

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016961.D
 Acq On : 25 Jun 2020 18:29
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:14 PM

Quant Time: Jun 26 08:24:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	203117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	349933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	319919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	150073	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	1928	0.898 ug/l	94
3) Chloromethane	1.32	50	2394	1.029 ug/l	92
4) Vinyl Chloride	1.39	62	2637	0.923 ug/l	99
6) Chloroethane	1.72	64	1933	1.110 ug/l	92
7) Trichlorofluoromethane	1.92	101	3862	1.083 ug/l #	78
8) Diethyl Ether	2.17	74	1878	1.156 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2378	1.085 ug/l	96
12) 1,1-Dichloroethene	2.36	96	2280	0.999 ug/l	81
14) Allyl chloride	2.71	41	4030	0.988 ug/l	89
15) Acrylonitrile	3.12	53	6828	5.120 ug/l	91
16) Acetone	2.42	43	5965	5.469 ug/l	97
17) Carbon Disulfide	2.55	76	8460	1.210 ug/l #	94
18) Methyl Acetate	2.75	43	3159	0.994 ug/l	99
19) Methyl tert-butyl Ether	3.17	73	7193	0.882 ug/l	97
20) Methylene Chloride	2.84	84	3137	1.188 ug/l #	92
21) trans-1,2-Dichloroethene	3.15	96	2831	1.113 ug/l	87
22) Diisopropyl ether	3.83	45	7149	0.888 ug/l #	96
23) Vinyl Acetate	3.79	43	28393	4.265 ug/l	98
24) 1,1-Dichloroethane	3.67	63	4627	1.013 ug/l #	85
25) 2-Butanone	4.64	43	8286	4.719 ug/l	96
26) 2,2-Dichloropropane	4.56	77	3738	0.938 ug/l	92
27) cis-1,2-Dichloroethene	4.56	96	2932	1.022 ug/l	96
28) Bromochloromethane	4.98	49	2596m	1.284 ug/l	
29) Tetrahydrofuran	5.10	42	5355	4.608 ug/l	93
30) Chloroform	5.18	83	4548	1.004 ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	4070	0.995 ug/l #	46
36) 1,1-Dichloropropene	5.77	75	3646	1.084 ug/l #	90
37) Ethyl Acetate	4.80	43	3474	1.015 ug/l #	85
38) Carbon Tetrachloride	5.76	117	3474	1.099 ug/l #	90
39) Methylcyclohexane	7.44	83	3859	0.960 ug/l	91
40) Benzene	6.11	78	9670	0.989 ug/l	100
41) Methacrylonitrile	5.00	41	2027	1.051 ug/l #	94
42) 1,2-Dichloroethane	6.16	62	3750	1.071 ug/l	90
43) Isopropyl Acetate	6.42	43	5973	1.063 ug/l #	90

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Manual Integrations
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	2766	0.939	ug/l	100
45) 1,2-Dichloropropane	7.49	63	2842	1.131	ug/l #	82
46) Dibromomethane	7.64	93	1703	1.011	ug/l	87
47) Bromodichloromethane	7.87	83	3668	1.063	ug/l	92
48) Methyl methacrylate	7.75	41	2623	0.950	ug/l	95
49) 1,4-Dioxane	7.73	88	1301	21.574	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	14108	4.286	ug/l	99
52) Toluene	8.76	92	5709	0.922	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	3446	0.843	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	3981	0.932	ug/l #	84
55) 1,1,2-Trichloroethane	9.20	97	2365	0.956	ug/l #	91
56) Ethyl methacrylate	9.16	69	2947	0.744	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	4122	0.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	7719	3.917	ug/l	94
59) 2-Hexanone	9.48	43	11108	4.450	ug/l	100
60) Dibromochloromethane	9.57	129	2741	1.091	ug/l	90
61) 1,2-Dibromoethane	9.65	107	2620	1.019	ug/l	91
64) Tetrachloroethene	9.32	164	2139	0.709	ug/l	87
65) Chlorobenzene	10.12	112	6484	1.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	2163	0.947	ug/l #	61
67) Ethyl Benzene	10.23	91	10382	0.884	ug/l	100
68) m/p-Xylenes	10.34	106	7310	1.695	ug/l	98
69) o-Xylene	10.68	106	3450	0.823	ug/l	98
70) Styrene	10.70	104	5360	0.743	ug/l	96
71) Bromoform	10.84	173	1635	1.023	ug/l #	94
73) Isopropylbenzene	11.00	105	8795	0.797	ug/l	94
74) N-amyl acetate	10.88	43	3710	0.760	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.25	83	3479	1.309	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	2620m	0.814	ug/l	
77) Bromobenzene	11.24	156	2747	1.078	ug/l	90
78) n-propylbenzene	11.34	91	10884	0.834	ug/l	99
79) 2-Chlorotoluene	11.40	91	6779	0.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	6834	0.729	ug/l	94
82) 4-Chlorotoluene	11.49	91	7610	0.828	ug/l	92
83) tert-Butylbenzene	11.76	119	7186	0.888	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	6935	0.720	ug/l	98
85) sec-Butylbenzene	11.93	105	8034	0.744	ug/l	99
86) p-Isopropyltoluene	12.05	119	7309	0.742	ug/l	83
87) 1,3-Dichlorobenzene	12.01	146	4934	1.053	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	5207m	1.080	ug/l	
89) n-Butylbenzene	12.37	91	7992	0.864	ug/l	94
90) Hexachloroethane	12.58	117	1903	1.187	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	4622	1.027	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	807	1.008	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	3148	1.078	ug/l	93
94) Hexachlorobutadiene	13.77	225	1220	1.183	ug/l	98
95) Naphthalene	13.82	128	8546	0.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	2751	0.992	ug/l	97

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ClientSampleId :
VSTDICC001

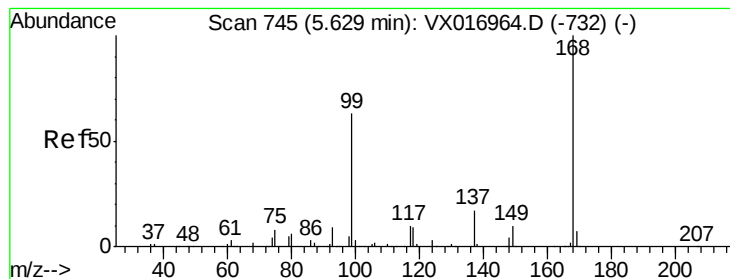
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 203117

Ion Ratio Lower Upper

168 100

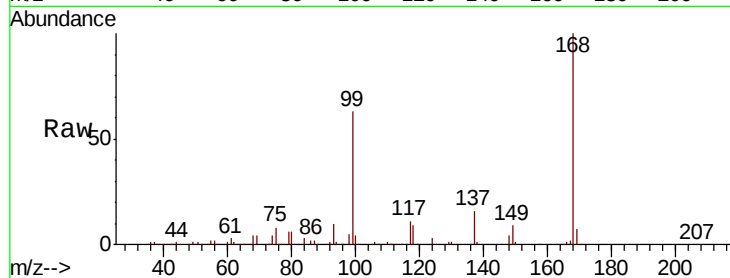
99 62.9 50.2 75.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

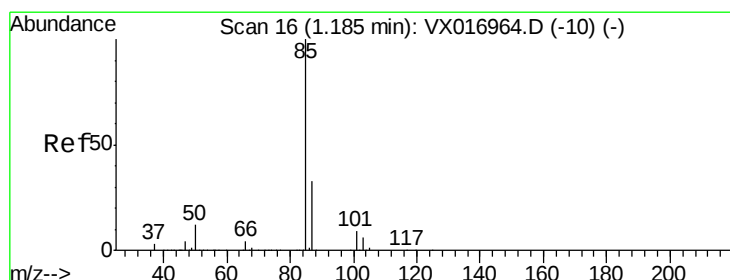
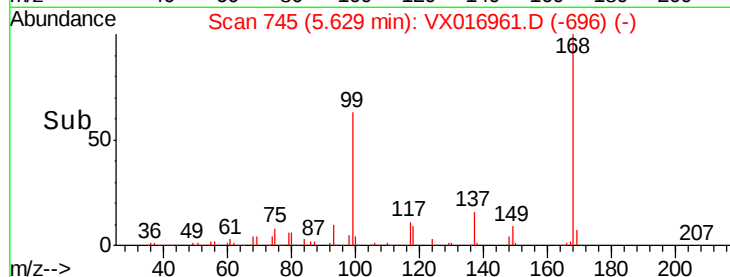
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.898 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016961.D

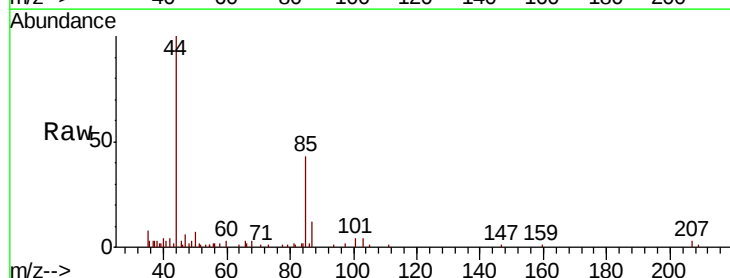
Acq: 25 Jun 2020 18:29

Tgt Ion: 85 Resp: 1928

Ion Ratio Lower Upper

85 100

87 29.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2000

1500

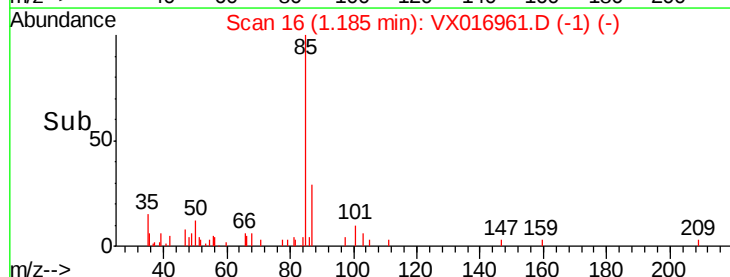
1000

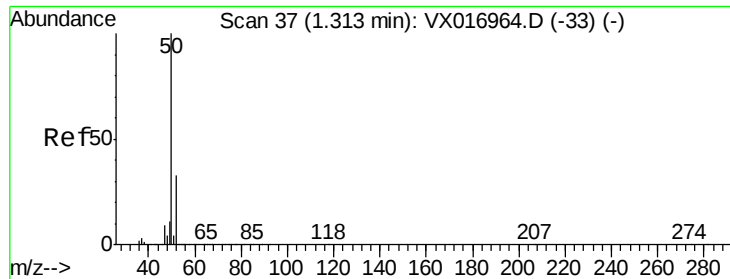
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 1.029 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2394

Ion Ratio Lower Upper

50 100

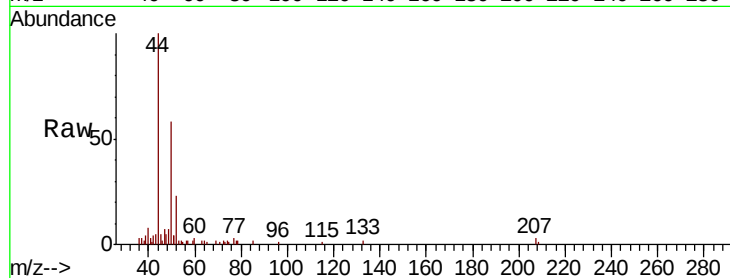
52 37.6 26.6 40.0

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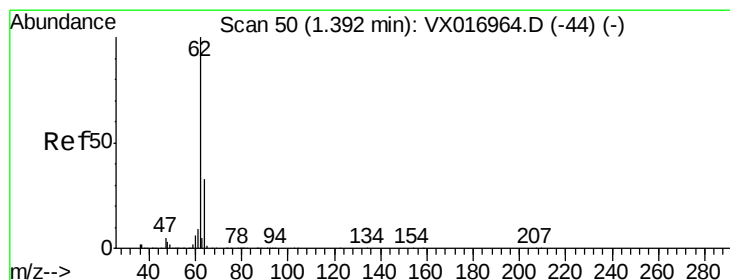
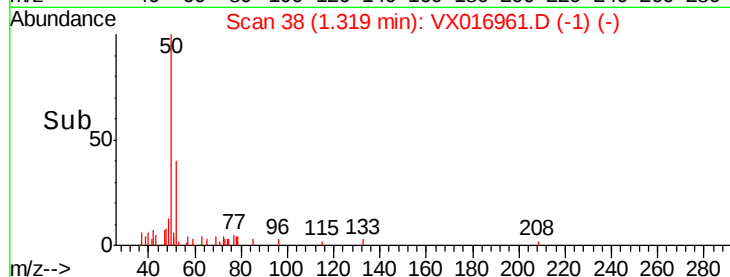
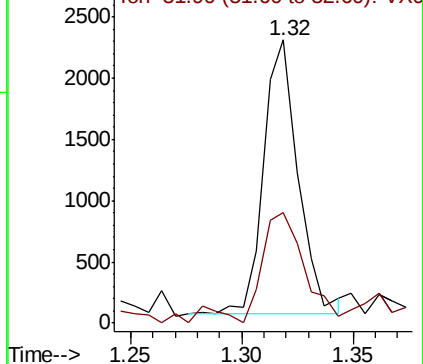
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.923 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016961.D

