

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016029.D
 Acq On : 04 May 2020 11:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:17 AM

Quant Time: May 04 13:31:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	379839	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	587195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	532938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	4146	1.036	ug/l	96
3) Chloromethane	1.32	50	5477	1.144	ug/l	99
4) Vinyl Chloride	1.39	62	5599	1.110	ug/l	99
6) Chloroethane	1.72	64	3437	1.088	ug/l	98
7) Trichlorofluoromethane	1.92	101	6902	1.047	ug/l	99
8) Diethyl Ether	2.17	74	3143	1.126	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	4066	1.072	ug/l	93
12) 1,1-Dichloroethene	2.36	96	4408	1.109	ug/l	97
14) Allyl chloride	2.70	41	7881	1.085	ug/l	97
15) Acrylonitrile	3.11	53	14396	5.509	ug/l	98
16) Acetone	2.42	43	12405	5.537	ug/l	90
17) Carbon Disulfide	2.55	76	20639	1.452	ug/l	97
18) Methyl Acetate	2.75	43	6034	1.093	ug/l #	86
19) Methyl tert-butyl Ether	3.17	73	13816	1.019	ug/l	97
20) Methylene Chloride	2.83	84	5770	1.220	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	5400	1.209	ug/l	98
22) Diisopropyl ether	3.82	45	14841	1.083	ug/l	94
23) Vinyl Acetate	3.78	43	59739	5.035	ug/l	98
24) 1,1-Dichloroethane	3.67	63	8198	1.072	ug/l	97
25) 2-Butanone	4.64	43	17940	5.068	ug/l	99
26) 2,2-Dichloropropane	4.54	77	7847	1.109	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	5319	1.106	ug/l	99
28) Bromochloromethane	4.98	49	3652	1.055	ug/l #	97
29) Tetrahydrofuran	5.09	42	12443	5.279	ug/l	98
30) Chloroform	5.17	83	8021	1.053	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	7369	1.066	ug/l #	50
36) 1,1-Dichloropropene	5.77	75	6823	1.164	ug/l	95
37) Ethyl Acetate	4.79	43	6933	1.039	ug/l	97
38) Carbon Tetrachloride	5.75	117	6289	1.068	ug/l	91
39) Methylcyclohexane	7.43	83	7673	1.098	ug/l	93
40) Benzene	6.11	78	19187	1.119	ug/l	95
41) Methacrylonitrile	5.01	41	3845	1.067	ug/l #	89
42) 1,2-Dichloroethane	6.16	62	7001	1.130	ug/l	98
43) Isopropyl Acetate	6.41	43	11197	1.054	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	7426	1.171	ug/l	96
45) 1,2-Dichloropropane	7.49	63	4565	1.060	ug/l	95
46) Dibromomethane	7.63	93	3325	1.135	ug/l	95
47) Bromodichloromethane	7.88	83	6249	1.063	ug/l	100
48) Methyl methacrylate	7.74	41	5399	1.080	ug/l	97
49) 1,4-Dioxane	7.71	88	2600	21.510	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	32741	5.063	ug/l	100
52) Toluene	8.76	92	11496	1.088	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	7849	1.115	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	8121	1.098	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	4387	1.062	ug/l	92
56) Ethyl methacrylate	9.16	69	6575	1.006	ug/l	98
57) 1,3-Dichloropropane	9.35	76	7921	1.088	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	19063	5.356	ug/l	99
59) 2-Hexanone	9.47	43	25956	5.122	ug/l	97
60) Dibromochloromethane	9.57	129	4549	1.022	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4689	1.050	ug/l	96
64) Tetrachloroethene	9.32	164	7635	1.128	ug/l	97
65) Chlorobenzene	10.12	112	12633	1.118	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	4366	1.062	ug/l #	64
67) Ethyl Benzene	10.24	91	21899	1.089	ug/l	97
68) m/p-Xylenes	10.34	106	15987	2.141	ug/l	99
69) o-Xylene	10.68	106	7400	1.036	ug/l	90
70) Styrene	10.70	104	12389	1.041	ug/l	95
71) Bromoform	10.84	173	3162	0.988	ug/l #	97
73) Isopropylbenzene	11.00	105	20282	1.070	ug/l	99
74) N-amyl acetate	10.88	43	9262	1.069	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	2166	0.783	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	6584m	0.883	ug/l	
77) Bromobenzene	11.24	156	5726	1.169	ug/l	95
78) n-propylbenzene	11.34	91	24654	1.121	ug/l	98
79) 2-Chlorotoluene	11.40	91	14559	1.120	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	17259	1.094	ug/l	98
82) 4-Chlorotoluene	11.49	91	17231	1.129	ug/l	96
83) tert-Butylbenzene	11.76	119	14900	1.096	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	17589	1.100	ug/l	100
85) sec-Butylbenzene	11.93	105	20562	1.116	ug/l	99
86) p-Isopropyltoluene	12.05	119	18696	1.097	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	10304	1.171	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	10976m	1.246	ug/l	
89) n-Butylbenzene	12.37	91	18571	1.197	ug/l	99
90) Hexachloroethane	12.58	117	2922	1.031	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	9716	1.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1860	1.220	ug/l	88
93) 1,2,4-Trichlorobenzene	13.63	180	7765	1.247	ug/l	99
94) Hexachlorobutadiene	13.77	225	3934	1.345	ug/l	99
95) Naphthalene	13.82	128	23356	1.165	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	7376	1.211	ug/l	98

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

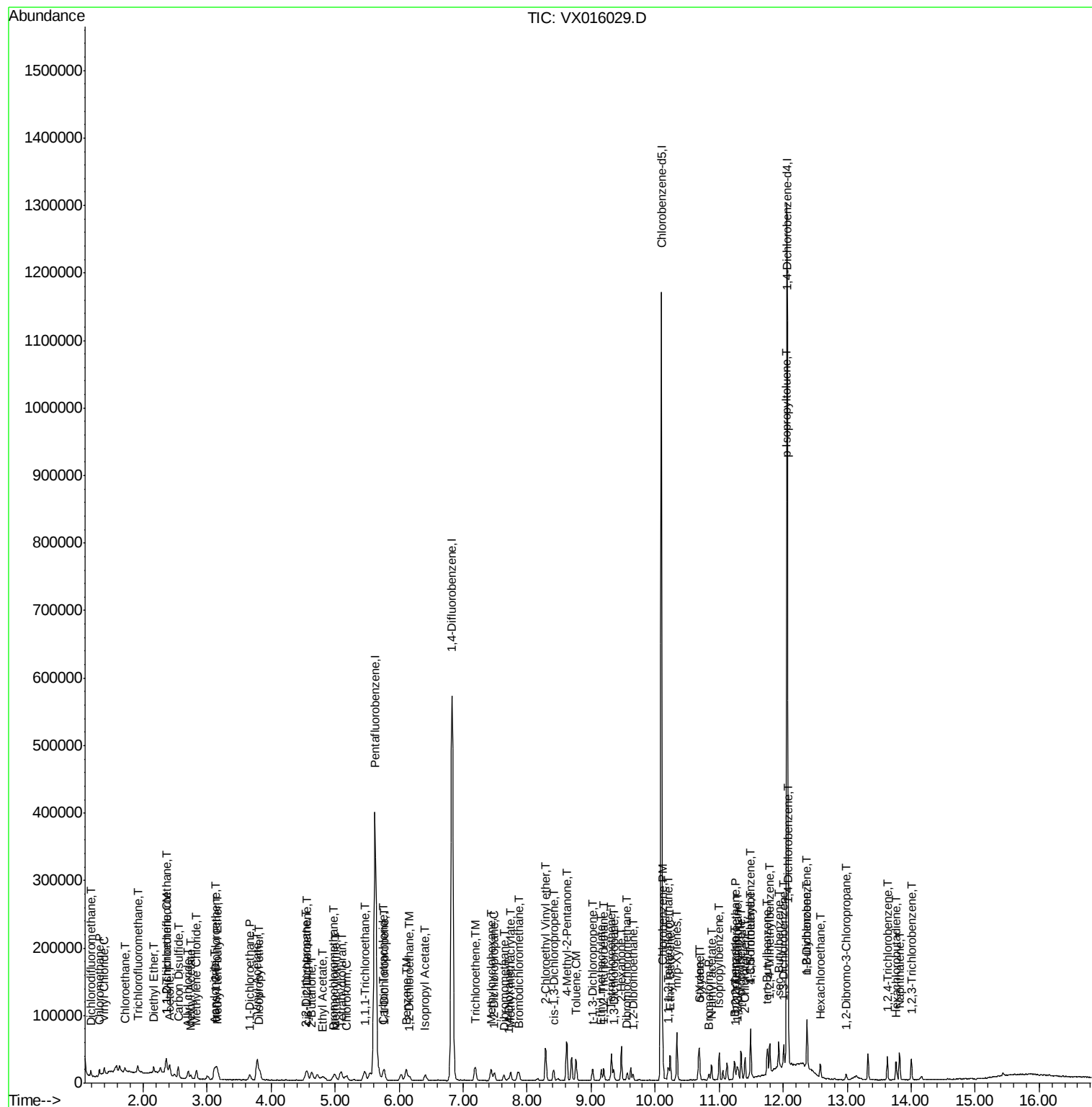
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 379839

Ion Ratio Lower Upper

168 100

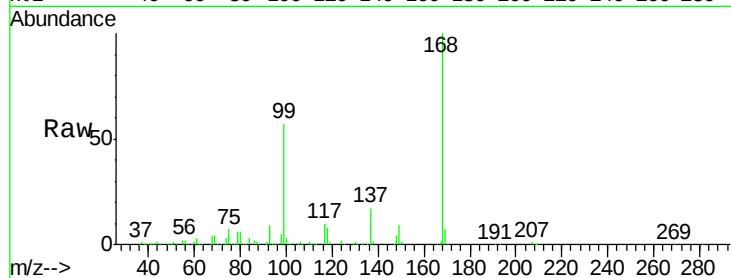
99 57.4 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

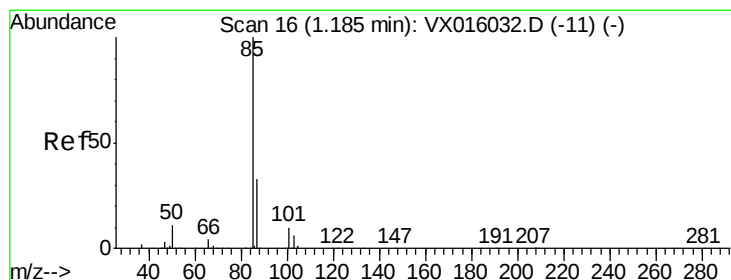
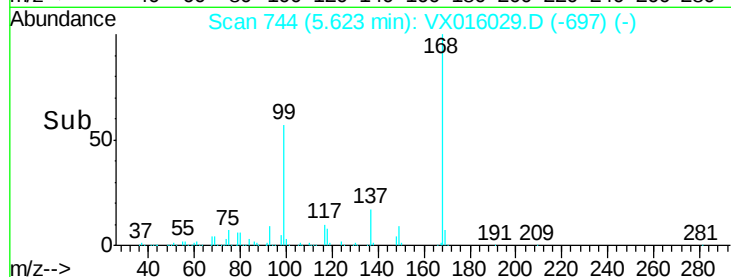
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.036 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016029.D

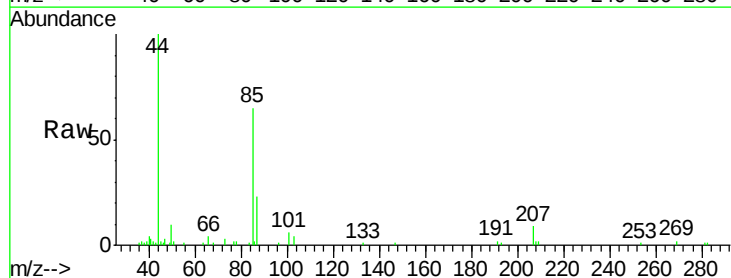
Acq: 04 May 2020 11:39

Tgt Ion: 85 Resp: 4146

Ion Ratio Lower Upper

85 100

87 34.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

5000

4000

3000

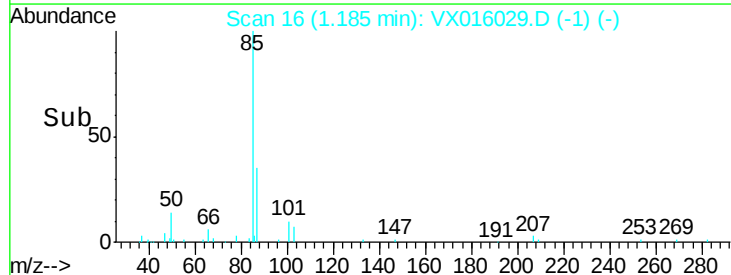
2000

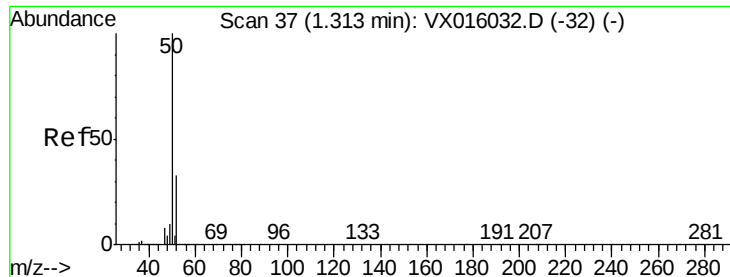
1000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.144 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 50 Resp: 5477

Ion Ratio Lower Upper

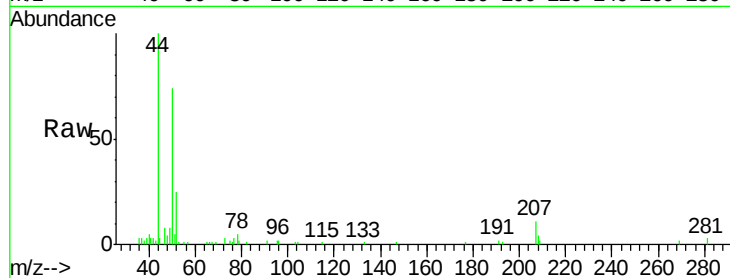
50 100

52 33.1 26.1 39.1

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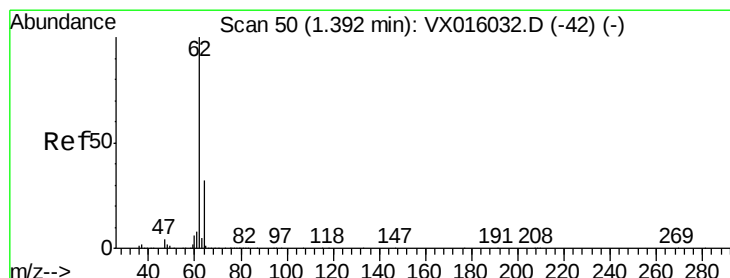
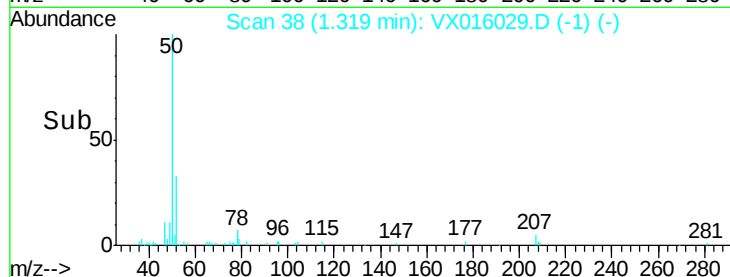
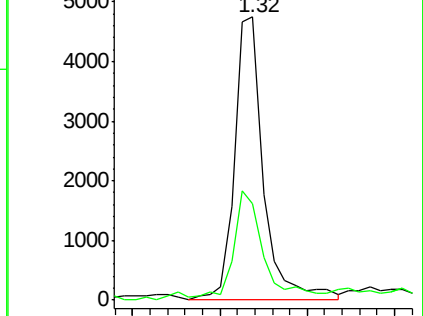
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.110 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016029.D

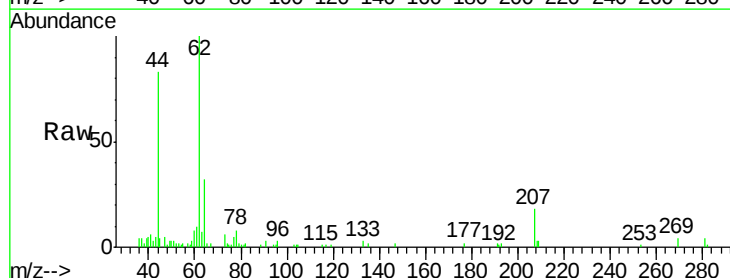
Acq: 04 May 2020 11:39

Tgt Ion: 62 Resp: 5599

Ion Ratio Lower Upper

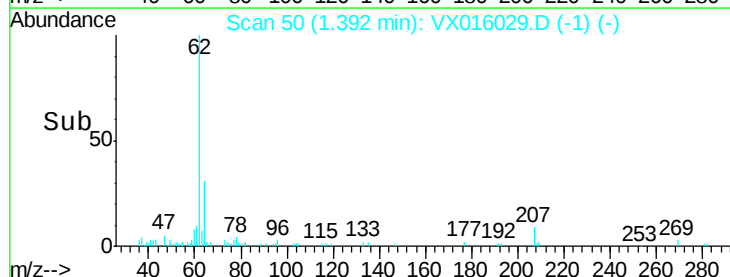
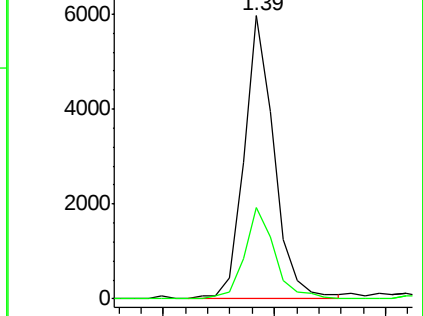
62 100

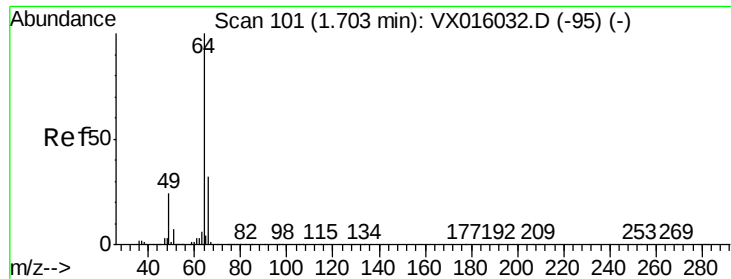
64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.088 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3437

Ion Ratio Lower Upper

64 100

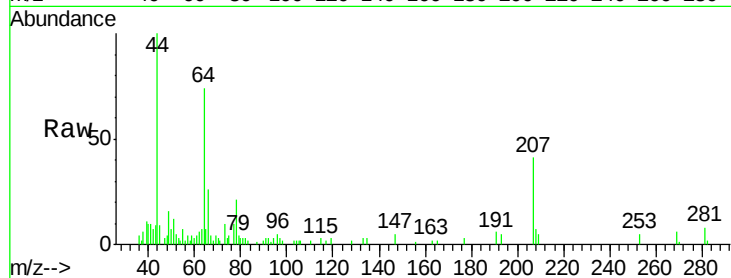
66 32.5 25.2 37.8

Manual Integrations

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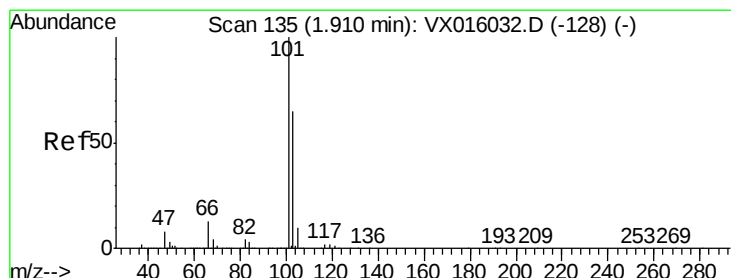
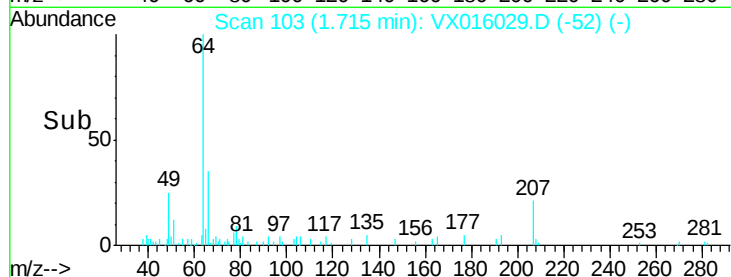
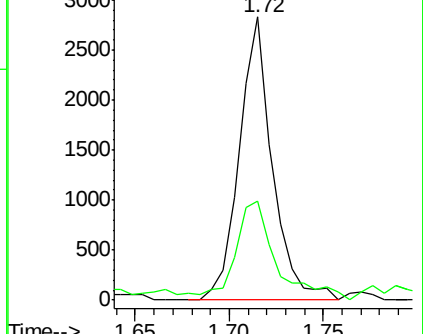
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Abundance Ion 63.90 (63.60 to 64.60): VX016029.D (-52) (-)

Ion 65.90 (65.60 to 66.60): VX016029.D (-52) (-)



#7

Trichlorofluoromethane

Concen: 1.047 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX016029.D

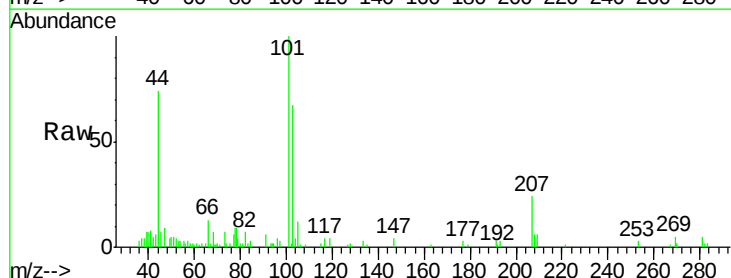
Acq: 04 May 2020 11:39

Tgt Ion: 101 Resp: 6902

Ion Ratio Lower Upper

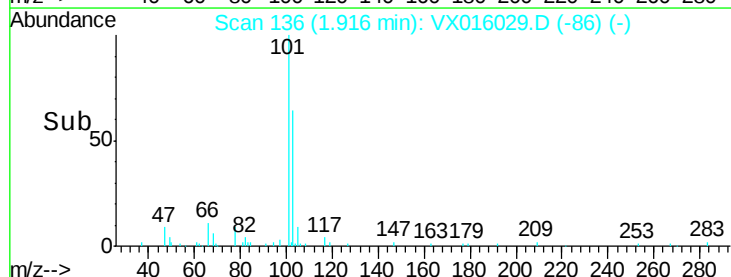
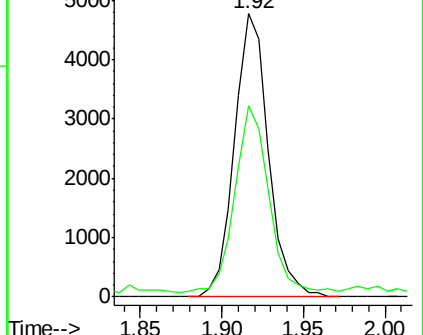
101 100

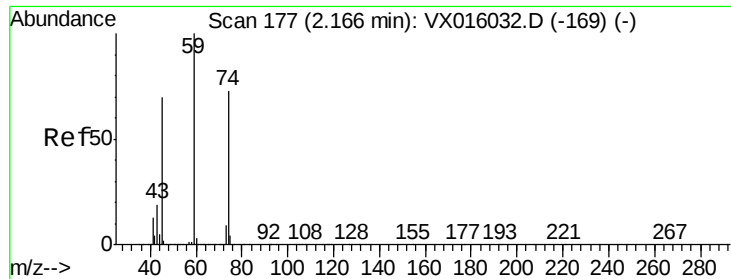
103 65.5 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): VX016029.D (-86) (-)

Ion 102.80 (102.50 to 103.50): VX016029.D (-86) (-)





#8

Diethyl Ether

Concen: 1.126 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 3143

Ion Ratio Lower Upper

74 100

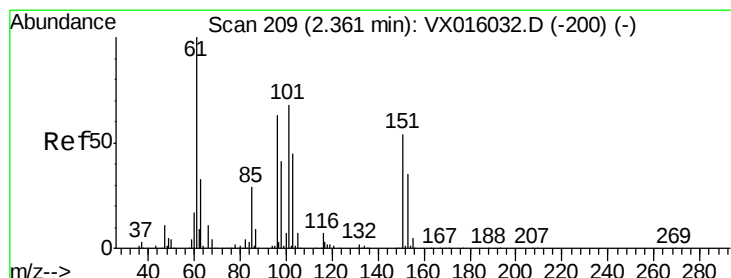
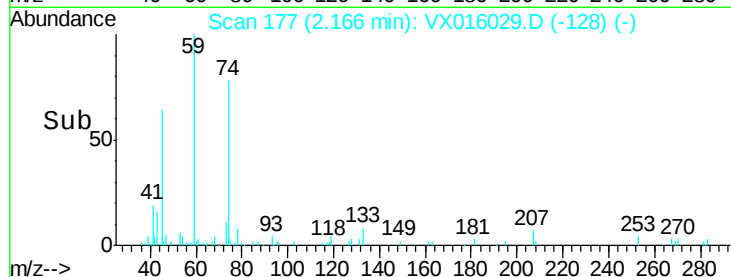
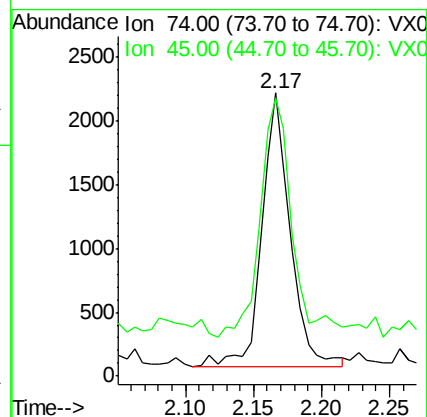
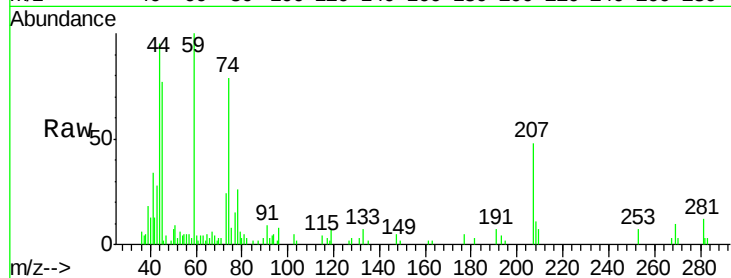
45 93.7 47.3 142.0

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.072 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

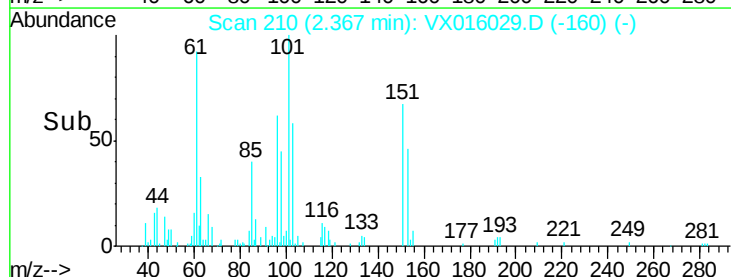
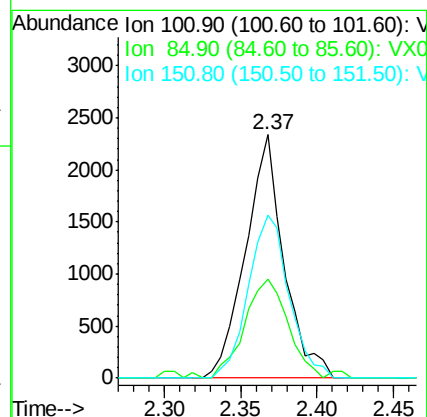
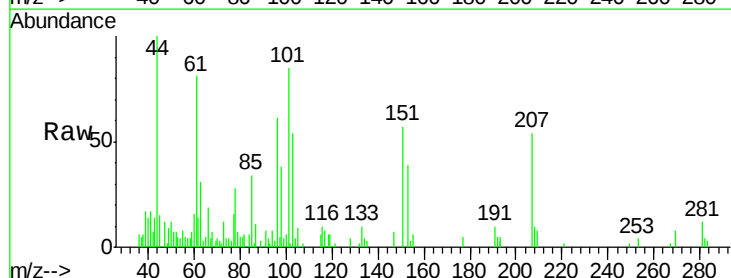
Tgt Ion: 101 Resp: 4066

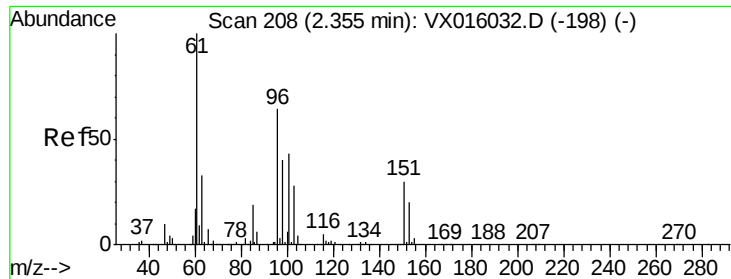
Ion Ratio Lower Upper

101 100

85 46.0 34.2 51.4

151 71.3 62.1 93.1





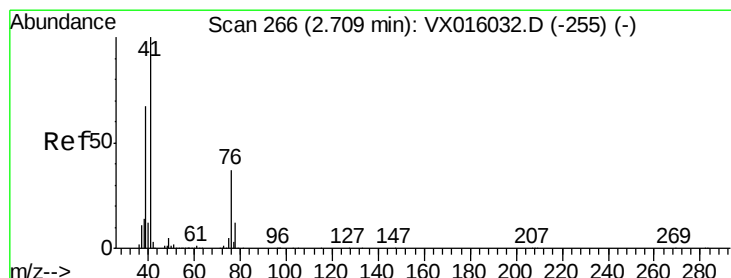
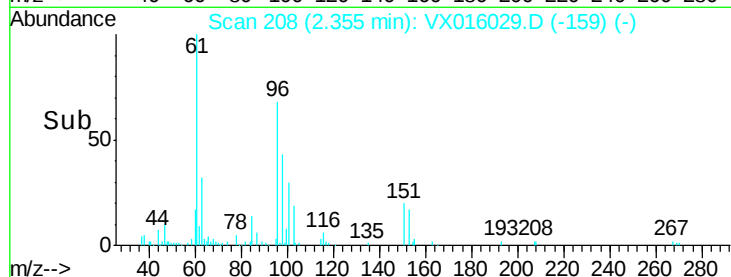
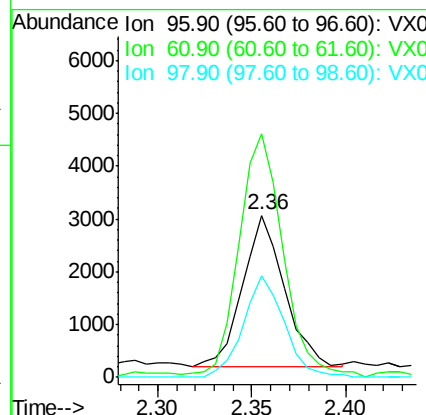
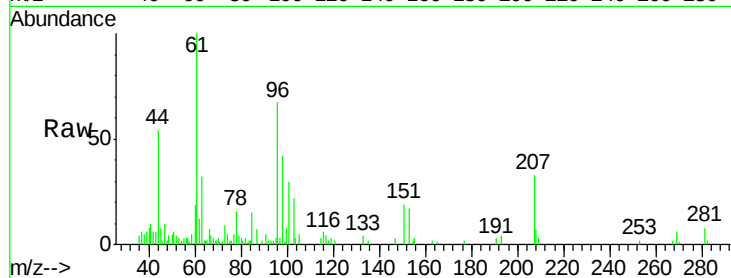
#12
1,1-Dichloroethene
Concen: 1.109 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.1	124.8	187.2
98	67.5	49.7	74.5

