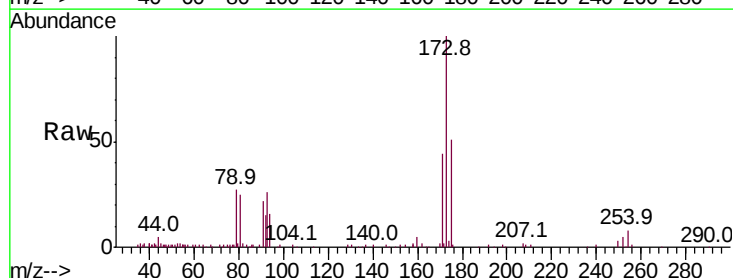
Manual Integrations
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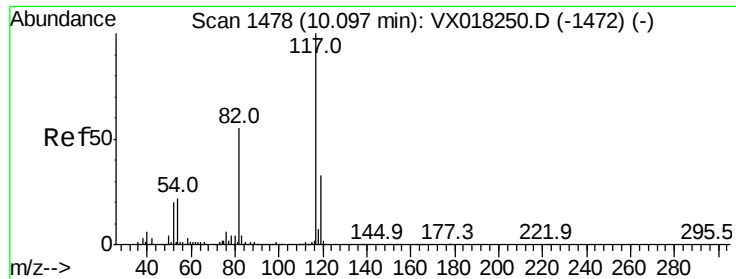
MMDadoda
 9/8/2020 5:16:44 PM



#56
 Bromoform
 Concen: 5.817 ug/l
 RT: 10.84 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Tgt Ion:	173	Resp:	21921
Ion Ratio	Lower	Upper	
173	100		
175	51.6	40.2	60.2
254	8.5	7.3	10.9





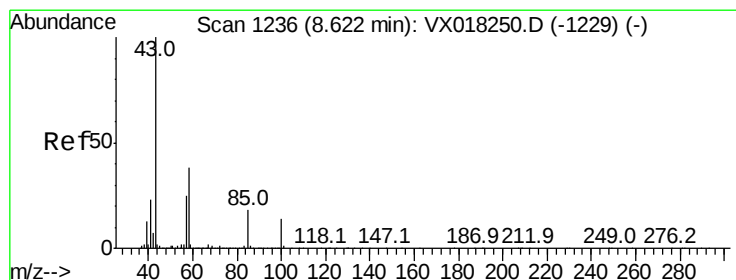
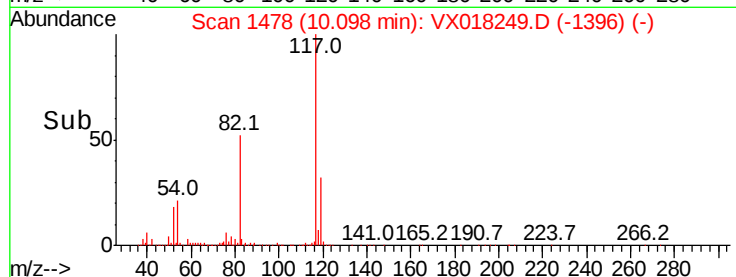
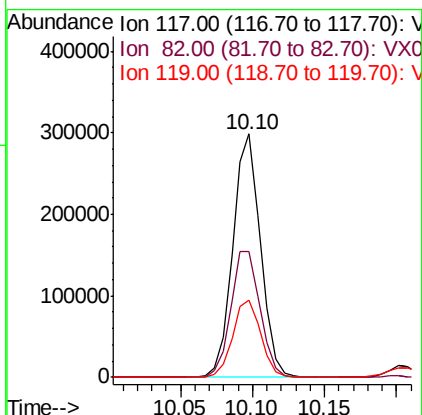
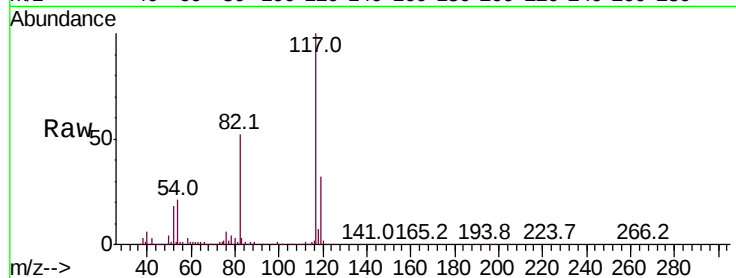
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.1	44.2	66.4
119	32.4	26.1	39.1

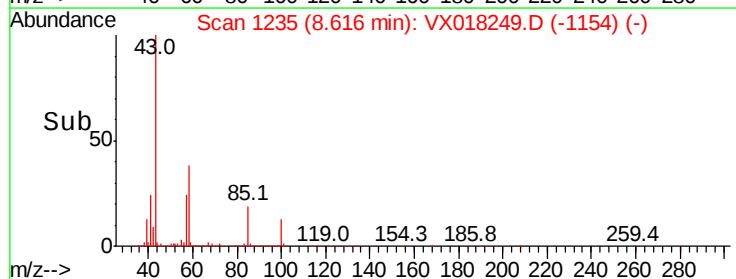
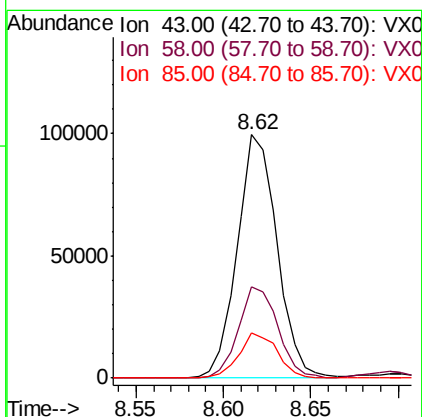
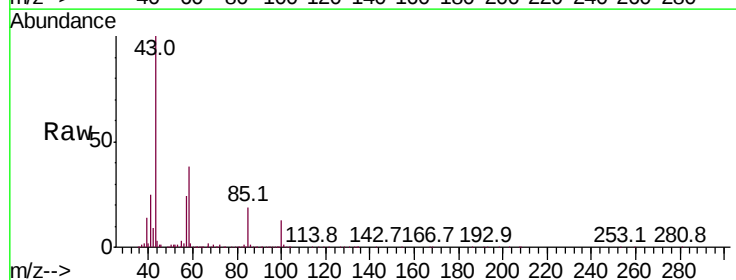
Manual Integrations
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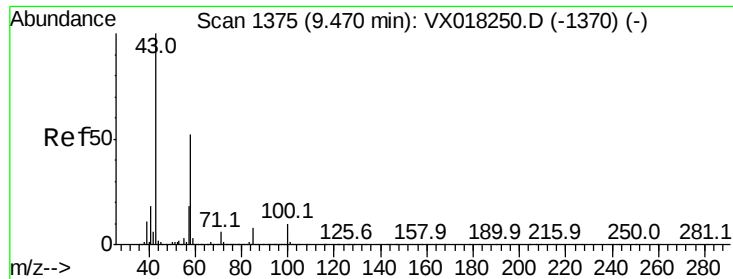
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 26.693 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	37.6	30.0	45.0
85	18.1	14.2	21.4





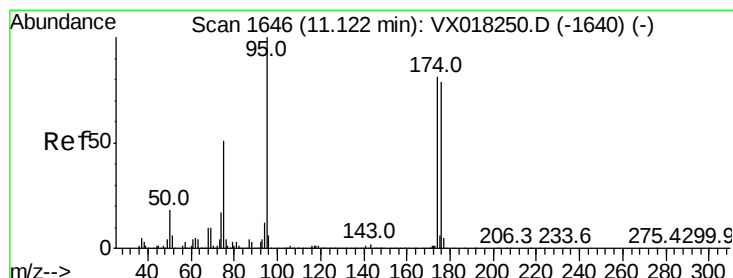
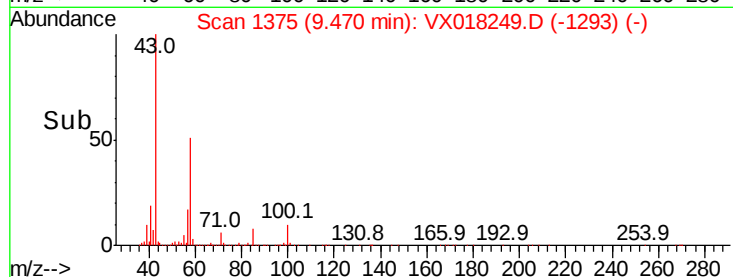
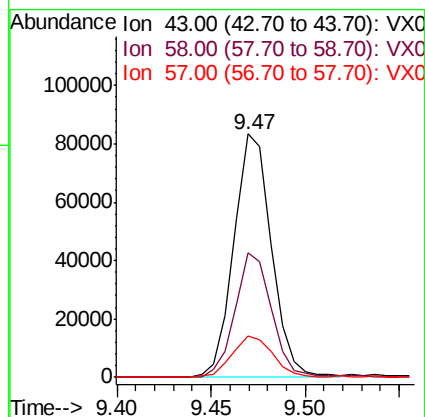
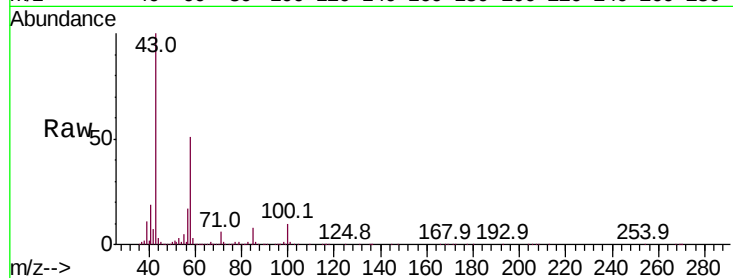
#59
2-Hexanone
Concen: 26.991 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.1	42.5	63.7
57	18.7	14.8	22.2

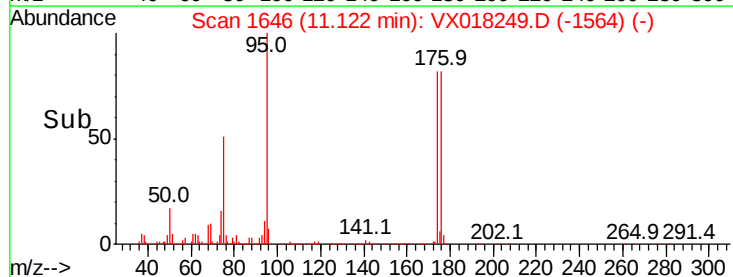
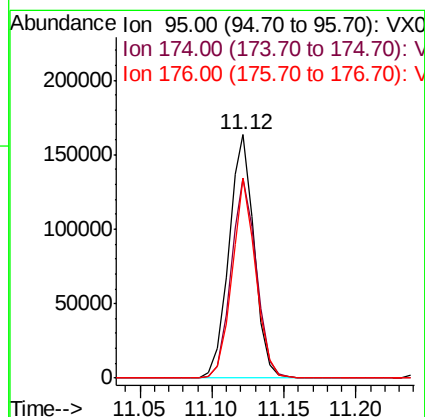
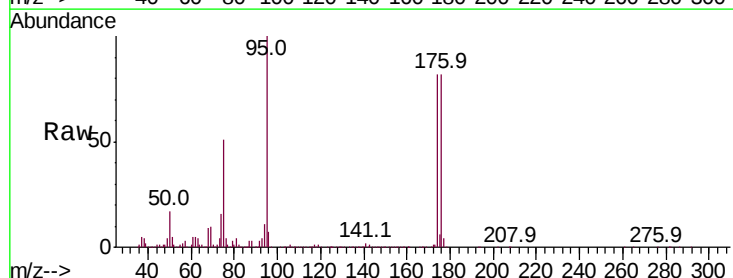
Manual Integrations
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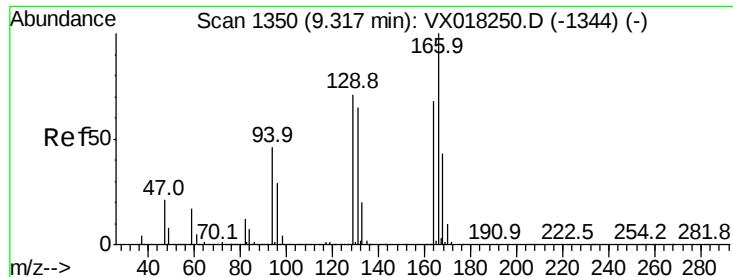
MMDadoda
9/8/2020 5:16:44 PM