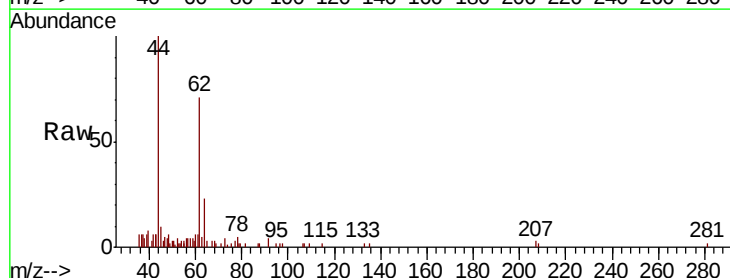
Acq: 25 Jun 2020 18:29

Tgt Ion: 62 Resp: 2637

Ion Ratio Lower Upper

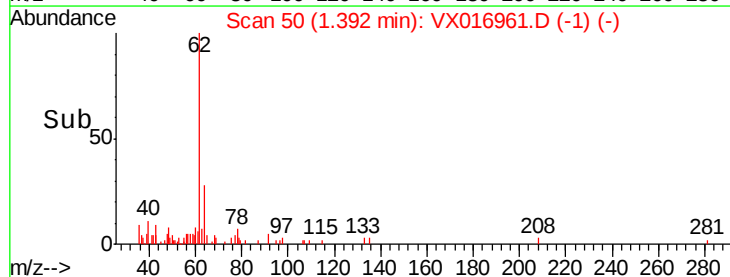
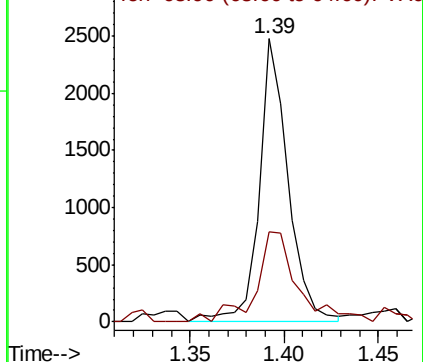
62 100

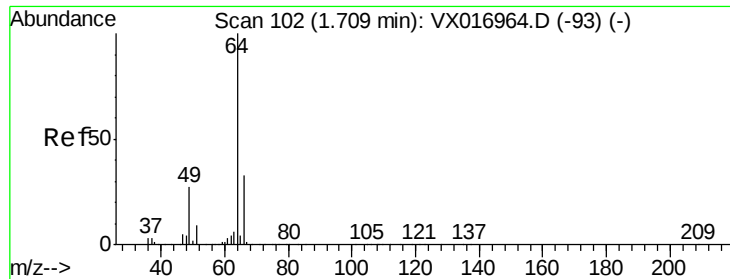
64 32.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.110 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1933

Ion Ratio Lower Upper

64 100

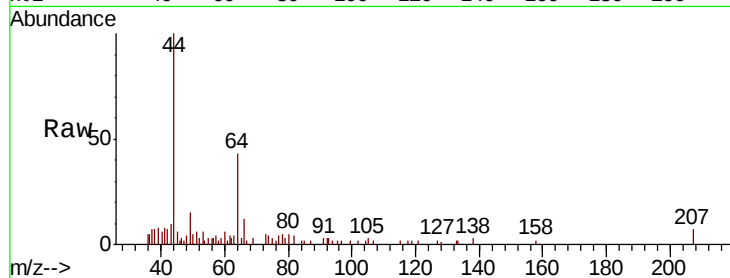
66 28.4 26.2 39.2

Manual Integrations

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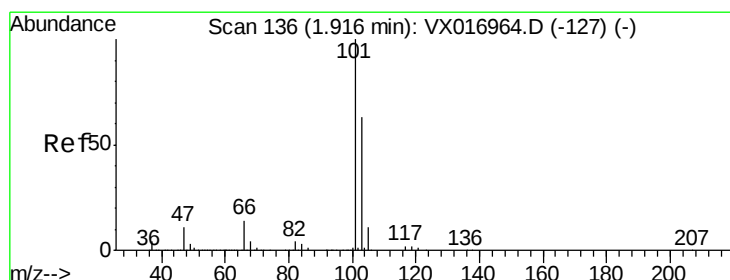
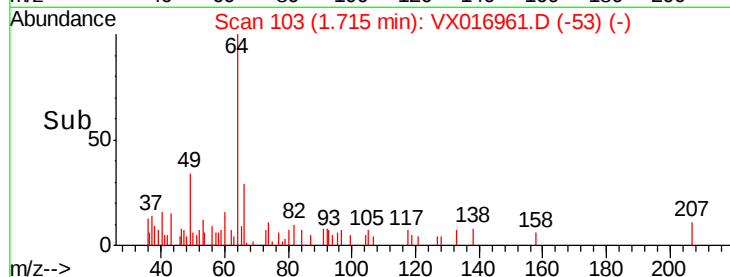
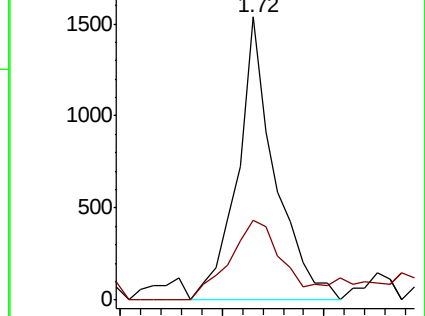
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Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#7

Trichlorofluoromethane

Concen: 1.083 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX016961.D

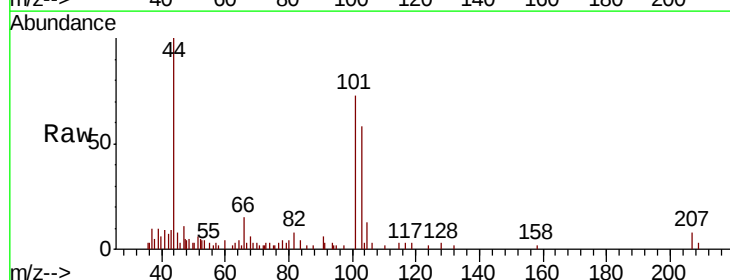
Acq: 25 Jun 2020 18:29

Tgt Ion: 101 Resp: 3862

Ion Ratio Lower Upper

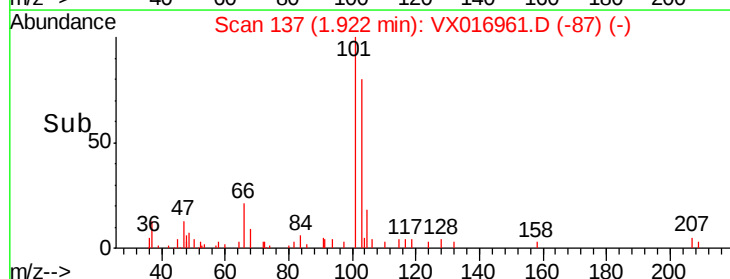
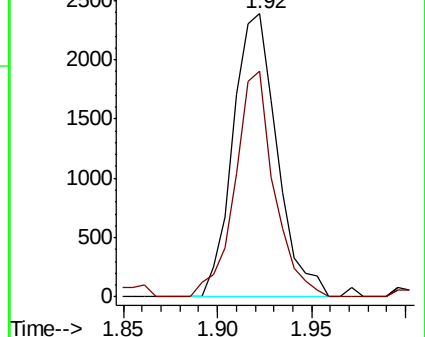
101 100

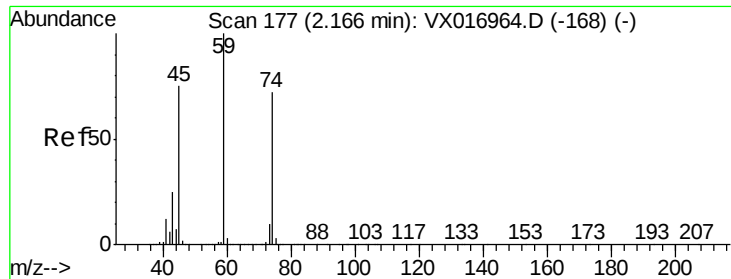
103 79.8 50.2 75.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.156 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1878

Ion Ratio Lower Upper

74 100

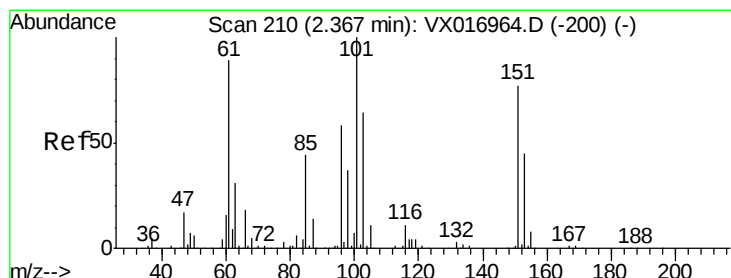
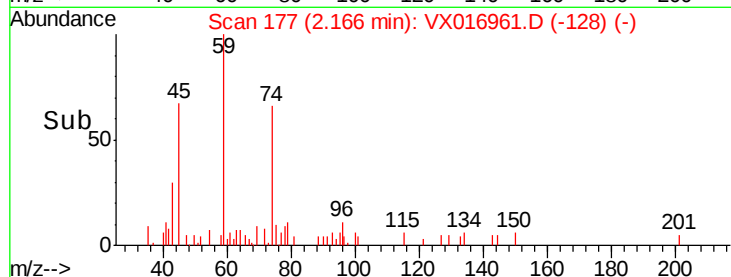
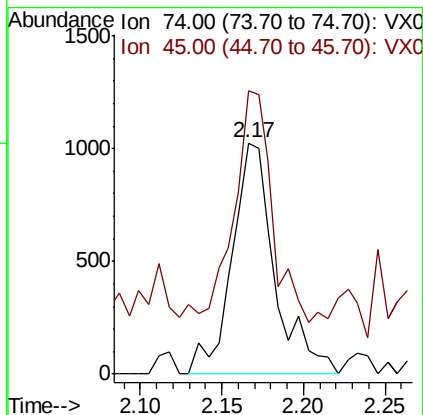
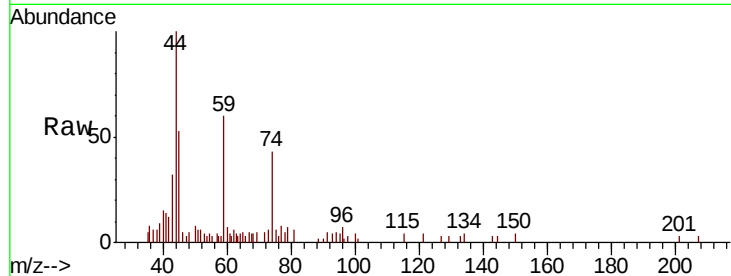
45 87.0 50.5 151.5

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.085 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

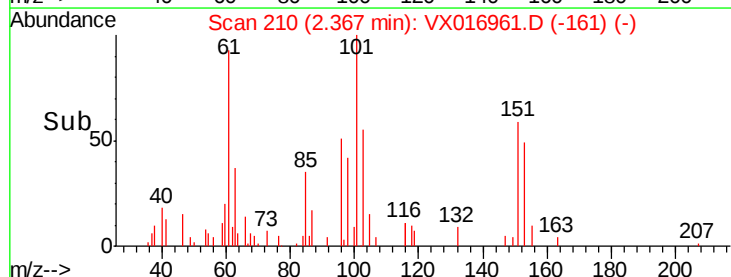
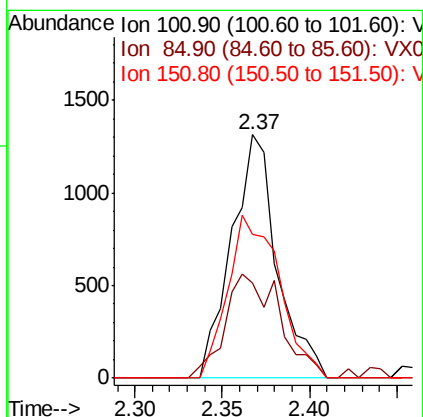
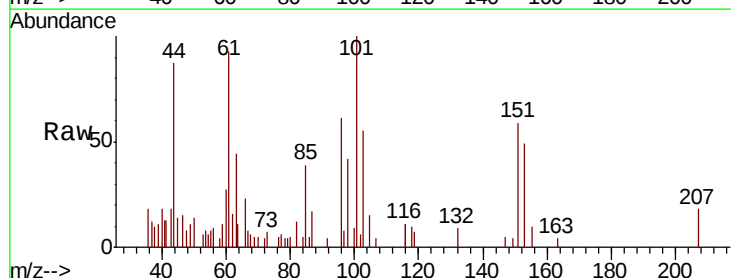
Tgt Ion: 101 Resp: 2378