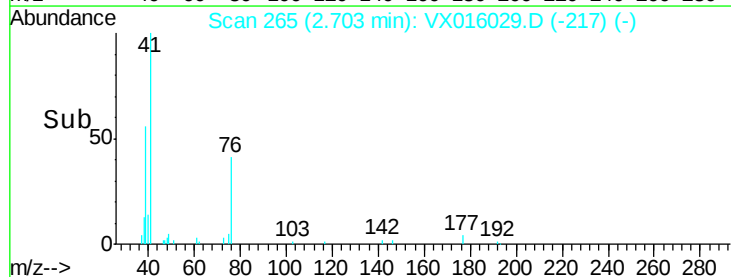
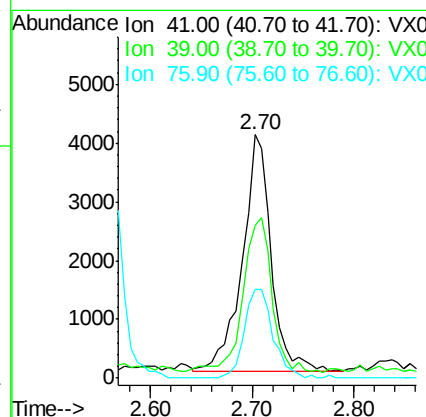
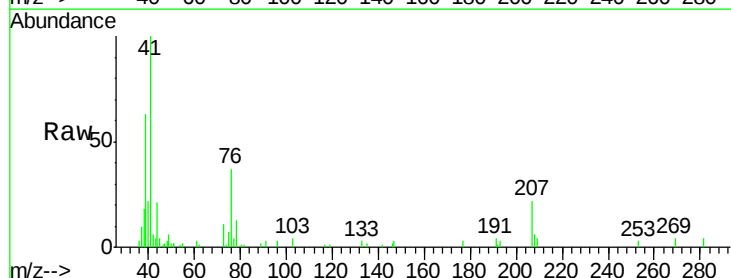
Manual Integrations
APPROVED

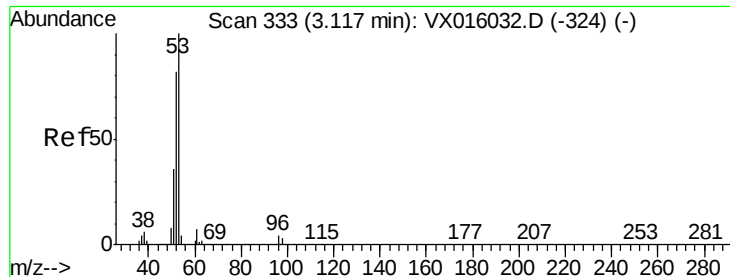
MMDadoda
5/5/2020 11:35:17 AM



#14
Allyl chloride
Concen: 1.085 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.3	50.5	75.7
76	37.4	26.6	40.0





#15

Acrylonitrile

Concen: 5.509 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

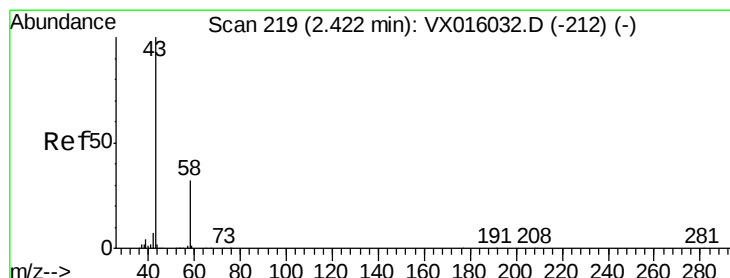
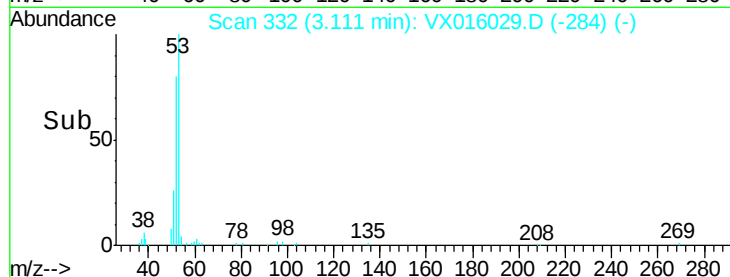
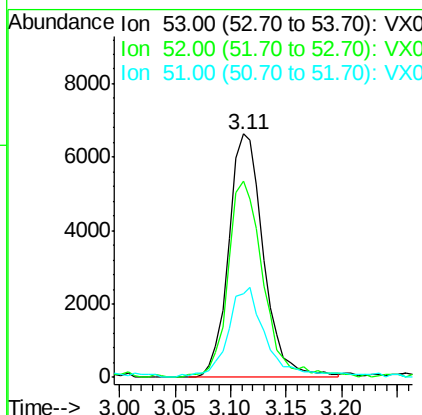
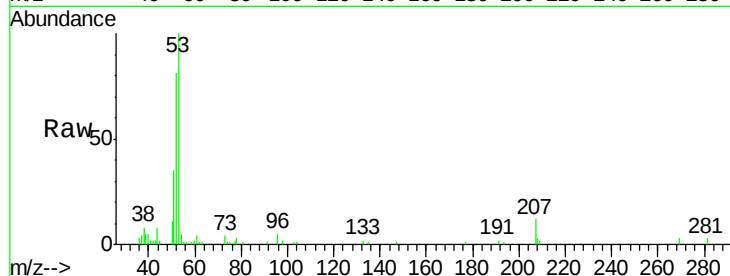
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	14396
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	39.6	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 5.537 ug/l

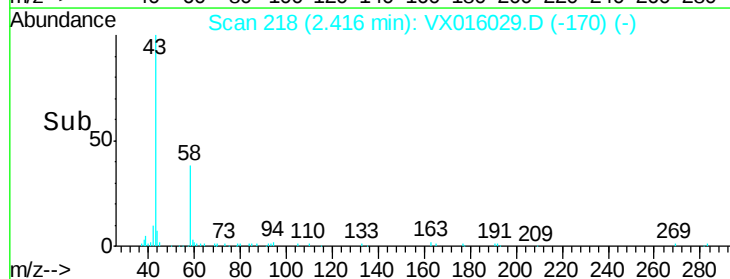
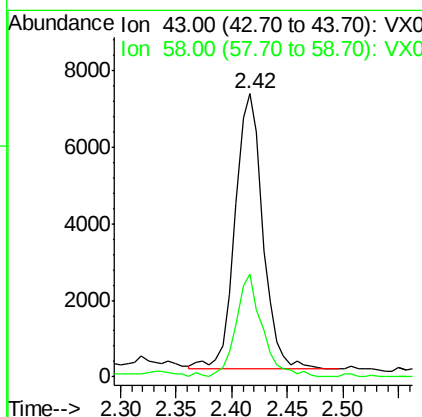
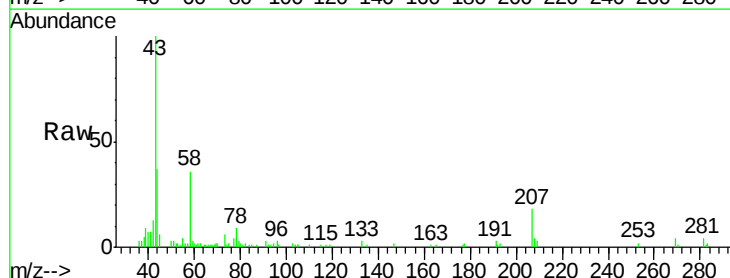
RT: 2.42 min Scan# 218

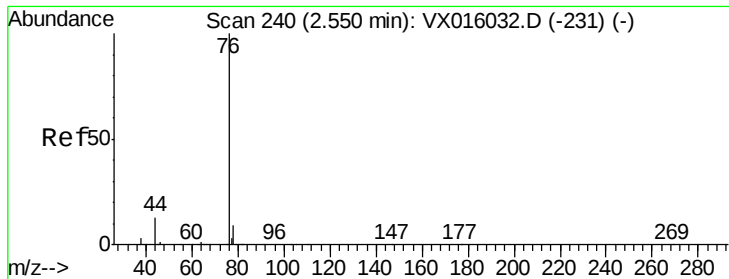
Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	43	Resp:	12405
Ion	Ratio	Lower	Upper
43	100		
58	37.3	25.4	38.0





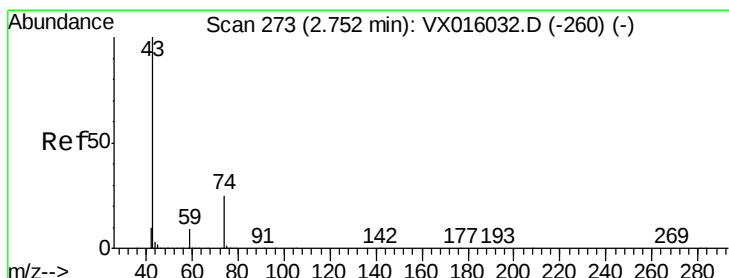
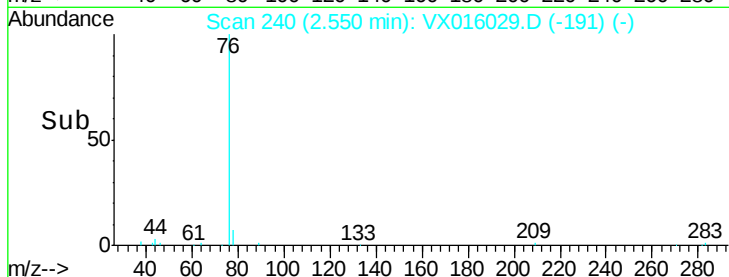
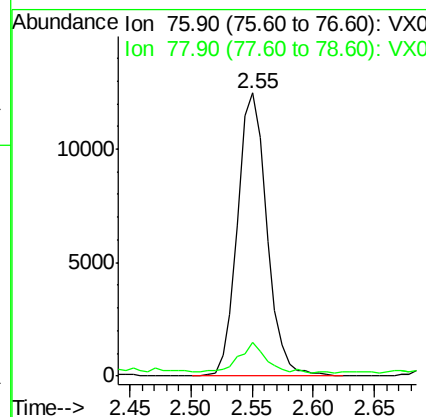
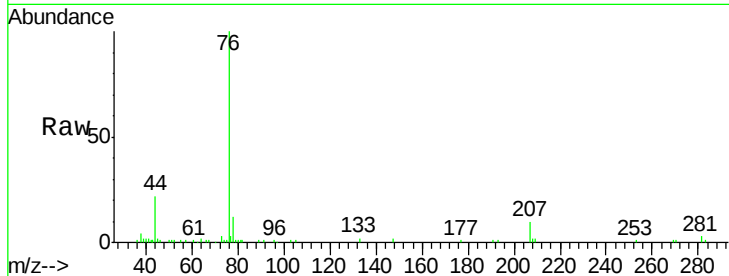
#17
Carbon Disulfide
Concen: 1.452 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.5	11.3

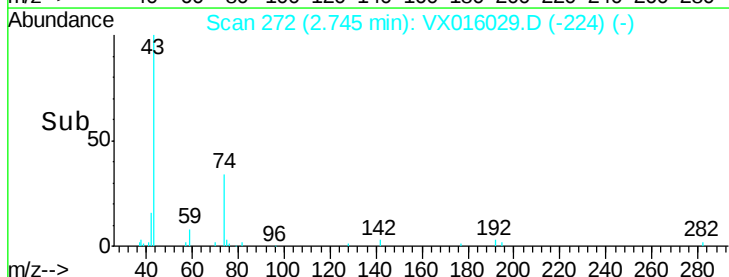
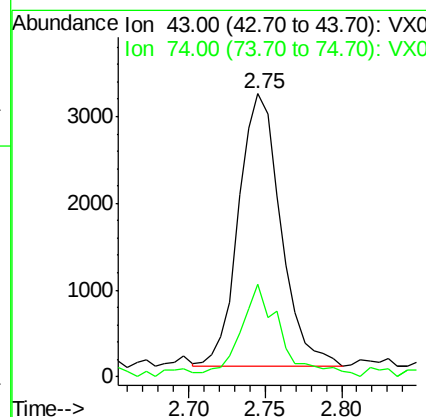
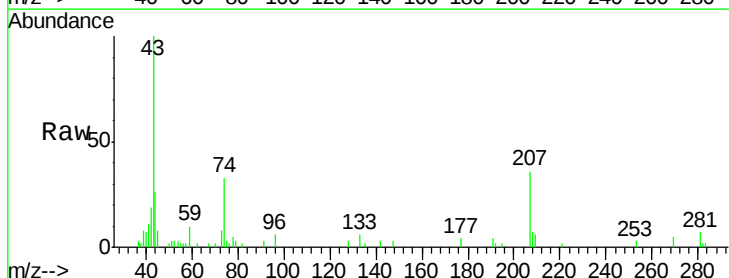
Manual Integrations
APPROVED

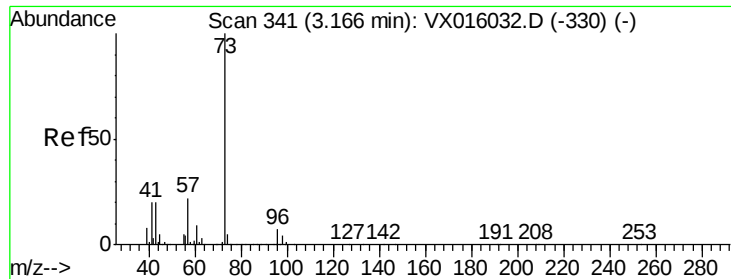
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#18
Methyl Acetate
Concen: 1.093 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.4	20.2	30.2#





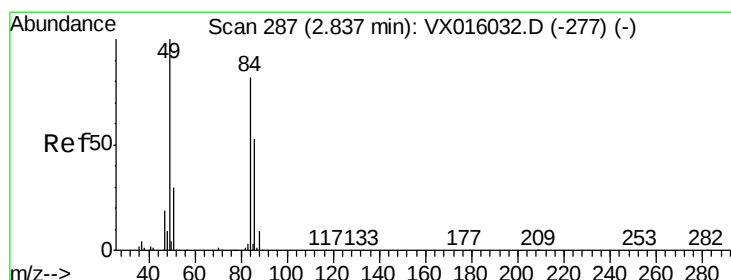
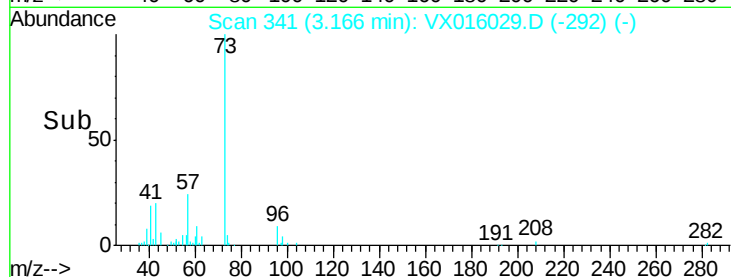
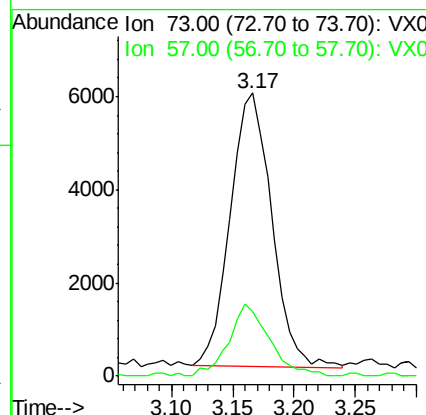
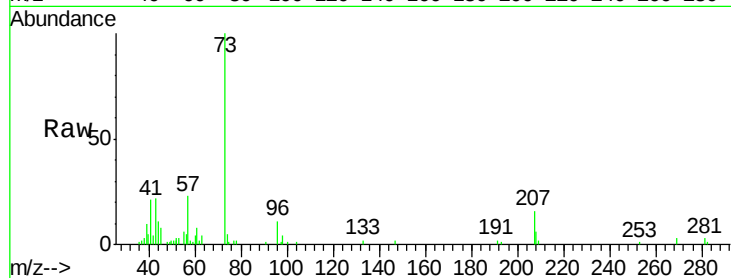
#19
Methyl tert-butyl Ether
Concen: 1.019 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.8	26.6

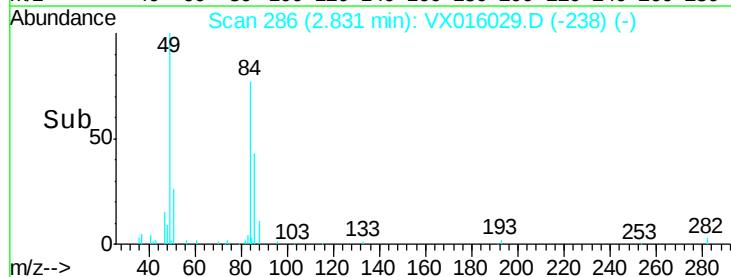
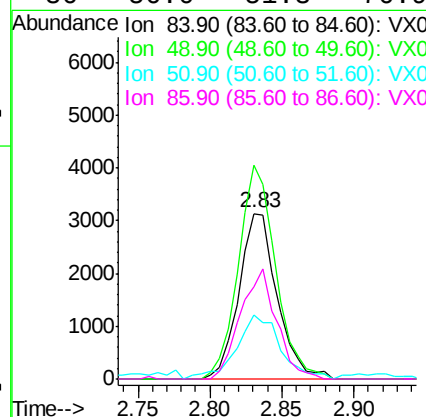
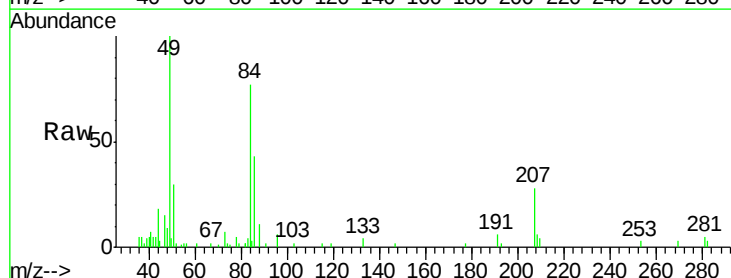
Manual Integrations
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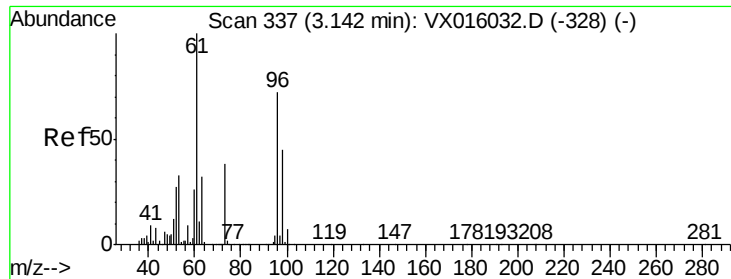
MMDadoda
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#20
Methylene Chloride
Concen: 1.220 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.1	97.3	145.9
51	36.4	29.3	43.9
86	56.0	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 1.209 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

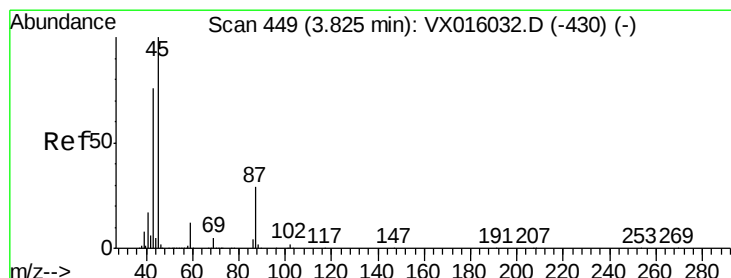
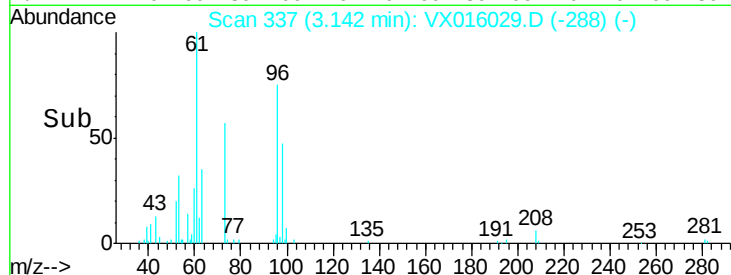
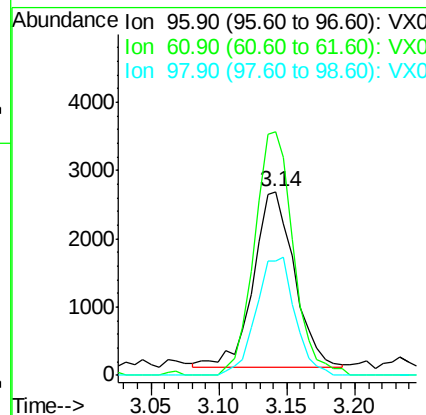
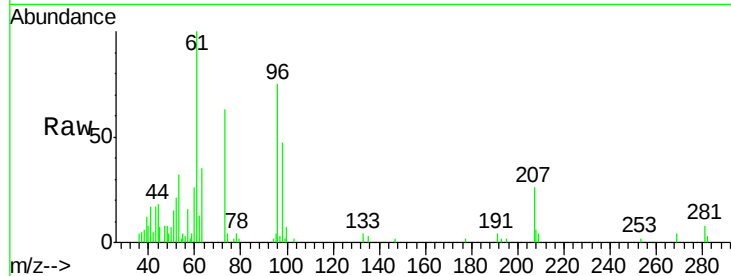
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	5400
Ion	Ratio	Lower	Upper
96	100		
61	140.5	111.2	166.8
98	65.9	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.083 ug/l

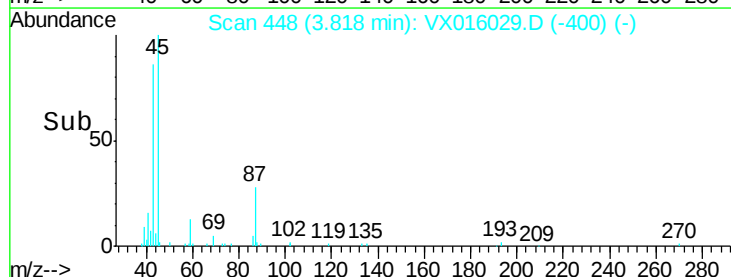
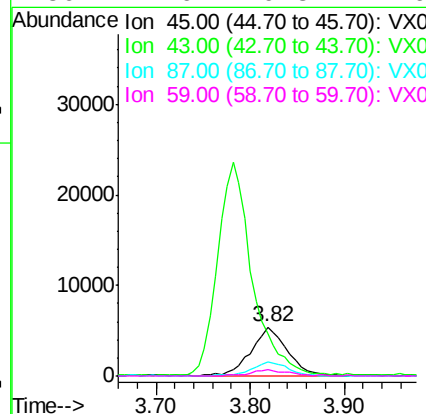
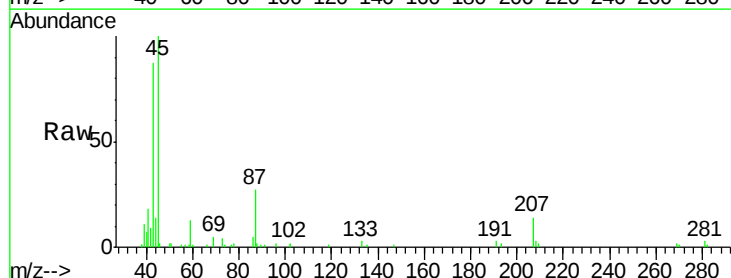
RT: 3.82 min Scan# 448

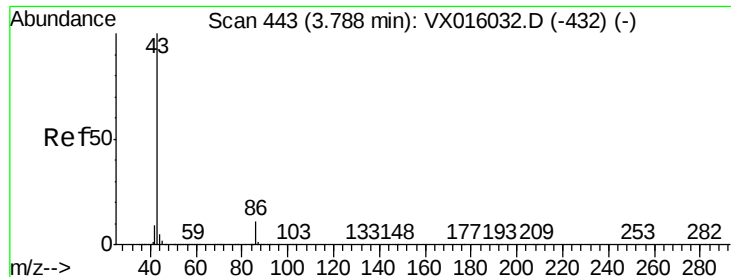
Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	45	Resp:	14841
Ion	Ratio	Lower	Upper
45	100		
43	83.3	61.1	91.7
87	27.4	23.0	34.6
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 5.035 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 59739

Ion Ratio Lower Upper

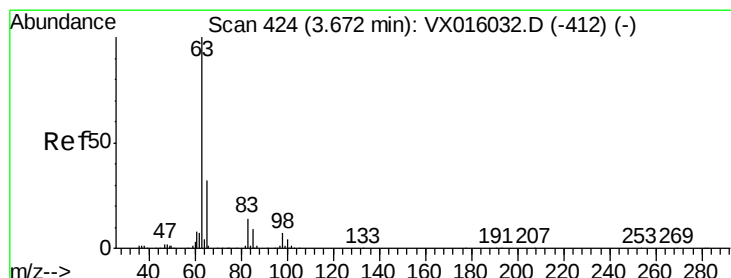
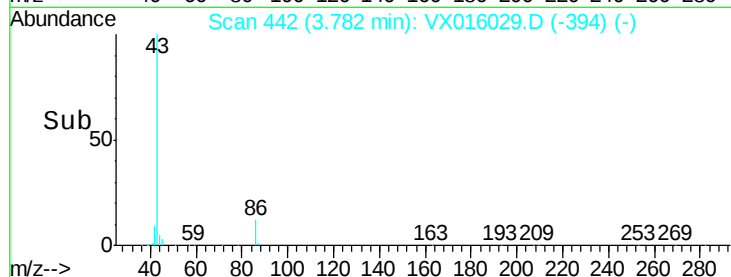
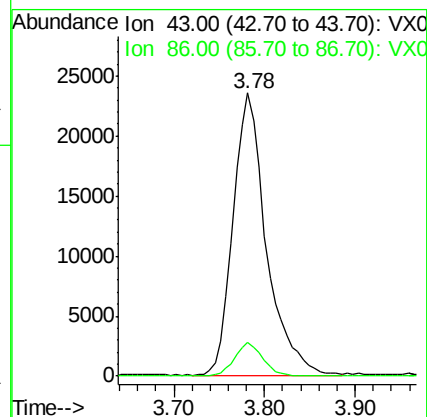
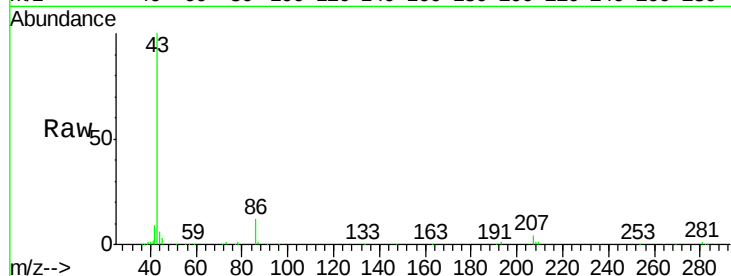
43 100

86 11.8 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 1.072 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

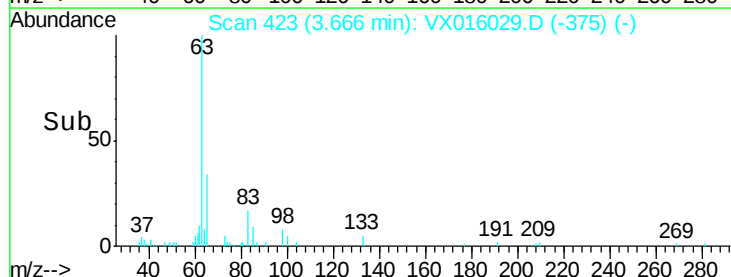
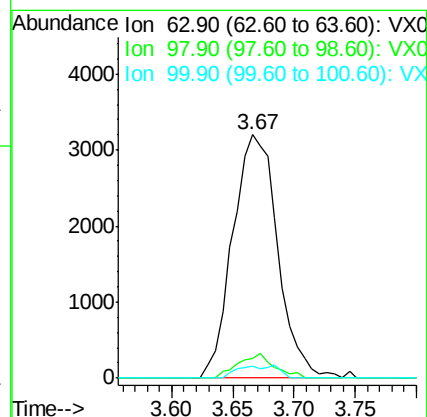
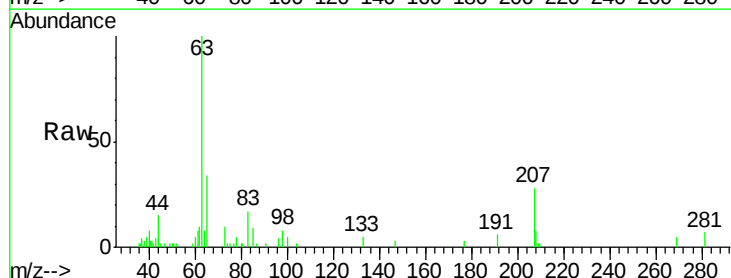
Tgt Ion: 63 Resp: 8198