#60
4-Bromofluorobenzene
Concen: 29.775 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	64.2	96.4
176	77.2	62.2	93.4





#61

Tetrachloroethene

Concen: 6.123 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:164 Resp: 27422

Ion Ratio Lower Upper

164 100

166 115.0 117.4 176.0#

129 84.2 82.7 124.1

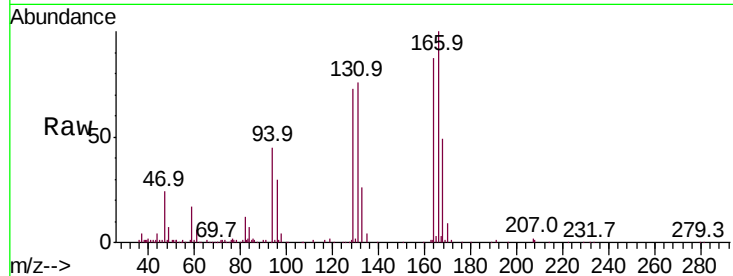
131 87.8 76.7 115.1

Manual Integrations

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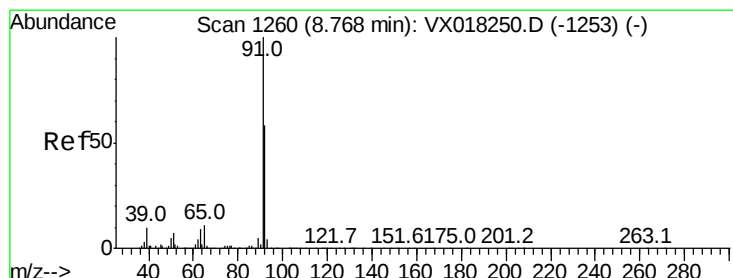
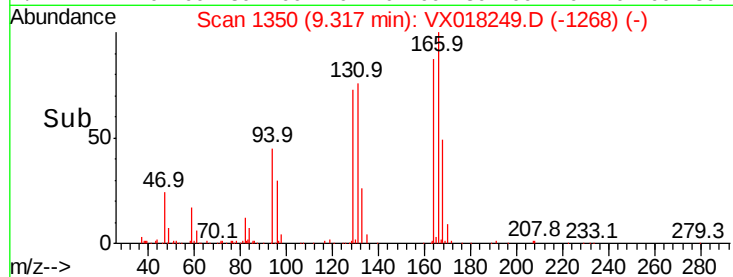
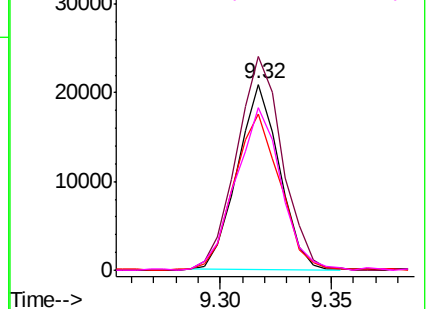
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 6.147 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018249.D

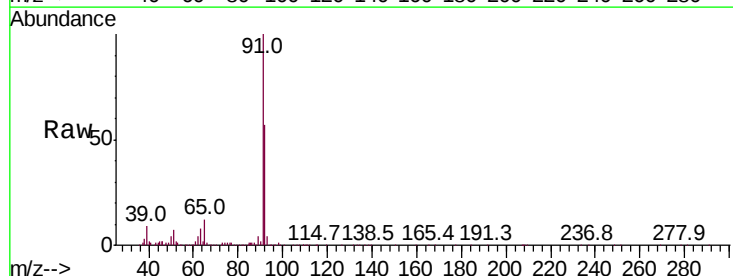
Acq: 04 Sep 2020 10:17

Tgt Ion: 91 Resp: 101997

Ion Ratio Lower Upper

91 100

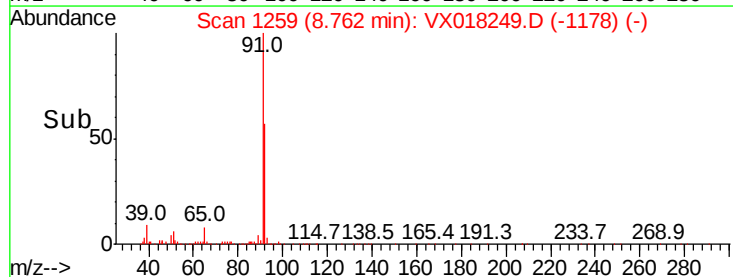
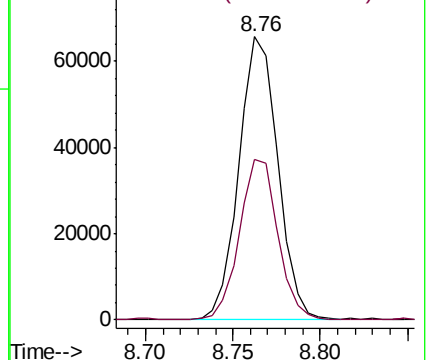
92 56.4 46.9 70.3

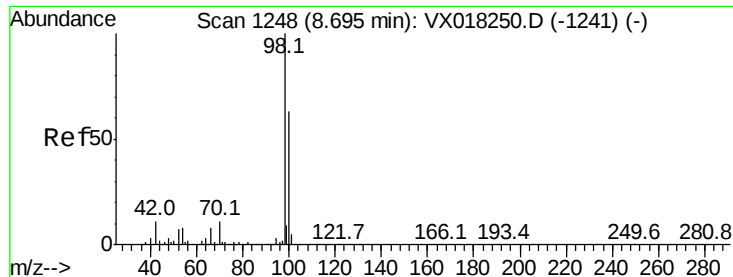


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.402 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 98 Resp: 528824

Ion Ratio Lower Upper

98 100

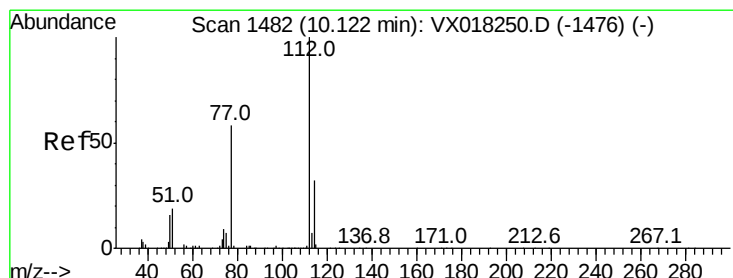
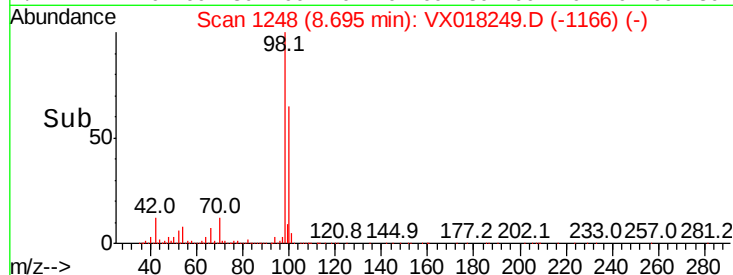
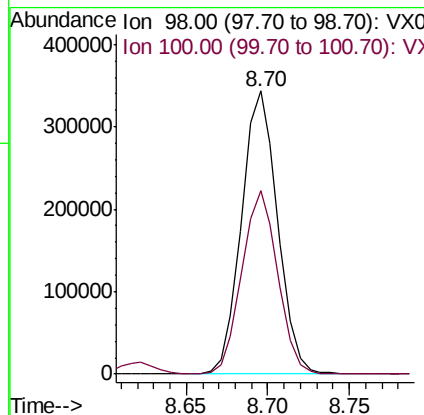
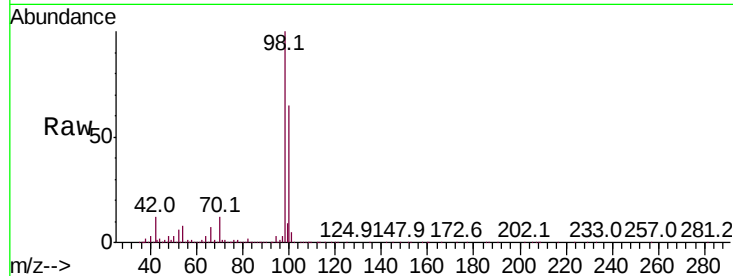
100 64.5 51.4 77.0

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#64

Chlorobenzene

Concen: 5.788 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018249.D

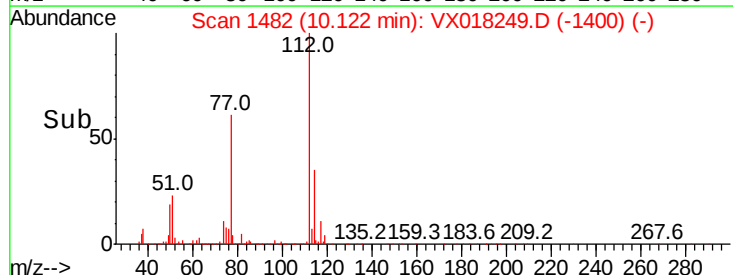
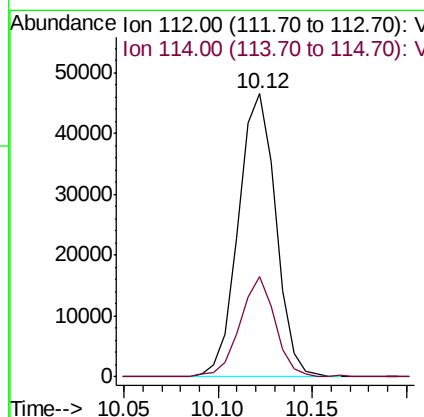
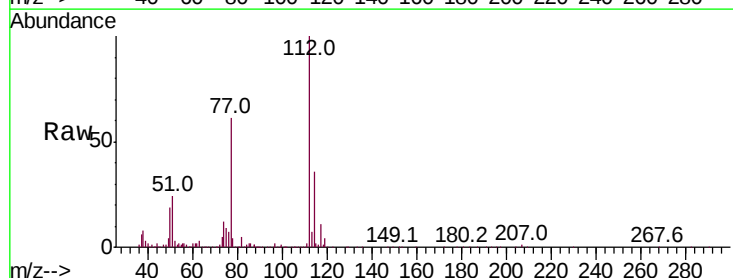
Acq: 04 Sep 2020 10:17

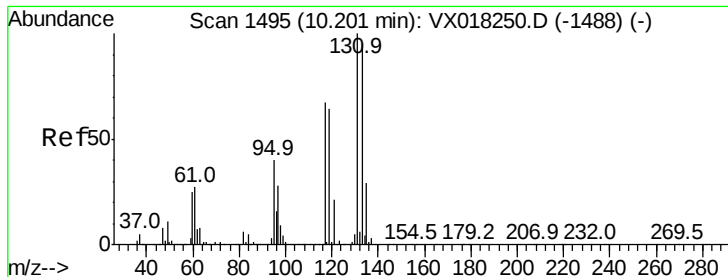
Tgt Ion: 112 Resp: 64139

Ion Ratio Lower Upper

112 100

114 35.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 5.826 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