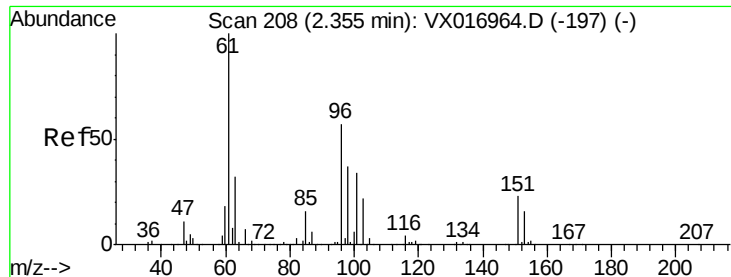
Ion Ratio Lower Upper

101 100

85 51.4 36.8 55.2

151 76.0 59.8 89.6





#12

1,1-Dichloroethene

Concen: 0.999 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

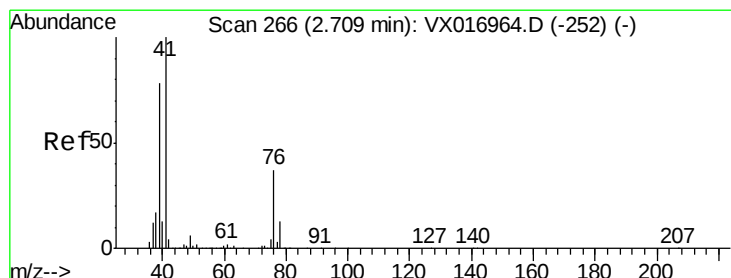
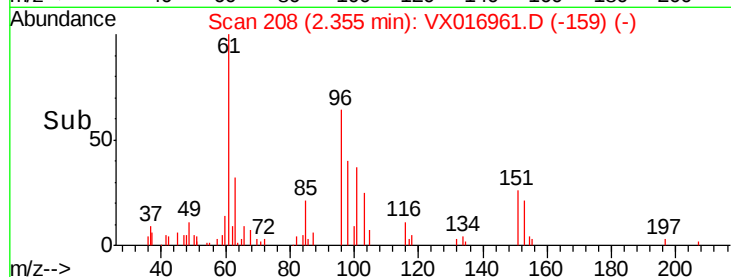
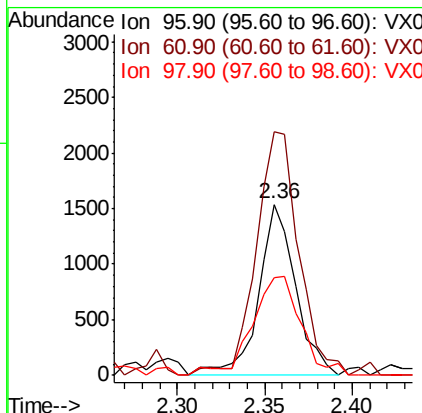
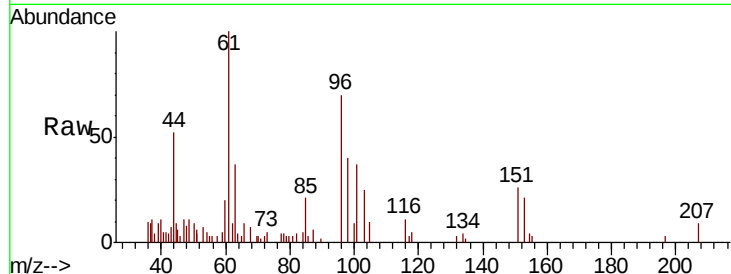
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2280
Ion	Ratio	Lower	Upper
96	100		
61	142.6	139.7	209.5
98	57.0	51.0	76.6

Manual Integrations
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#14

Allyl chloride

Concen: 0.988 ug/l

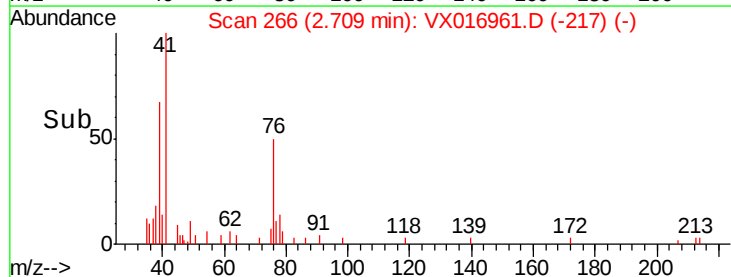
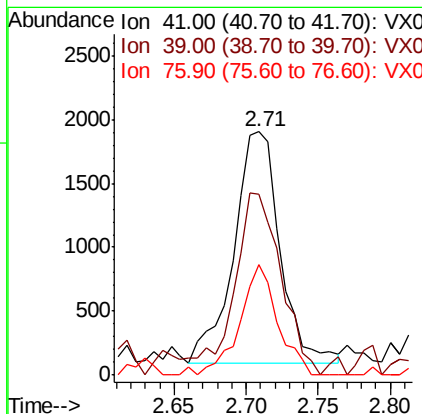
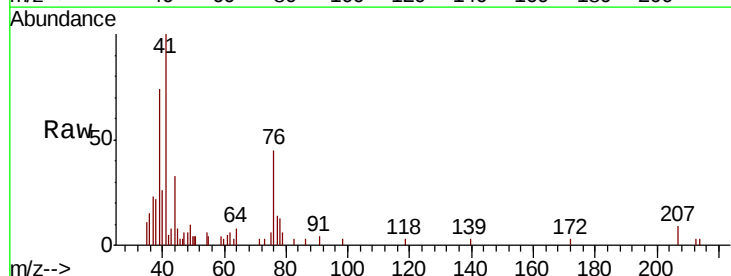
RT: 2.71 min Scan# 266

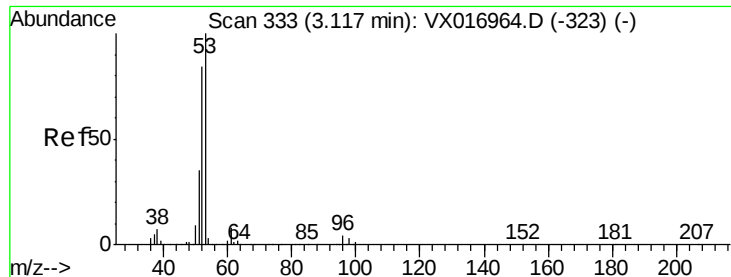
Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	41	Resp:	4030
Ion	Ratio	Lower	Upper
41	100		
39	79.4	56.4	84.6
76	39.4	26.5	39.7





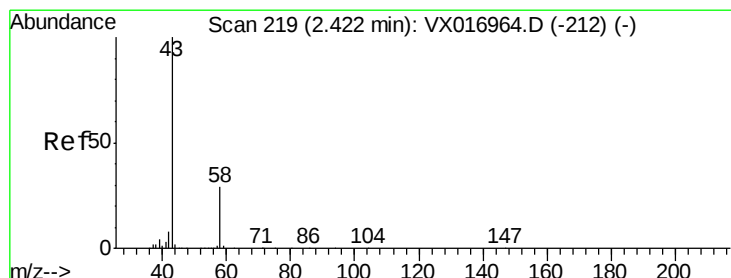
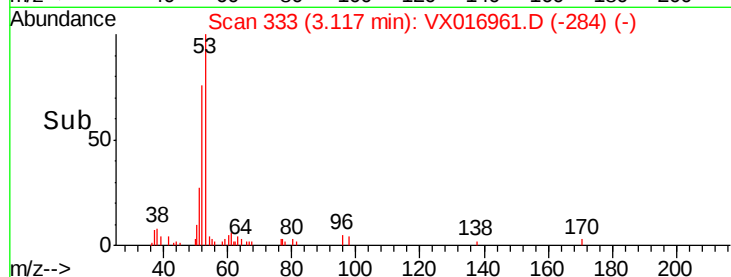
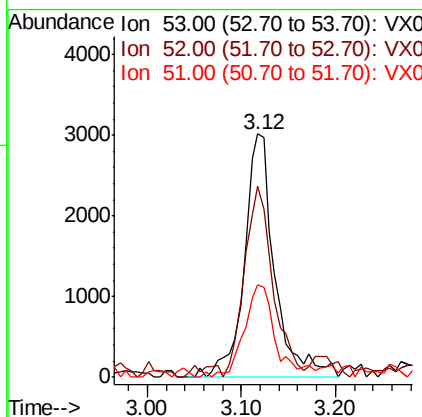
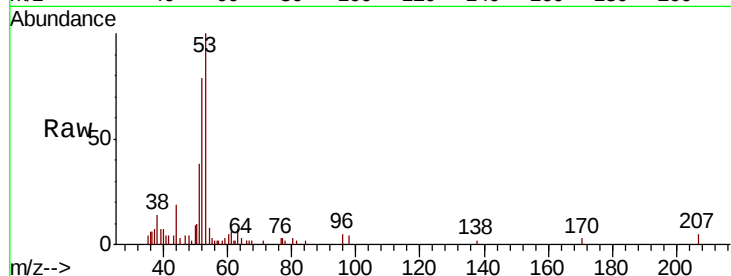
#15
 Acrylonitrile
 Concen: 5.120 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	53	Resp:	6828
Ion	Ratio	Lower	Upper
53	100		
52	73.7	66.3	99.5
51	39.6	29.0	43.6

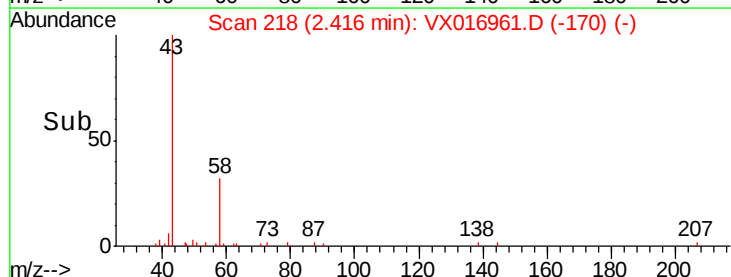
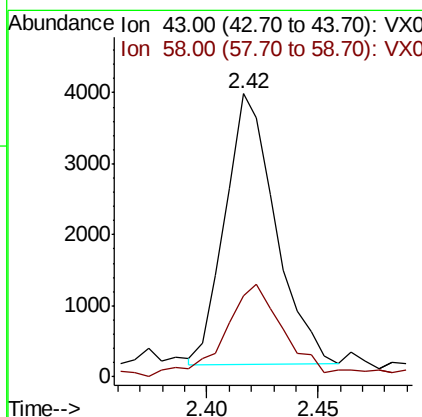
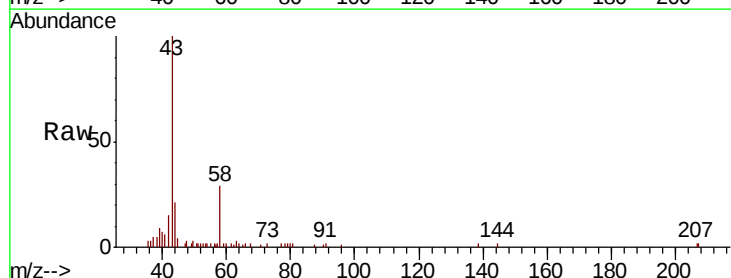
Manual Integrations
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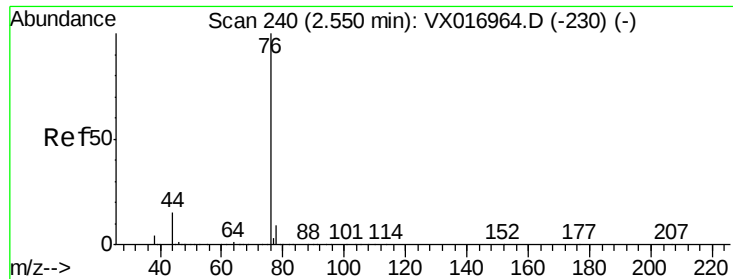
MMDadoda
 6/29/2020 12:32:14 PM



#16
 Acetone
 Concen: 5.469 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion:	43	Resp:	5965
Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.5	35.3