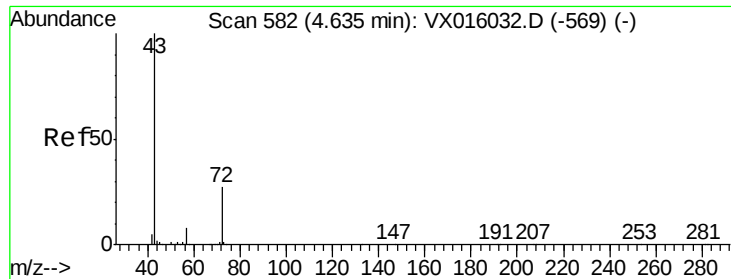
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.5

100 5.1 2.1 6.5





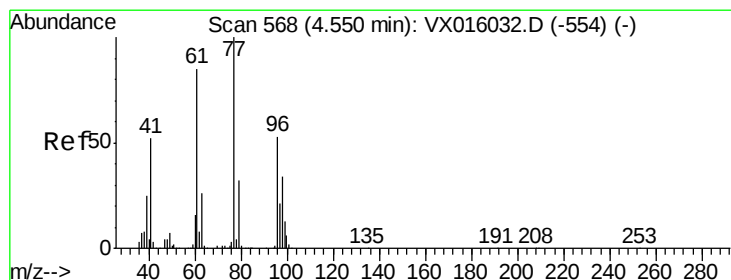
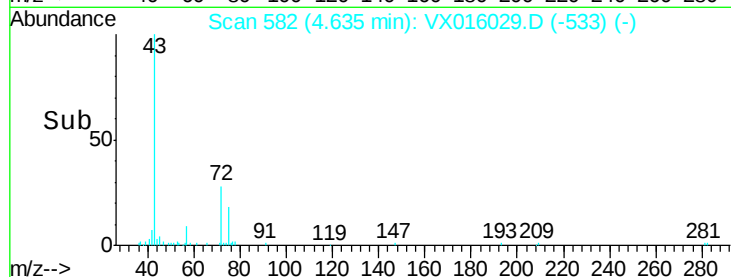
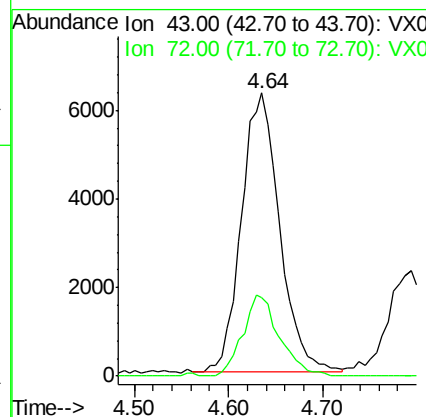
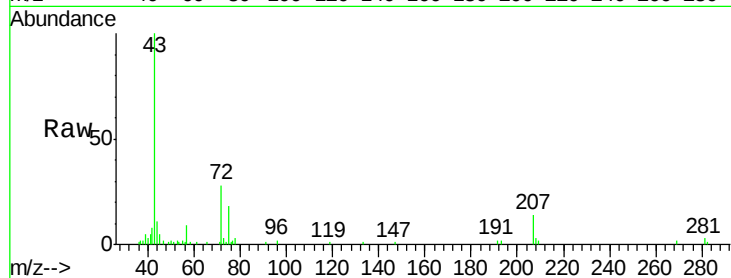
#25
2-Butanone
Concen: 5.068 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 17940
Ion Ratio Lower Upper
43 100
72 27.9 21.8 32.8

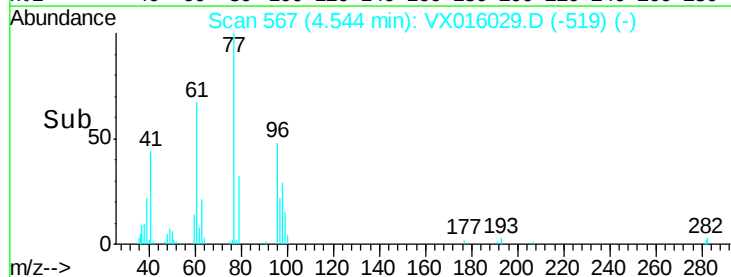
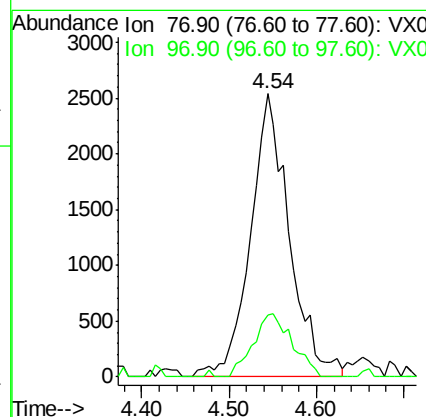
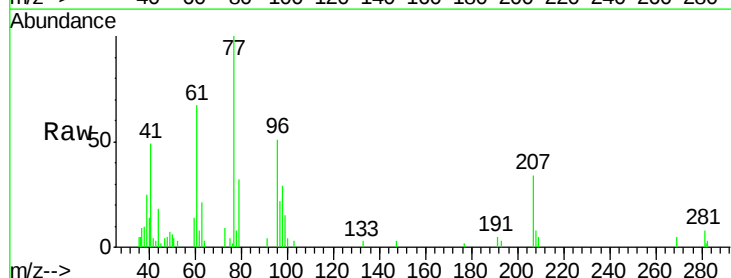
Manual Integrations
APPROVED

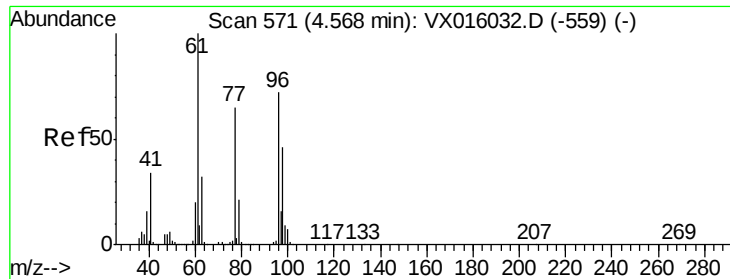
MMDadoda
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#26
2,2-Dichloropropane
Concen: 1.109 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 77 Resp: 7847
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

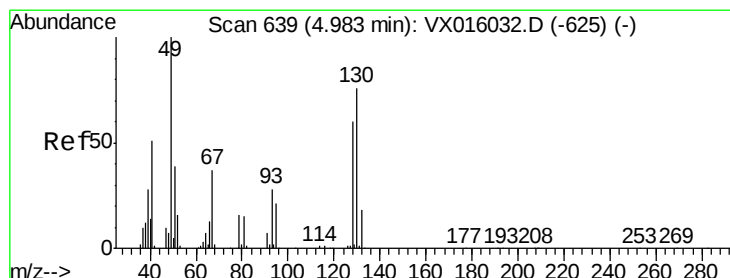
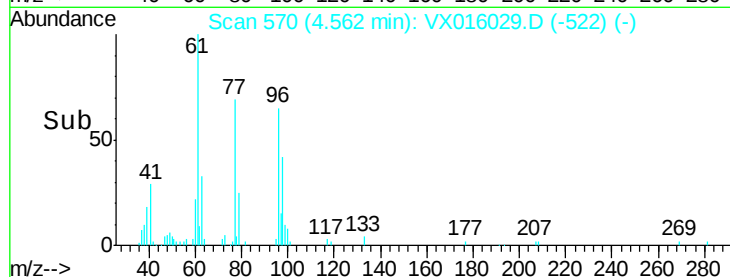
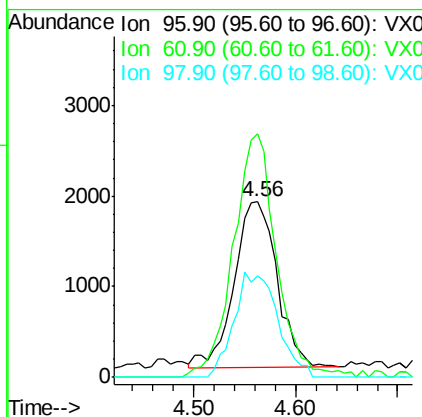
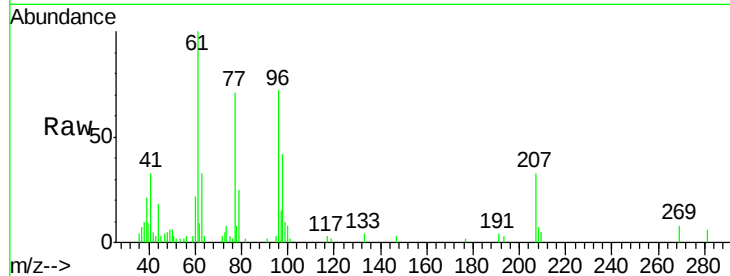
cis-1,2-Dichloroethene
Concen: 1.106 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	296.2
98	63.9	0.0	129.4

Manual Integrations
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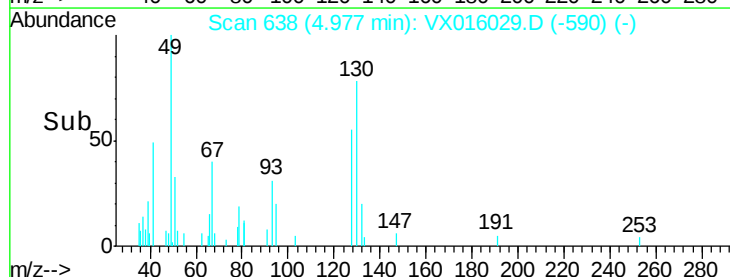
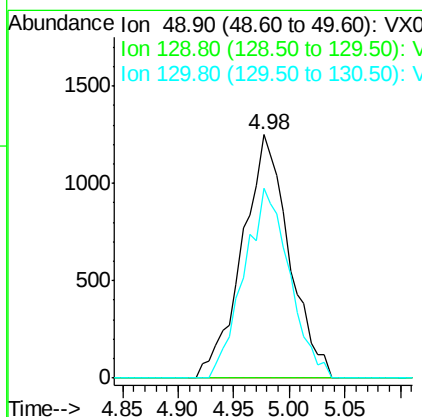
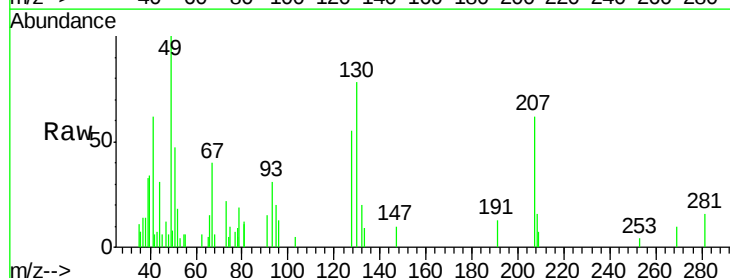
MMDadoda
5/5/2020 11:35:17 AM

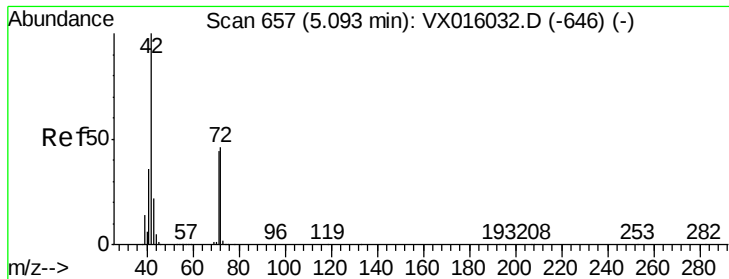


#28

Bromochloromethane
Concen: 1.055 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	75.8	62.4	93.6





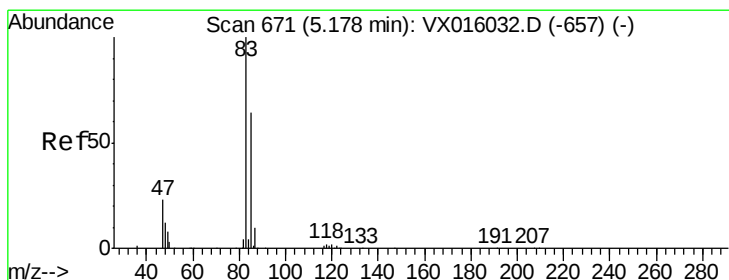
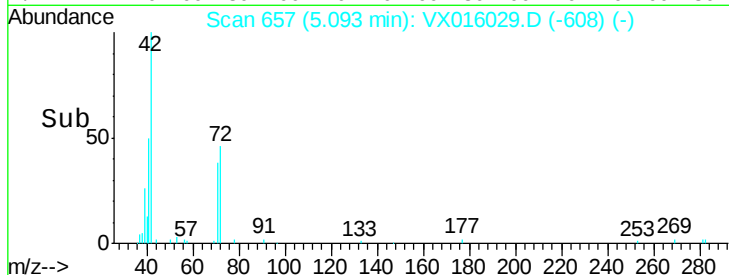
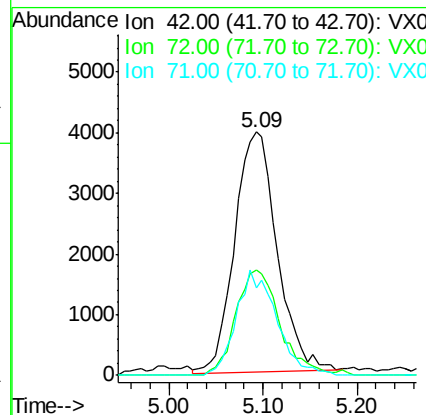
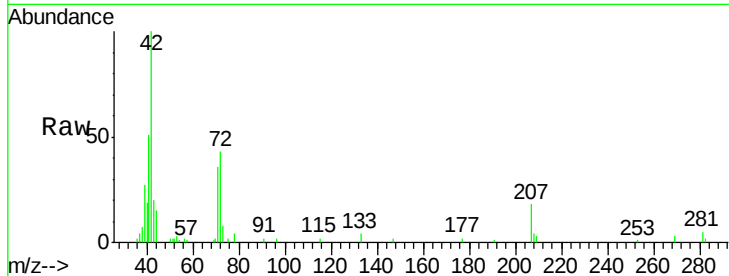
#29
Tetrahydrofuran
Concen: 5.279 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.1	55.7
71	41.6	34.5	51.7

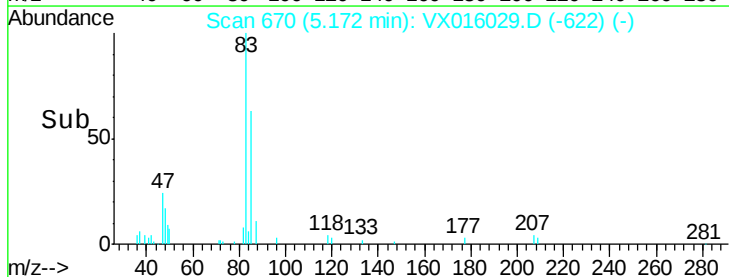
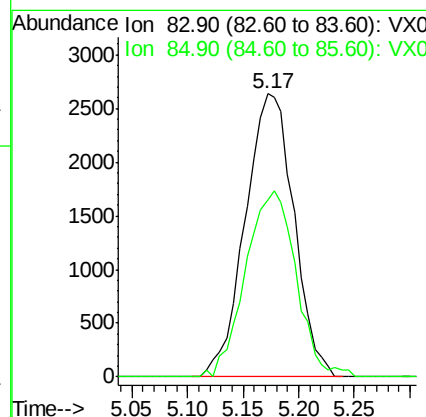
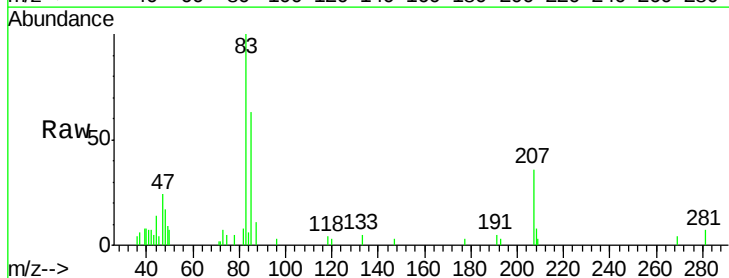
Manual Integrations
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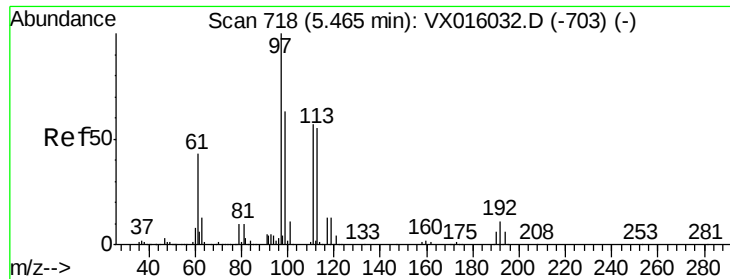
MMDadoda
5/5/2020 11:35:17 AM



#30
Chloroform
Concen: 1.053 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.6	77.4





#32

1,1,1-Trichloroethane

Concen: 1.066 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

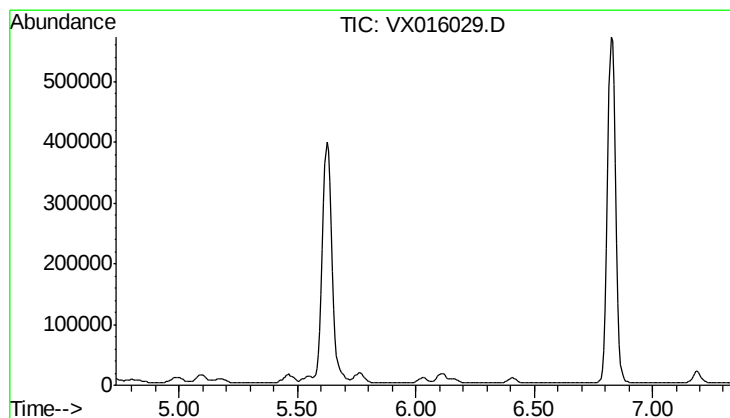
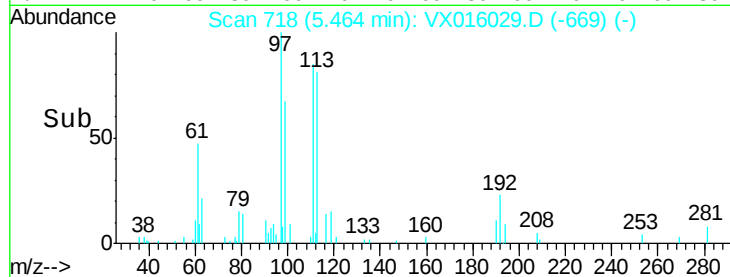
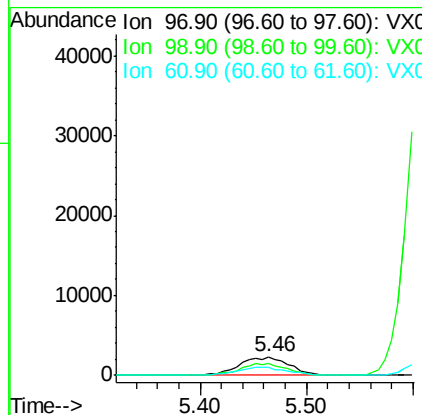
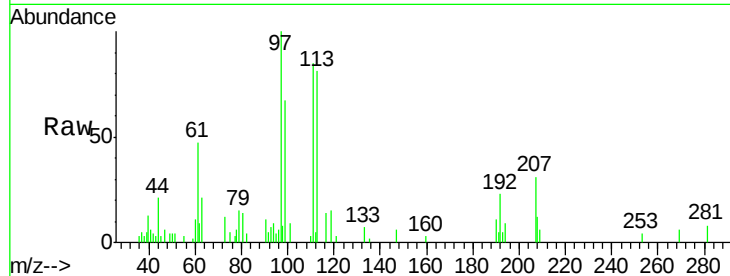
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.0	76.4#	
61	45.8	34.5	51.7	

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5/5/2020 11:35:17 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016029.D

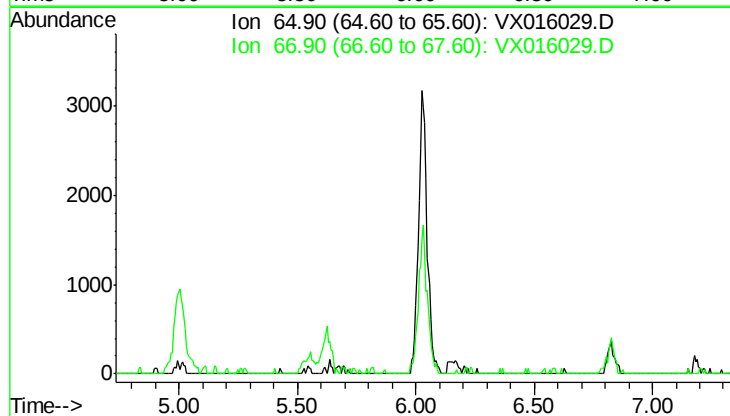
Acq: 04 May 2020 11:39

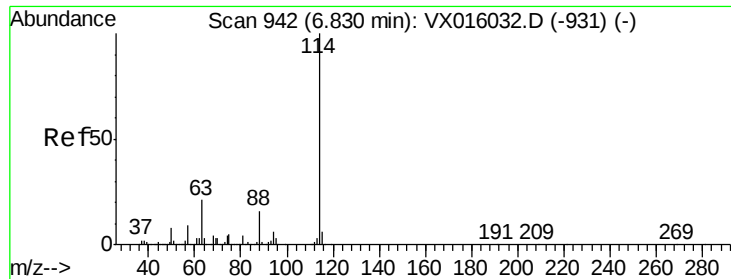
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

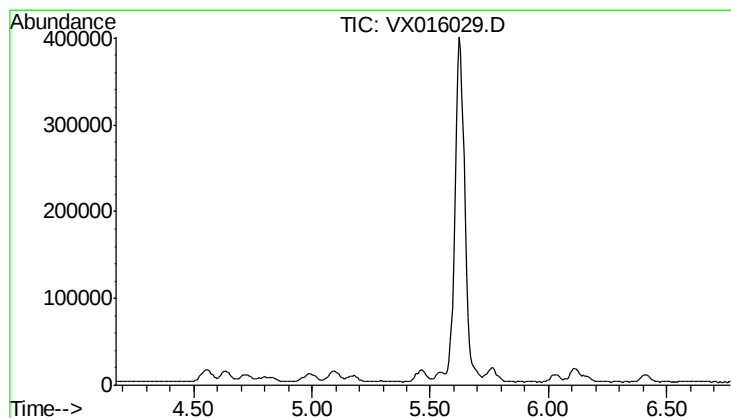
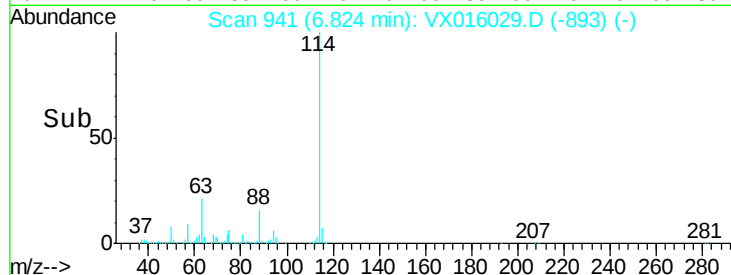
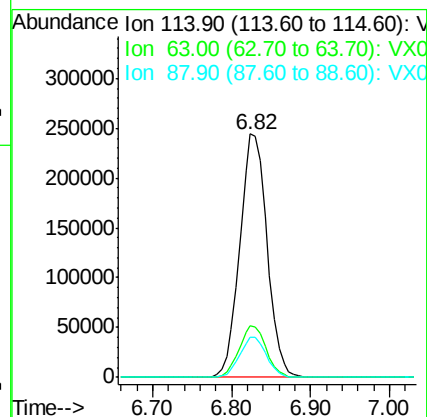
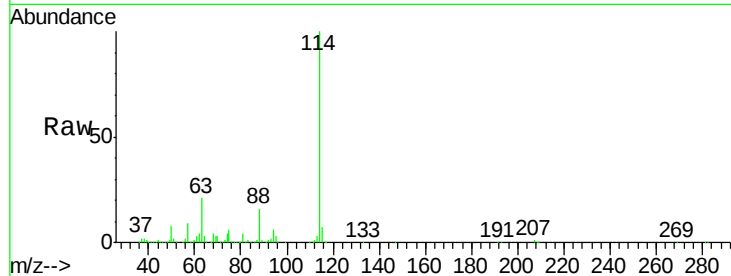
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.3	0.0	42.8
88	16.4	0.0	31.4

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#35

Dibromofluoromethane

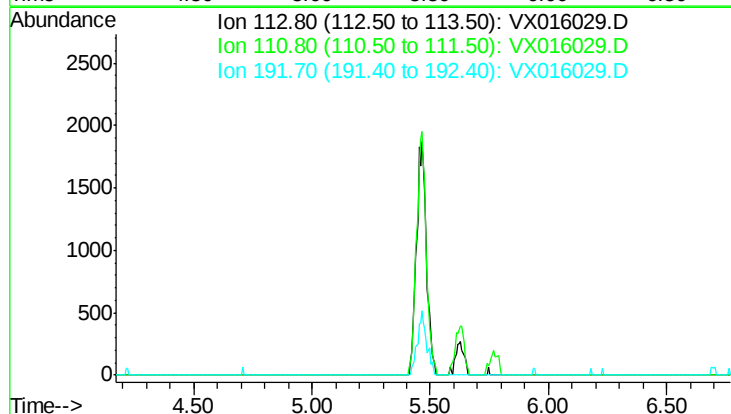
Concen: 0.000 ug/l

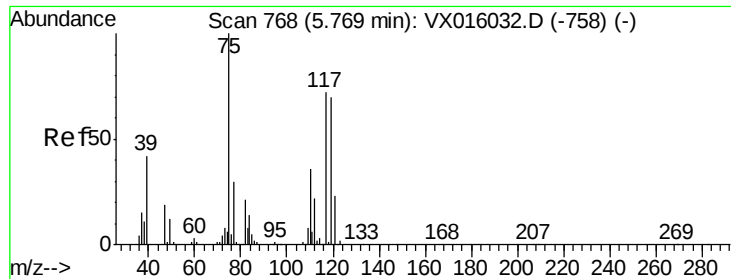
Expected RT: 5.47 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion	Exp Ratio
113	100
111	102.0
192	21.2





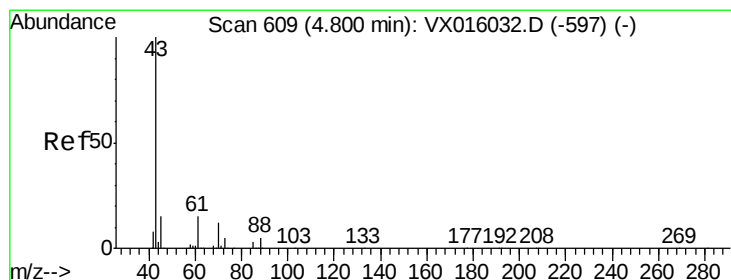
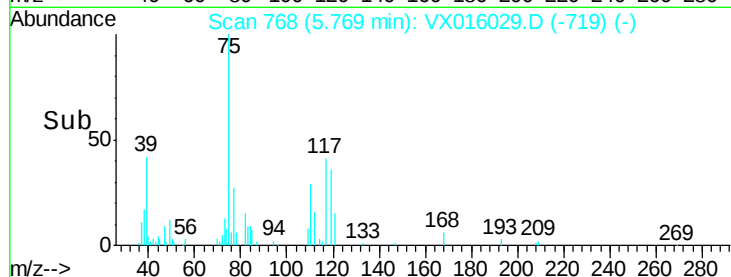
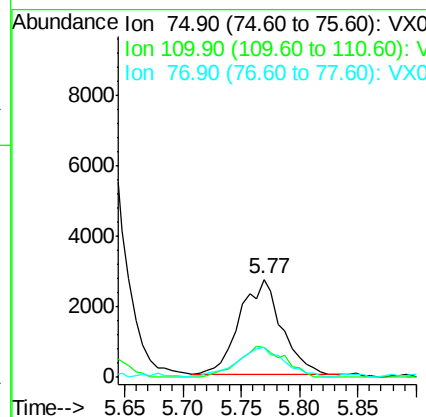
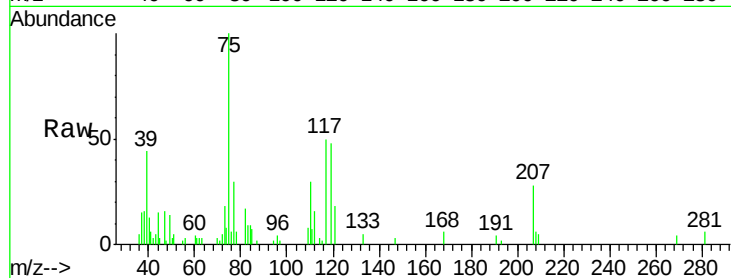
#36
 1,1-Dichloropropene
 Concen: 1.164 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.9	18.1	54.1
77	36.1	25.0	37.6

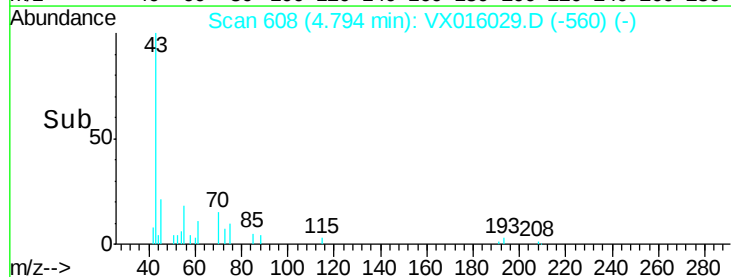
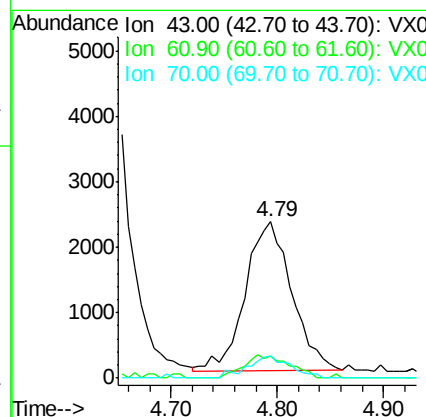
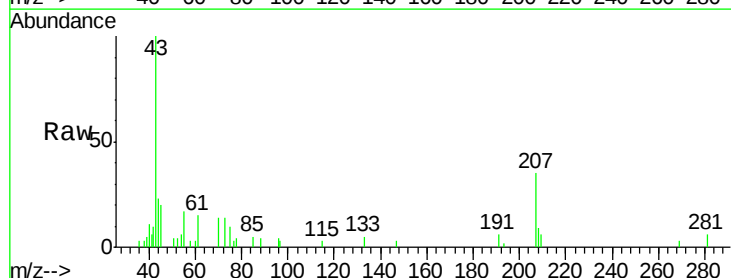
Manual Integrations
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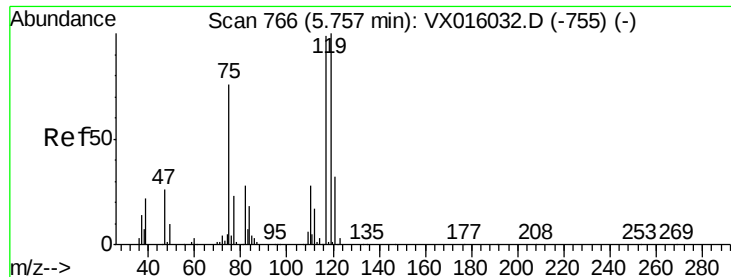
MMDadoda
 5/5/2020 11:35:17 AM