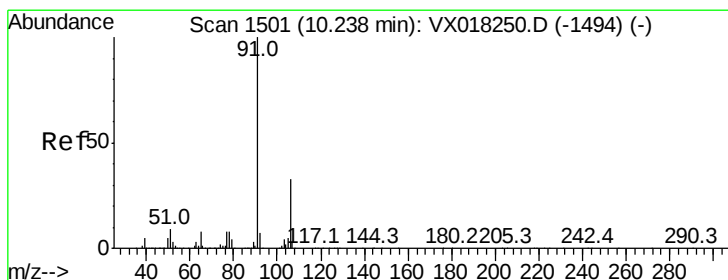
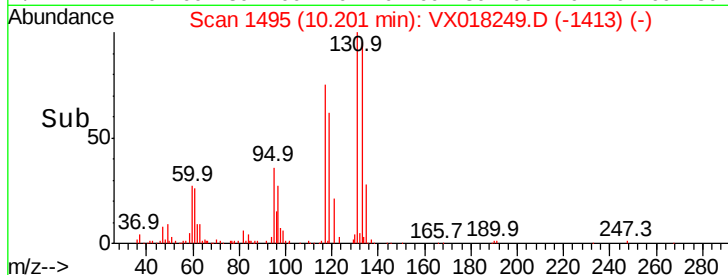
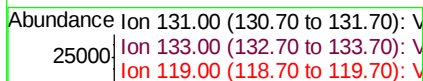
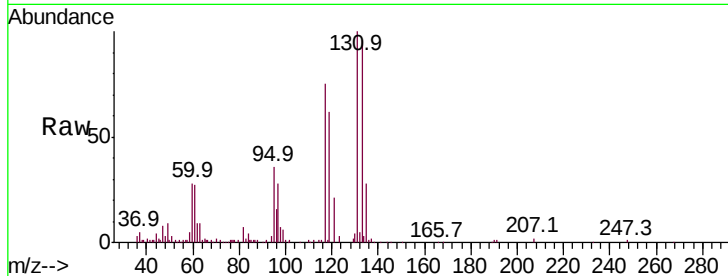
ClientSampled :

VSTDIC005

Tot Ion:	131	Resp:	26395
Ion Ratio	Lower	Upper	
131	100		
133	96.3	0.0	197.2
119	65.6	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 5.560 ug/l

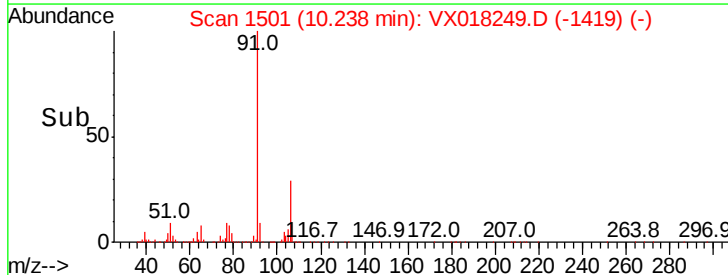
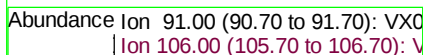
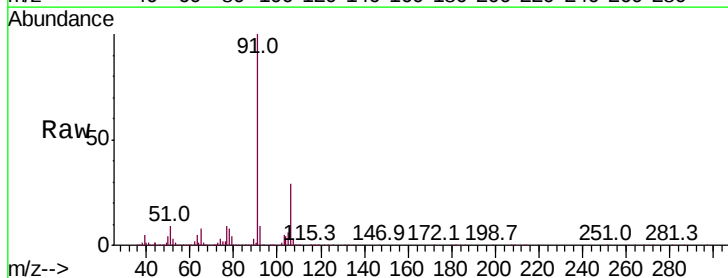
RT: 10.24 min Scan# 1501

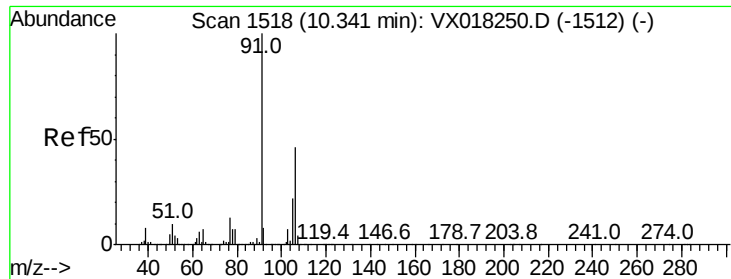
Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion:	91	Resp:	102591
Ion Ratio	Lower	Upper	
91	100		
106	29.4	26.3	39.5





#67

m/p-Xvlenes

Concen: 11.137 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:106 Resp: 77342

Ion Ratio Lower Upper

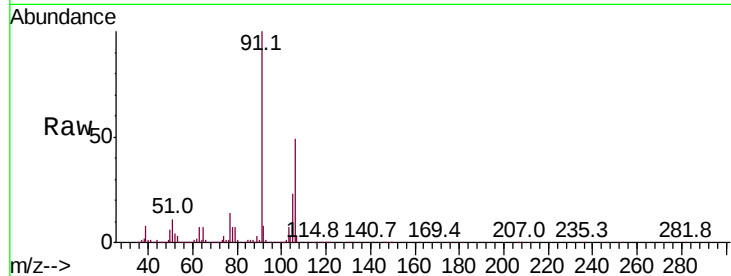
106 100

91 198.4 166.2 249.2

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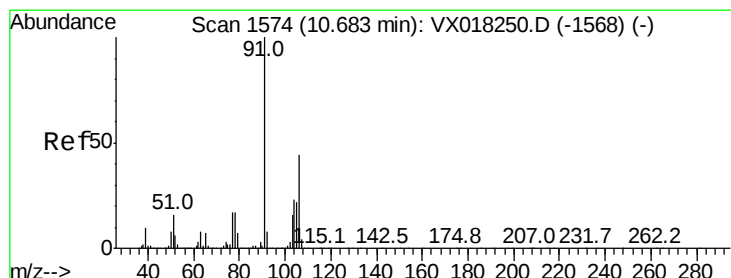
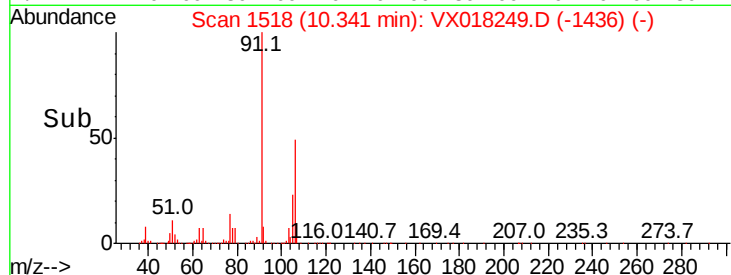
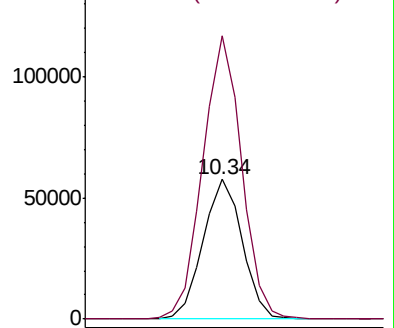
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 5.170 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018249.D

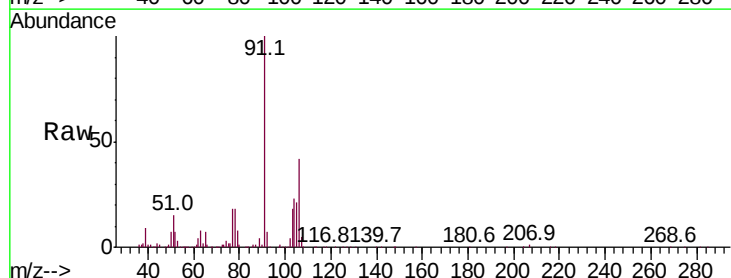
Acq: 04 Sep 2020 10:17

Tgt Ion:106 Resp: 35003

Ion Ratio Lower Upper

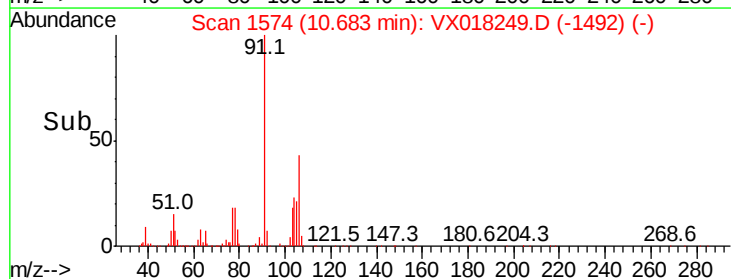
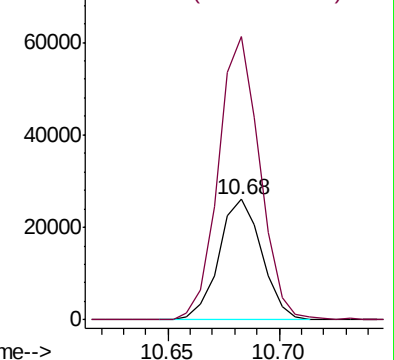
106 100

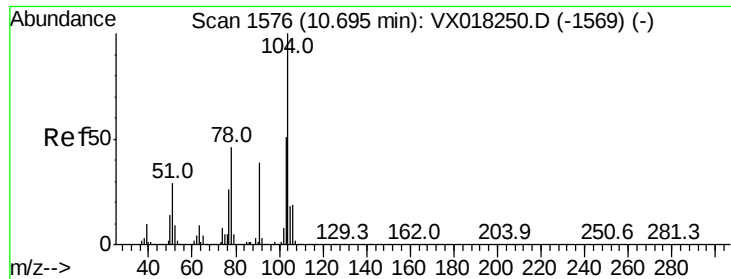
91 227.4 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





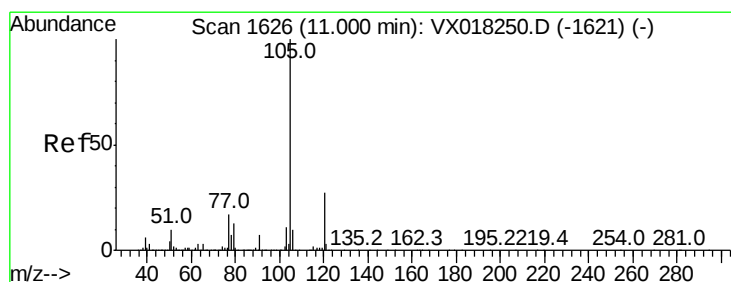
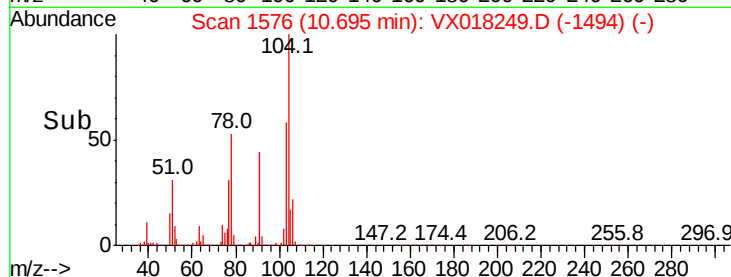
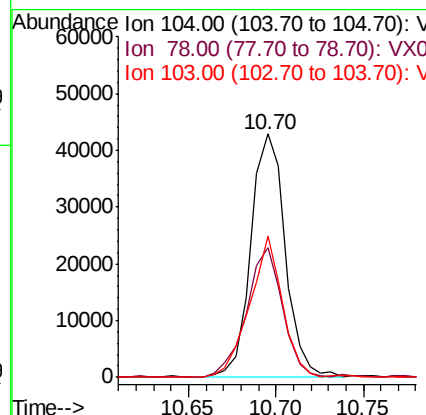
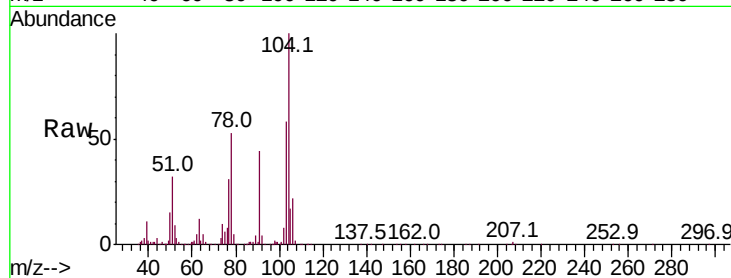
#69
Stvrene
Concen: 4.951 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.2	41.7	62.5
103	55.4	44.2	66.2