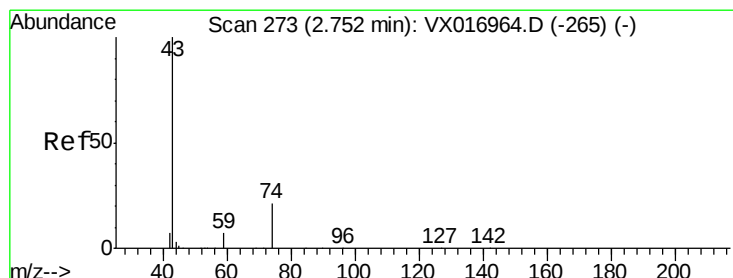
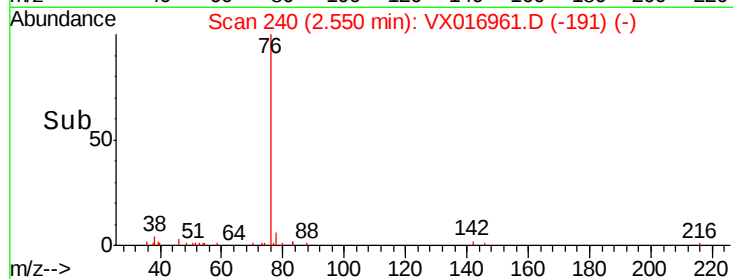
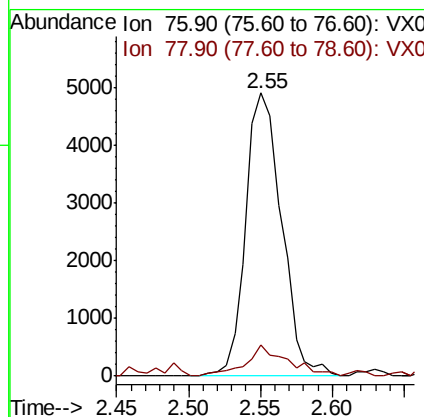
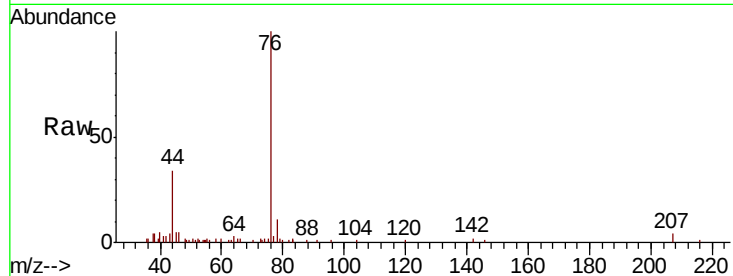
#17
Carbon Disulfide
Concen: 1.210 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.0	10.4#

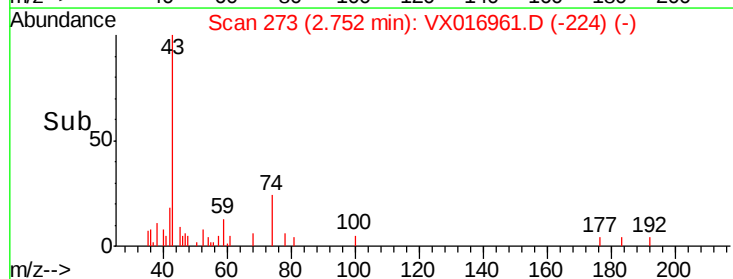
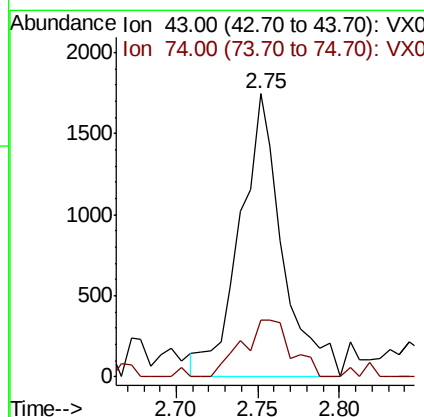
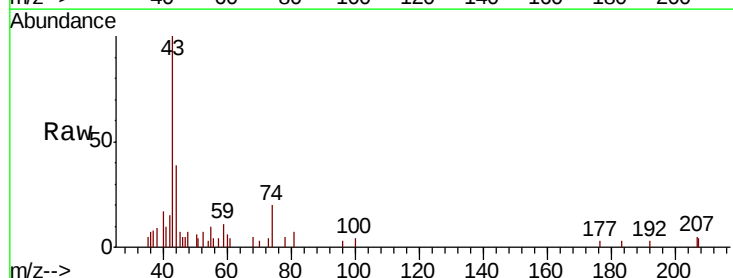
Manual Integrations
APPROVED

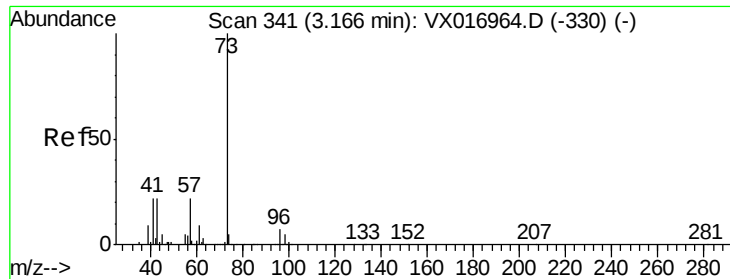
MMDadoda
6/29/2020 12:32:14 PM



#18
Methyl Acetate
Concen: 0.994 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.3	27.5





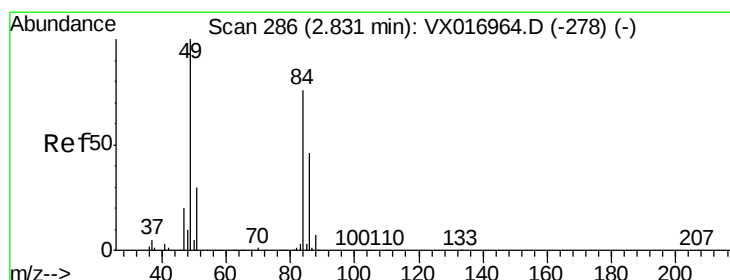
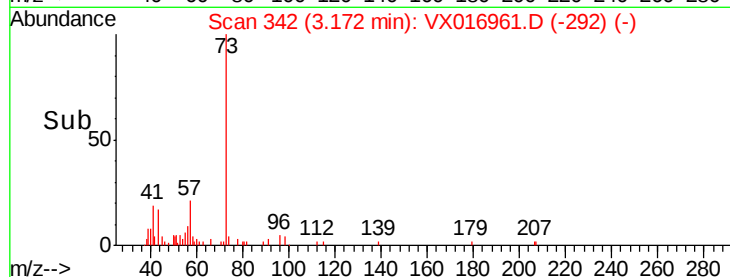
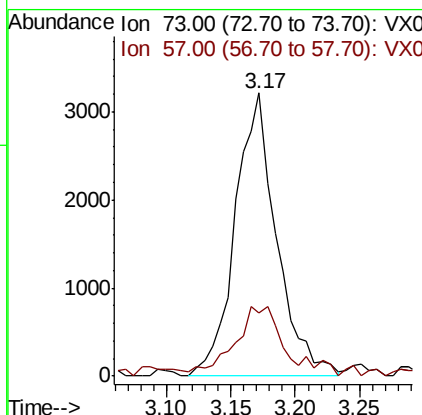
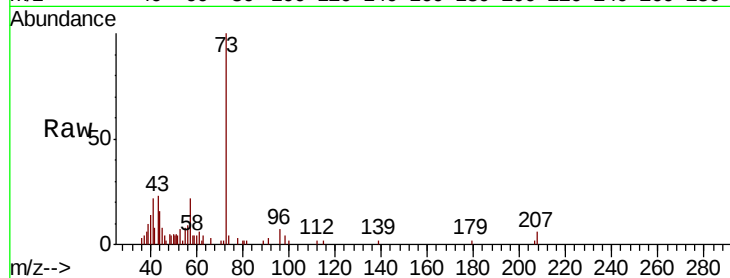
#19
Methvl tert-butvl Ether
Concen: 0.882 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.8	26.8

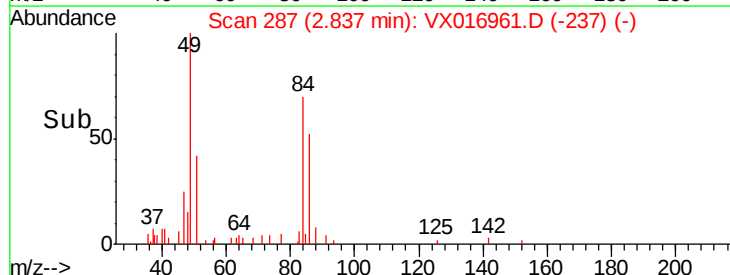
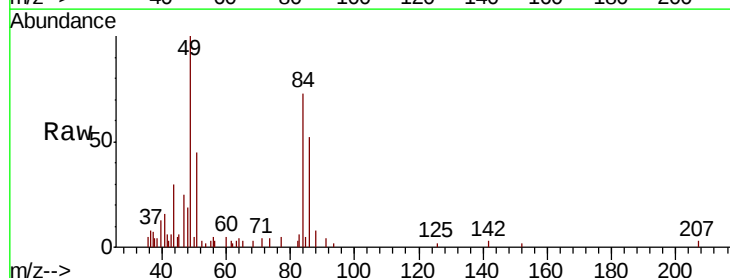
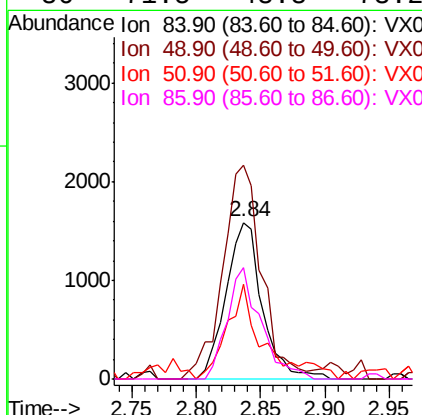
Manual Integrations
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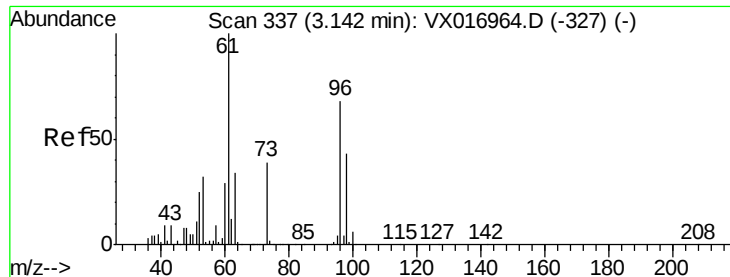
MMDadoda
6/29/2020 12:32:14 PM



#20
Methylene Chloride
Concen: 1.188 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.2	105.6	158.4
51	54.7	31.2	46.8#
86	71.5	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 1.113 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

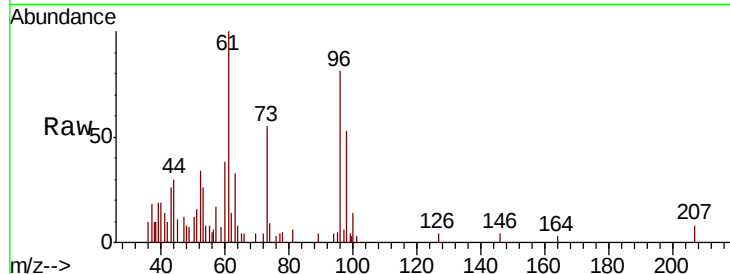
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2831
Ion	Ratio	Lower	Upper
96	100		
61	124.0	116.7	175.1
98	66.2	50.7	76.1

Manual Integrations
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MMDadoda
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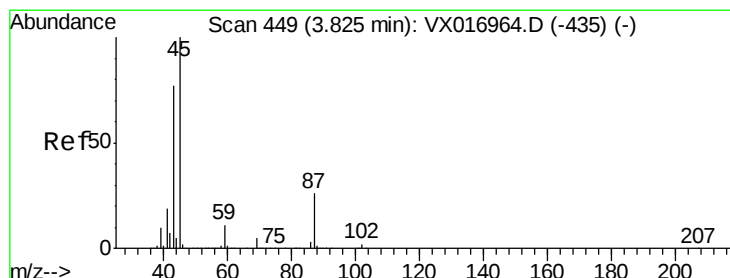
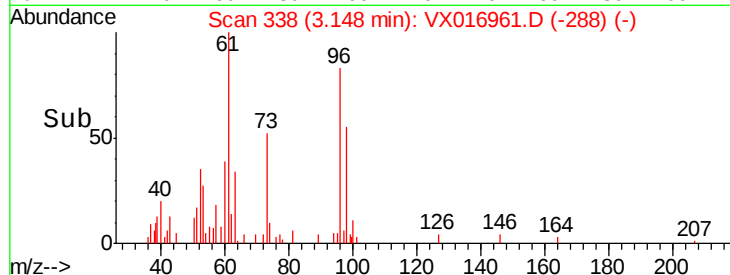
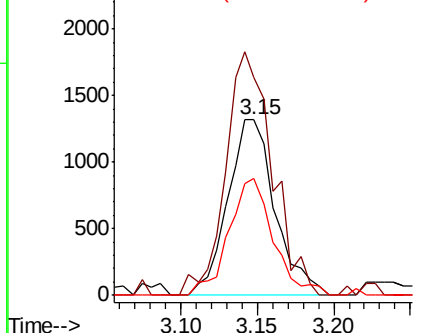


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.888 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	45	Resp:	7149
Ion	Ratio	Lower	Upper
45	100		
43	75.0	62.7	94.1
87	24.1	21.0	31.4
59	13.7	9.0	13.6#