#37
 Ethyl Acetate
 Concen: 1.039 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.7	17.5
70	13.8	9.3	13.9





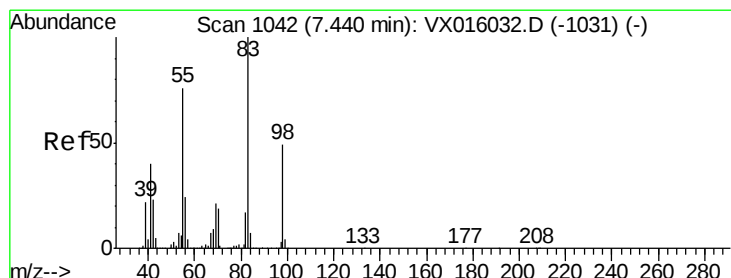
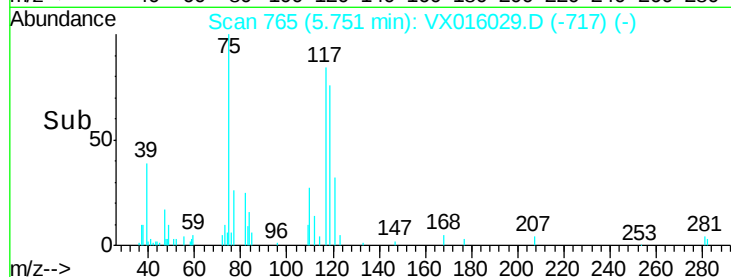
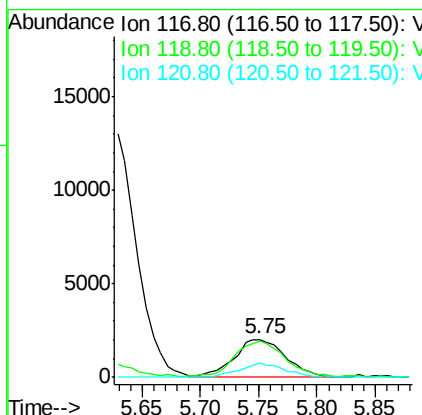
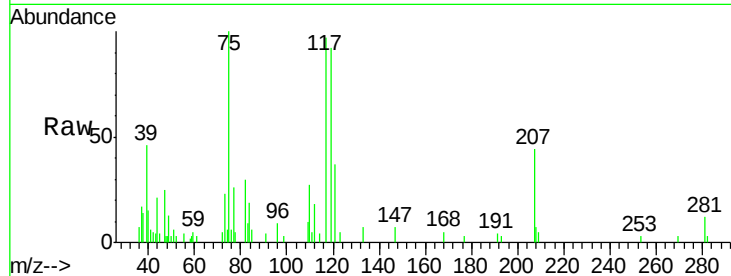
#38
Carbon Tetrachloride
Concen: 1.068 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.0	80.3	120.5
121	37.9	25.7	38.5

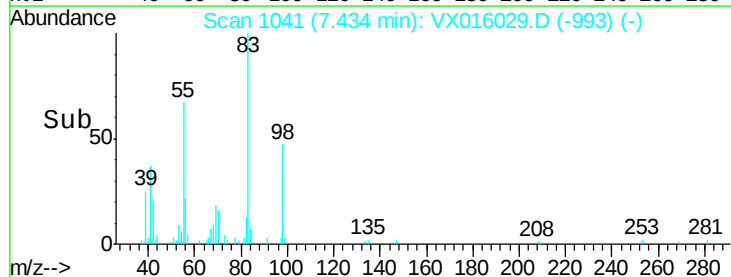
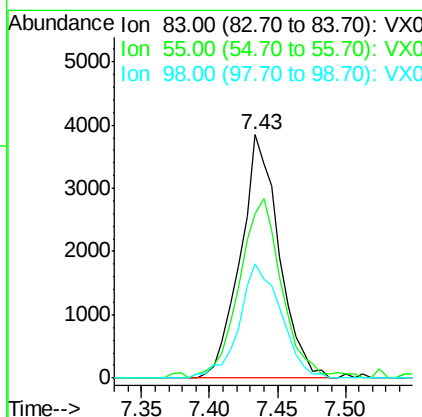
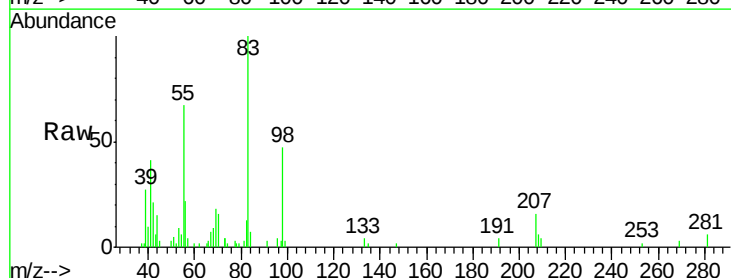
Manual Integrations
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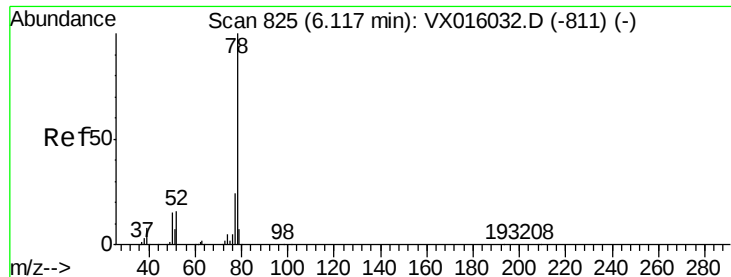
MMDadoda
5/5/2020 11:35:17 AM



#39
Methylcyclohexane
Concen: 1.098 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.5	61.1	91.7
98	47.1	39.0	58.4





#40

Benzene

Concen: 1.119 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 19187

Ion Ratio Lower Upper

78 100

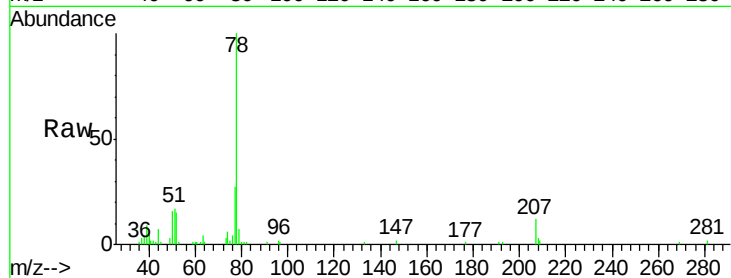
77 26.3 19.0 28.4

Manual Integrations

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MMDadoda

5/5/2020 11:35:17 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.11

8000

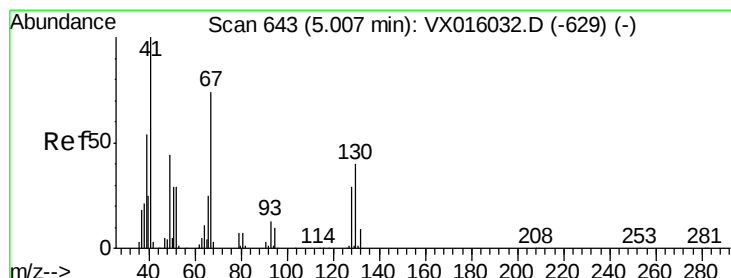
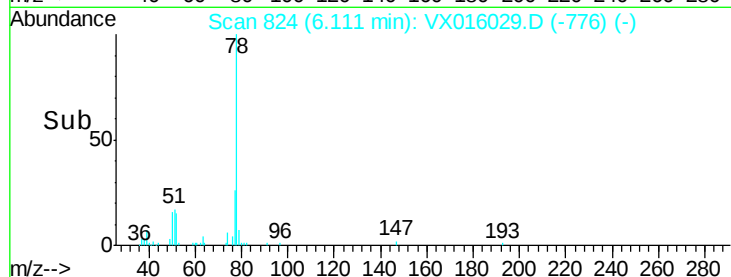
6000

4000

2000

0

Time-->



#41

Methacrylonitrile

Concen: 1.067 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion: 41 Resp: 3845

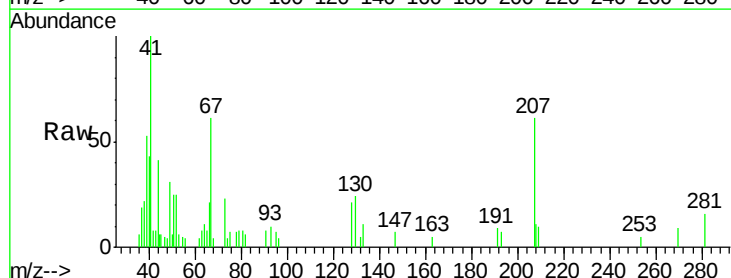
Ion Ratio Lower Upper

41 100

39 60.1 43.2 64.8

67 83.1 59.3 88.9

52 37.9 23.5 35.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

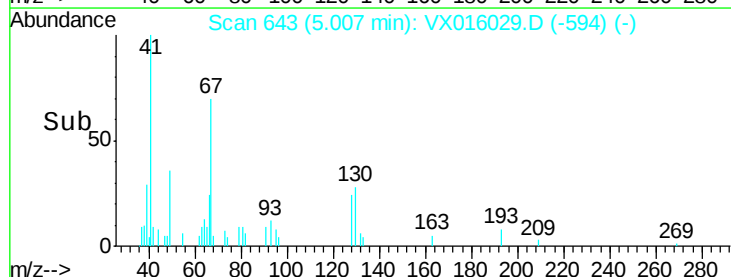
3000

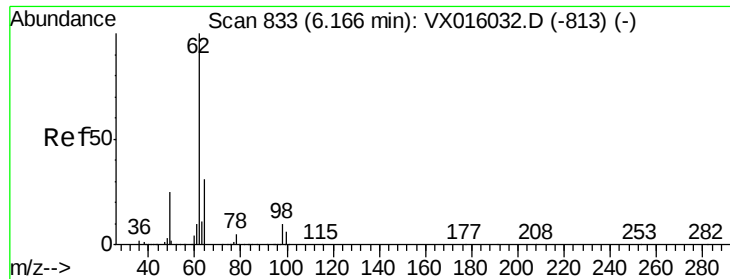
2000

1000

0

Time-->





#42

1,2-Dichloroethane

Concen: 1.130 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

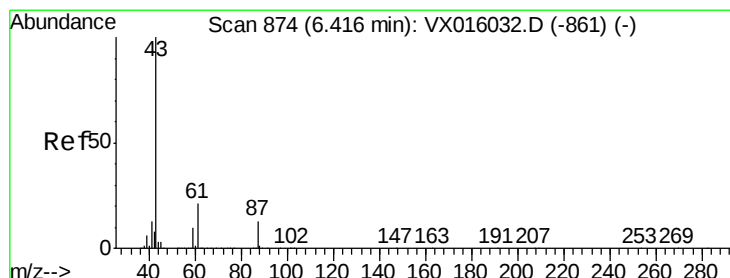
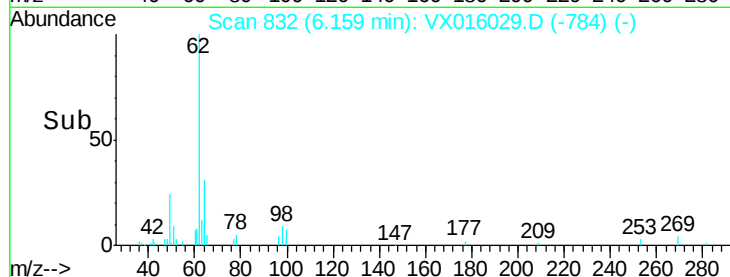
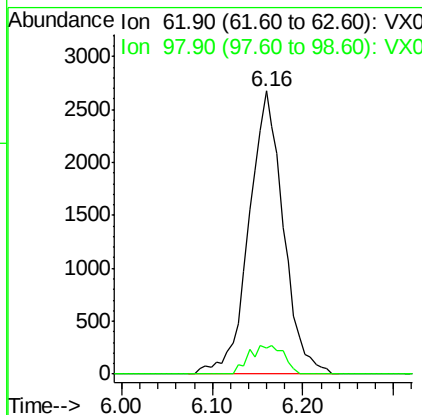
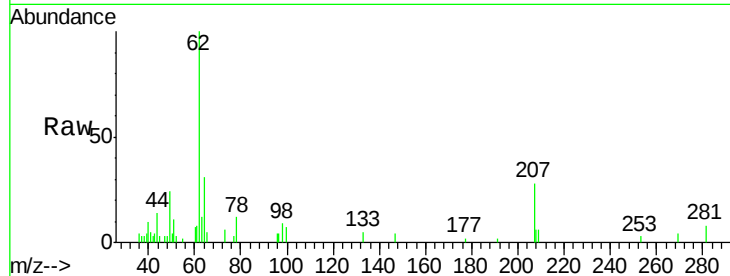
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	7001
Ion Ratio	Lower	Upper	
62	100		
98	10.3	0.0	19.4

Manual Integrations
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MMDadoda
5/5/2020 11:35:17 AM



#43

Isopropyl Acetate

Concen: 1.054 ug/l

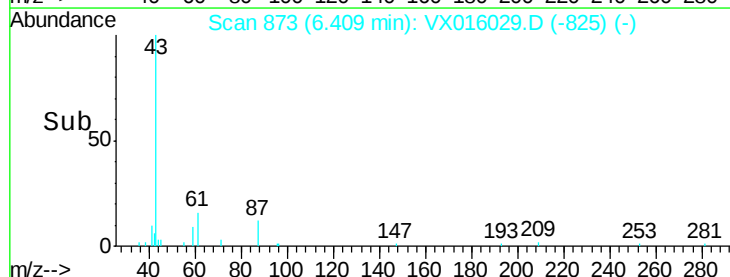
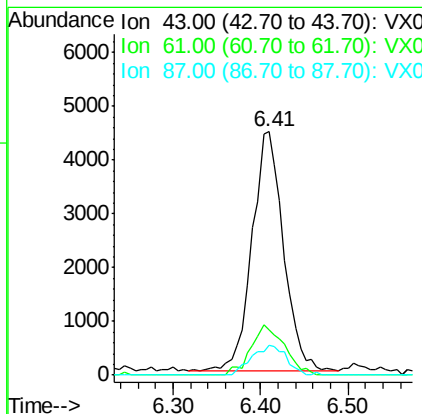
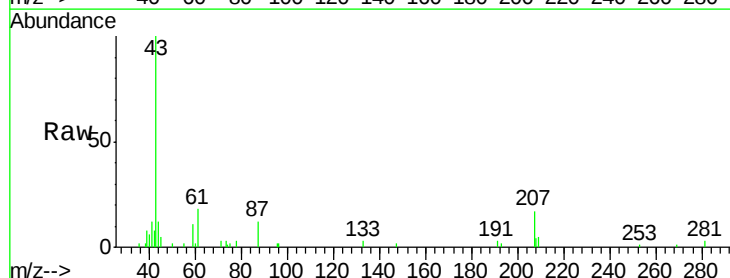
RT: 6.41 min Scan# 873

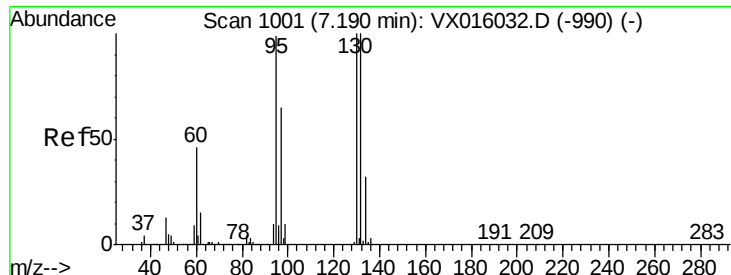
Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	43	Resp:	11197
Ion Ratio	Lower	Upper	
43	100		
61	22.1	17.0	25.4
87	13.6	11.0	16.6





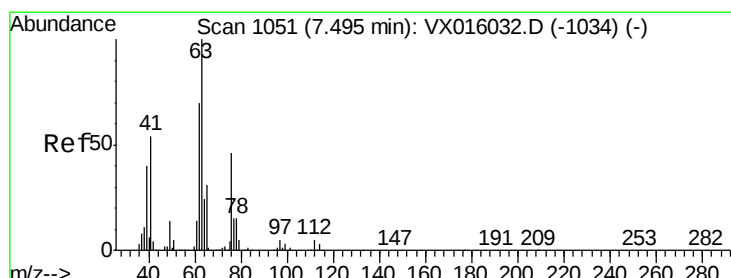
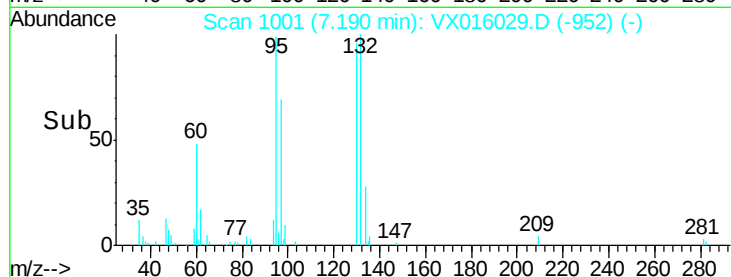
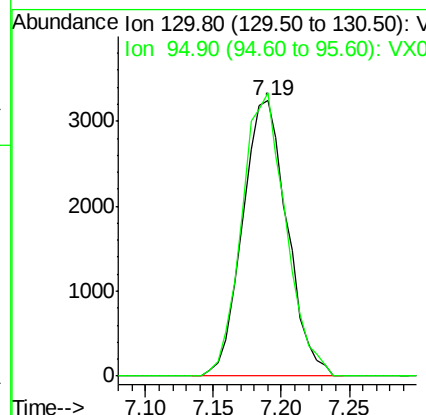
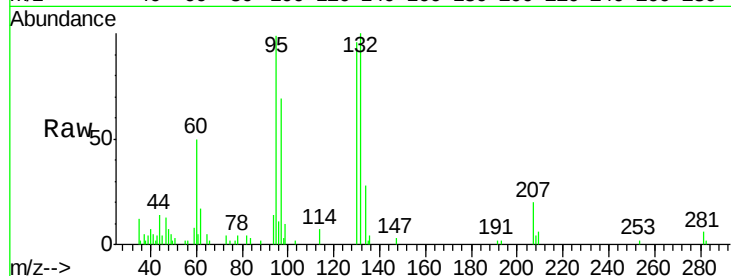
#44
 Trichloroethene
 Concen: 1.171 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 7426
 Ion Ratio Lower Upper
 130 100
 95 102.9 0.0 197.4

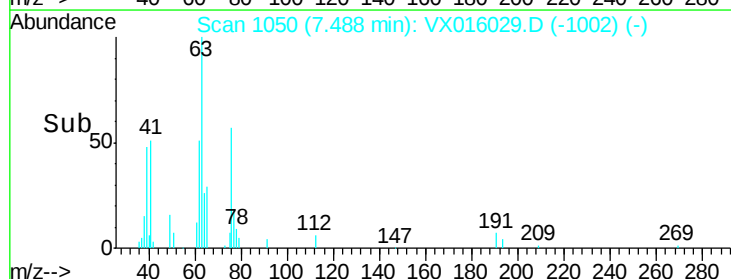
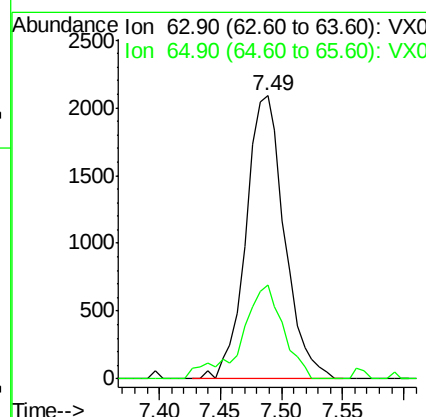
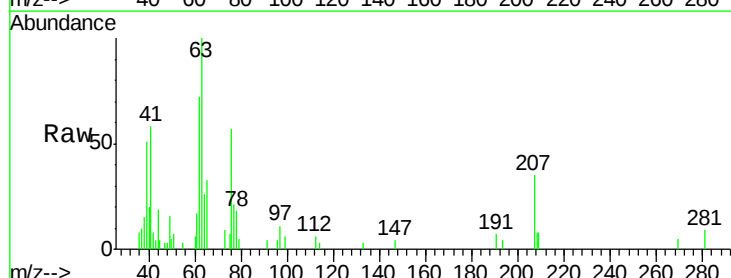
Manual Integrations
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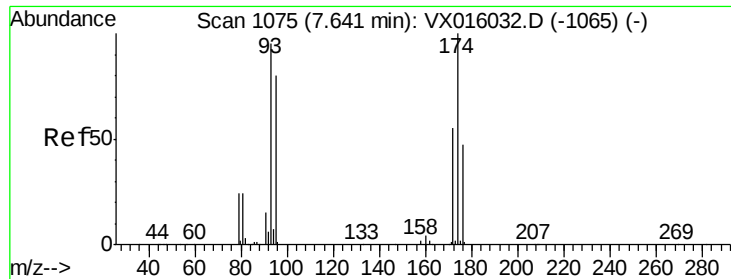
MMDadoda
 5/5/2020 11:35:17 AM



#45
 1,2-Dichloropropane
 Concen: 1.060 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion: 63 Resp: 4565
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.4 36.6





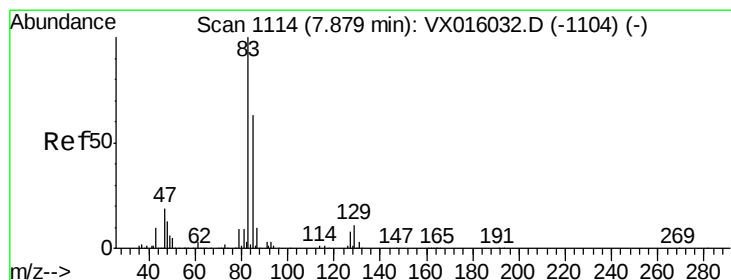
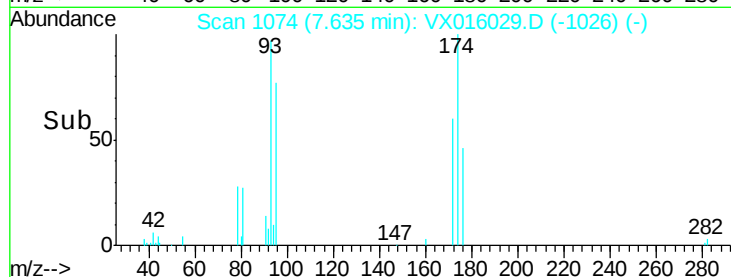
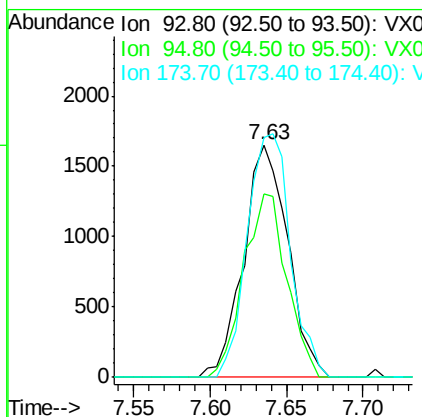
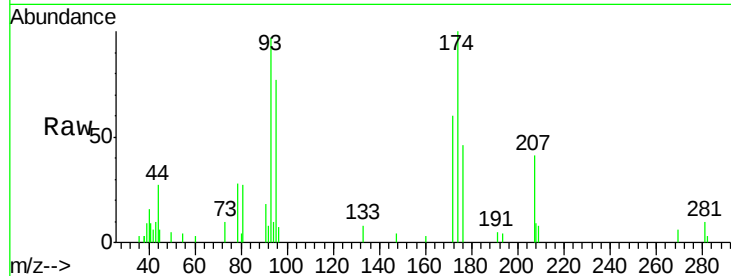
#46
Dibromomethane
Concen: 1.135 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 3325
Ion Ratio Lower Upper
93 100
95 77.0 66.6 100.0
174 102.4 84.2 126.4

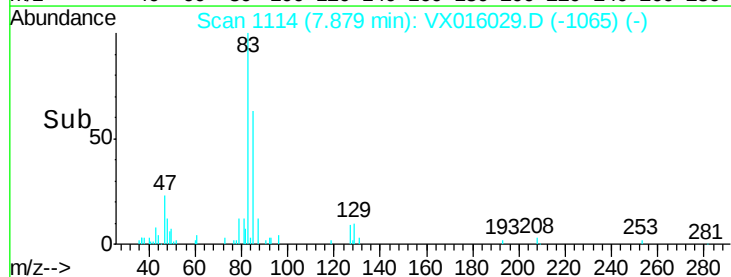
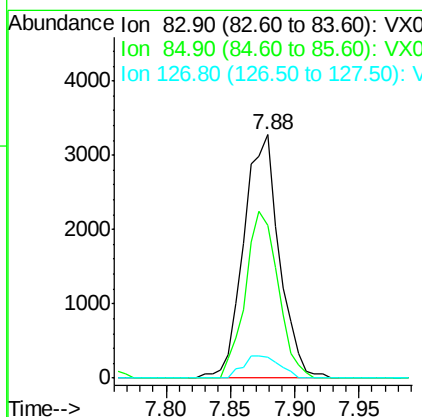
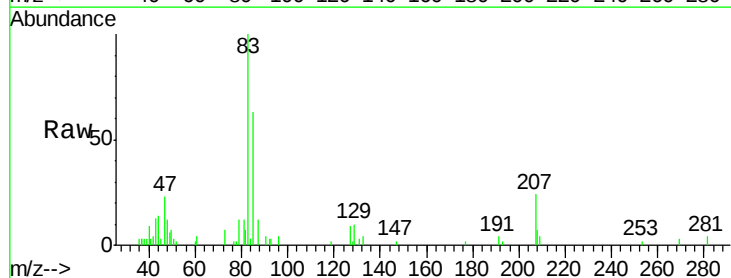
Manual Integrations
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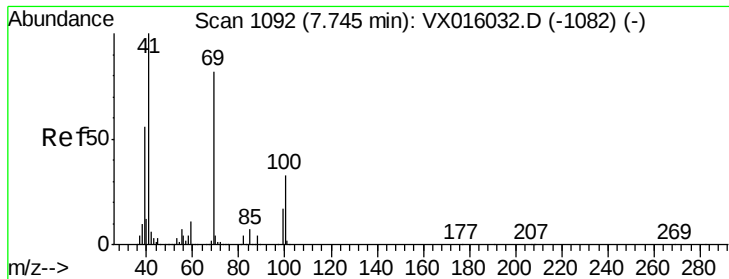
MMDadoda
5/5/2020 11:35:17 AM



#47
Bromodichloromethane
Concen: 1.063 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 83 Resp: 6249
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 8.5 6.7 10.1





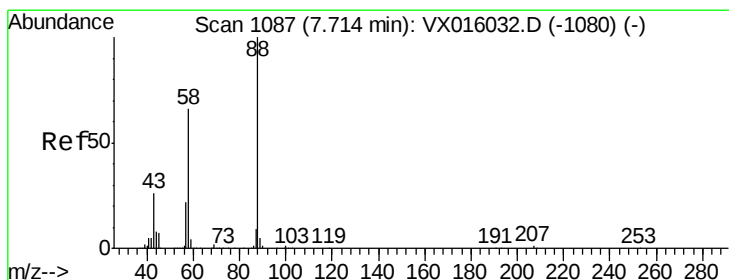
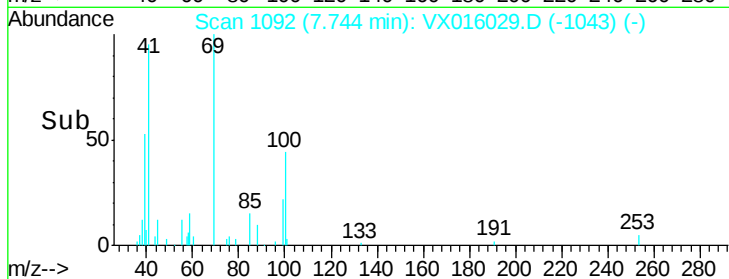
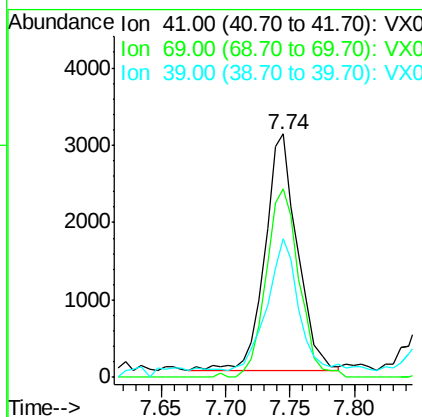
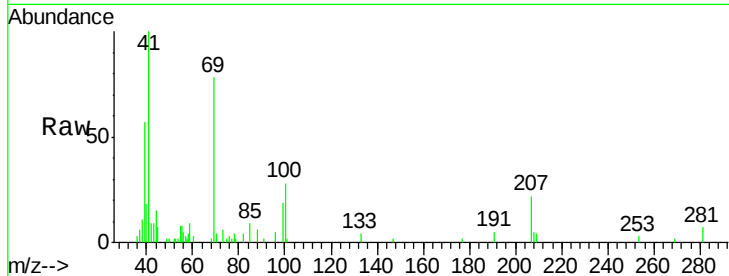
#48
Methvl methacrylate
Concen: 1.080 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	80.6	67.8	101.6
39	54.6	44.6	67.0