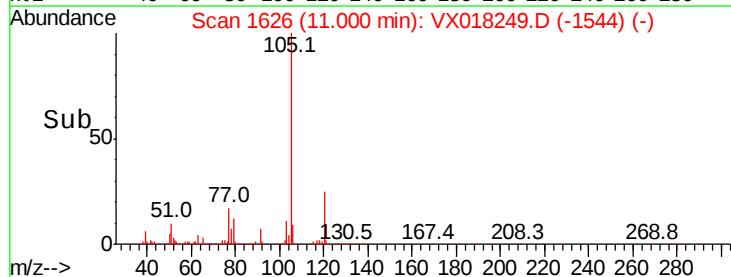
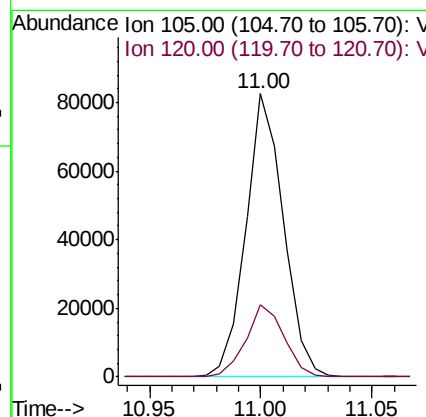
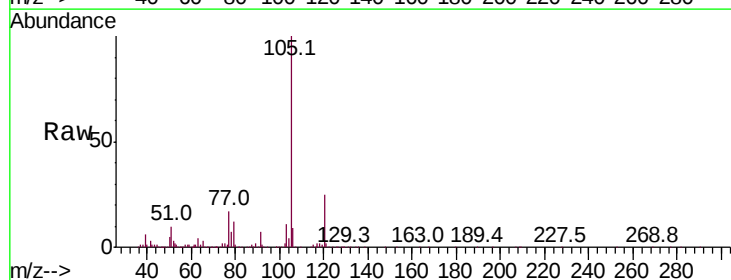
Manual Integrations
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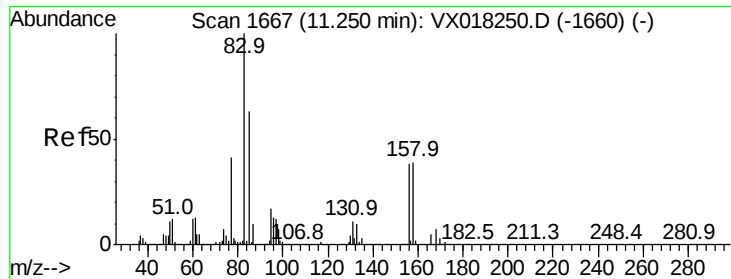
MMDadoda
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#70
Isopropylbenzene
Concen: 4.958 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 6.430 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

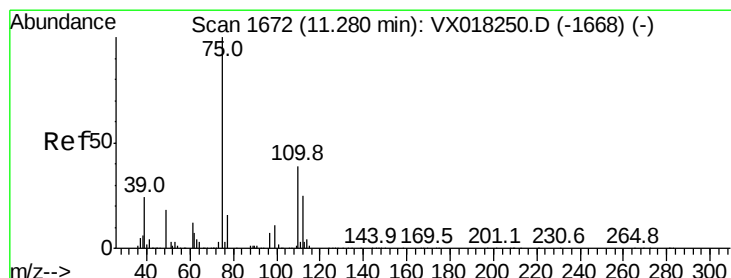
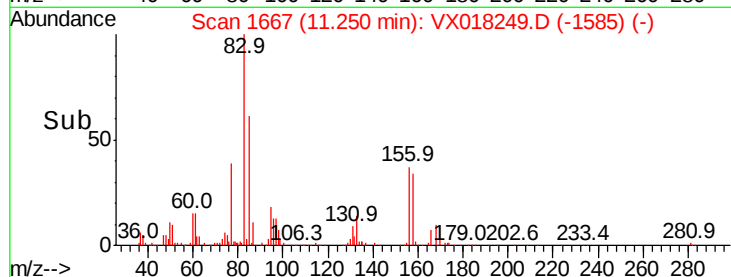
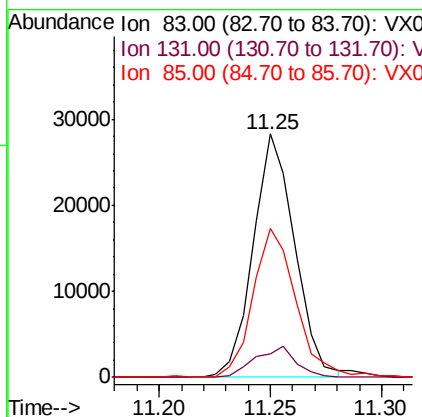
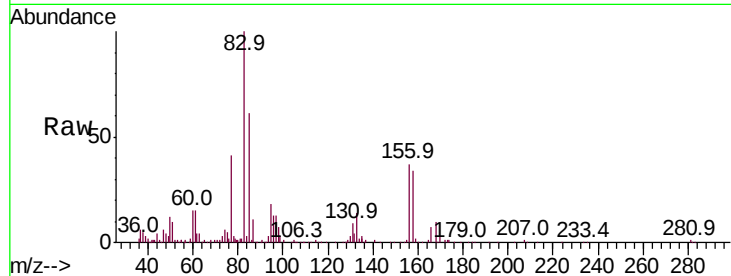
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	36810
Ion Ratio	Lower	Upper	
83	100		
131	12.8	5.8	17.3
85	63.9	31.3	93.9

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 6.338 ug/l m

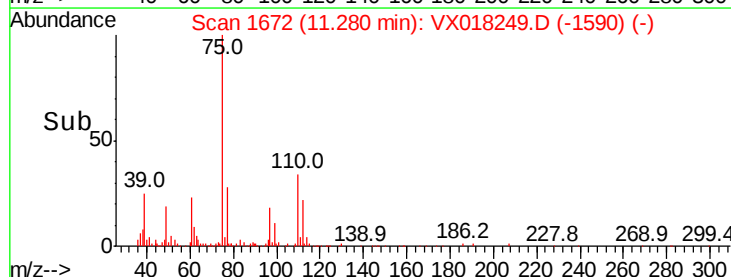
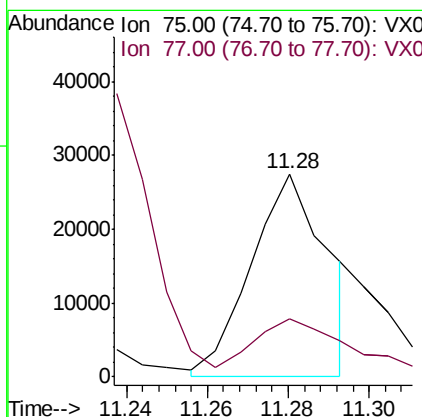
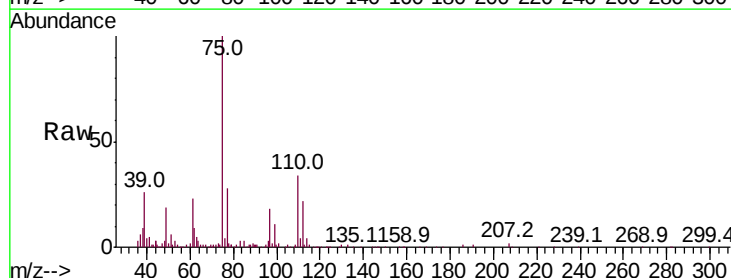
RT: 11.28 min Scan# 1672

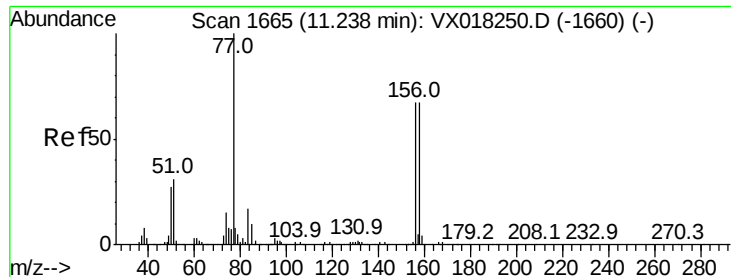
Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion:	75	Resp:	35851
Ion Ratio	Lower	Upper	
75	100		
77	34.8	0.0	74.8





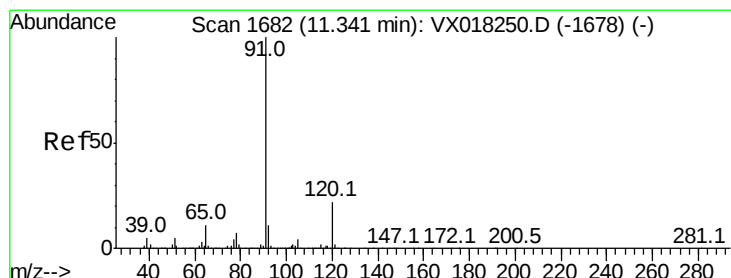
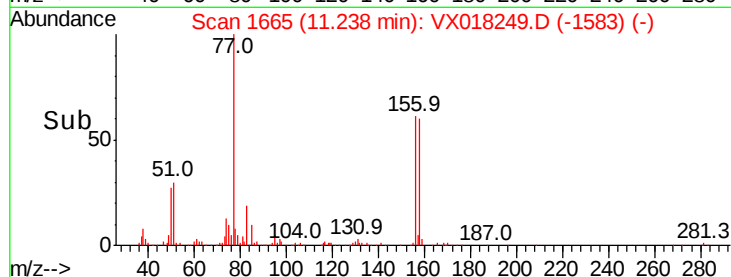
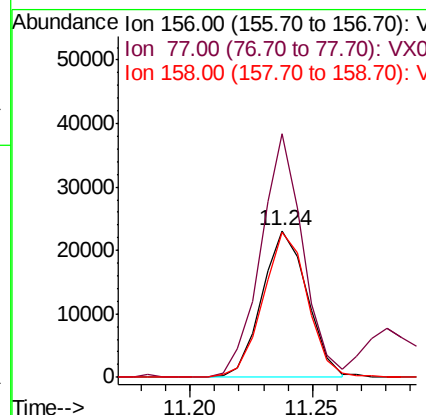
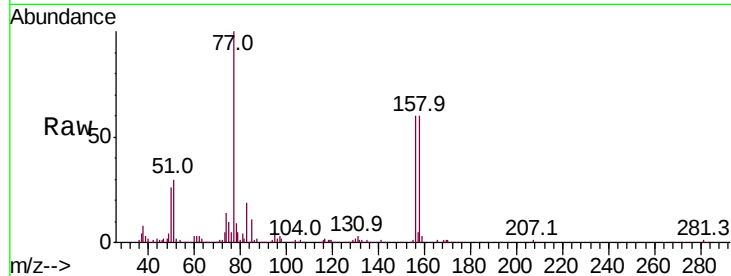
#73
Bromobenzene
Concen: 5.756 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.3	0.0	311.0
158	97.4	0.0	194.4