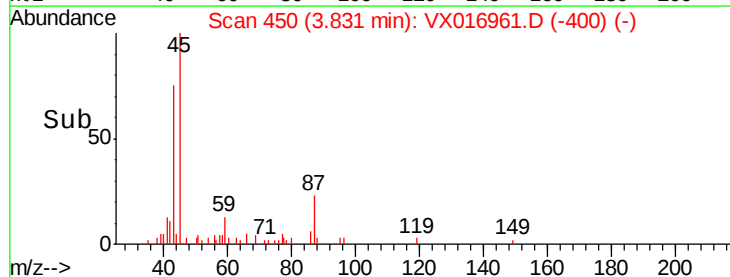
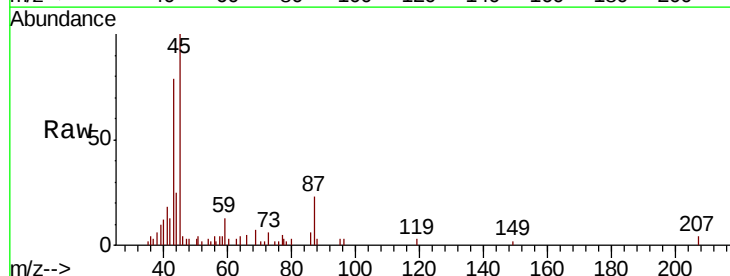
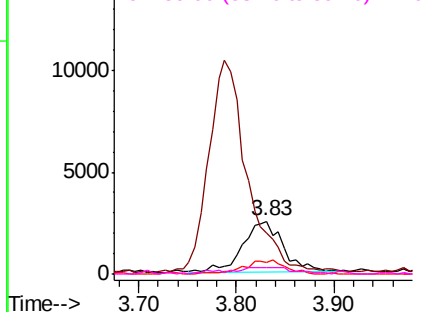
Abundance

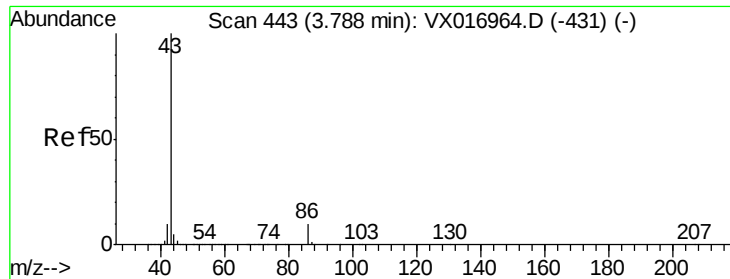
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.265 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 28393

Ion Ratio Lower Upper

43 100

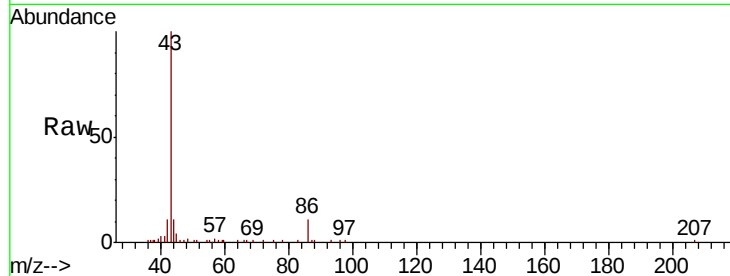
86 10.8 8.2 12.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

12000

10000

8000

6000

4000

2000

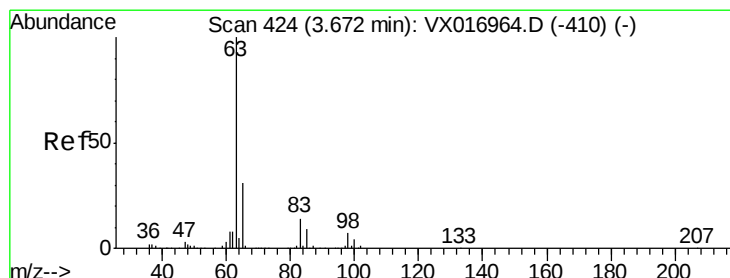
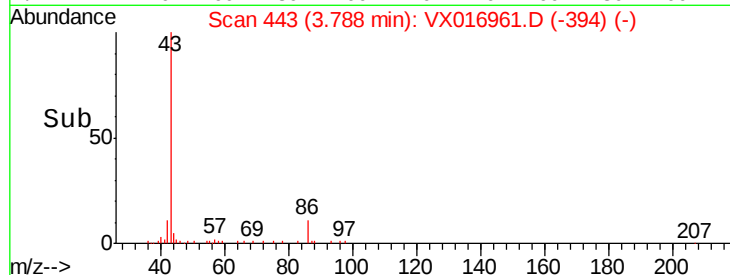
0

3.70

3.80

3.90

Time-->



#24

1,1-Dichloroethane

Concen: 1.013 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

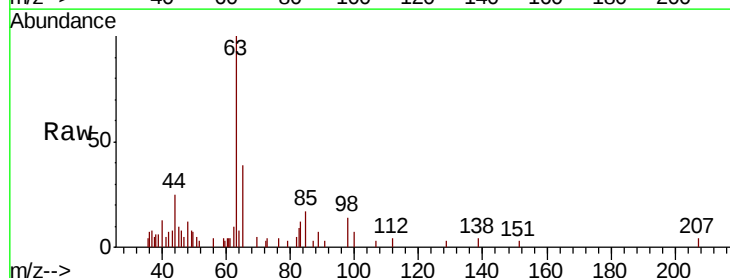
Tgt Ion: 63 Resp: 4627

Ion Ratio Lower Upper

63 100

98 13.6 3.6 10.8#

100 7.2 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2000

1500

1000

500

0

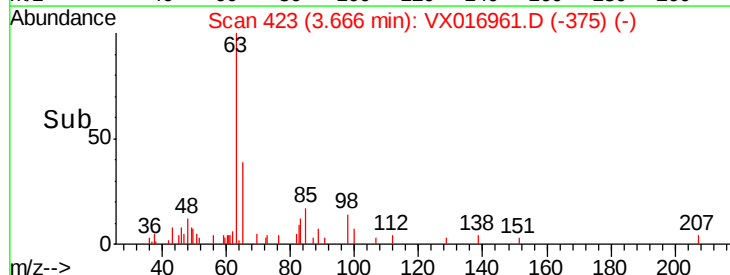
3.60

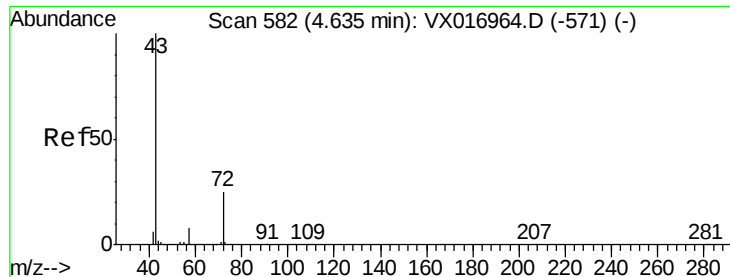
3.65

3.70

3.75

Time-->





#25

2-Butanone

Concen: 4.719 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 8286

Ion Ratio Lower Upper

43 100

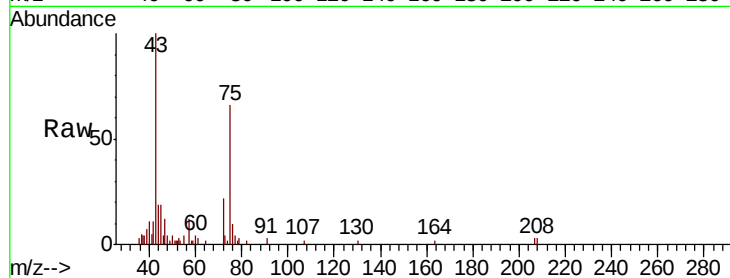
72 22.8 20.0 30.0

Manual Integrations

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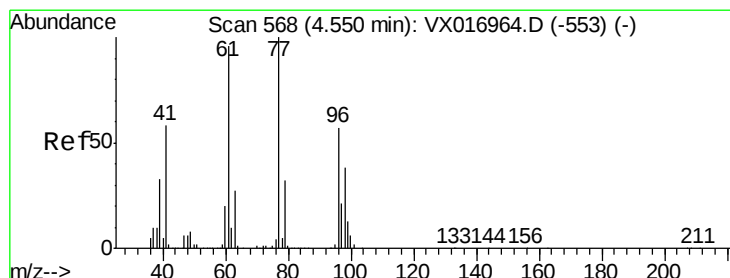
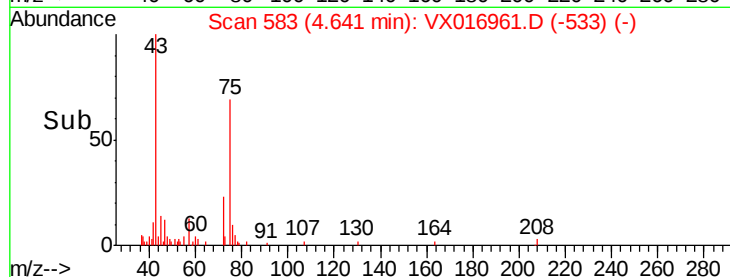
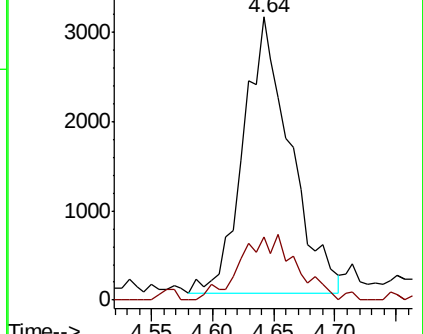
MMDadoda

6/29/2020 12:32:14 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.938 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016961.D

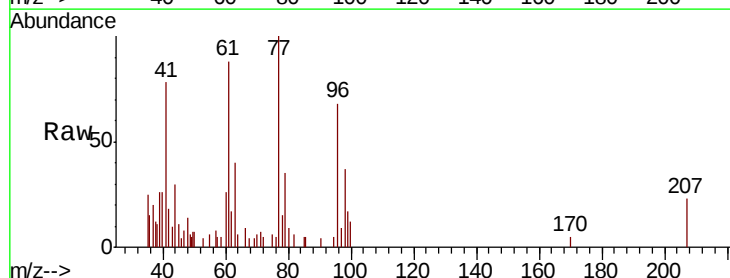
Acq: 25 Jun 2020 18:29

Tgt Ion: 77 Resp: 3738

Ion Ratio Lower Upper

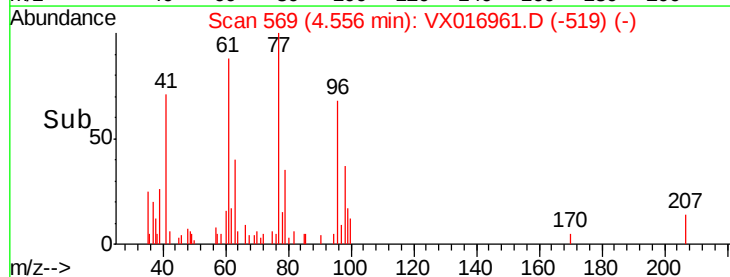
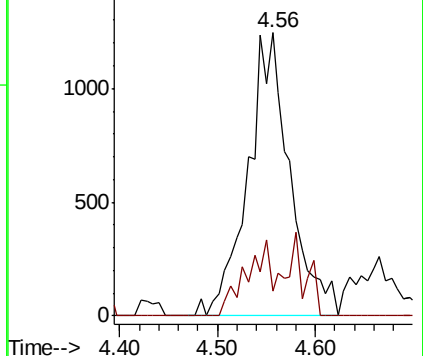
77 100

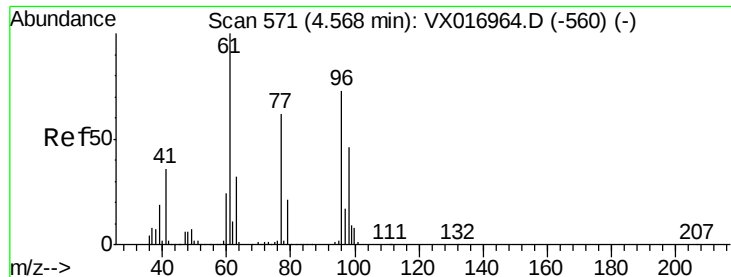
97 18.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