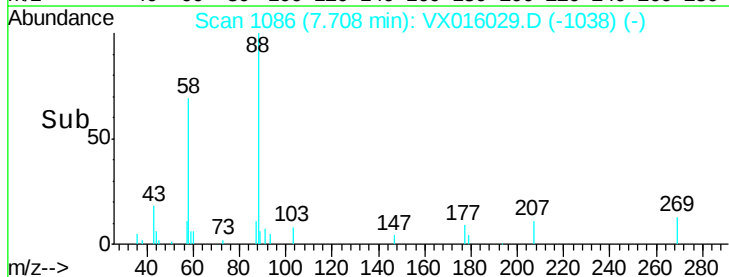
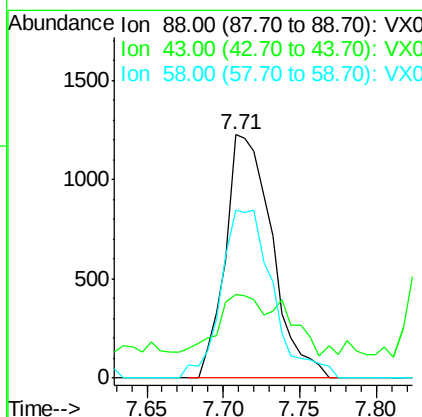
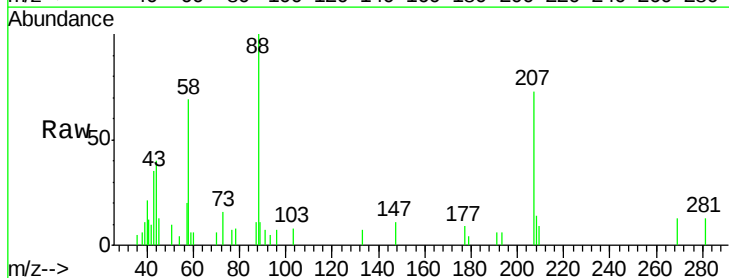
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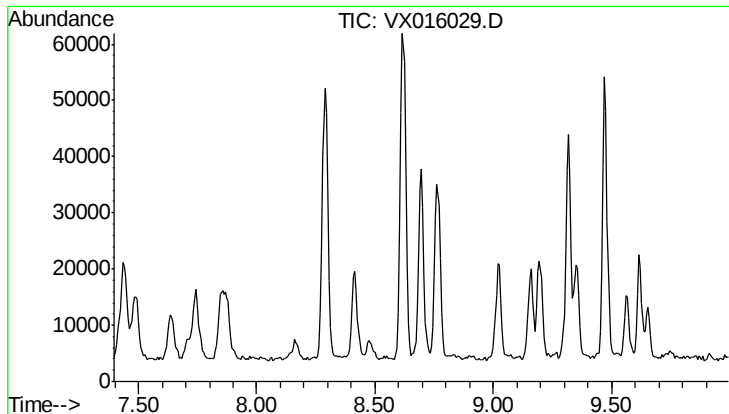
MMDadoda
5/5/2020 11:35:17 AM



#49
1,4-Dioxane
Concen: 21.510 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.6	25.3	37.9
58	76.8	55.9	83.9





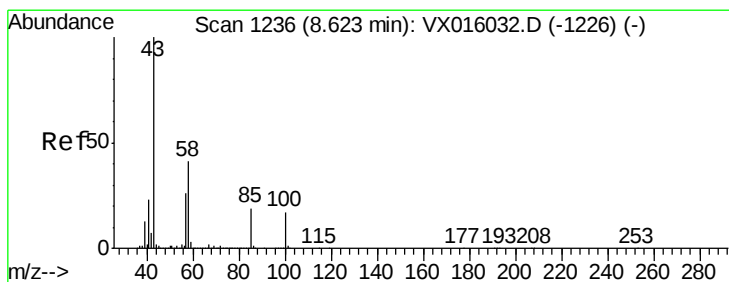
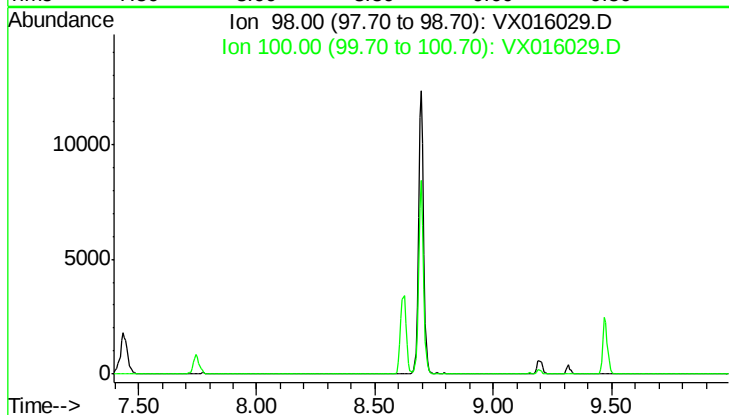
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 67.1

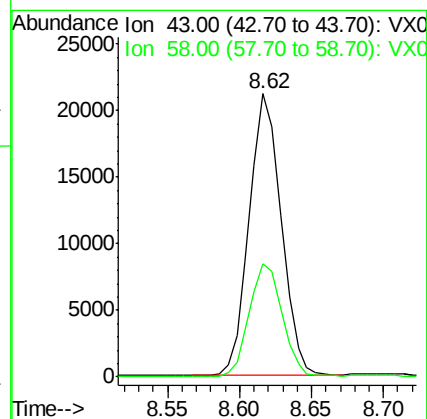
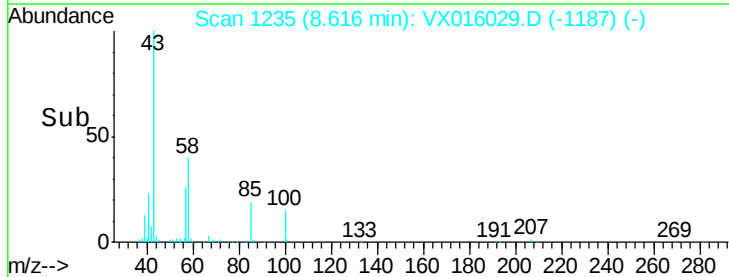
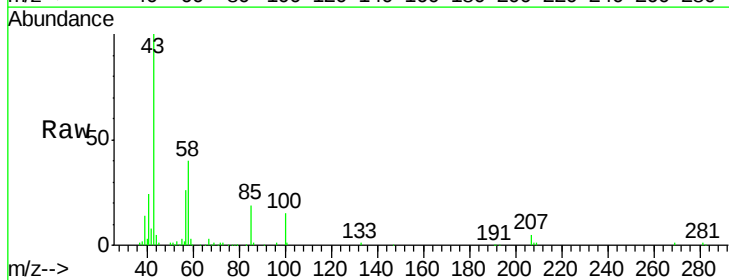
Manual Integrations
APPROVED

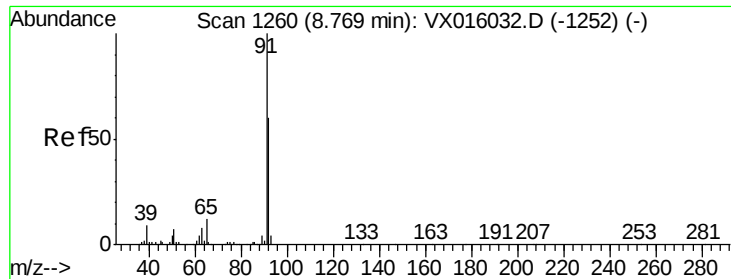
MMDadoda
5/5/2020 11:35:17 AM



#51
4-Methyl-2-Pentanone
Concen: 5.063 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 43 Resp: 32741
Ion Ratio Lower Upper
43 100
58 41.2 33.0 49.4





#52

Toluene

Concen: 1.088 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 11496

Ion Ratio Lower Upper

92 100

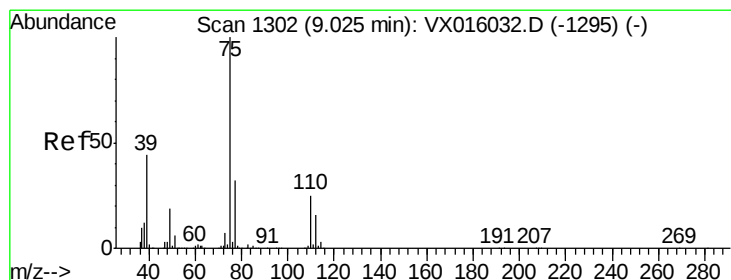
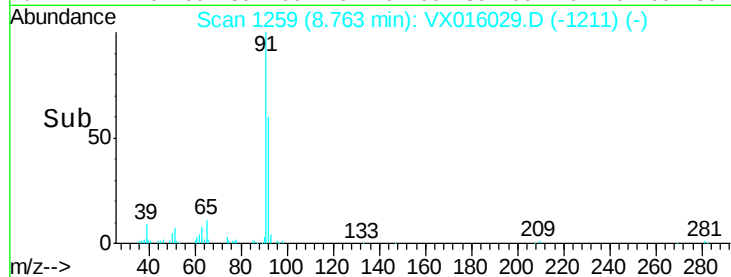
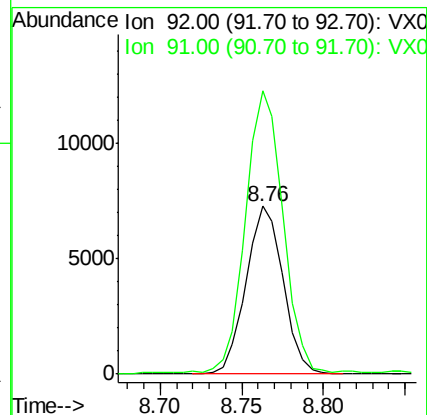
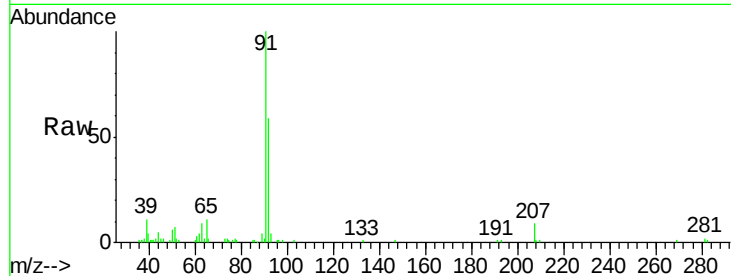
91 172.4 134.5 201.7

Manual Integrations

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MMDadoda

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#53

t-1,3-Dichloropropene

Concen: 1.115 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016029.D

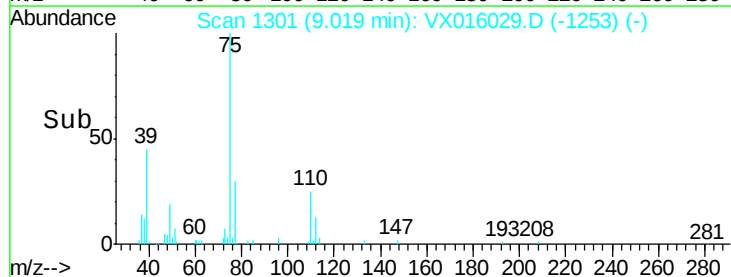
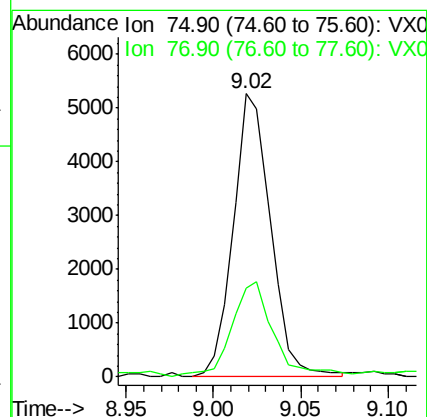
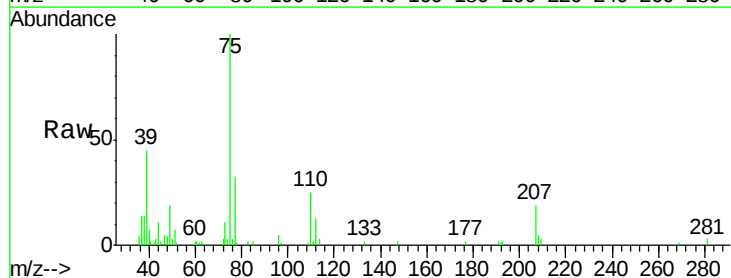
Acq: 04 May 2020 11:39

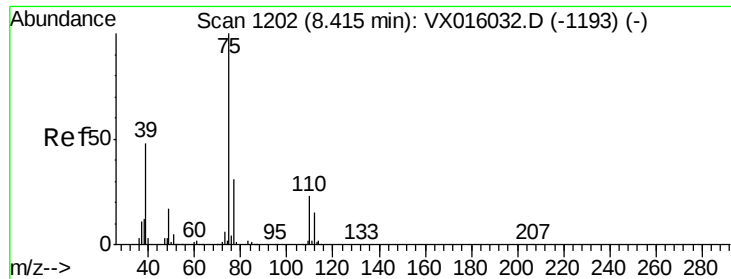
Tgt Ion: 75 Resp: 7849

Ion Ratio Lower Upper

75 100

77 30.1 25.7 38.5





#54

cis-1,3-Dichloropropene

Concen: 1.098 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

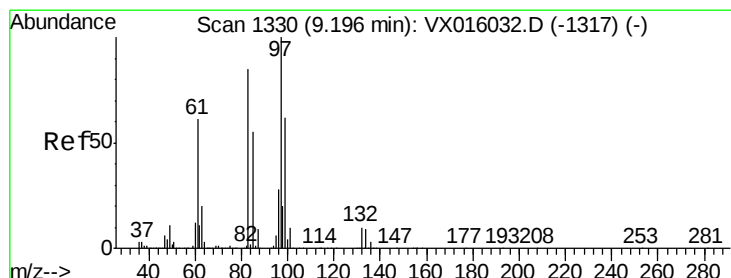
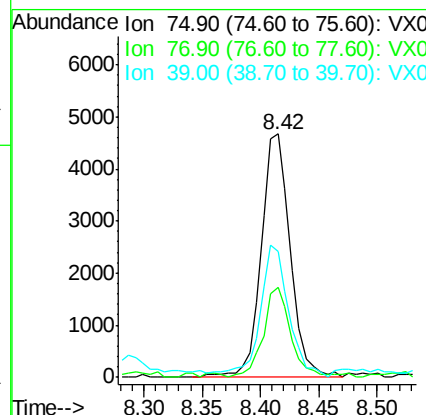
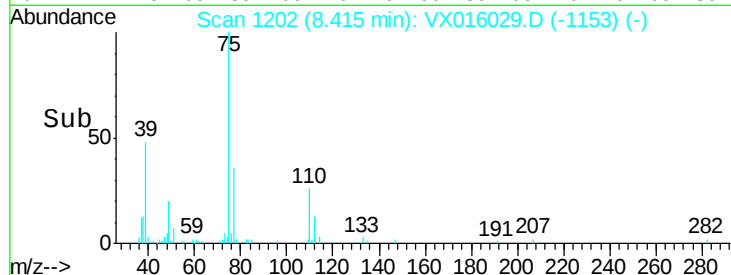
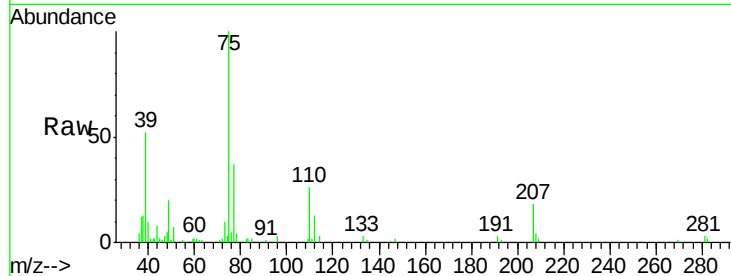
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	8121
Ion	Ratio	Lower	Upper
75	100		
77	35.6	24.7	37.1
39	49.3	38.7	58.1

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.062 ug/l

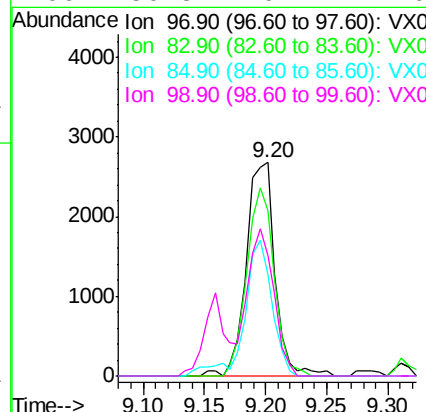
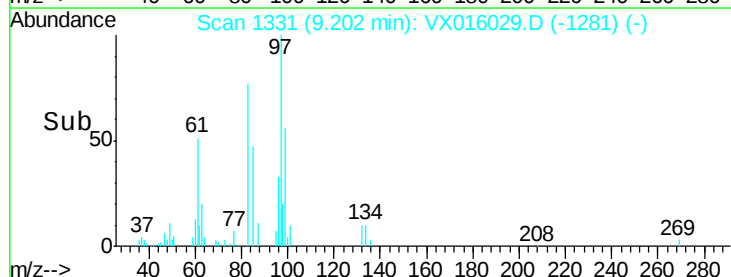
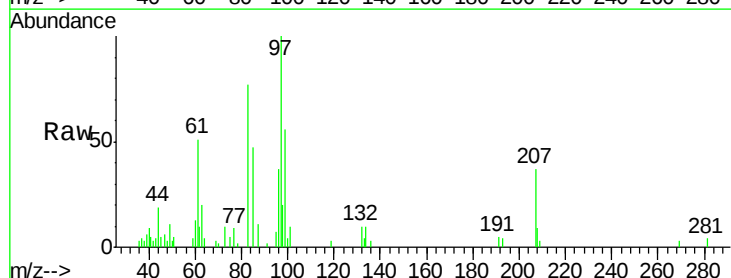
RT: 9.20 min Scan# 1331

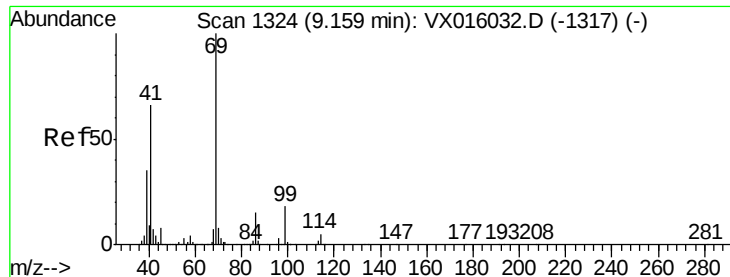
Delta R.T. 0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	97	Resp:	4387
Ion	Ratio	Lower	Upper
97	100		
83	77.4	67.8	101.8
85	47.1	43.8	65.8
99	56.3	49.4	74.0





#56

Ethyl methacrylate

Concen: 1.006 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

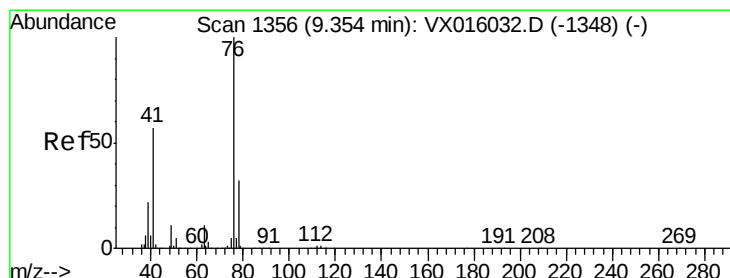
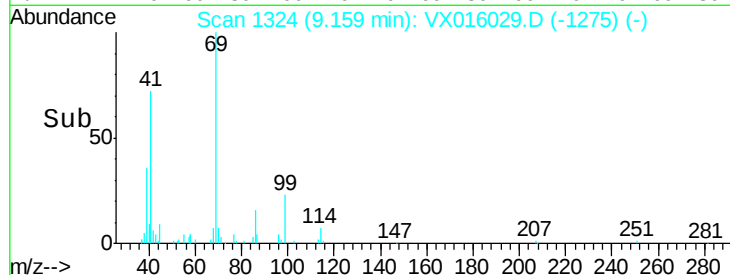
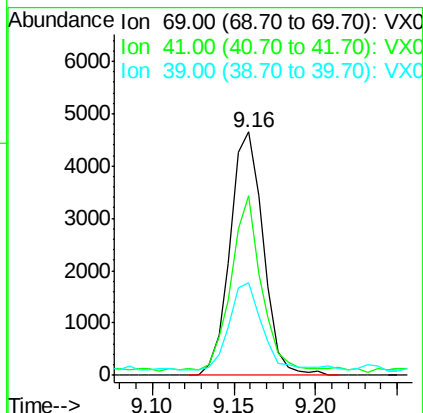
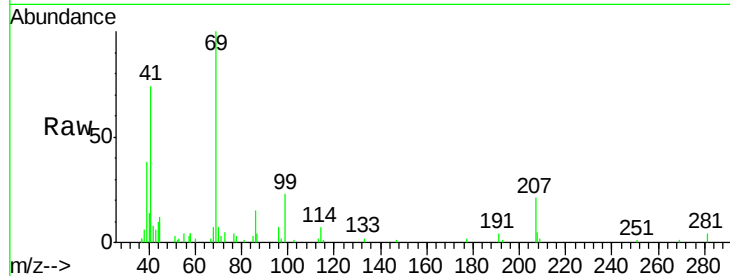
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	6575
Ion	Ratio	Lower	Upper
69	100		
41	67.1	52.2	78.4
39	35.6	28.2	42.4

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.088 ug/l

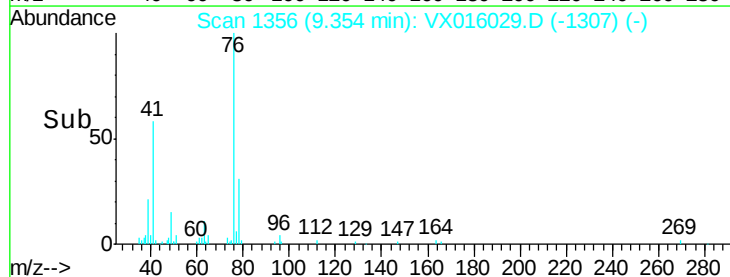
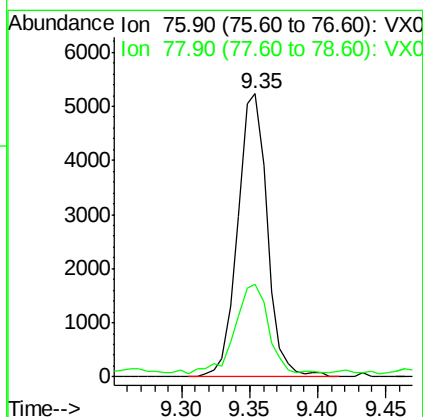
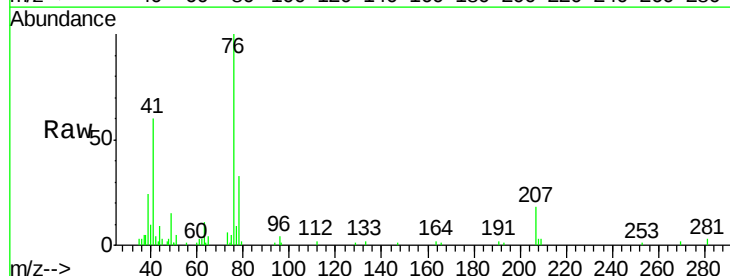
RT: 9.35 min Scan# 1356

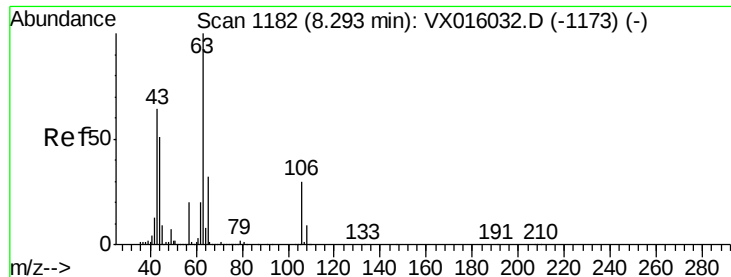
Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	76	Resp:	7921
Ion	Ratio	Lower	Upper
76	100		
78	35.4	25.9	38.9





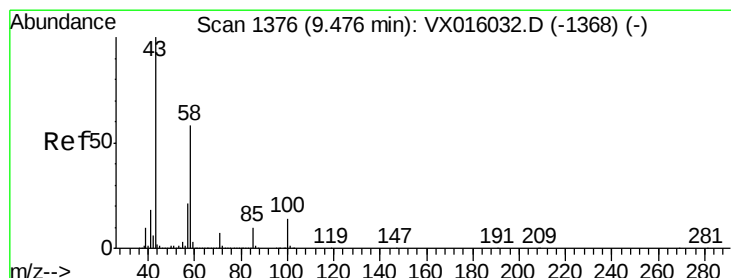
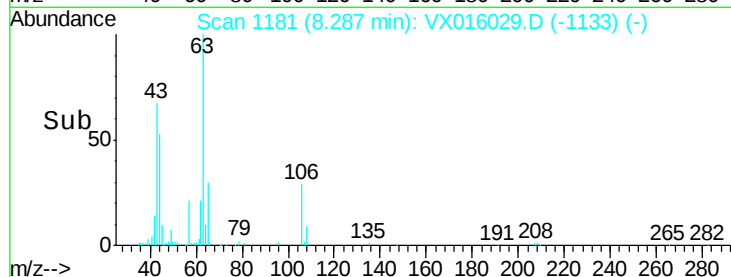
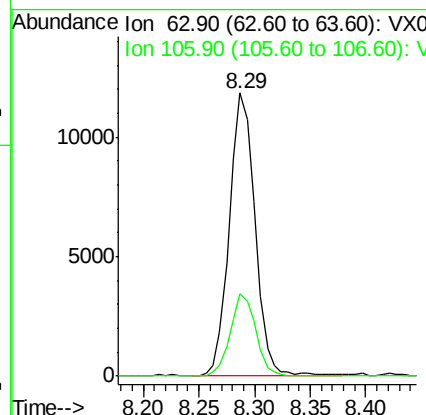
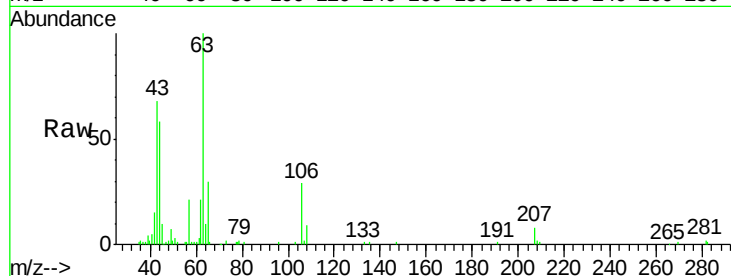
#58
 2-Chloroethyl Vinyl ether
 Concen: 5.356 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 19063
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.4 35.2

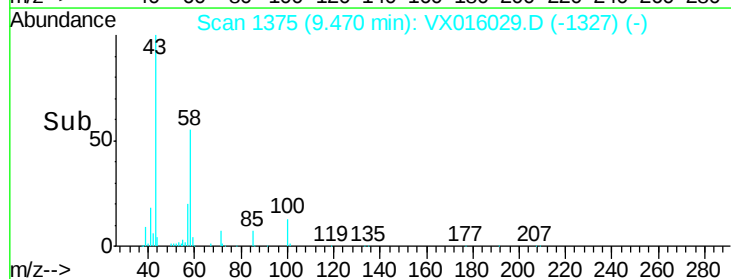
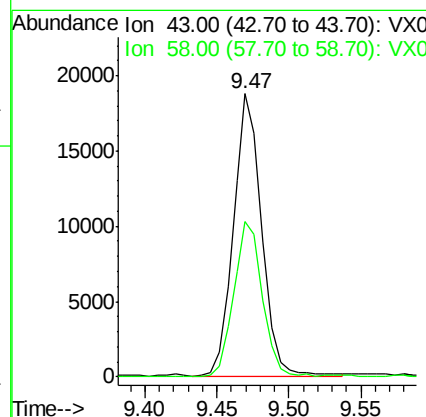
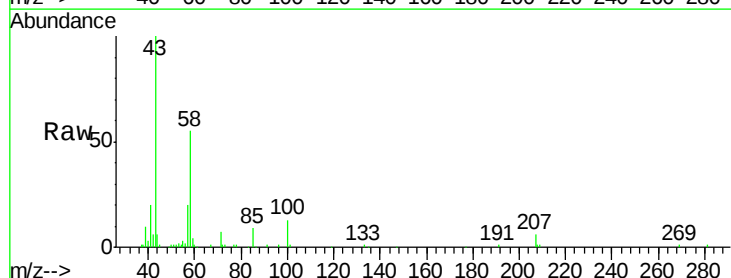
Manual Integrations
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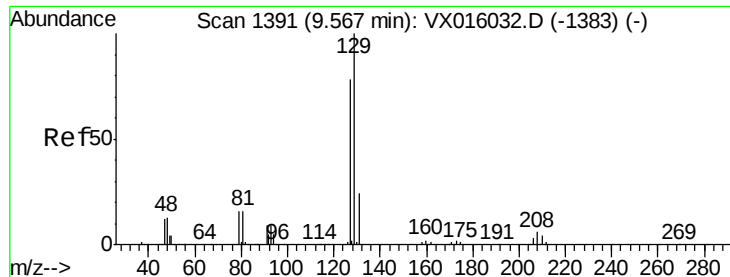
MMDadoda
 5/5/2020 11:35:17 AM



#59
 2-Hexanone
 Concen: 5.122 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion: 43 Resp: 25956
 Ion Ratio Lower Upper
 43 100
 58 55.2 28.6 85.9