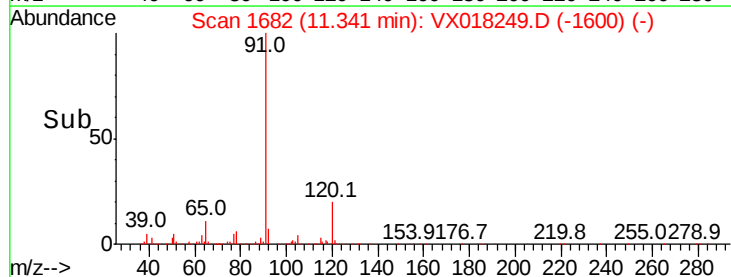
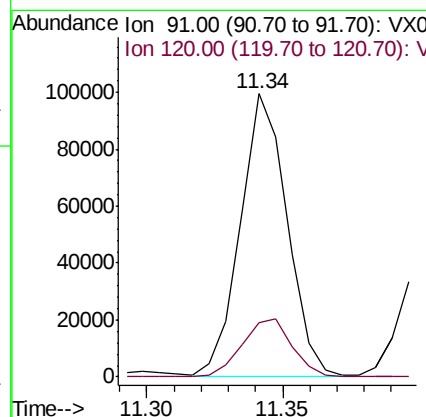
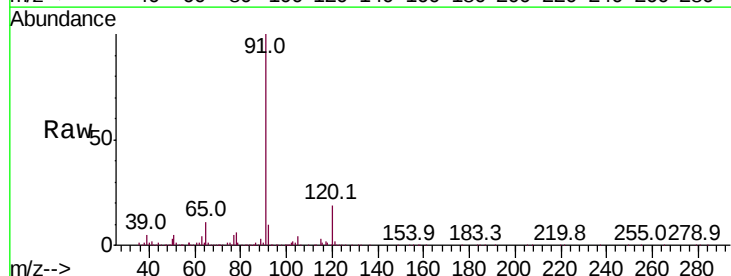
Manual Integrations
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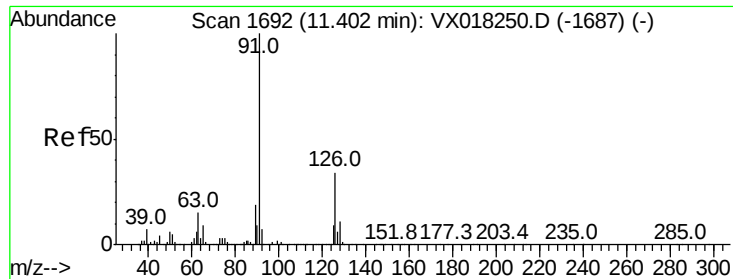
MMDadoda
9/8/2020 5:16:44 PM



#74
n-propylbenzene
Concen: 5.261 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	0.0	45.4





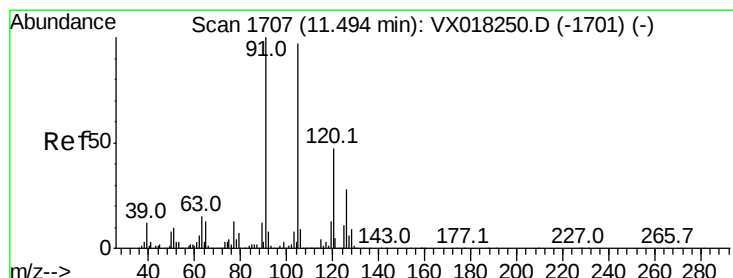
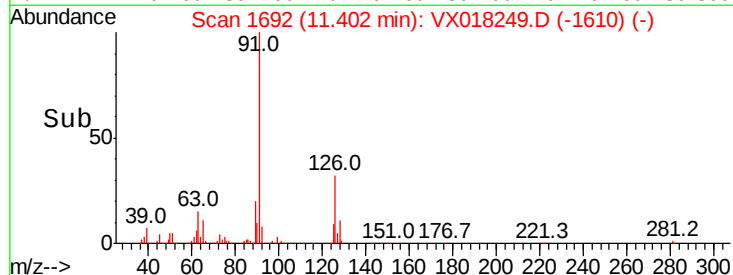
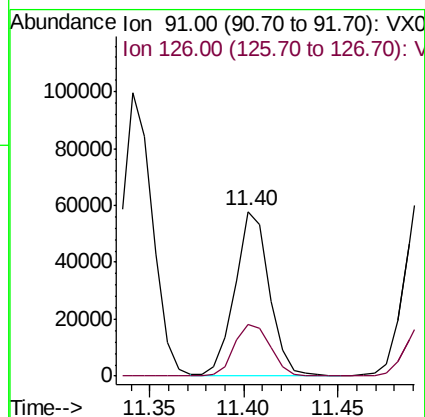
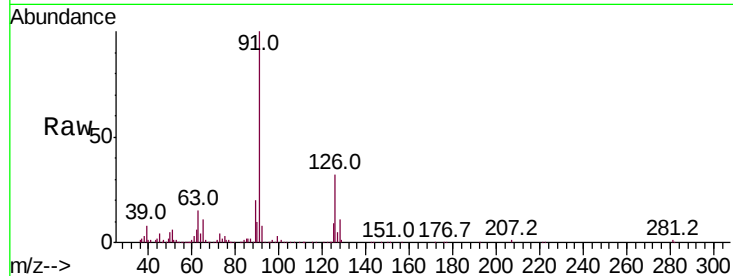
#75
2-Chlorotoluene
Concen: 5.397 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	68.4

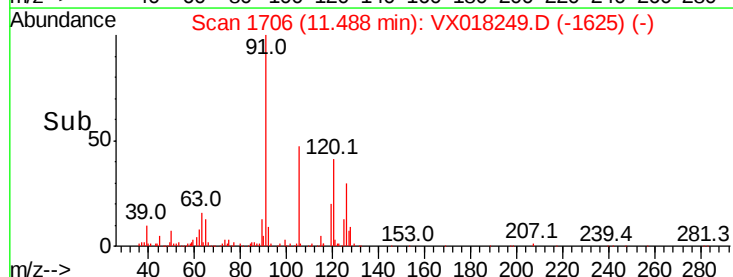
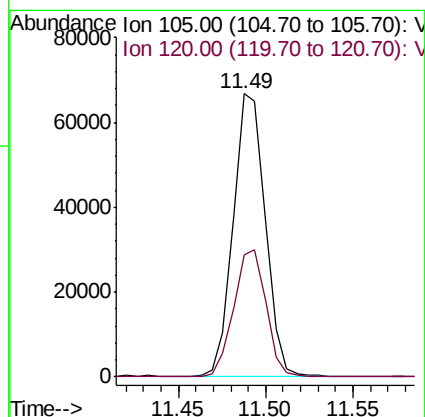
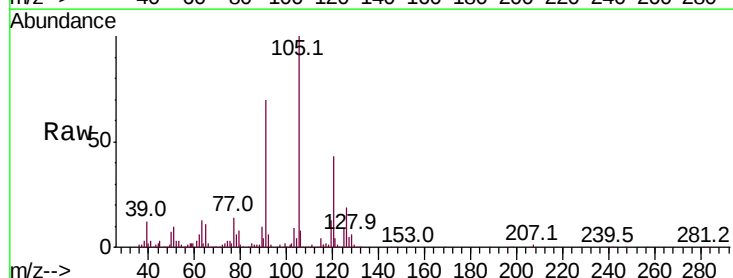
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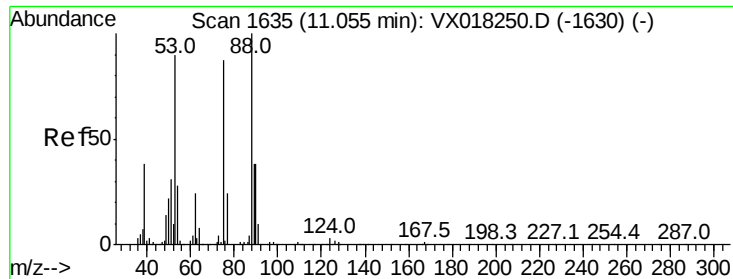
MMDadoda
9/8/2020 5:16:44 PM



#76
1,3,5-Trimethylbenzene
Concen: 5.172 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	95.0





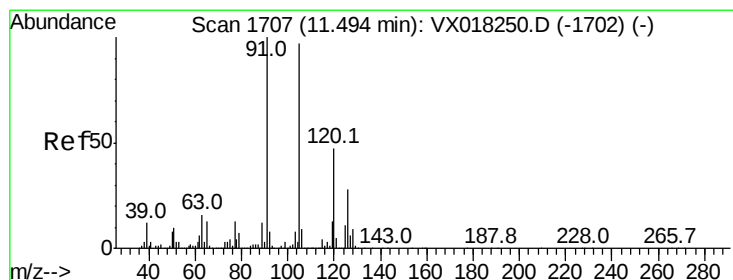
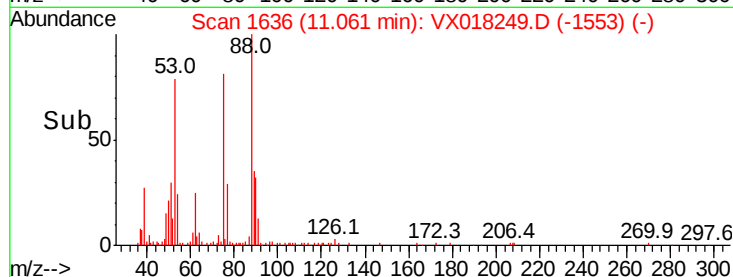
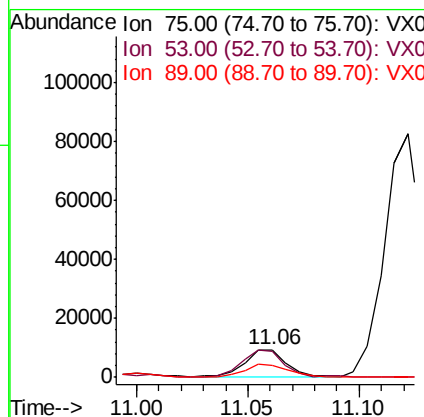
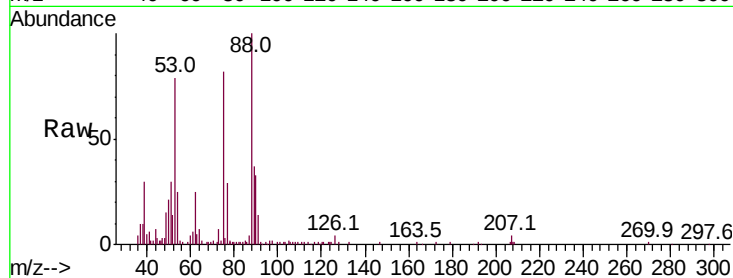
#77
t-1,4-Dichloro-2-butene
Concen: 5.609 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	52.1	156.4
89	43.1	22.1	66.3

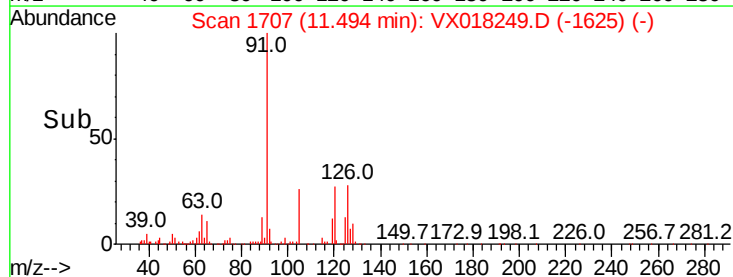
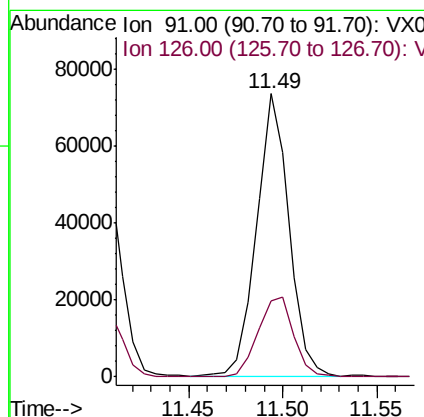
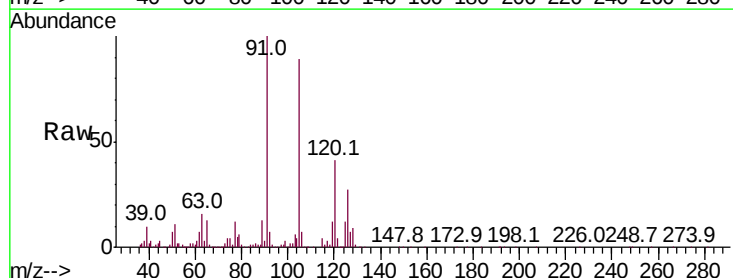
Manual Integrations
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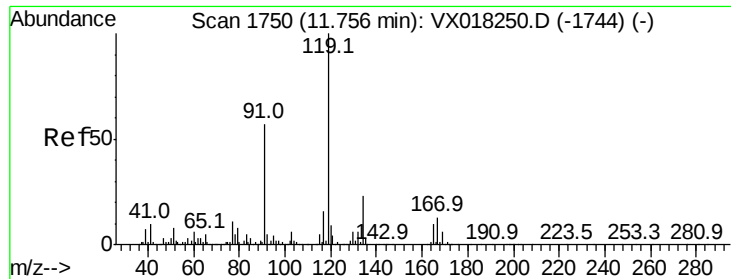
MMDadoda
9/8/2020 5:16:44 PM