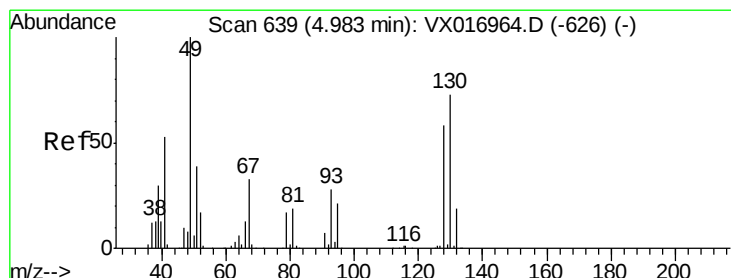
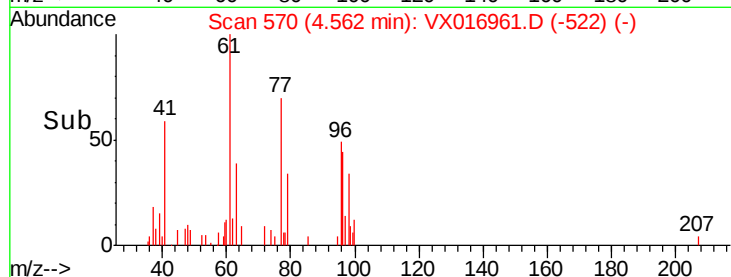
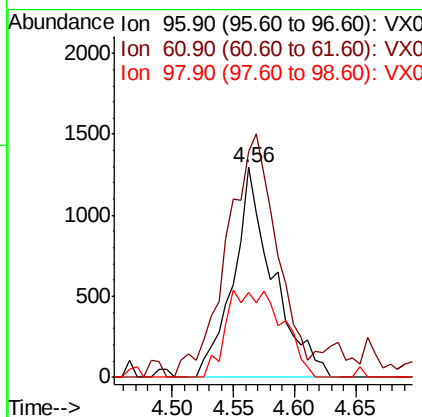
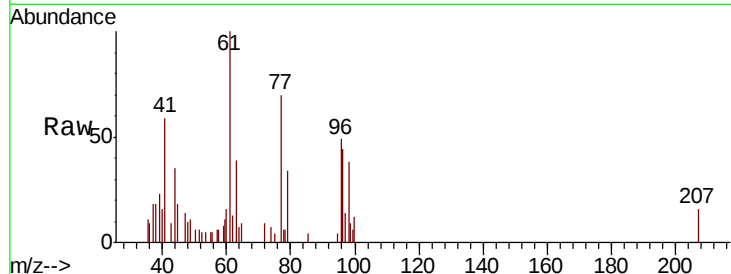
cis-1,2-Dichloroethene
Concen: 1.022 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	307.2
98	58.2	0.0	128.4

Manual Integrations
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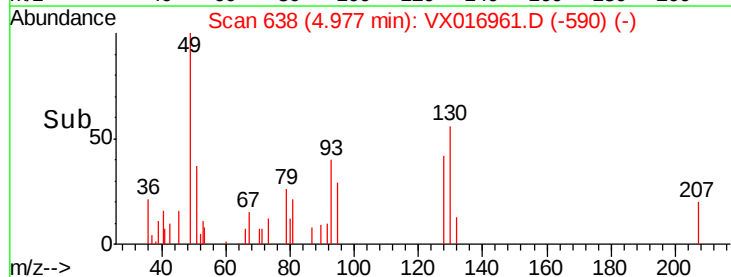
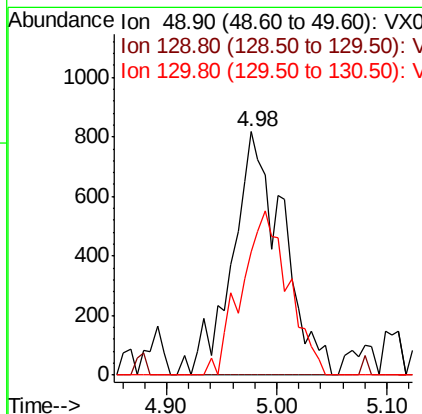
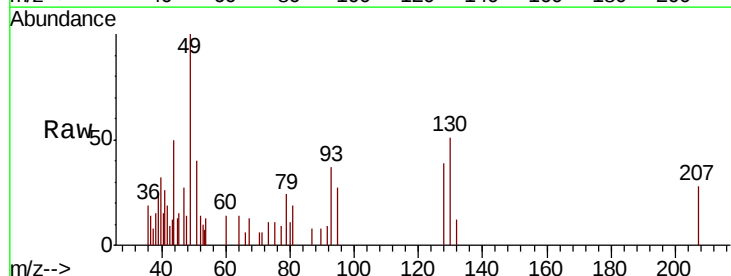
MMDadoda
6/29/2020 12:32:14 PM

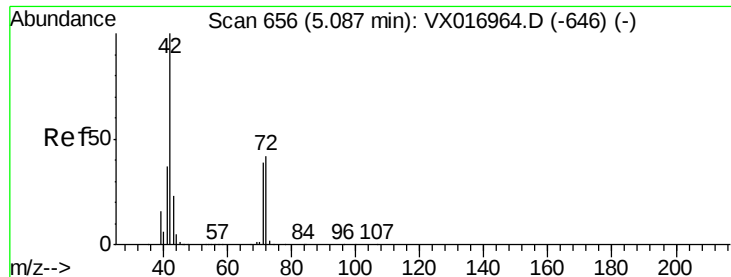


#28

Bromochloromethane
Concen: 1.284 ug/l m
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	62.7	58.7	88.1





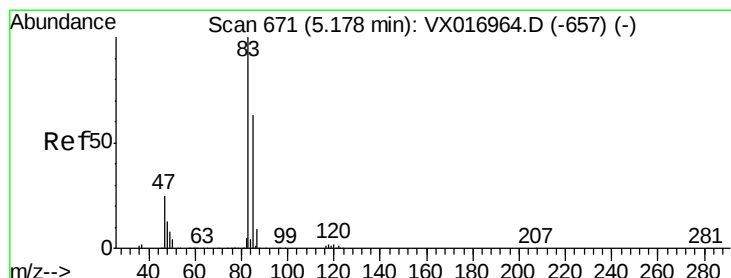
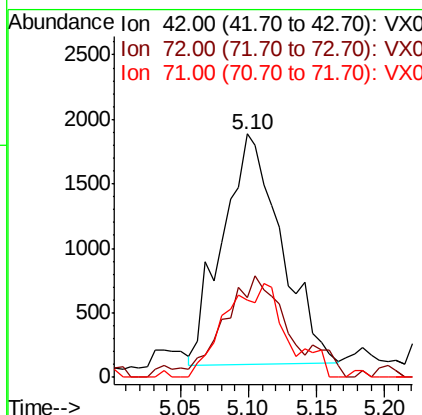
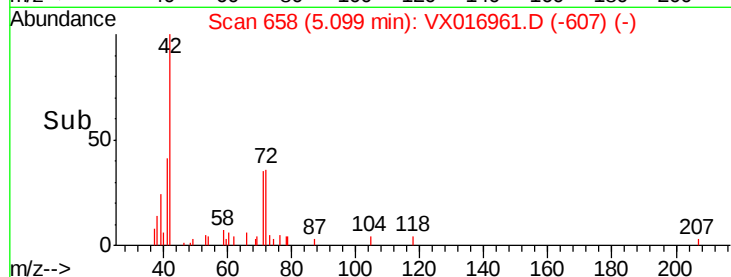
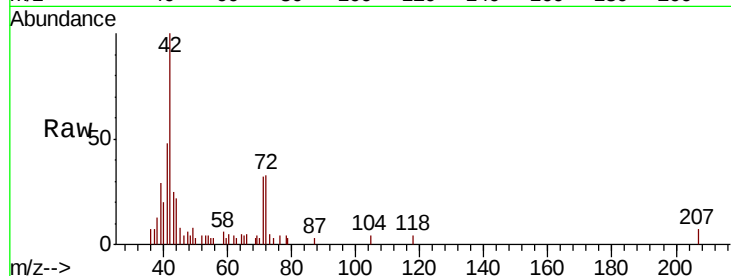
#29
Tetrahydrofuran
Concen: 4.608 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	5355
Ion	Ratio	Lower	Upper
42	100		
72	37.2	34.1	51.1
71	43.1	32.1	48.1

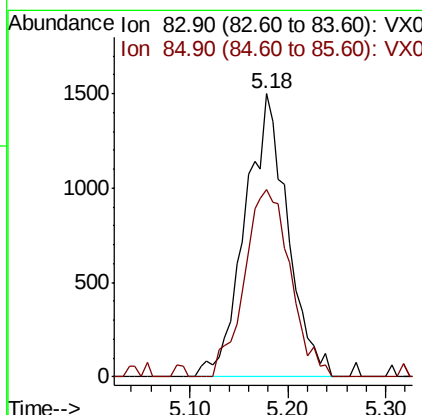
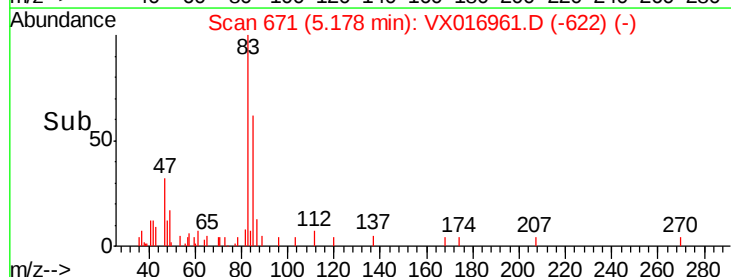
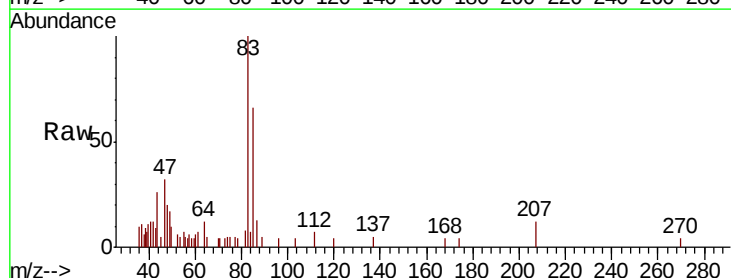
Manual Integrations
APPROVED

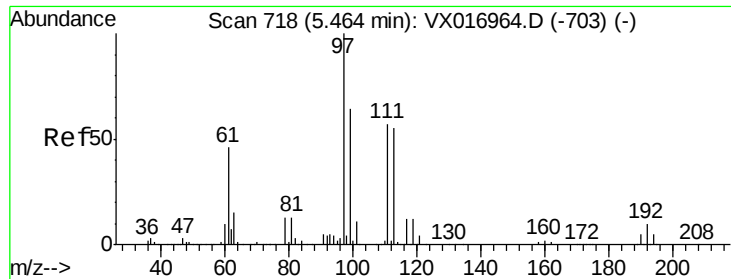
MMDadoda
6/29/2020 12:32:14 PM



#30
Chloroform
Concen: 1.004 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:	83	Resp:	4548
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.7	76.1





#32

1,1,1-Trichloroethane

Concen: 0.995 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

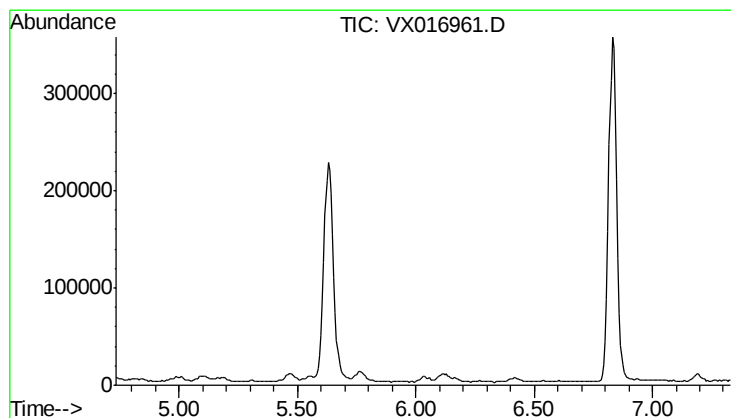
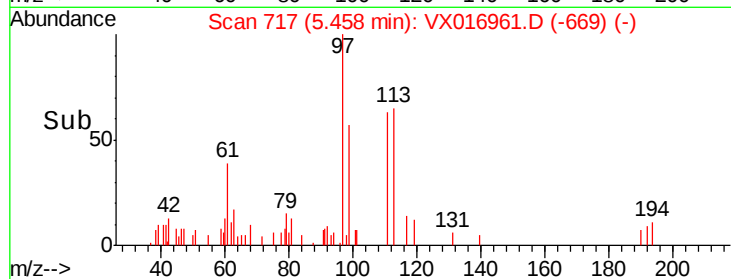
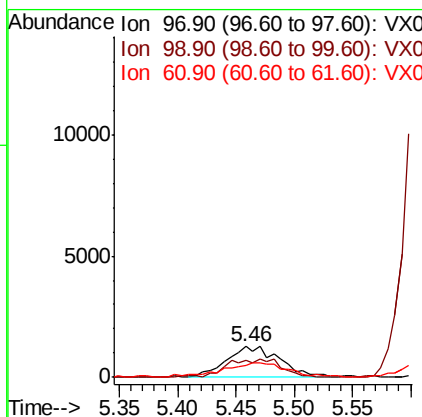
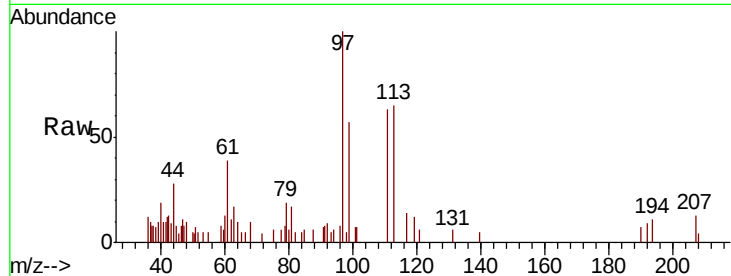
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4070
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.2#
61	56.8	37.0	55.4#

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:14 PM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016961.D