#60

Dibromochloromethane

Concen: 1.022 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 4549

Ion Ratio Lower Upper

129 100

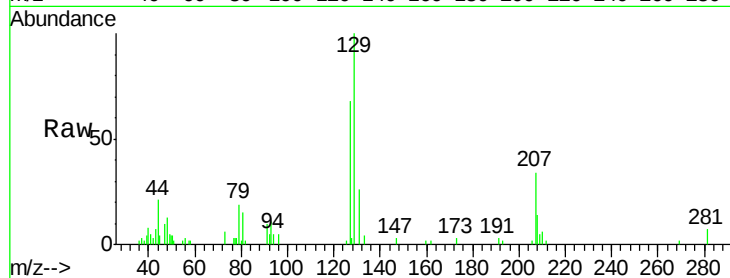
127 78.0 38.4 115.2

Manual Integrations

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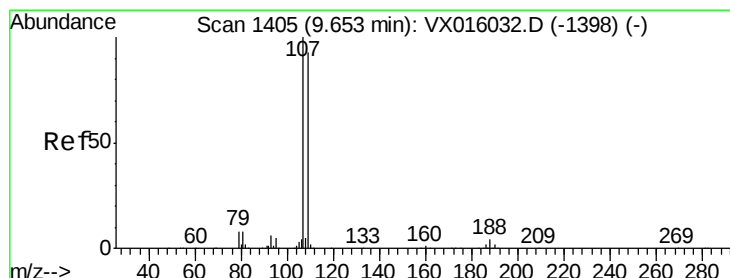
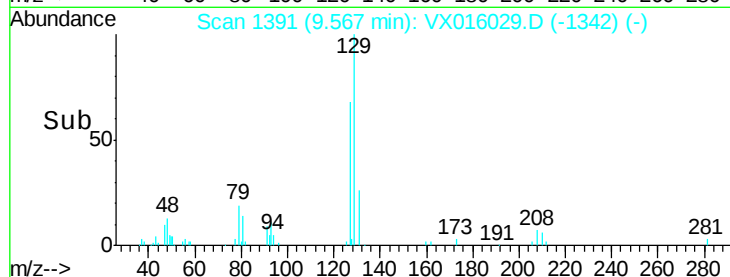
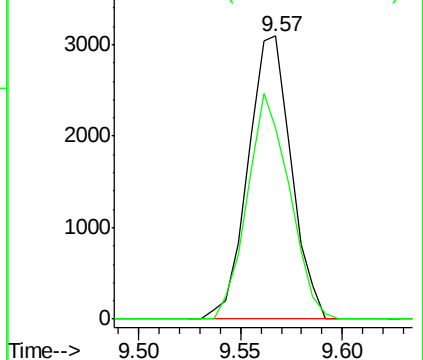
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.050 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016029.D

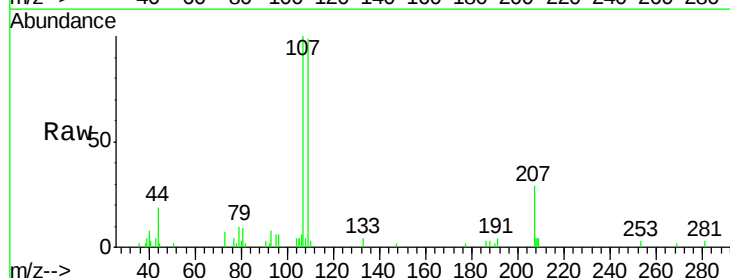
Acq: 04 May 2020 11:39

Tgt Ion:107 Resp: 4689

Ion Ratio Lower Upper

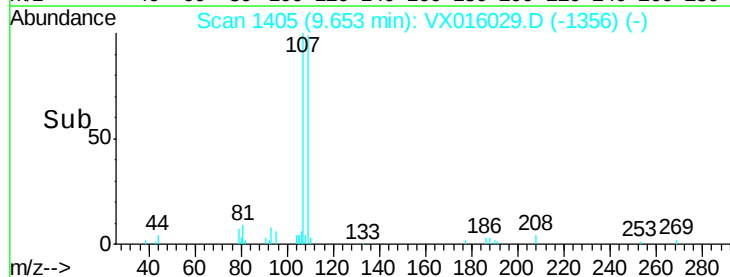
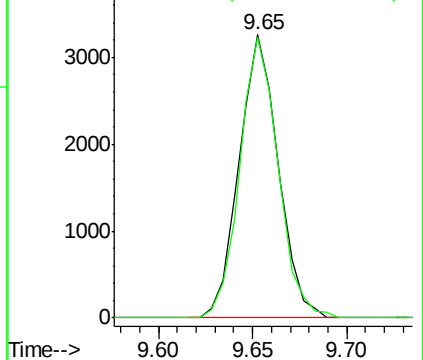
107 100

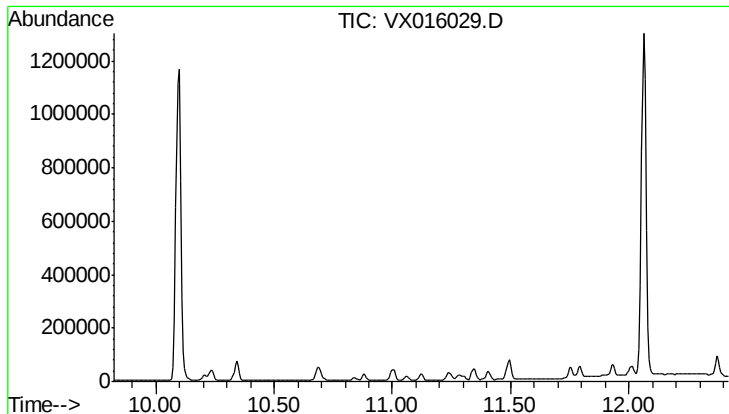
109 97.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tot Ion: 95

Sig Exp Ratio

95 100

174 79.7

176 78.8

Instrument :

MSVOA_X

ClientSampleId :

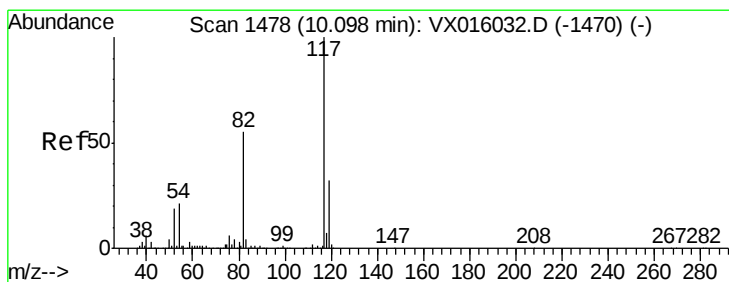
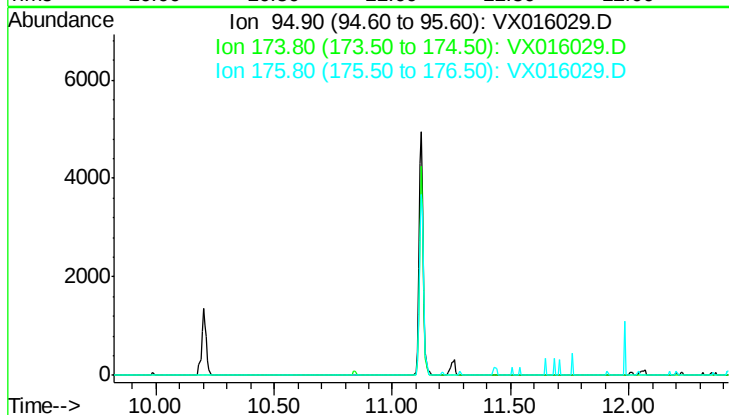
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

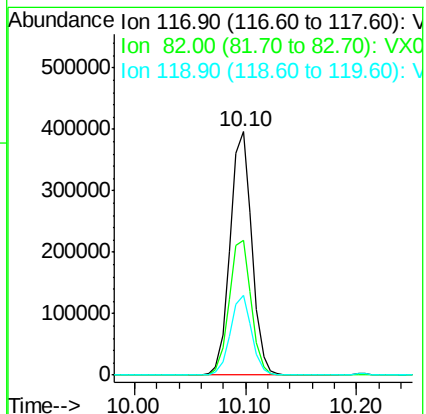
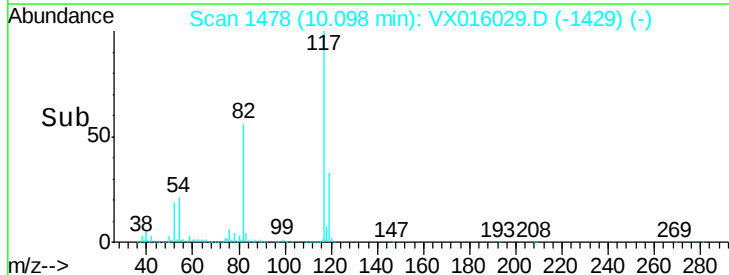
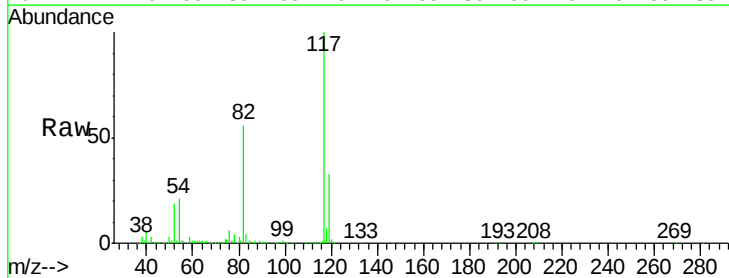
Tgt Ion:117 Resp: 532938

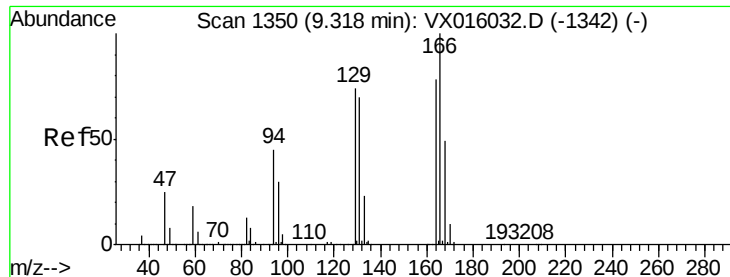
Ion Ratio Lower Upper

117 100

82 55.6 44.4 66.6

119 32.5 25.5 38.3





#64

Tetrachloroethene

Concen: 1.128 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:164 Resp: 7635

Ion Ratio Lower Upper

164 100

166 125.6 102.9 154.3

129 89.8 76.1 114.1

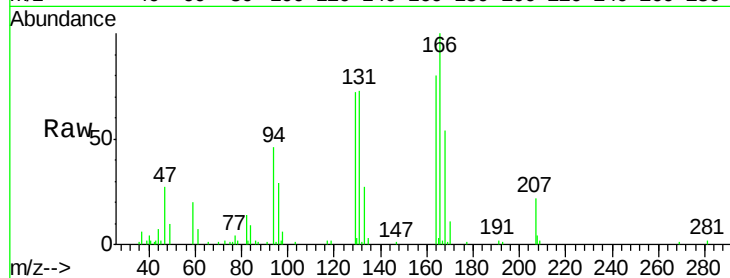
131 91.2 71.9 107.9

Manual Integrations

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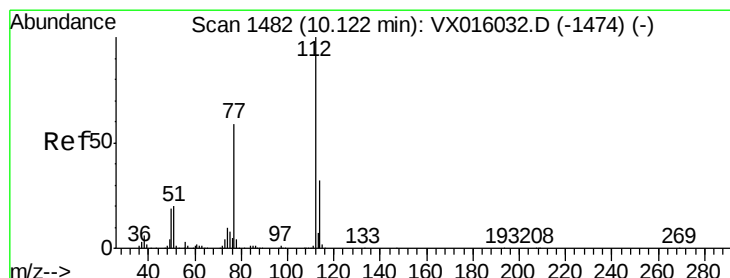
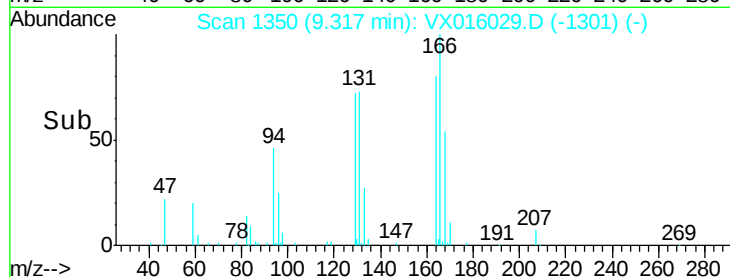
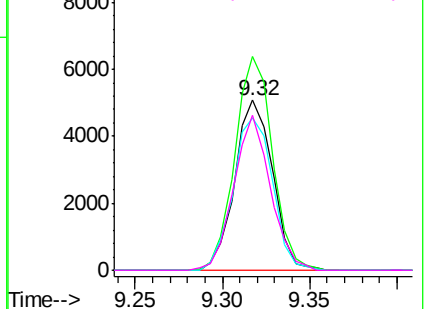


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.118 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016029.D

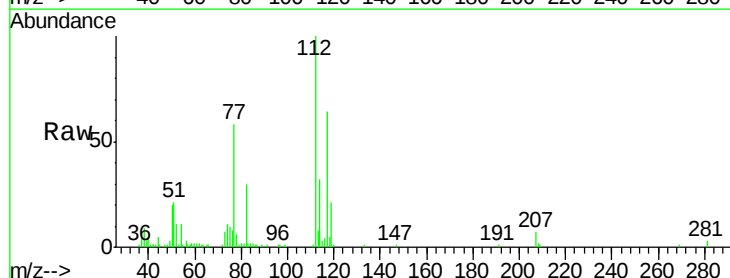
Acq: 04 May 2020 11:39

Tgt Ion:112 Resp: 12633

Ion Ratio Lower Upper

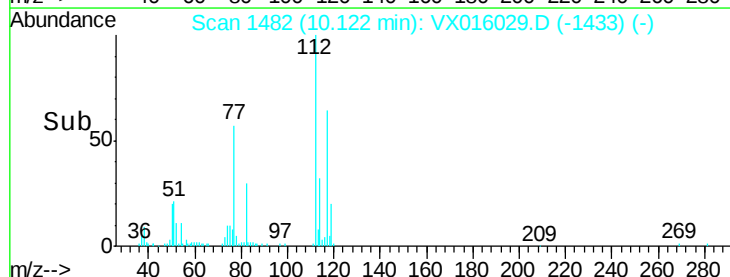
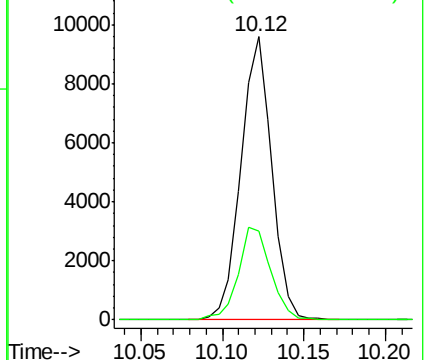
112 100

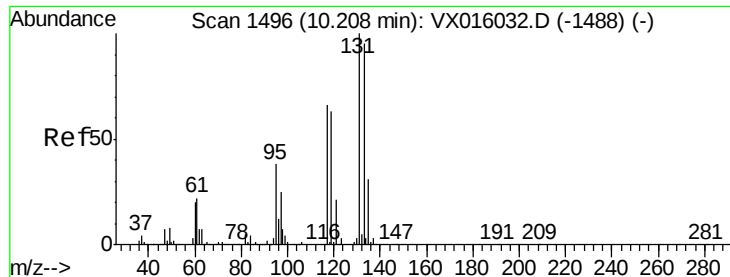
114 31.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.062 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

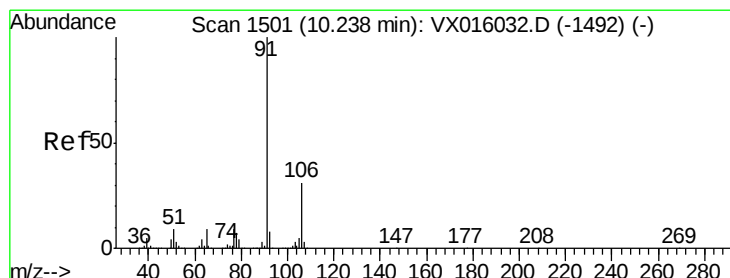
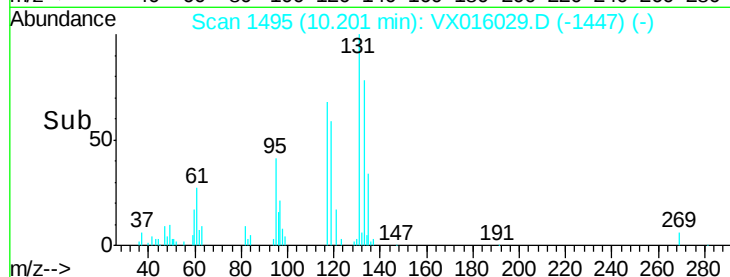
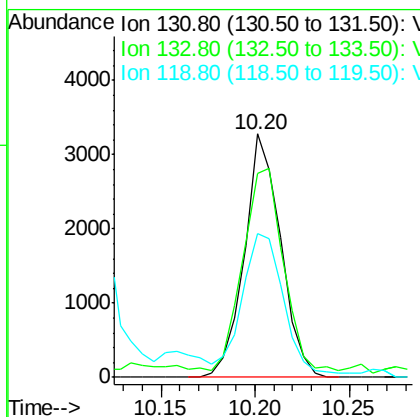
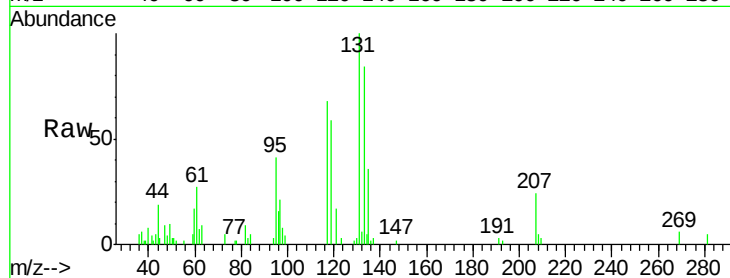
ClientSampleId :

VSTDIC001

Tot Ion:	131	Resp:	4366
Ion	Ratio	Lower	Upper
131	100		
133	92.0	48.3	144.8
119	0.0	32.3	96.9#

Manual Integrations
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#67

Ethyl Benzene

Concen: 1.089 ug/l

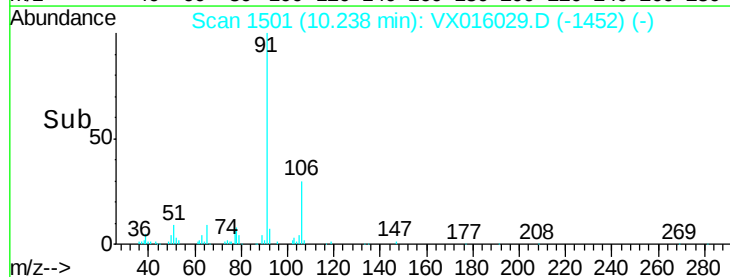
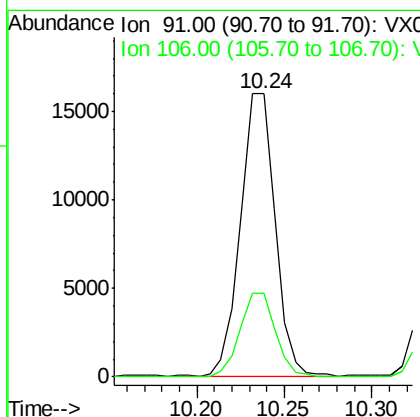
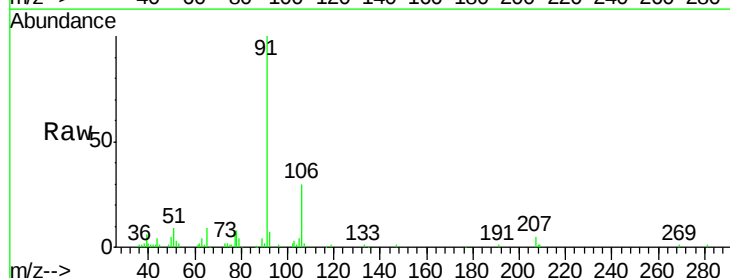
RT: 10.24 min Scan# 1501

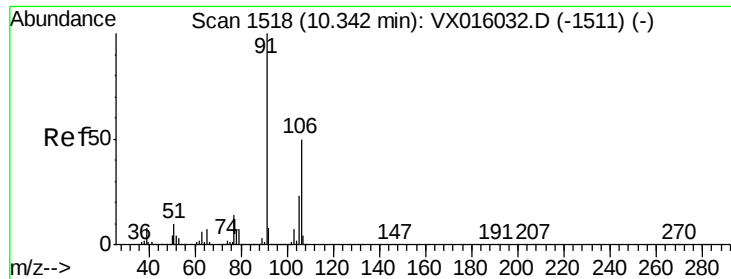
Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	91	Resp:	21899
Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.1	37.7





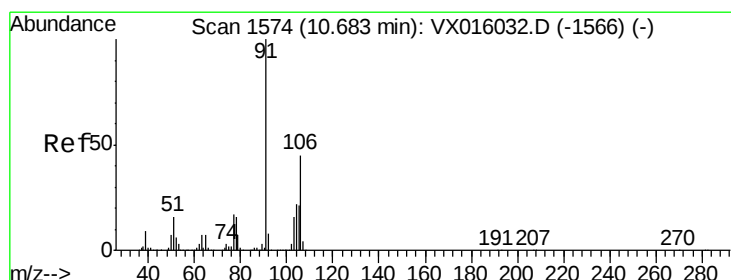
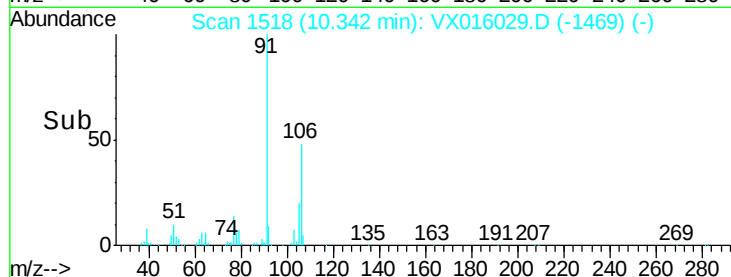
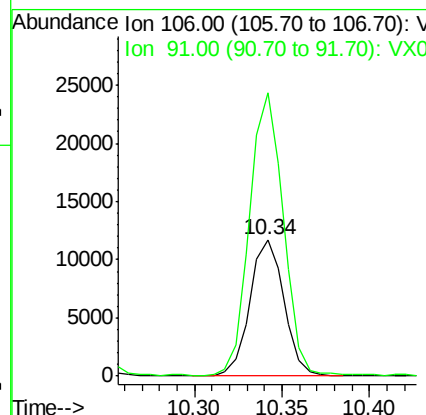
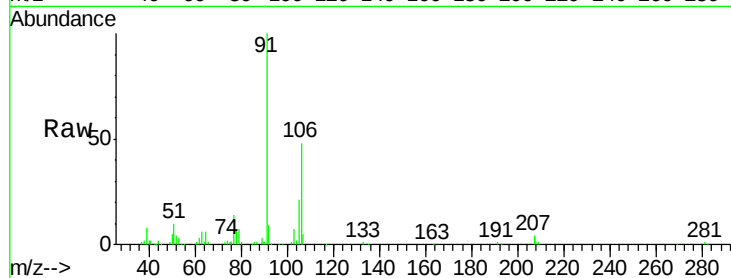
#68
m/p-Xvlenes
Concen: 2.141 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 15987
Ion Ratio Lower Upper
106 100
91 204.3 161.7 242.5

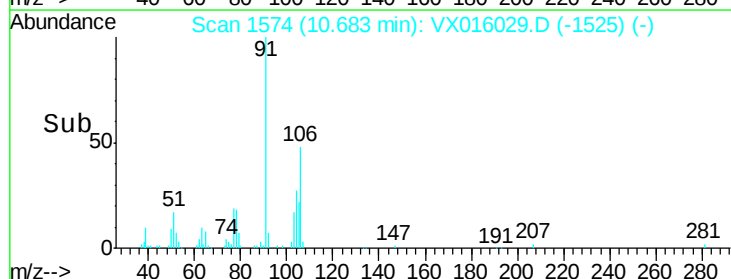
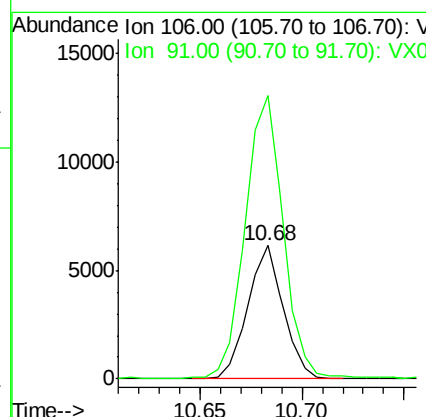
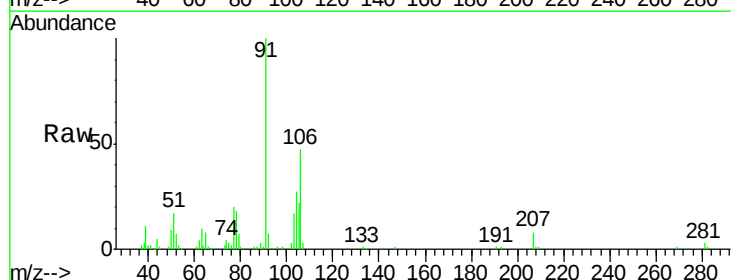
Manual Integrations
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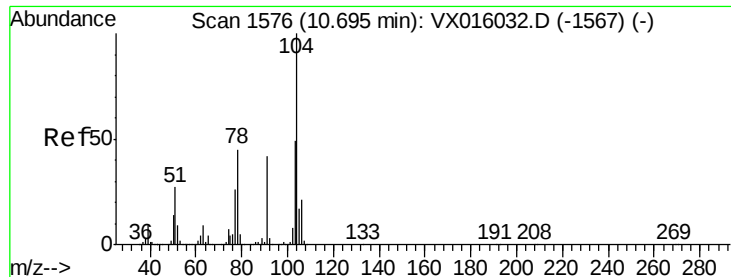
MMDadoda
5/5/2020 11:35:17 AM



#69
o-Xylene
Concen: 1.036 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion:106 Resp: 7400
Ion Ratio Lower Upper
106 100
91 230.4 107.5 322.6





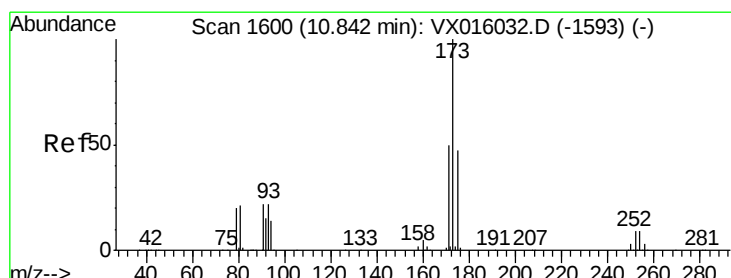
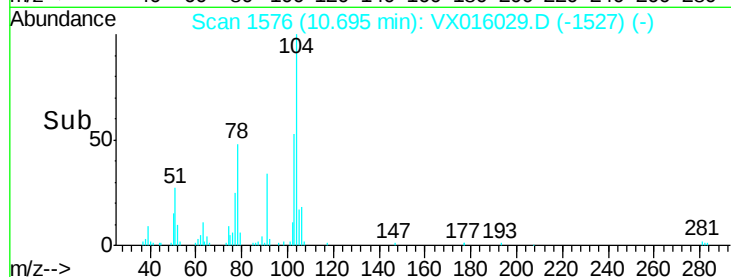
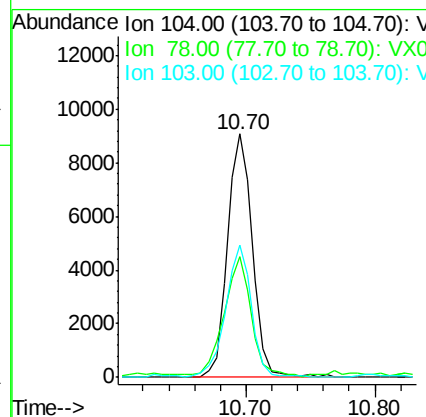
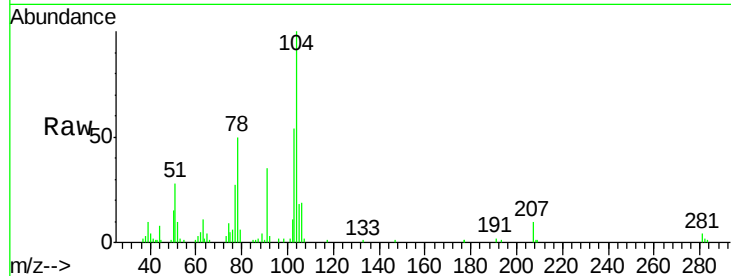
#70
Stvrene
Concen: 1.041 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.8	40.2	60.2
103	56.7	43.0	64.6

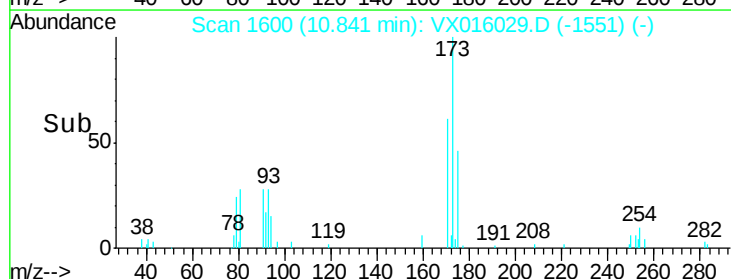
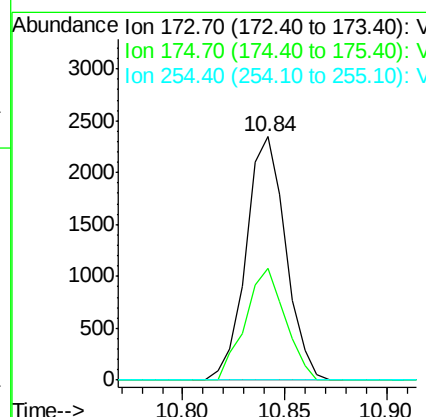
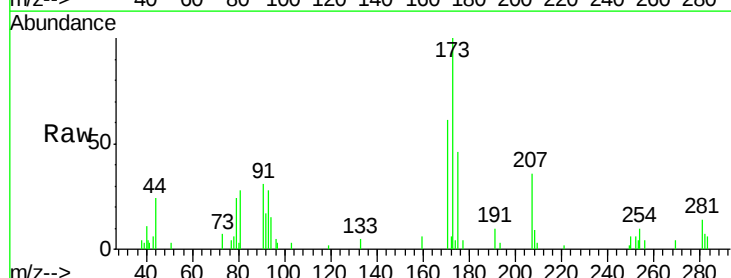
Manual Integrations
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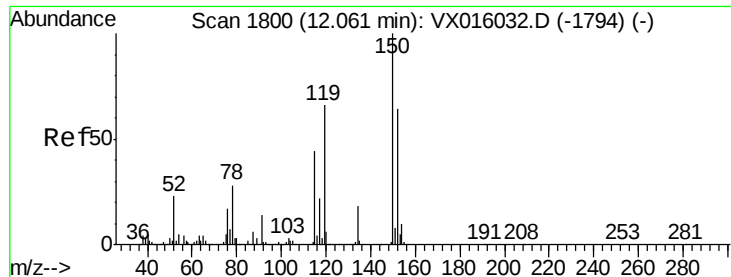
MMDadoda
5/5/2020 11:35:17 AM