#78
4-Chlorotoluene
Concen: 5.509 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	59.2





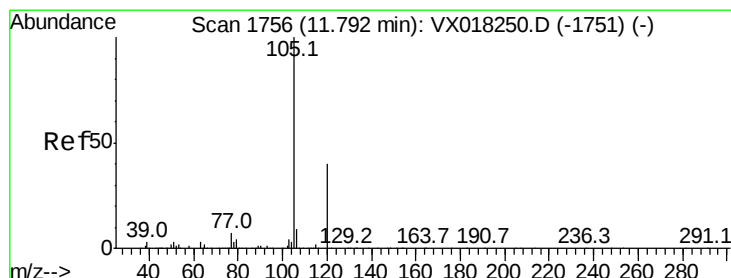
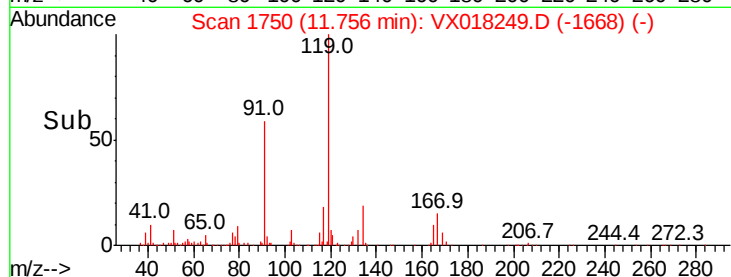
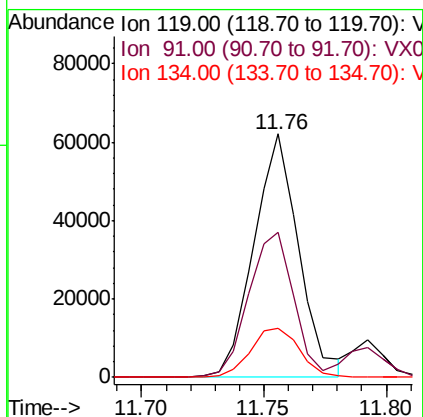
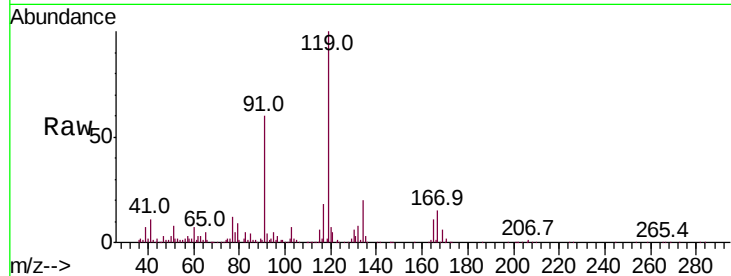
#79
tert-butylbenzene
Concen: 4.904 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	79465		
91	59.6		0.0	111.8
134	22.0		0.0	42.4

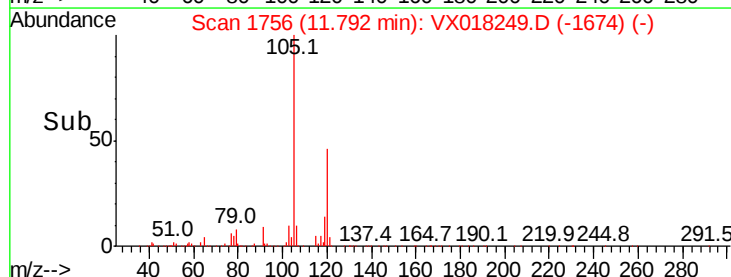
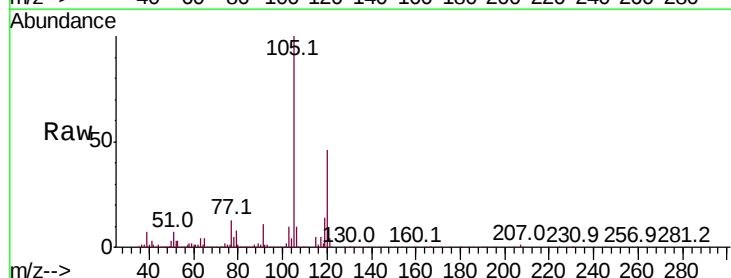
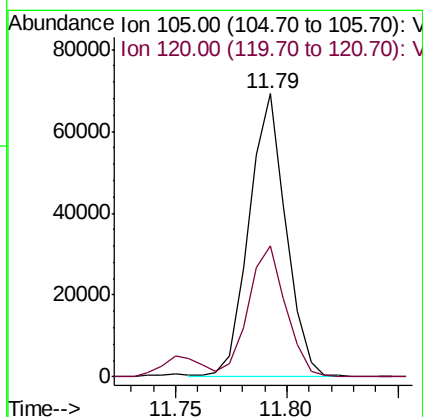
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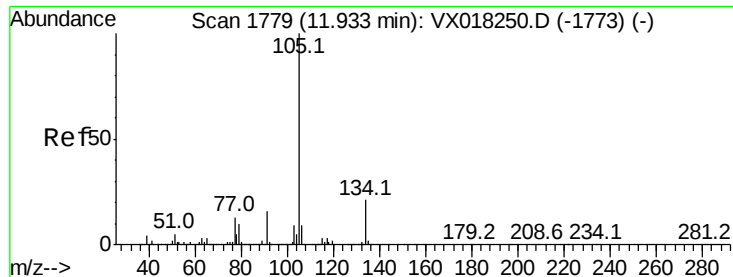
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 4.670 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	80179		
120	47.1		0.0	89.2





#81

sec-Butylbenzene

Concen: 4.924 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 94729

Ion Ratio Lower Upper

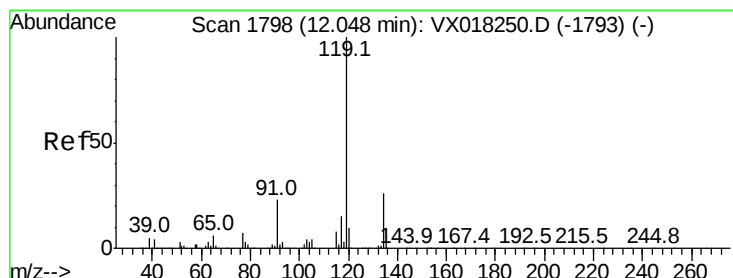
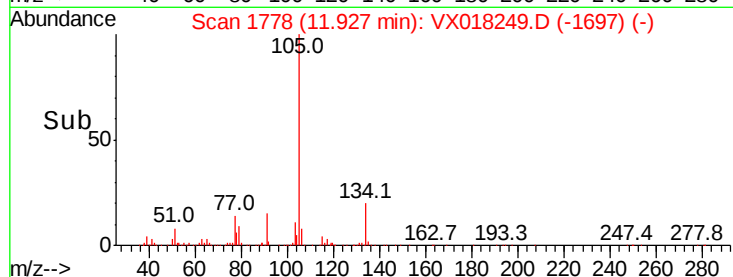
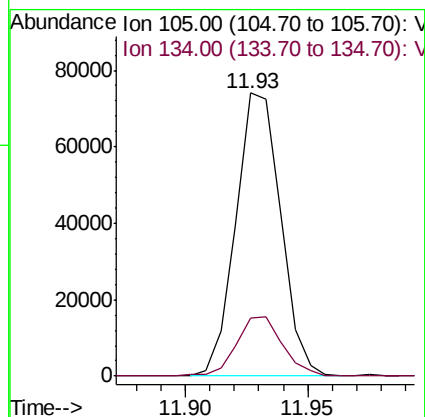
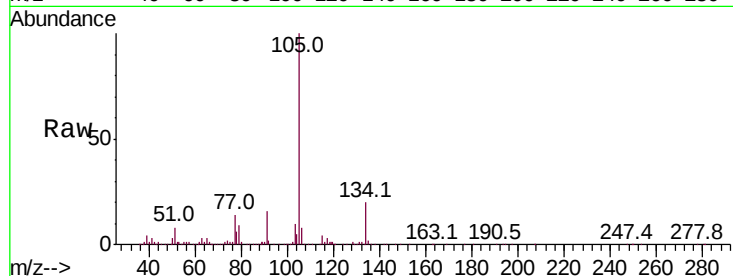
105 100

134 21.5 0.0 40.0

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#82

p-Isopropyltoluene

Concen: 4.922 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

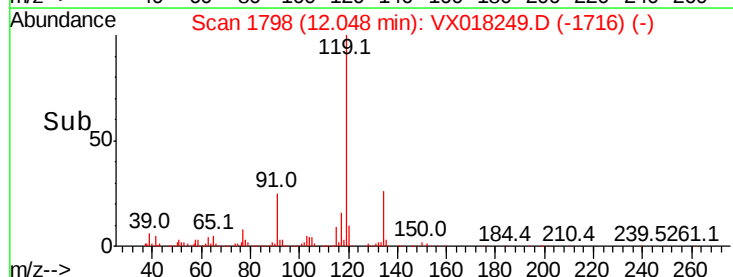
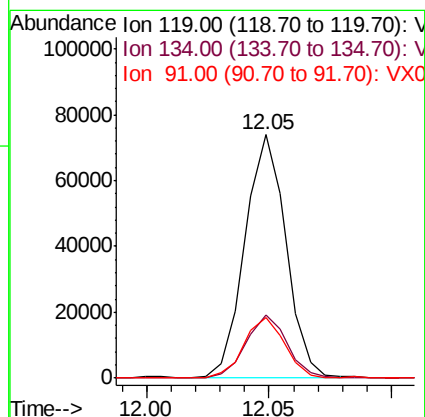
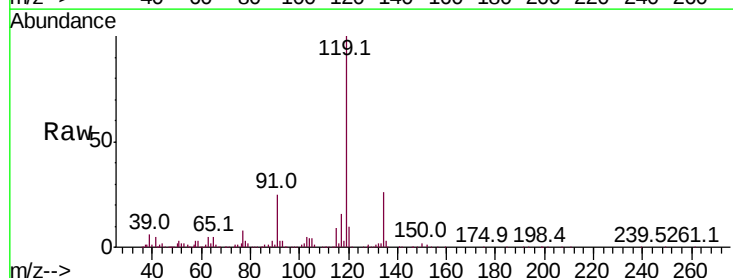
Tgt Ion:119 Resp: 86444