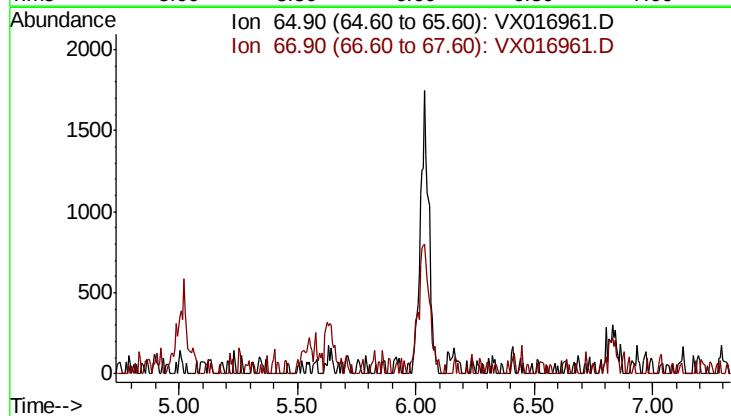
Acq: 25 Jun 2020 18:29

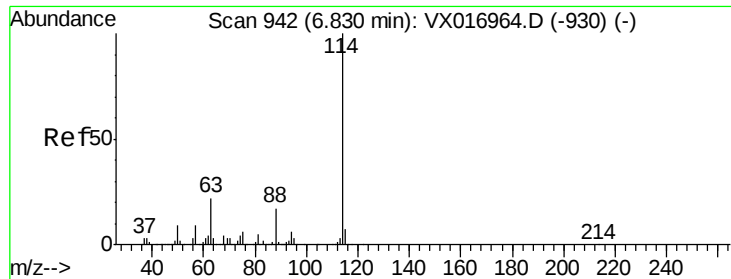
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.4





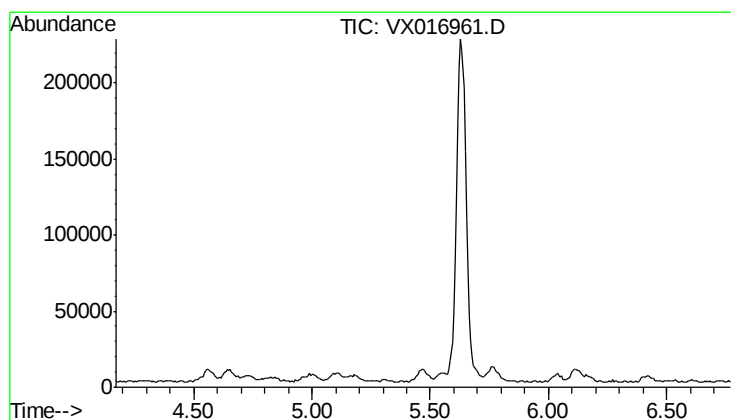
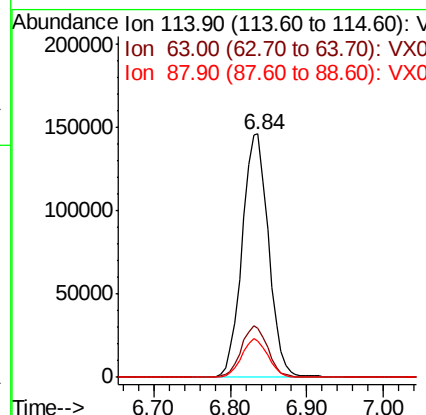
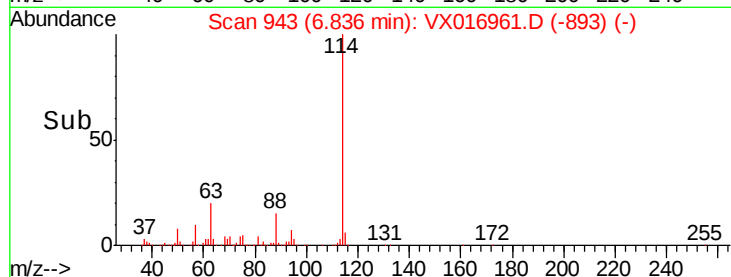
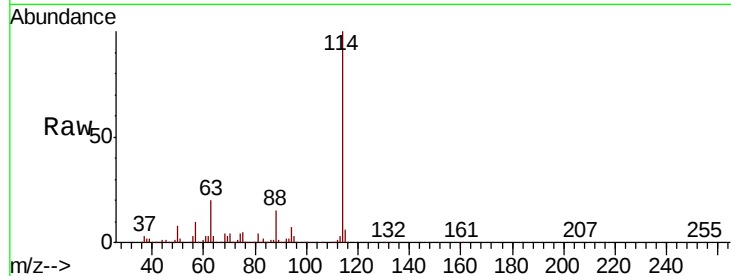
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.3	0.0	44.4
88	15.1	0.0	33.2

Manual Integrations
APPROVED

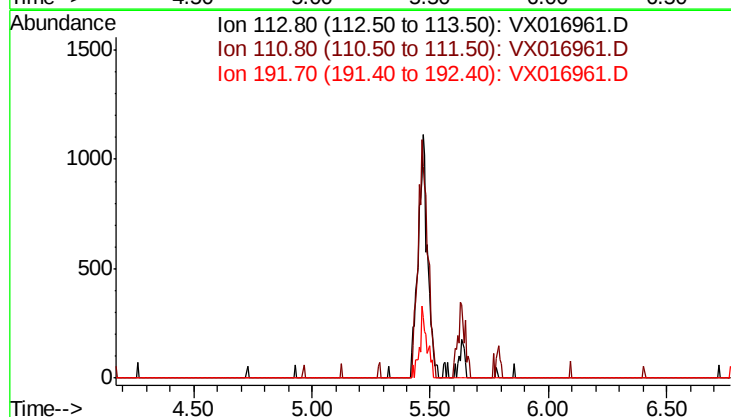
MMDadoda
6/29/2020 12:32:14 PM

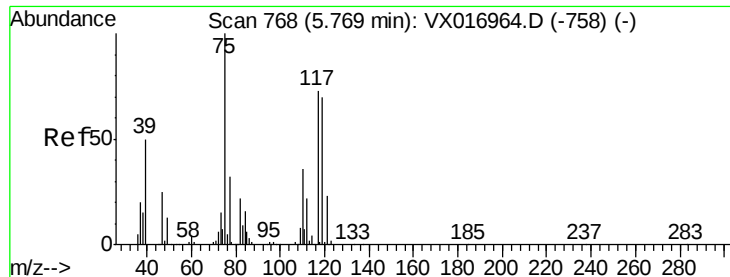


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.47 min

Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Exp Ratio
113	100
111	105.4
192	19.0





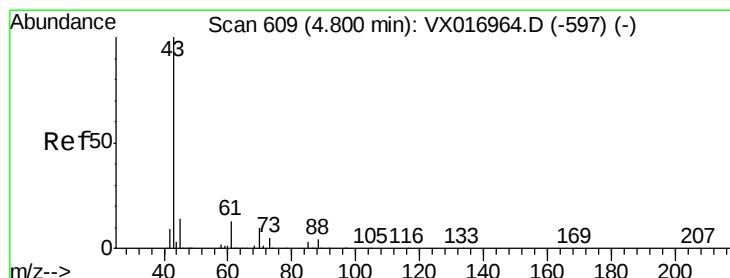
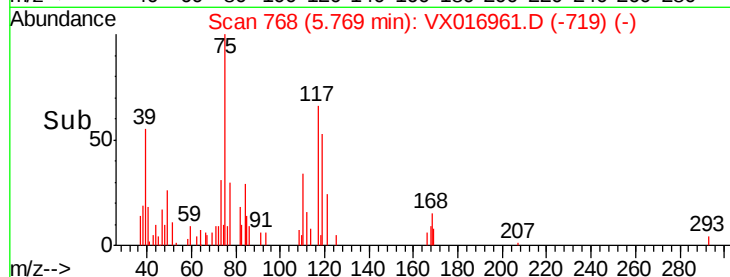
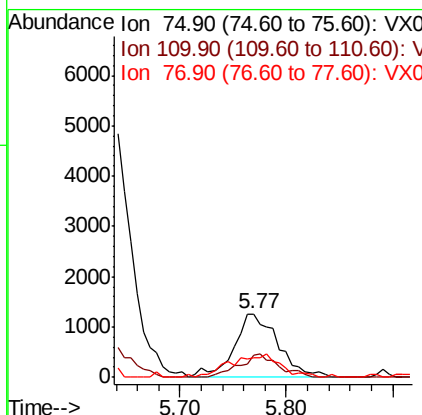
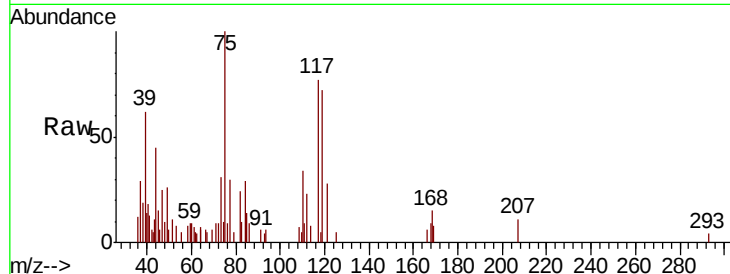
#36
 1,1-Dichloropropene
 Concen: 1.084 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.2	51.6
77	41.1	24.7	37.1#

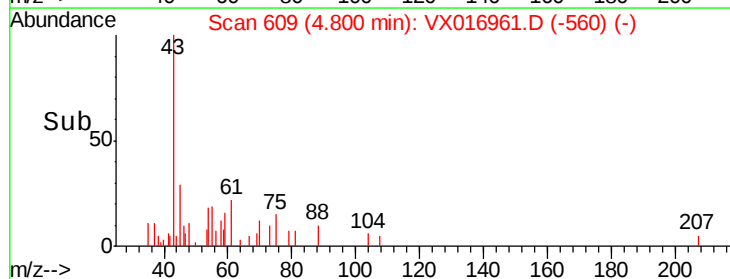
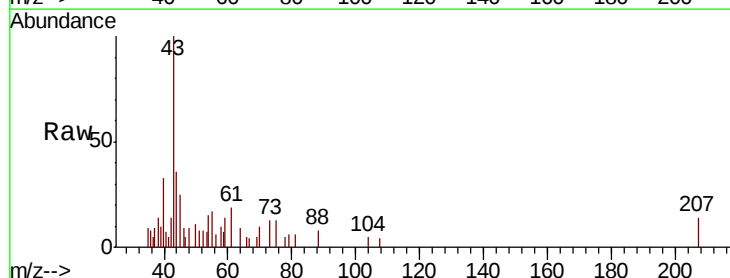
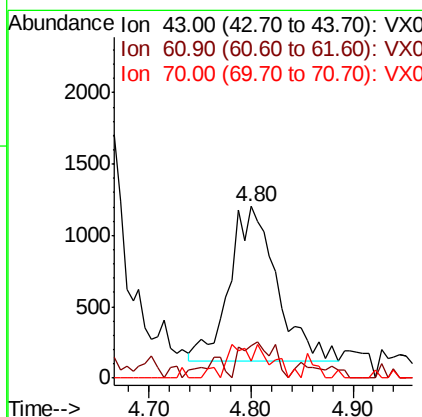
Manual Integrations
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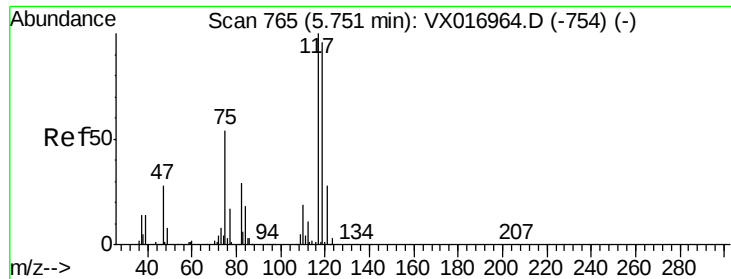
MMDadoda
 6/29/2020 12:32:14 PM



#37
 Ethyl Acetate
 Concen: 1.015 ug/l
 RT: 4.80 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	10.8	16.2
70	0.0	8.0	12.0#





#38

Carbon Tetrachloride

Concen: 1.099 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

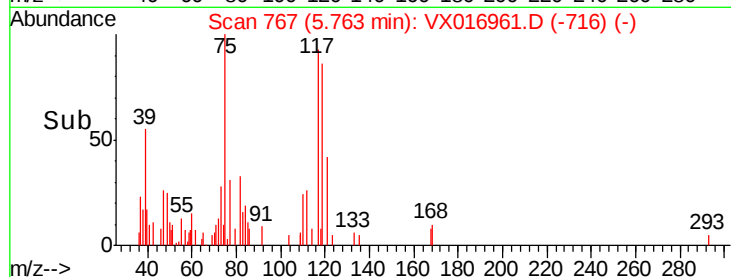
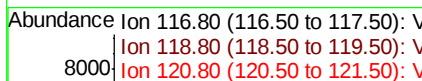
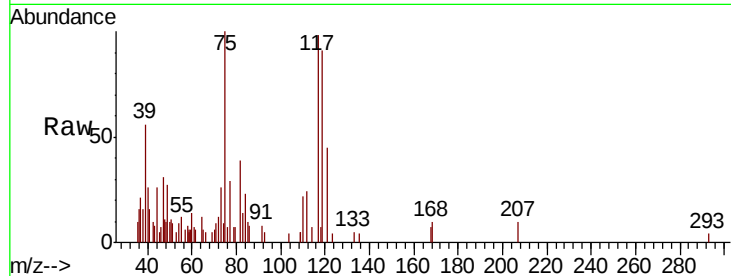
ClientSampleId :