#71
Bromoform
Concen: 0.988 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.2	24.0	72.0
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

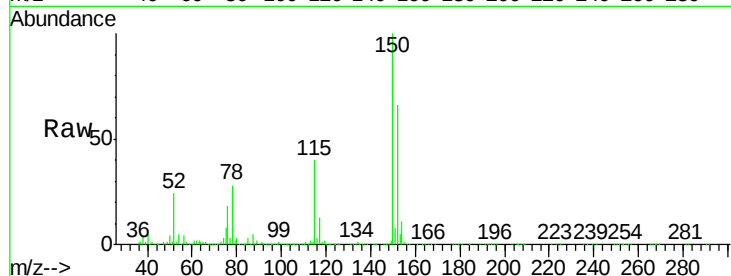
ClientSampleId :

VSTDIC001

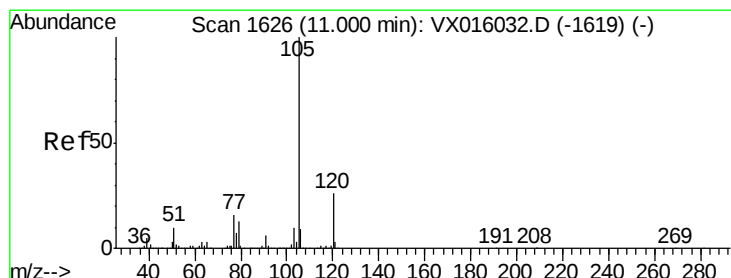
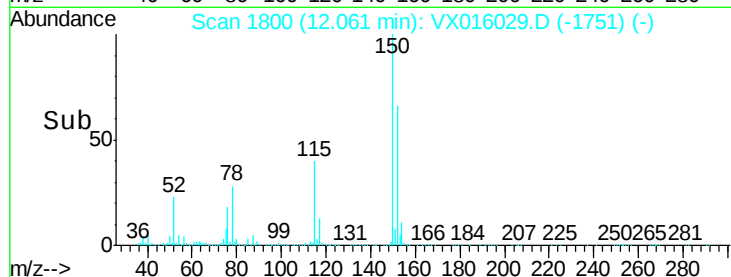
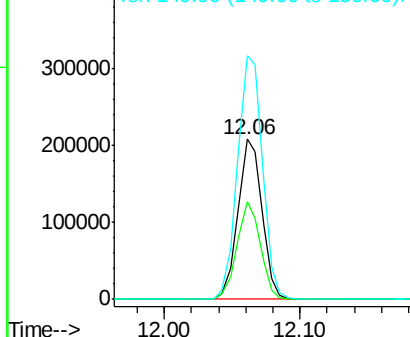
Tot Ion:	152	Resp:	255140
Ion Ratio	Lower	Upper	
152	100		
115	59.4	41.3	124.1
150	157.3	0.0	352.2

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.070 ug/l

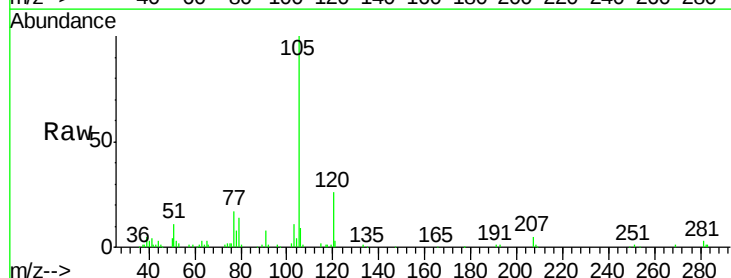
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

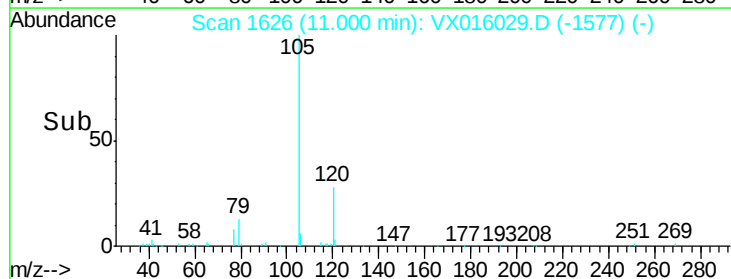
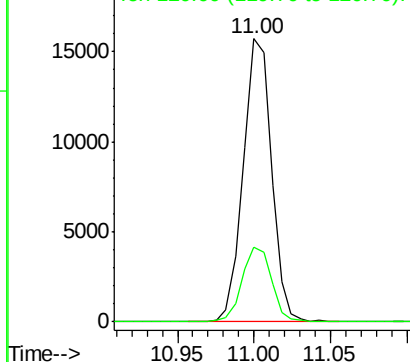
Lab File: VX016029.D

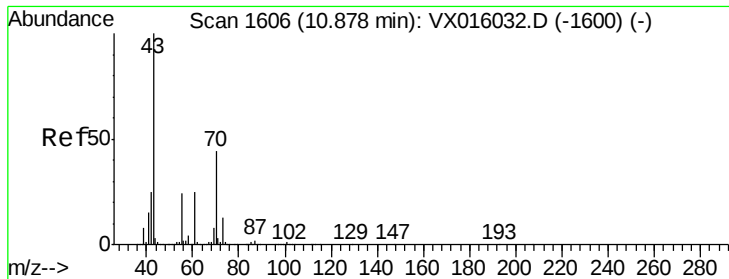
Acq: 04 May 2020 11:39

Tgt Ion:	105	Resp:	20282
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.4	40.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.069 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

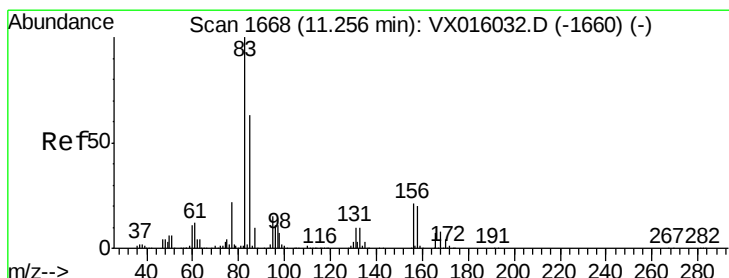
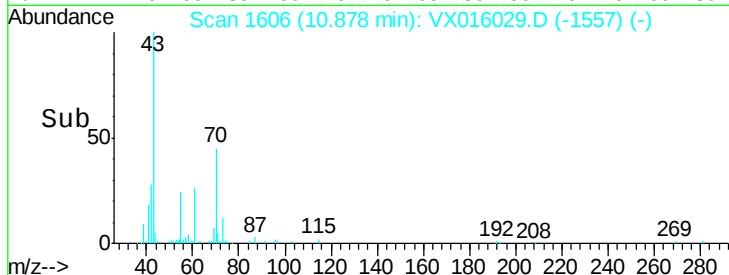
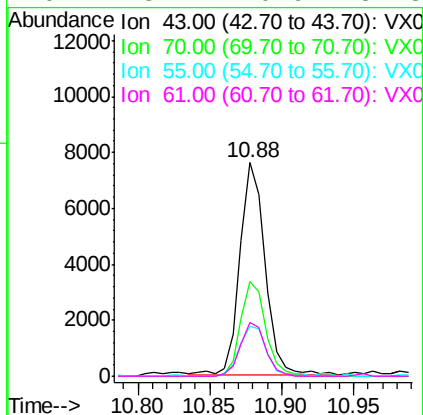
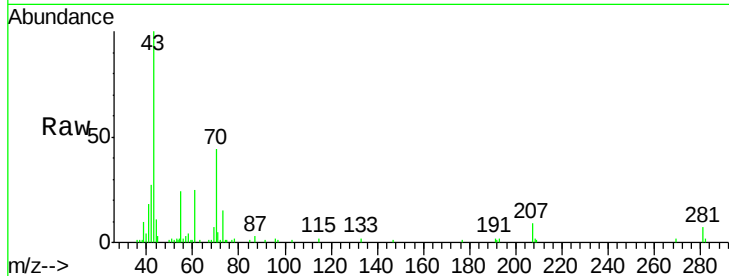
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	9262
Ion	Ratio	Lower	Upper
43	100		
70	44.1	36.5	54.7
55	25.4	19.7	29.5
61	25.2	20.9	31.3

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.783 ug/l

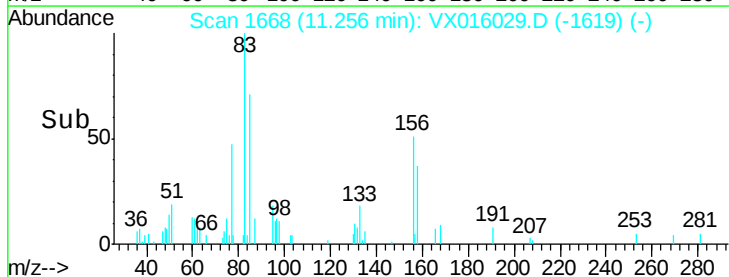
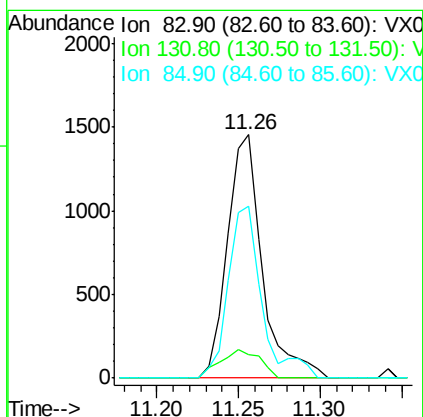
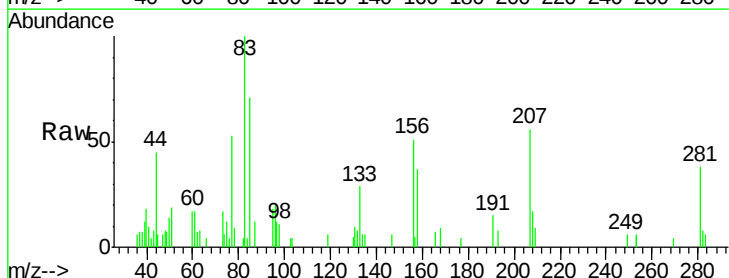
RT: 11.26 min Scan# 1668

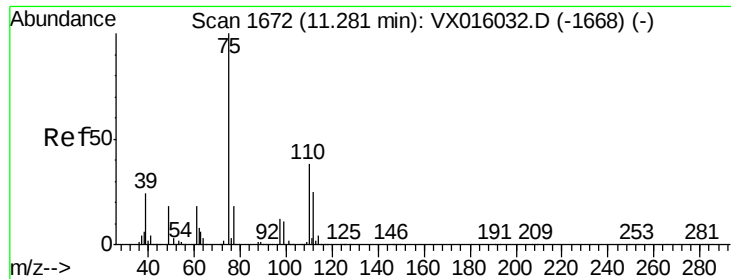
Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	83	Resp:	2166
Ion	Ratio	Lower	Upper
83	100		
131	13.3	5.1	15.4
85	67.8	32.0	96.0





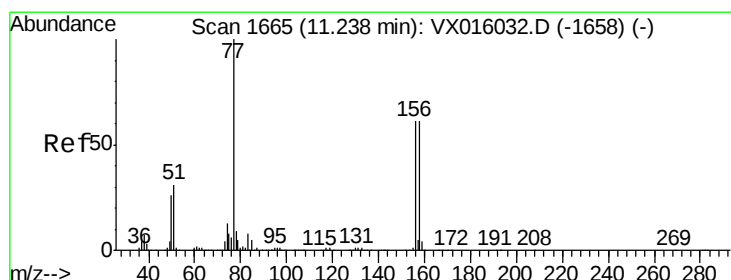
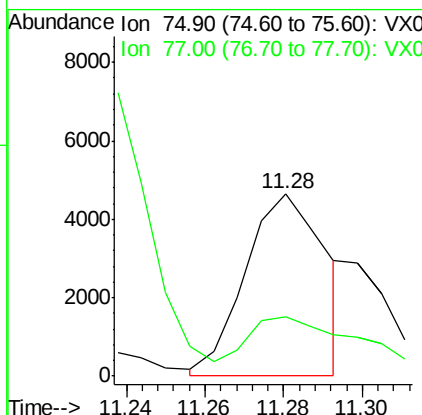
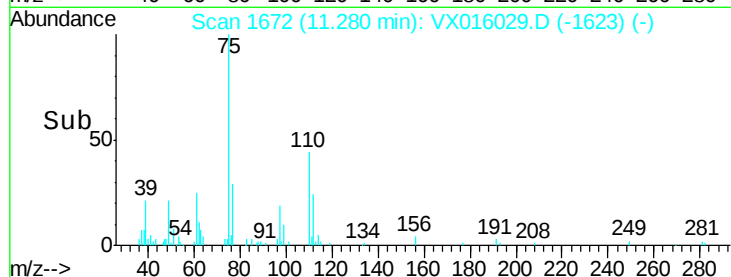
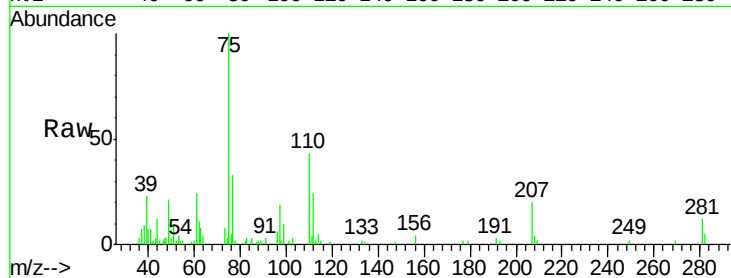
#76
1,2,3-Trichloropropane
Concen: 0.883 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 6584
Ion Ratio Lower Upper
75 100
77 43.5 21.2 63.6

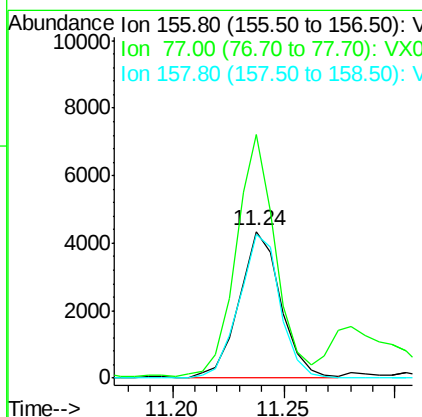
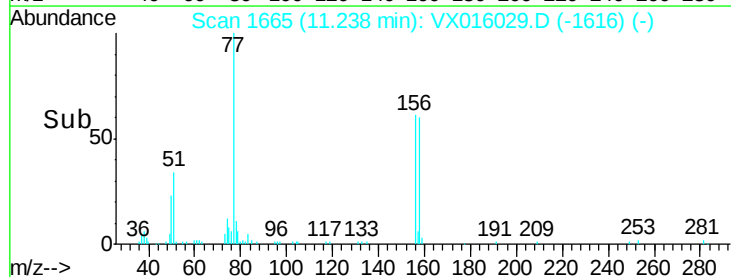
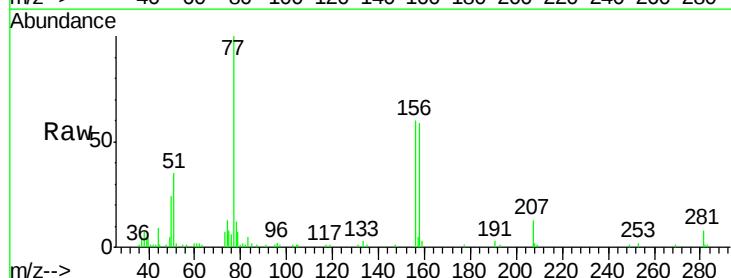
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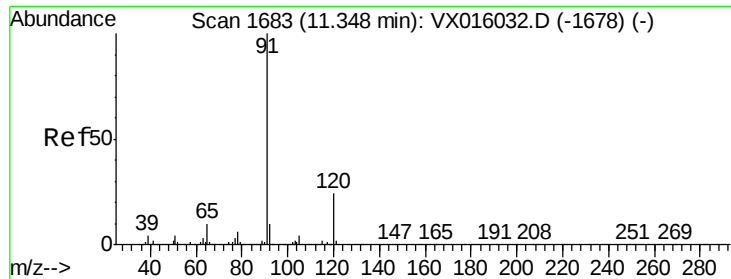
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#77
Bromobenzene
Concen: 1.169 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion: 156 Resp: 5726
Ion Ratio Lower Upper
156 100
77 153.0 80.1 240.3
158 95.4 49.4 148.2





#78

n-propylbenzene

Concen: 1.121 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 24654

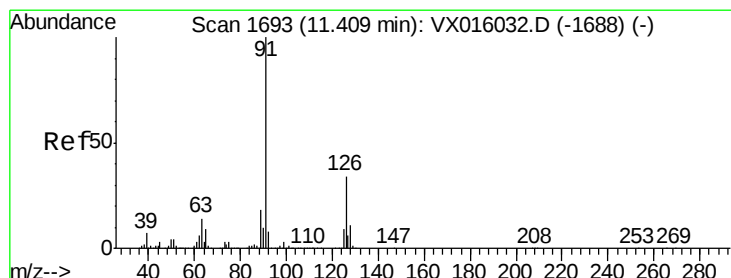
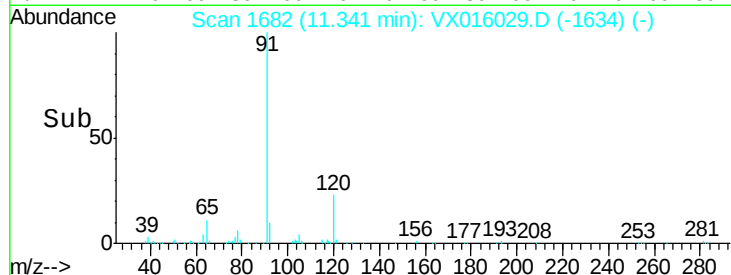
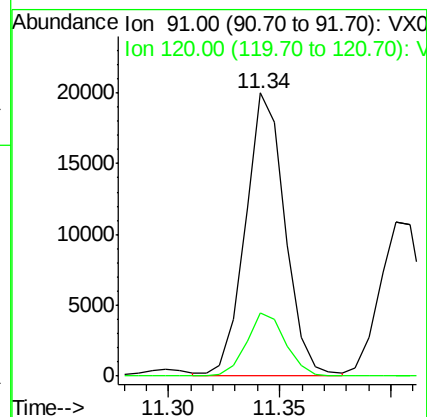
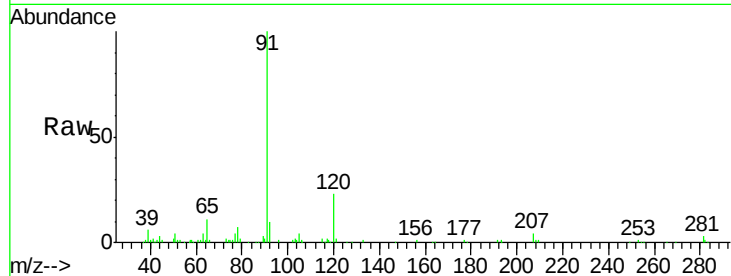
Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.5

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#79

2-Chlorotoluene

Concen: 1.120 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016029.D

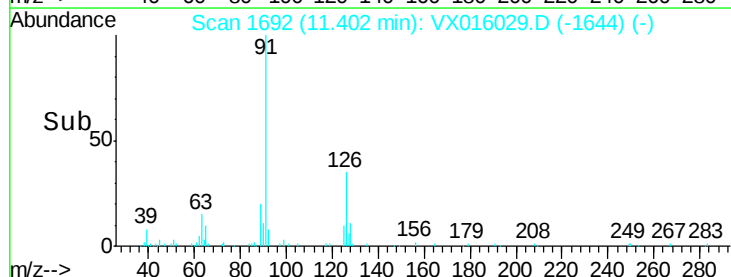
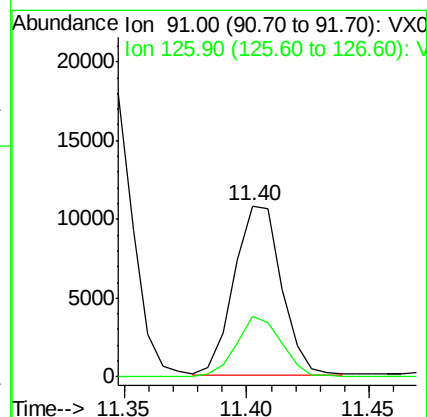
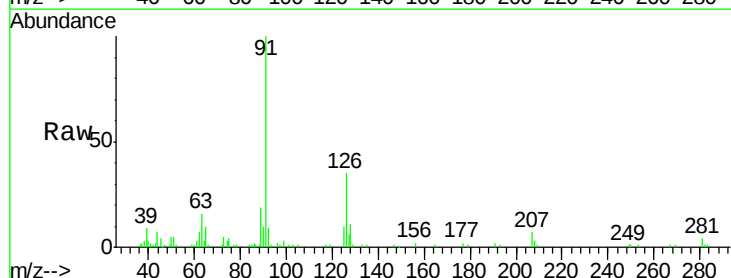
Acq: 04 May 2020 11:39

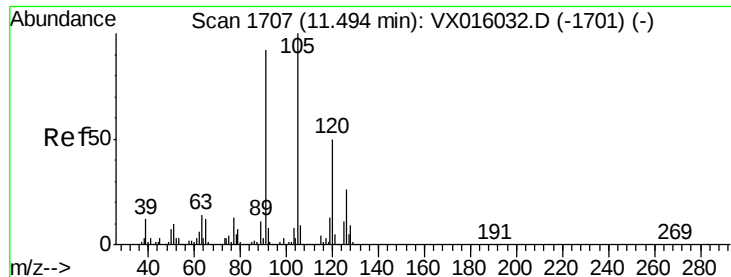
Tgt Ion: 91 Resp: 14559

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.6





#80

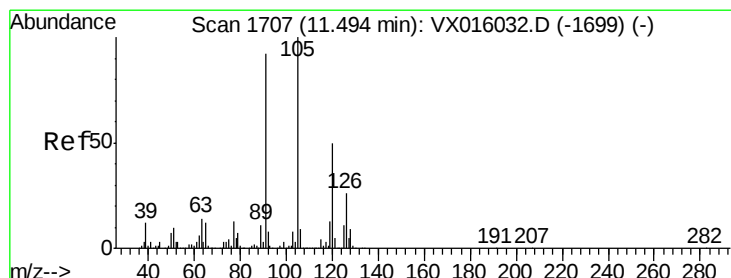
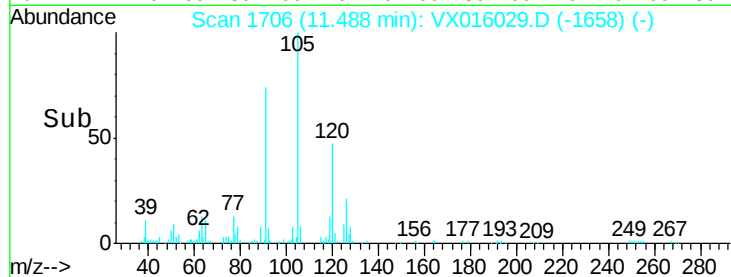
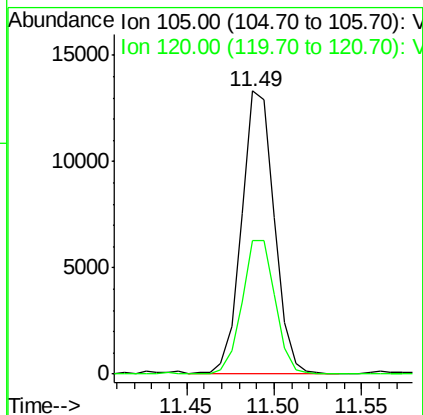
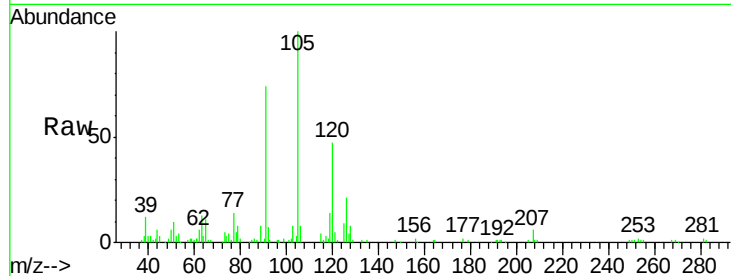
1,3,5-Trimethylbenzene
Concen: 1.094 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.6	74.0

Manual Integrations
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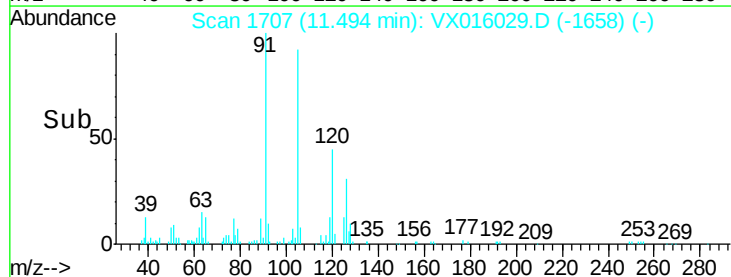
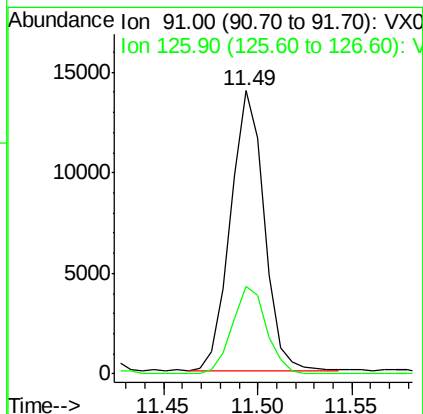
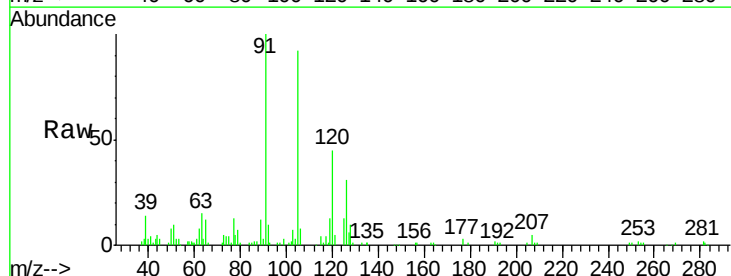
MMDadoda
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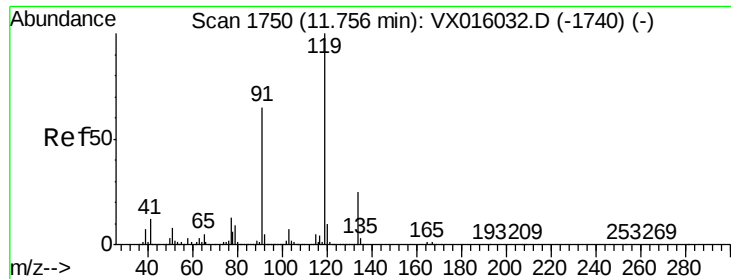


#82

4-Chlorotoluene
Concen: 1.129 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	14.8	44.3





#83

tert-Butylbenzene

Concen: 1.096 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

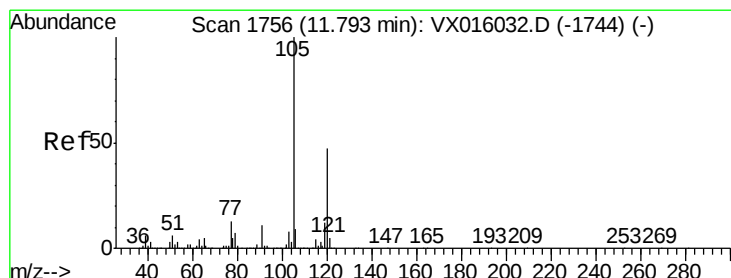
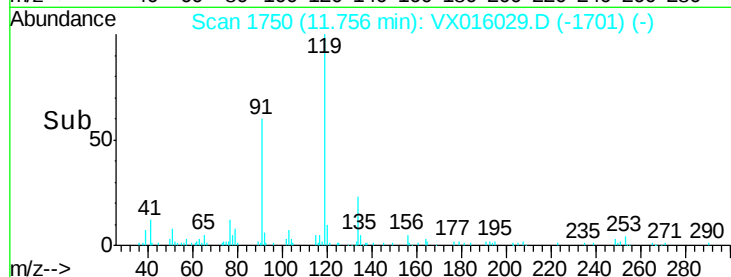
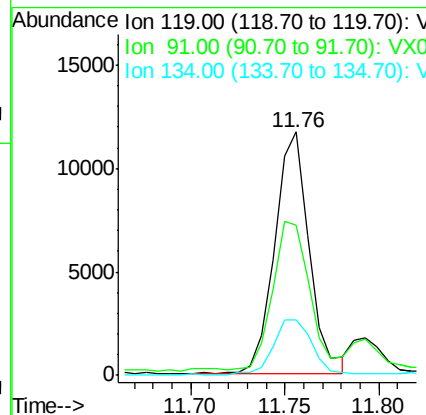
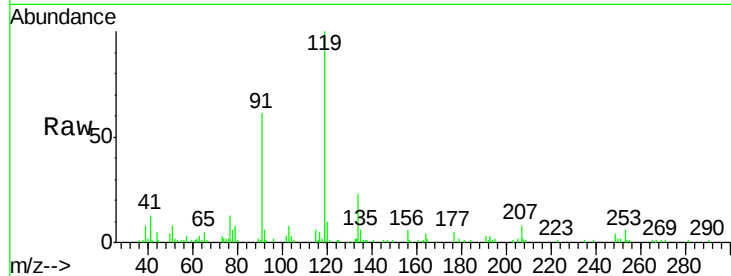
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	14900
Ion Ratio	Lower	Upper	
119	100		
91	63.8	32.8	98.4
134	26.4	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 1.100 ug/l