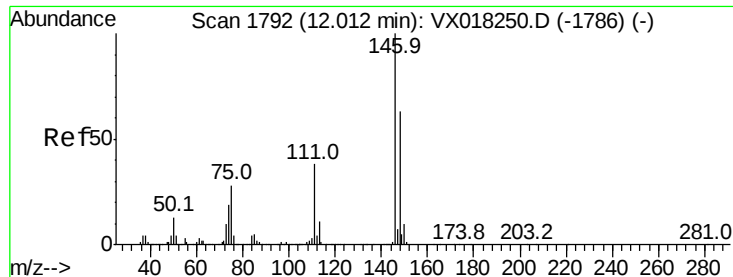
Ion Ratio Lower Upper

119 100

134 25.9 0.0 53.0

91 24.5 0.0 49.8





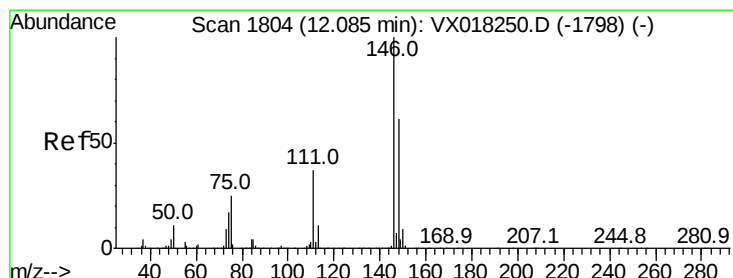
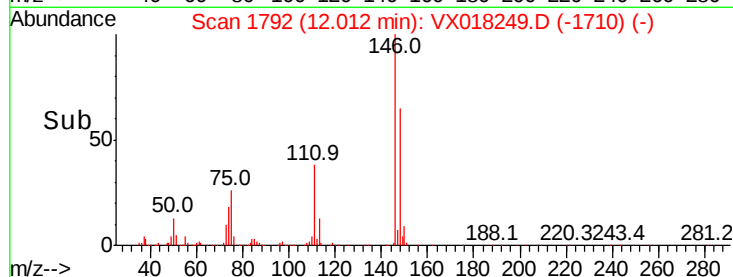
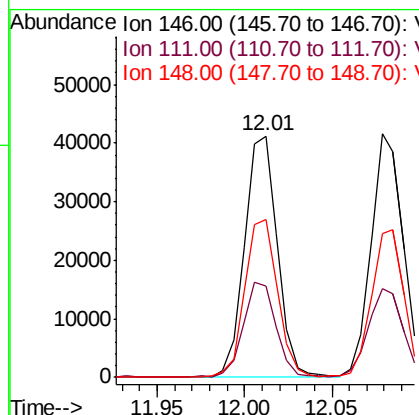
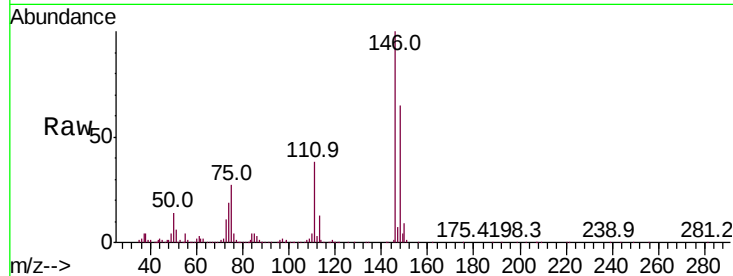
#83
 1,3-Dichlorobenzene
 Concen: 5.638 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	65.2	32.1	96.3

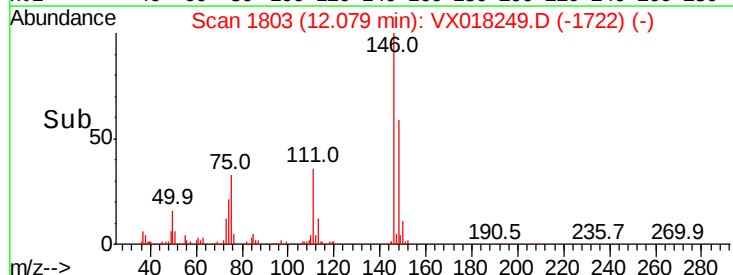
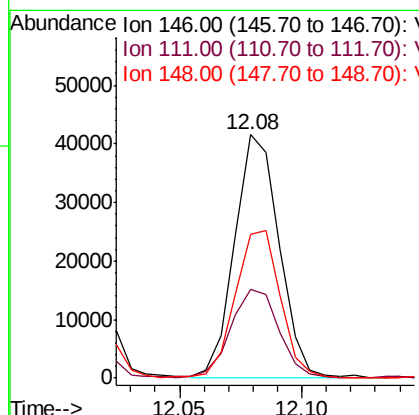
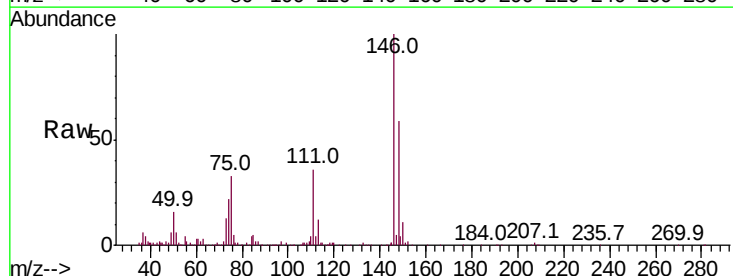
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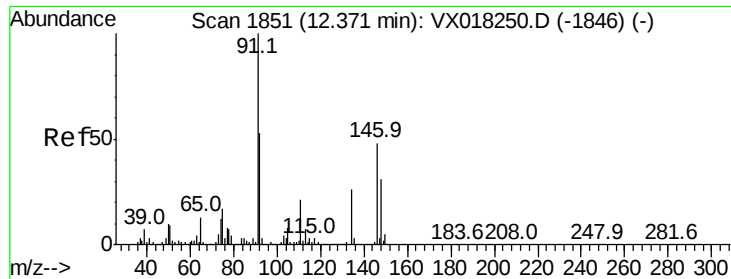
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#84
 1,4-Dichlorobenzene
 Concen: 5.580 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.8
148	60.9	31.7	95.1





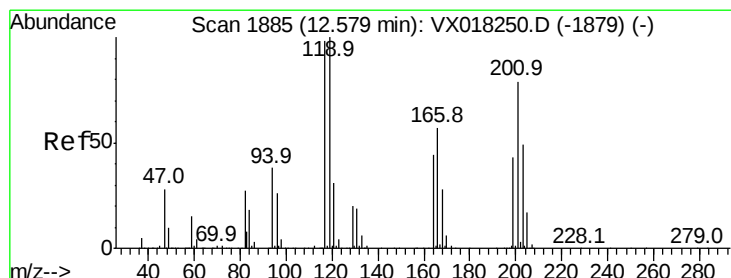
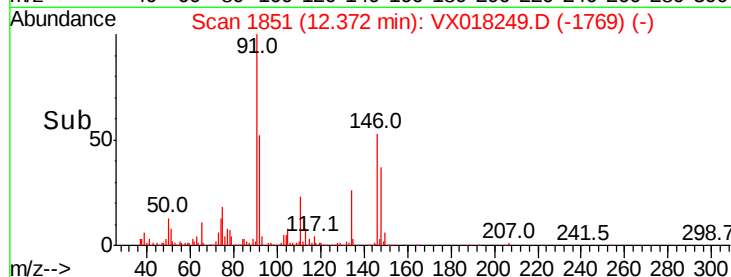
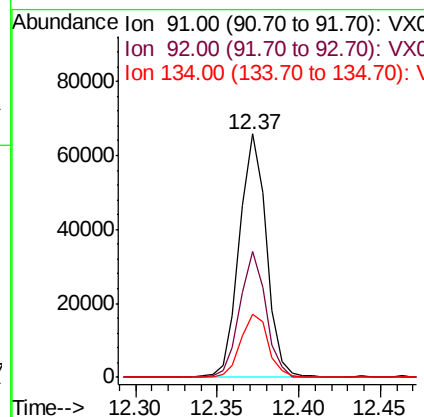
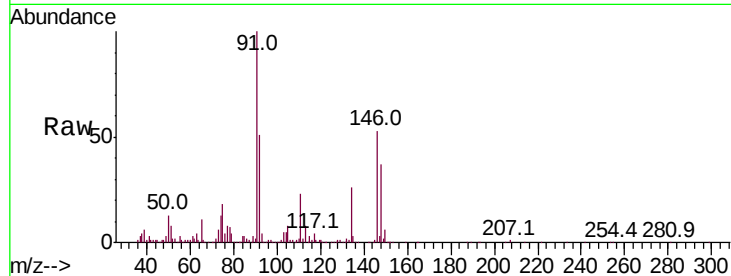
#85
n-Butylbenzene
Concen: 4.578 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
91	100	76117		
92	49.7	0.0	105.0	
134	26.4	0.0	51.0	

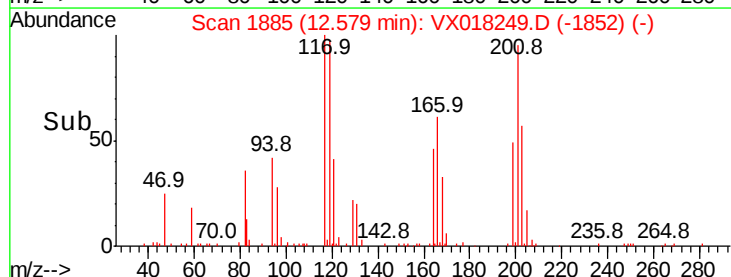
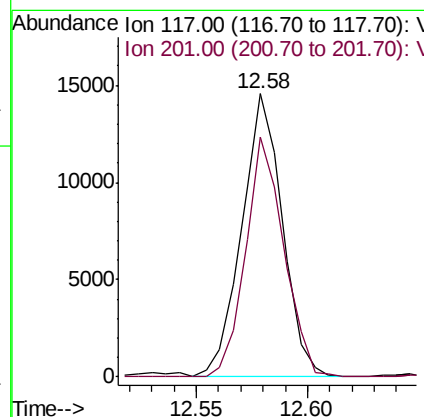
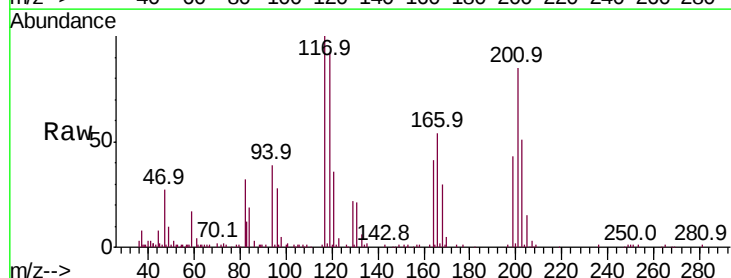
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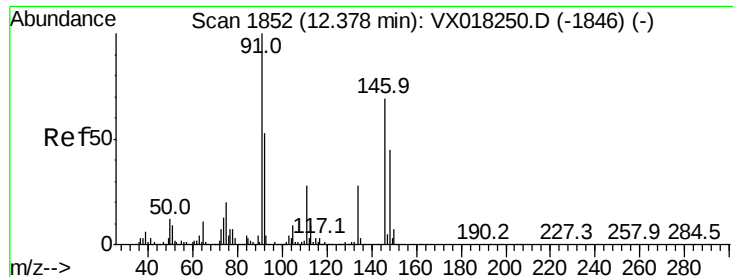
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#86
Hexachloroethane
Concen: 4.978 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	18485		
201	79.7	39.6	118.8	





#87

1,2-Dichlorobenzene

Concen: 5.275 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018249.D

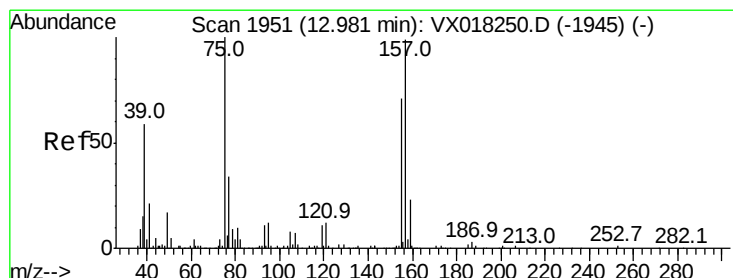
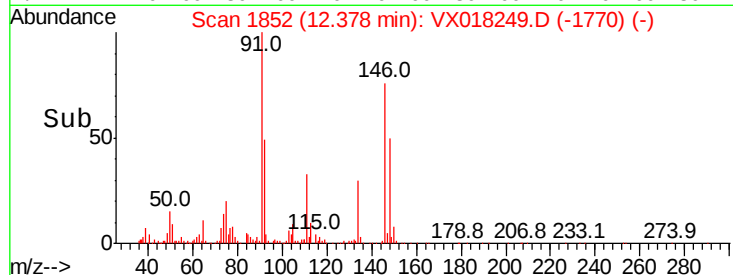
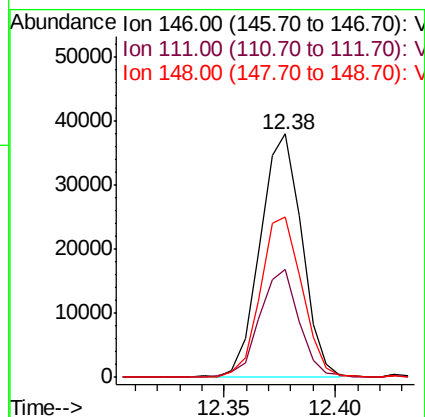
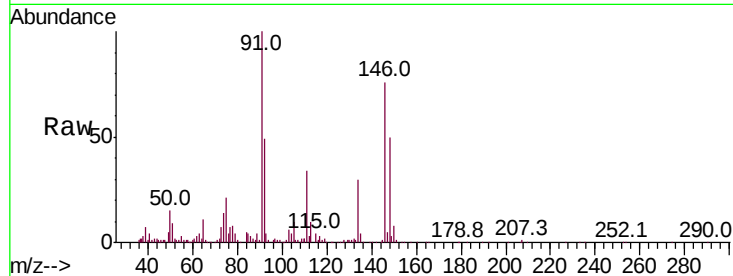
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	66.3	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 5.603 ug/l