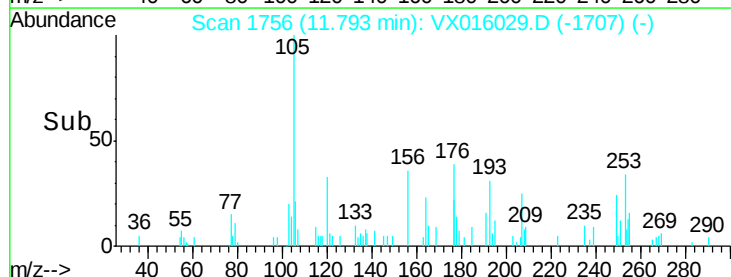
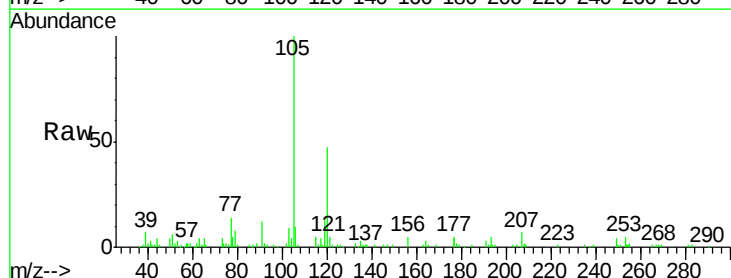
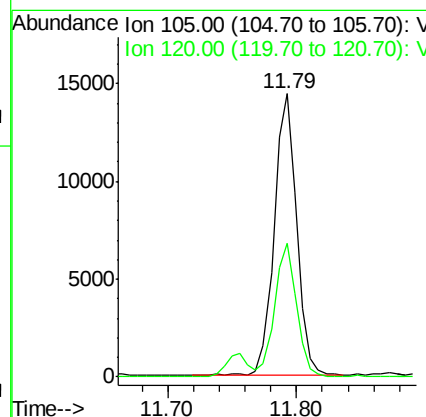
RT: 11.79 min Scan# 1756

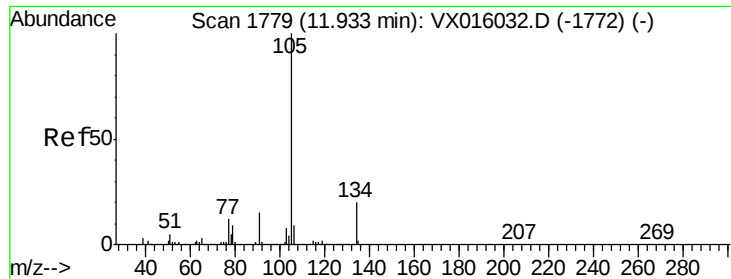
Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Tgt Ion:	105	Resp:	17589
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 1.116 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 20562

Ion Ratio Lower Upper

105 100

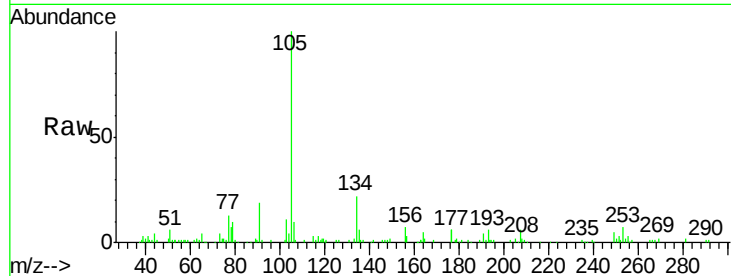
134 20.4 10.1 30.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

15000

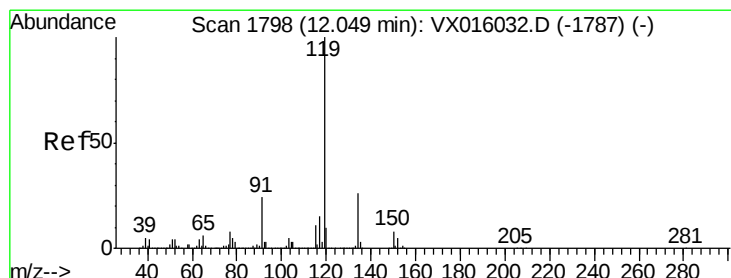
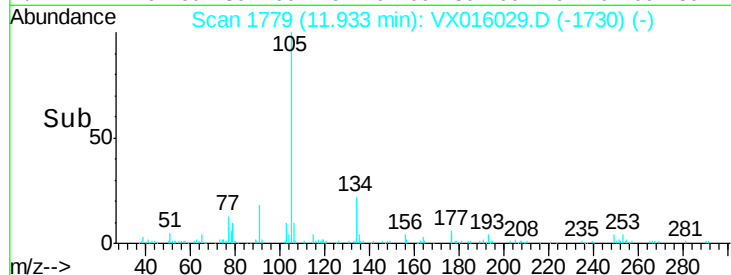
10000

5000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 1.097 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016029.D

Acq: 04 May 2020 11:39

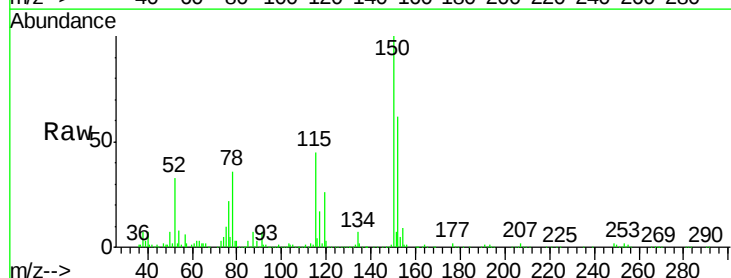
Tgt Ion:119 Resp: 18696

Ion Ratio Lower Upper

119 100

134 30.7 13.1 39.3

91 28.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

20000

15000

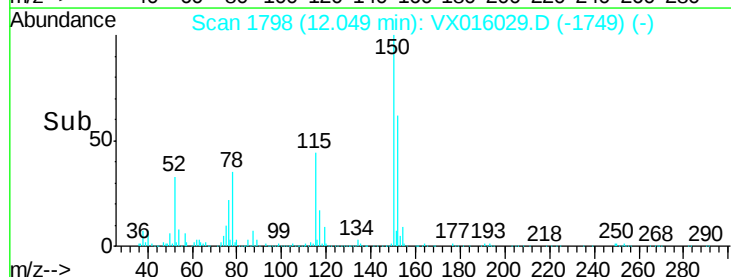
10000

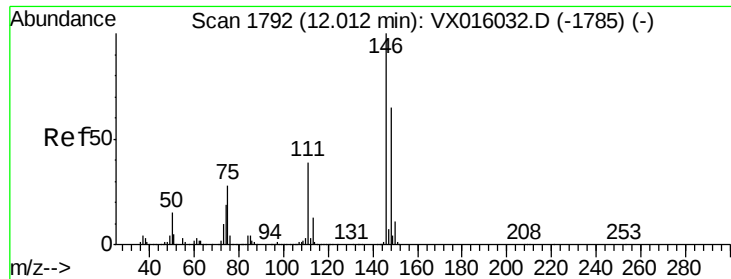
5000

0

Time-->

12.00 12.05 12.10





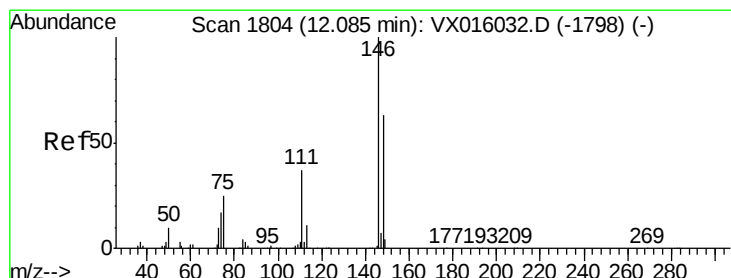
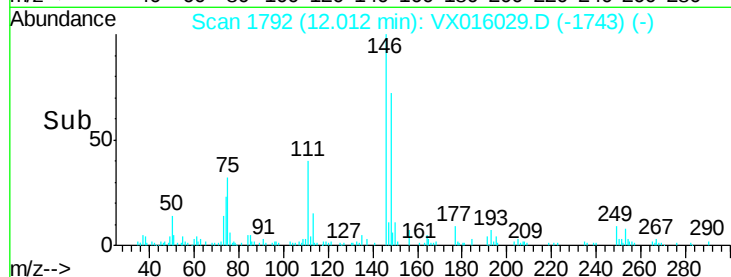
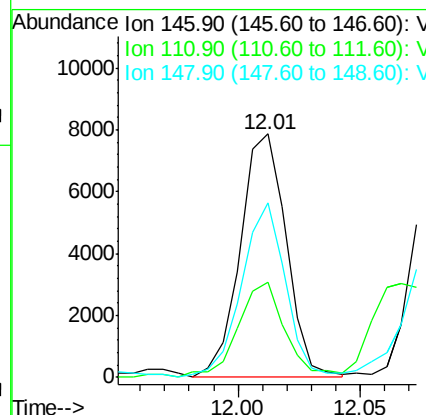
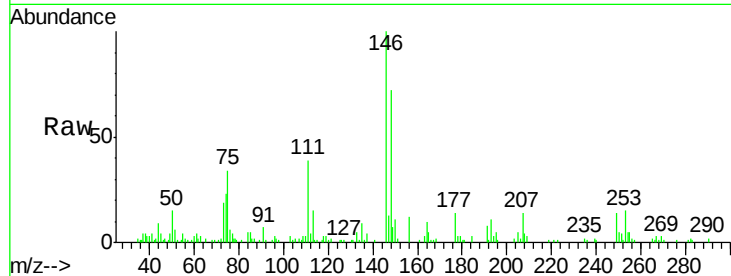
#87
 1,3-Dichlorobenzene
 Concen: 1.171 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	68.6	32.1	96.3

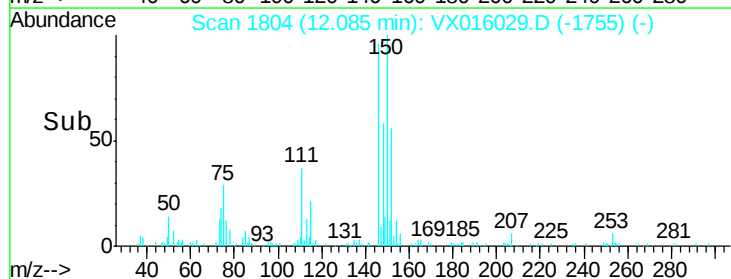
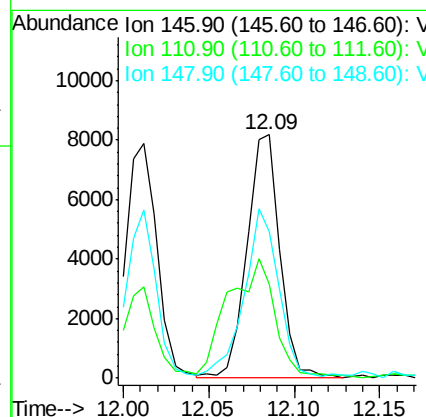
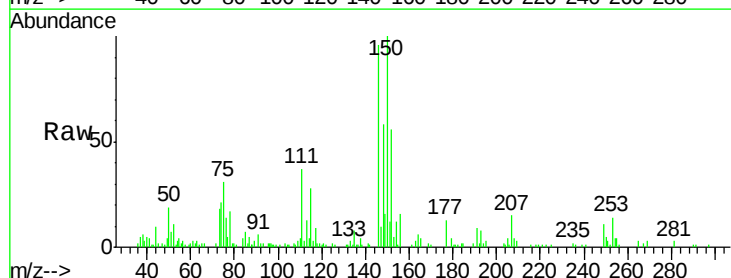
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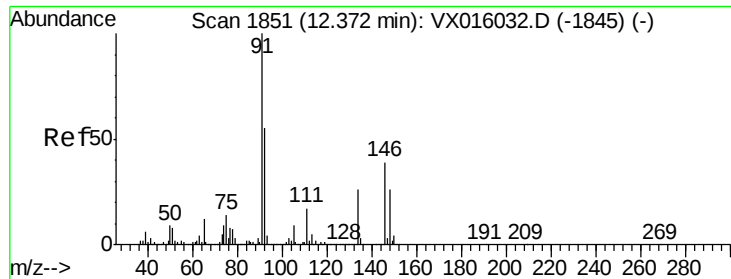
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#88
 1,4-Dichlorobenzene
 Concen: 1.246 ug/l m
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	64.4	31.8	95.3





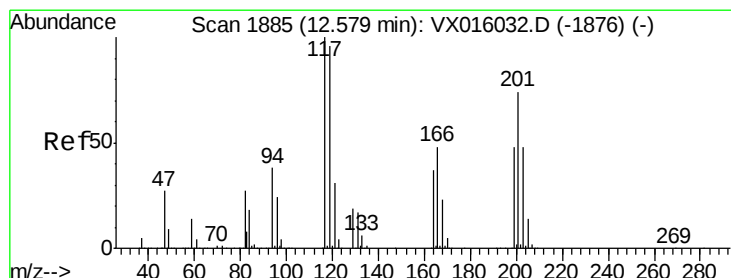
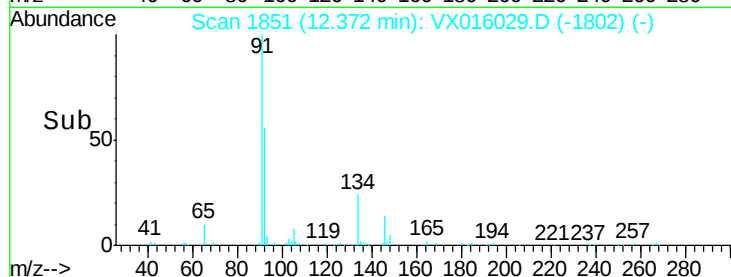
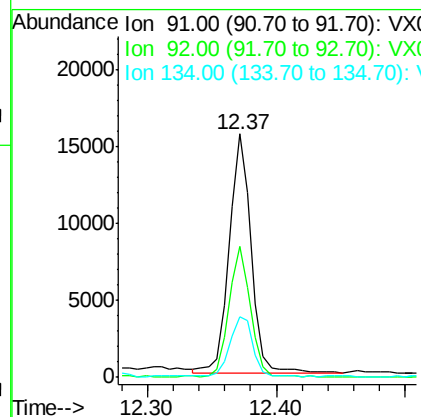
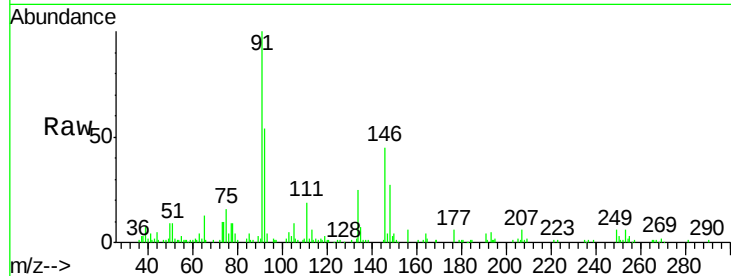
#89
n-Butylbenzene
Concen: 1.197 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	28.0	13.4	40.1

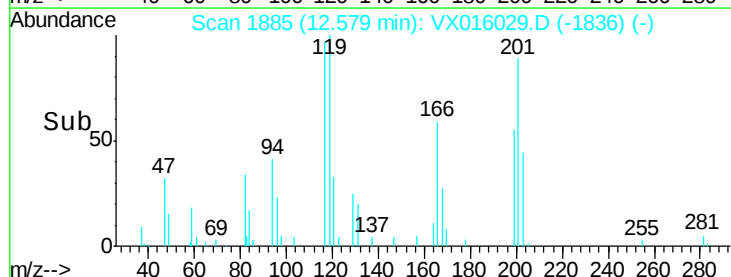
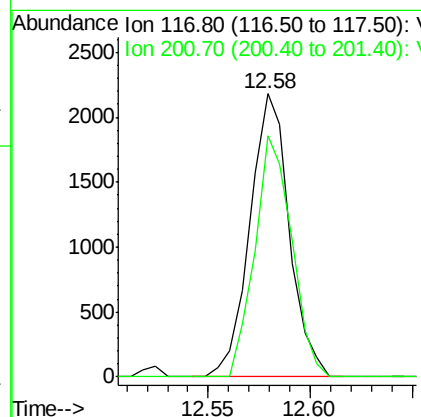
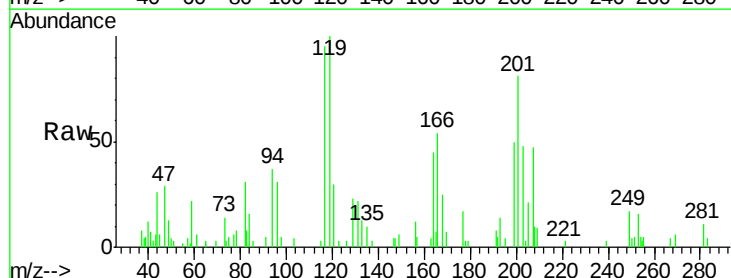
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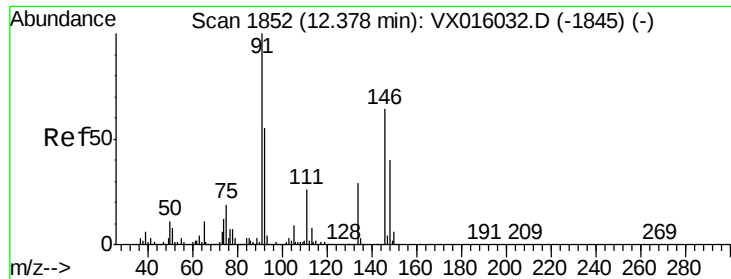
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#90
Hexachloroethane
Concen: 1.031 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	39.8	119.3





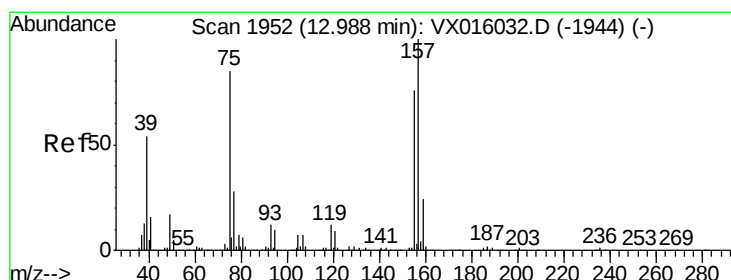
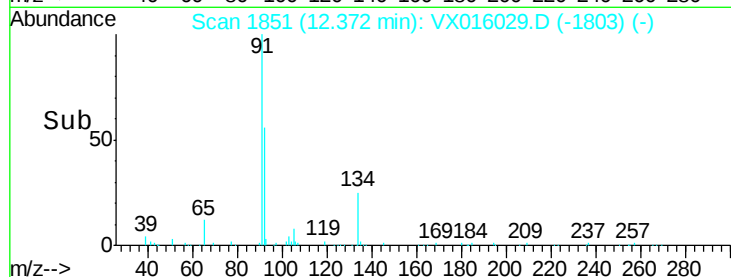
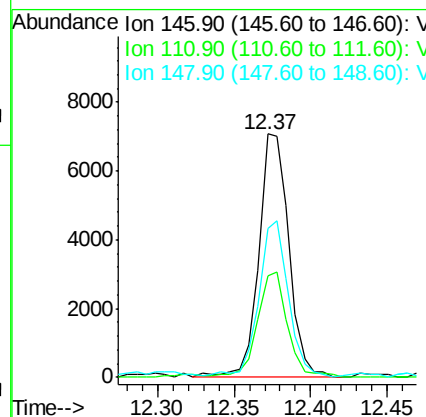
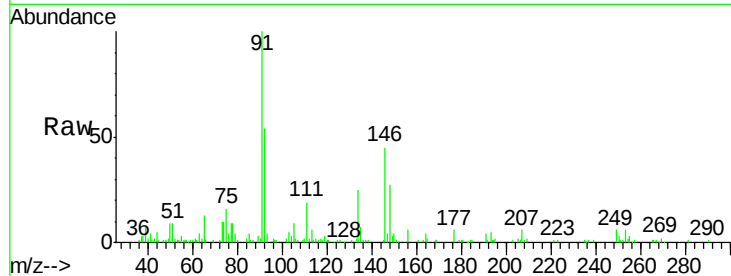
#91
 1,2-Dichlorobenzene
 Concen: 1.151 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.1
148	63.8	32.4	97.0

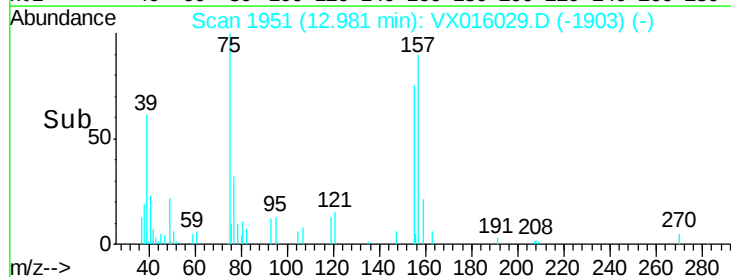
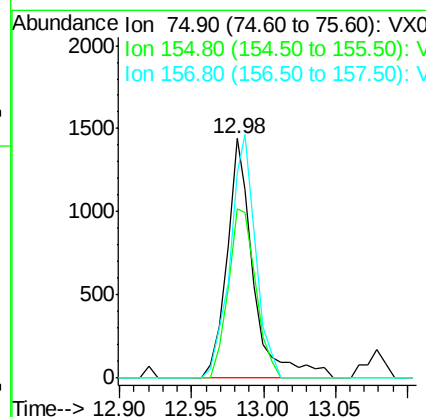
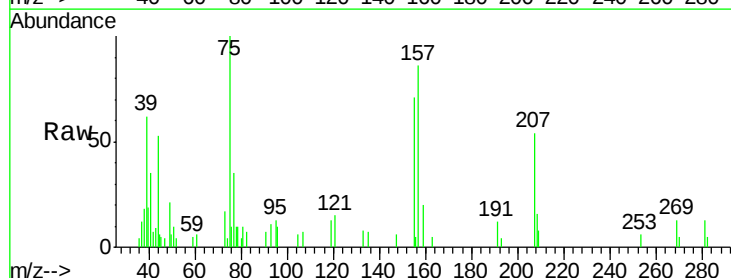
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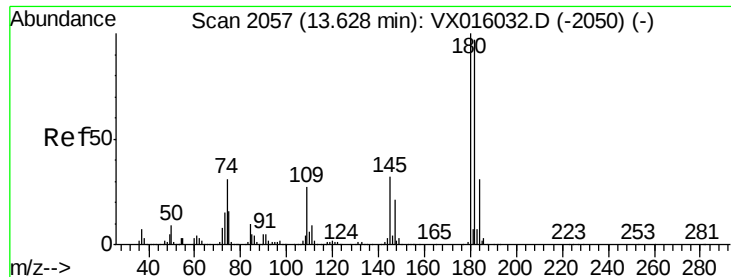
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.220 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.5	42.5	127.5
157	97.9	55.3	165.8





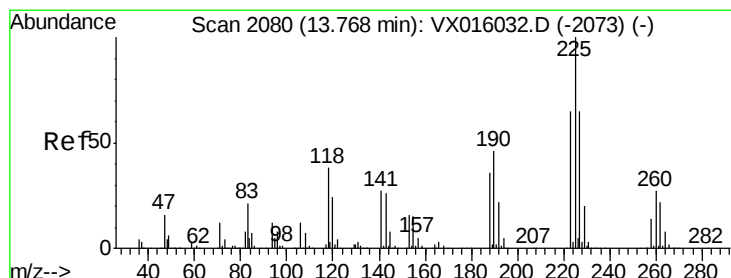
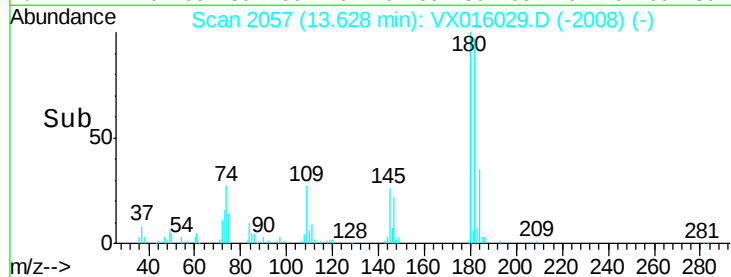
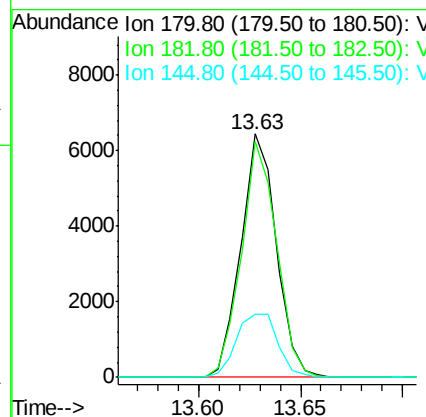
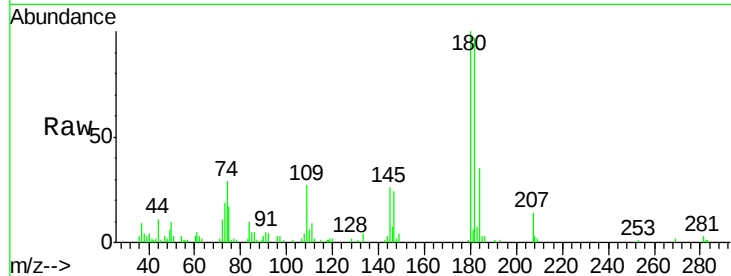
#93
 1,2,4-Trichlorobenzene
 Concen: 1.247 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.7	146.1
145	30.4	15.7	47.1

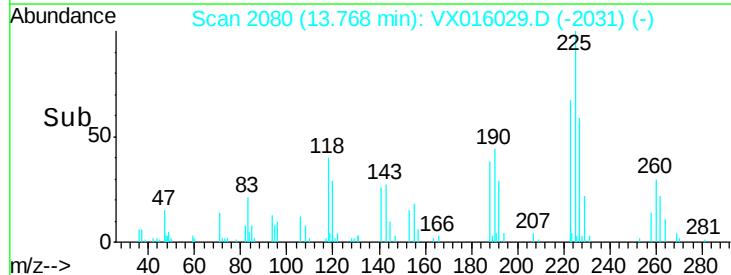
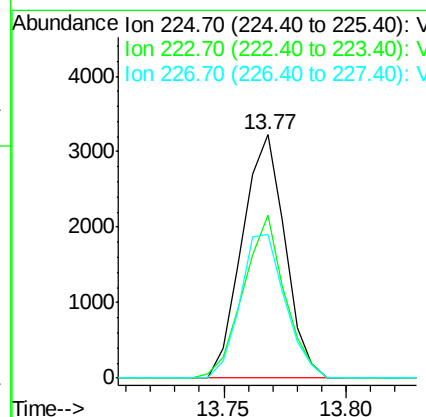
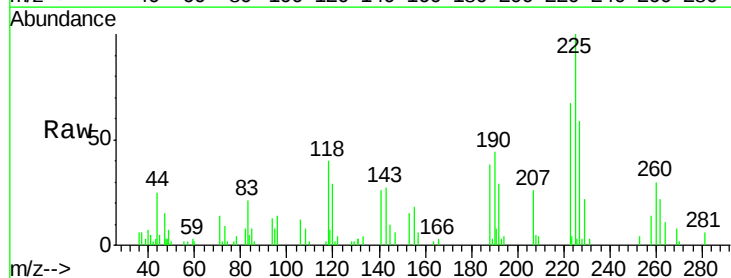
Manual Integrations
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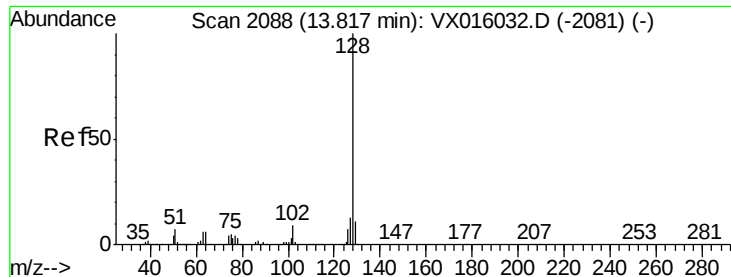
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#94
 Hexachlorobutadiene
 Concen: 1.345 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016029.D
 Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.3	96.9
227	61.9	31.8	95.4





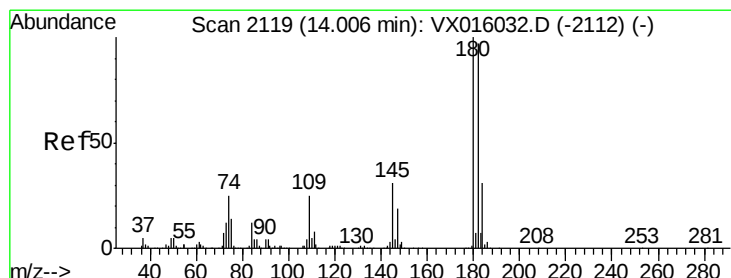
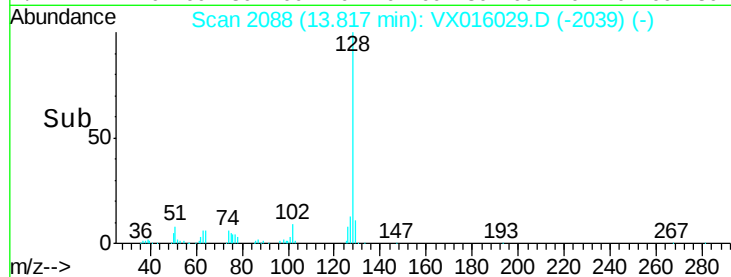
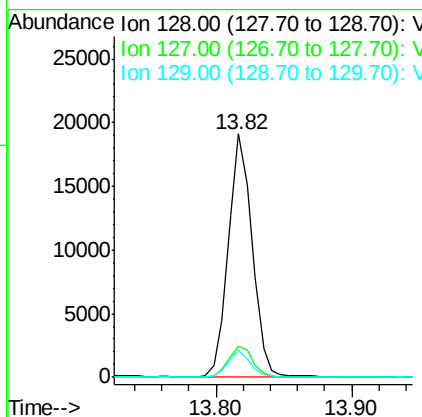
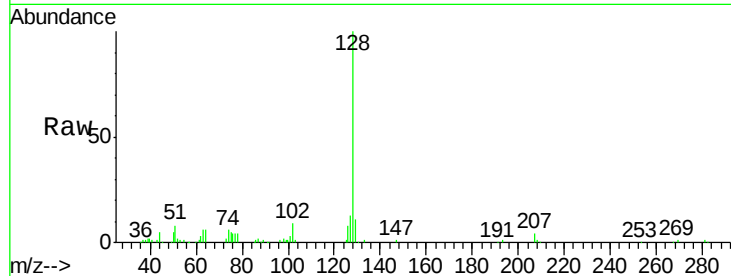
#95
Naphthalene
Concen: 1.165 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.5	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 1.211 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016029.D
Acq: 04 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	48.4	145.0
145	32.7	16.4	49.1