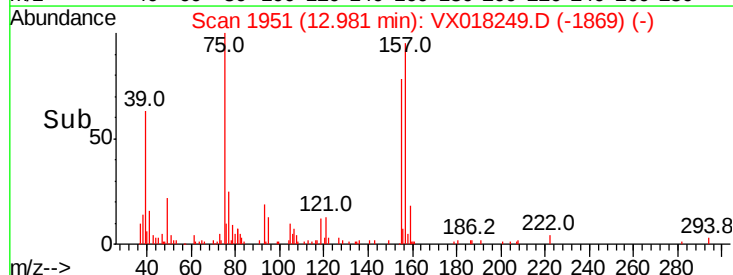
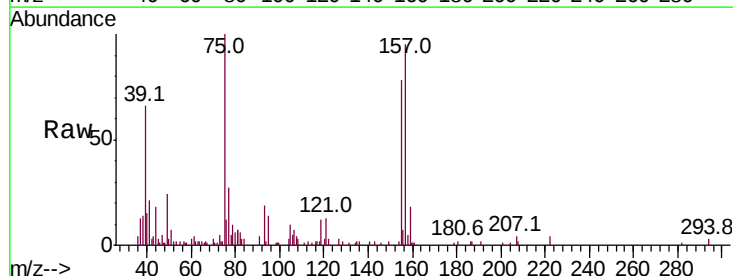
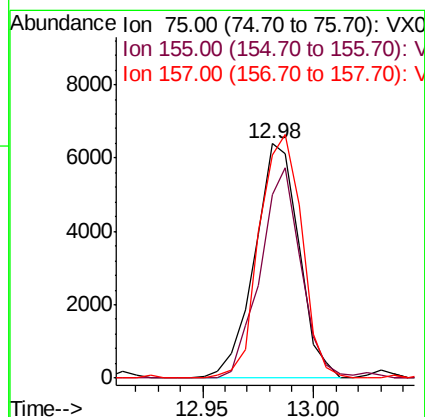
RT: 12.98 min Scan# 1951

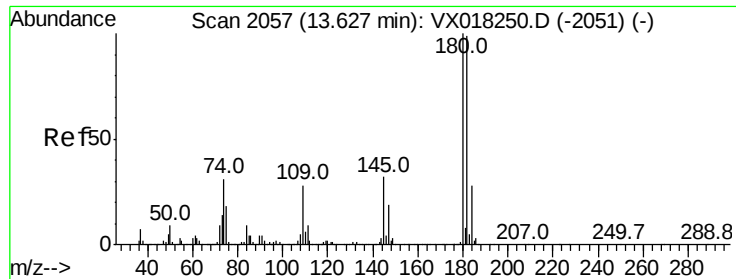
Delta R.T. 0.00 min

Lab File: VX018249.D

Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	63.4	95.2
157	99.6	87.0	130.6





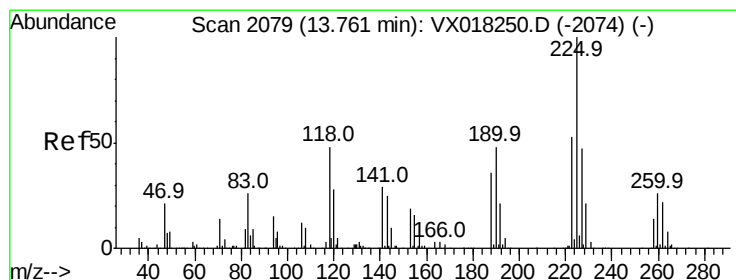
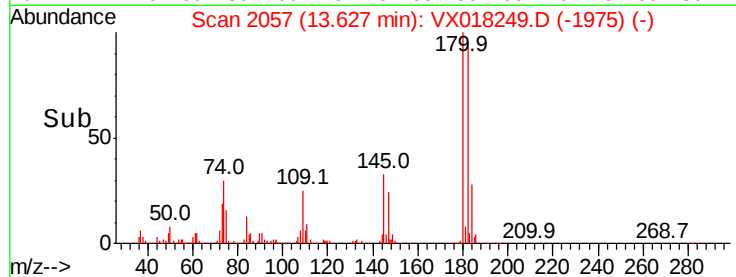
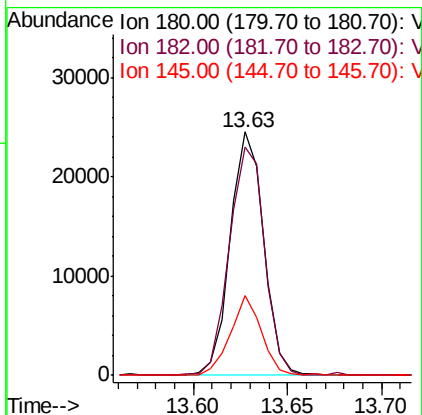
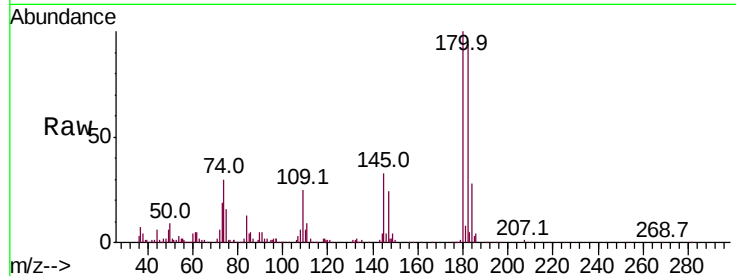
#89
 1,2,4-Trichlorobenzene
 Concen: 4.669 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	30333		
182	97.9		77.1	115.7
145	30.6		25.0	37.6

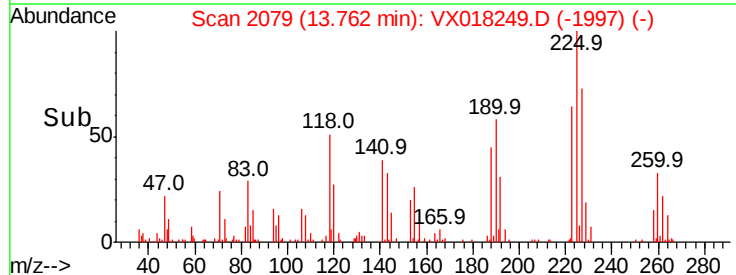
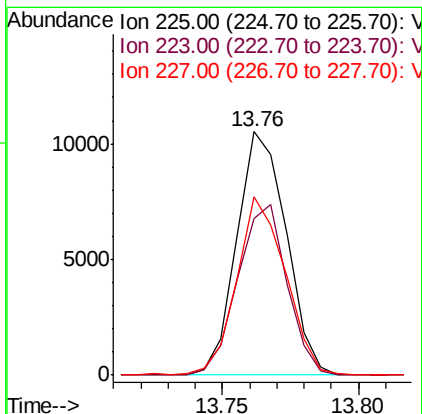
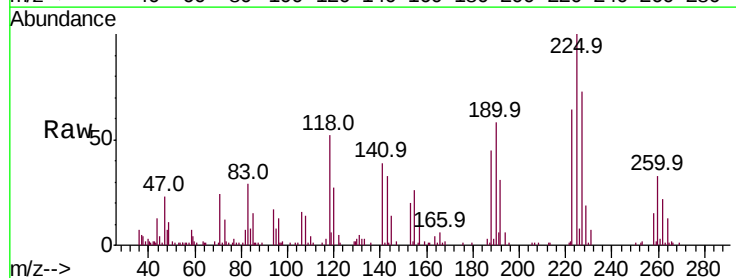
Manual Integrations
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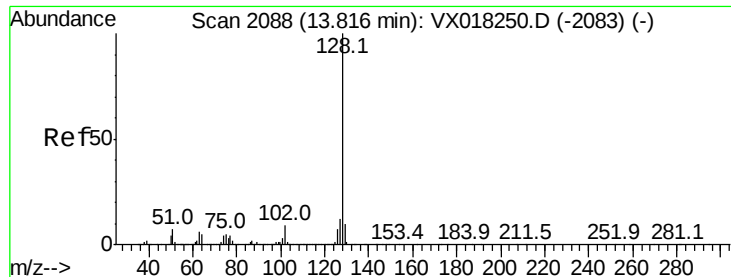
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#90
 Hexachlorobutadiene
 Concen: 4.455 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018249.D
 Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13251		
223	69.7		0.0	115.8
227	72.1		0.0	117.0





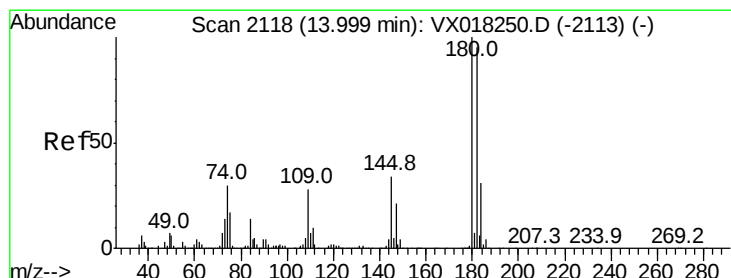
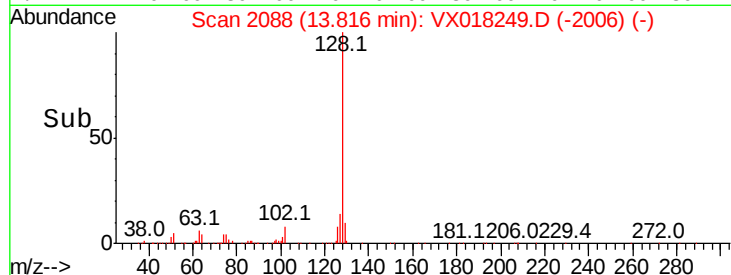
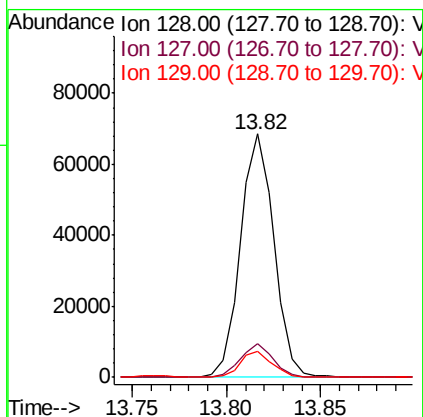
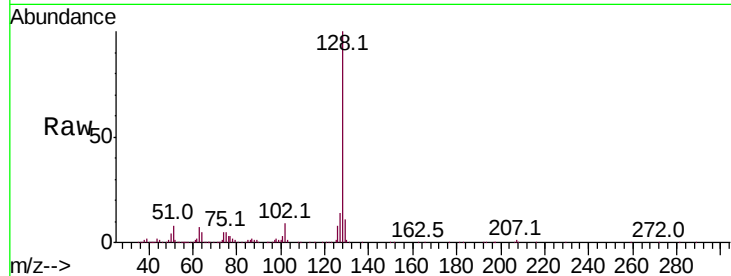
#91
Naphthalene
Concen: 4.365 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	10.3	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 4.822 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018249.D
Acq: 04 Sep 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	0.0	191.6
145	33.4	0.0	67.4