VSTDIC001

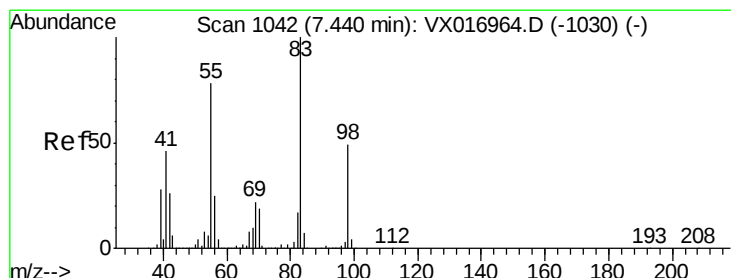
Tot Ion:	117	Resp:	3474
Ion Ratio	Lower	Upper	
117	100		
119	93.1	76.6	114.8
121	45.7	22.5	33.7#

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:14 PM



Time-->



#39

Methylcyclohexane

Concen: 0.960 ug/l

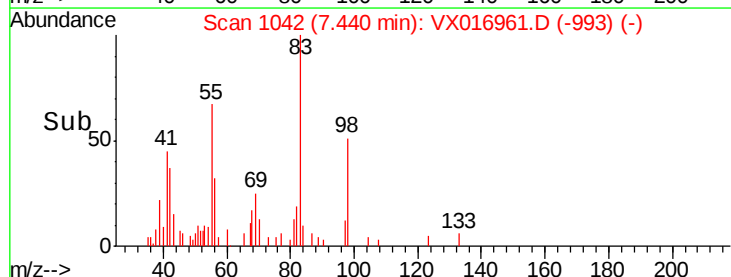
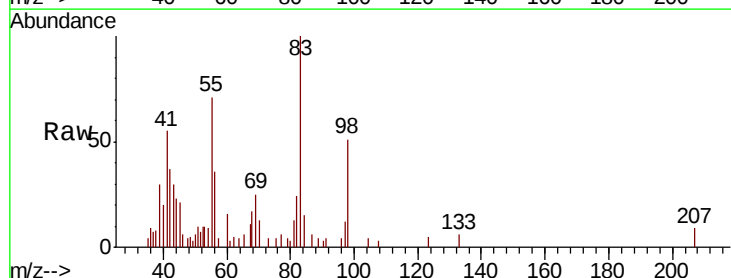
RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

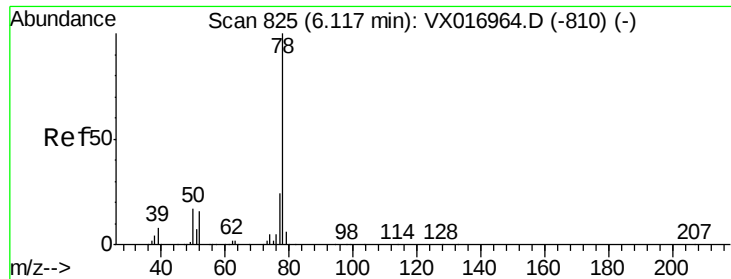
Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	83	Resp:	3859
Ion Ratio	Lower	Upper	
83	100		
55	67.1	62.4	93.6
98	51.2	39.4	59.0



Time-->



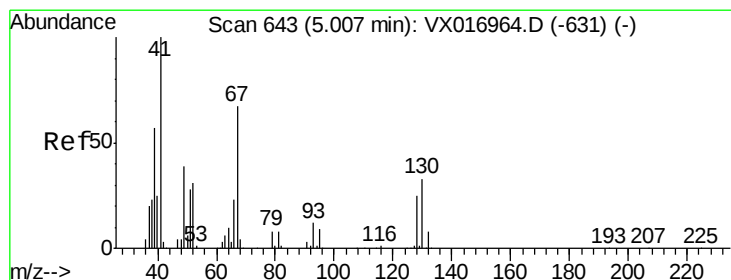
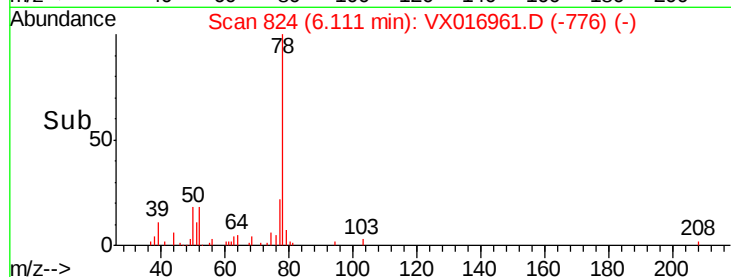
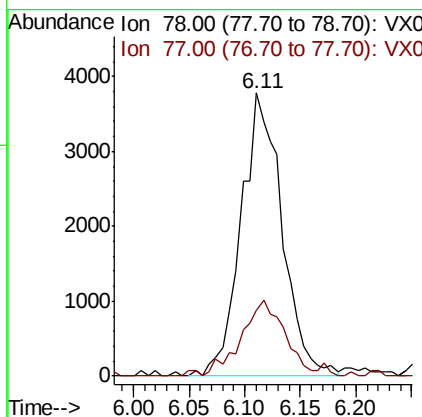
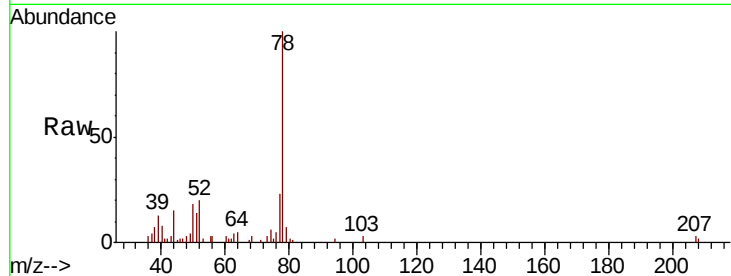
#40
Benzene
Concen: 0.989 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 9670
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3

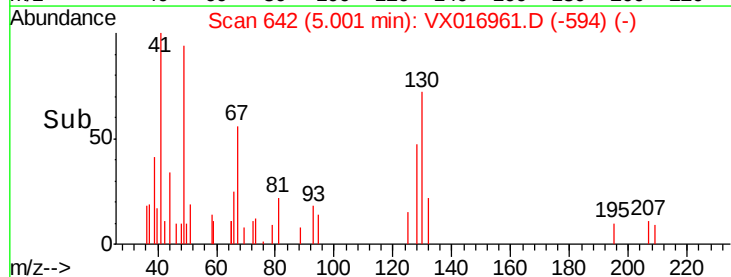
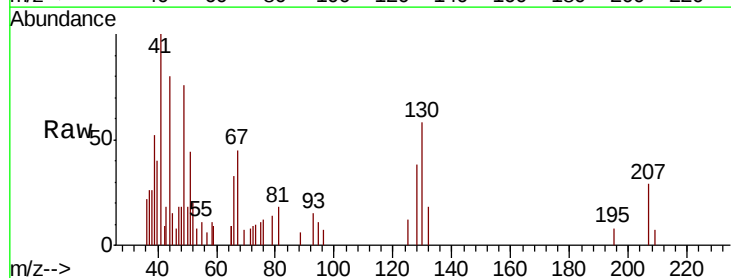
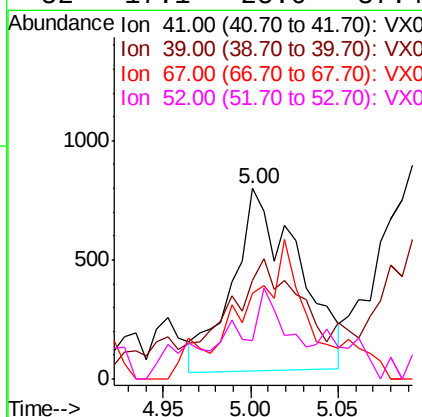
Manual Integrations
APPROVED

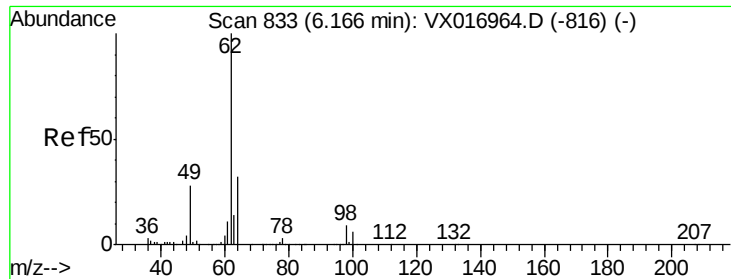
MMDadoda
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#41
Methacrylonitrile
Concen: 1.051 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 41 Resp: 2027
Ion Ratio Lower Upper
41 100
39 55.7 46.6 70.0
67 71.2 57.0 85.6
52 17.1 25.0 37.4#





#42

1,2-Dichloroethane

Concen: 1.071 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 3750

Ion Ratio Lower Upper

62 100

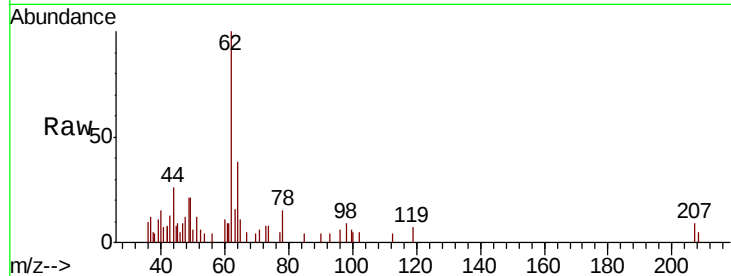
98 5.0 0.0 17.2

Manual Integrations

APPROVED

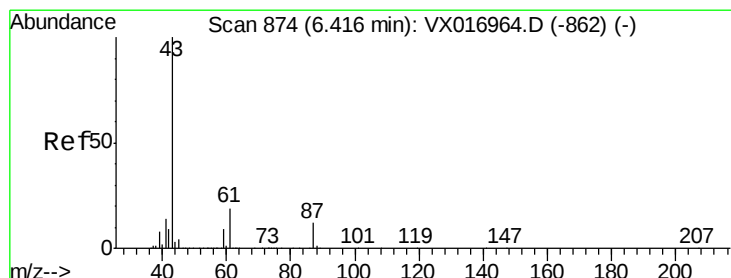
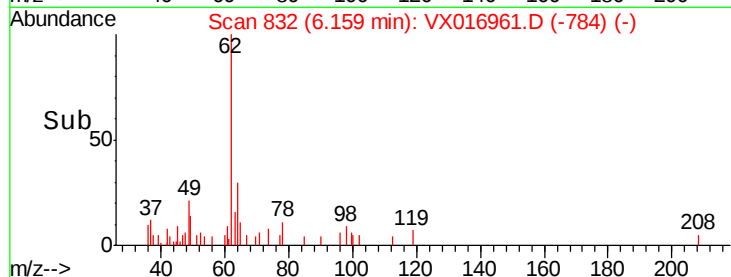
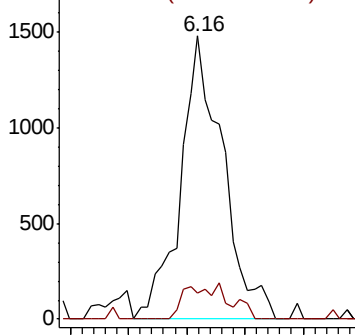
MMDadoda

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Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 1.063 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

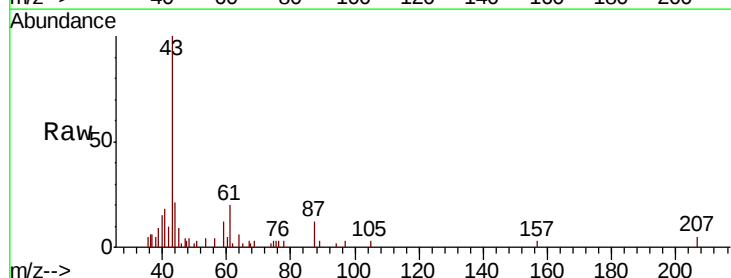
Tgt Ion: 43 Resp: 5973

Ion Ratio Lower Upper

43 100

61 21.3 15.0 22.6

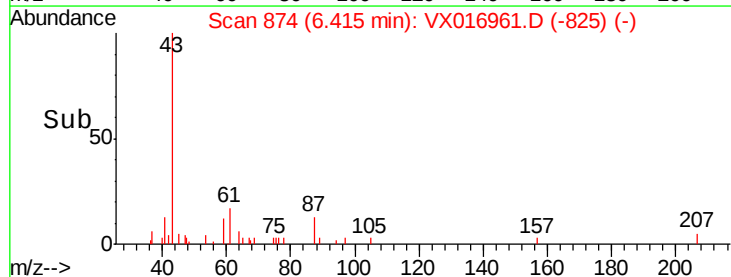
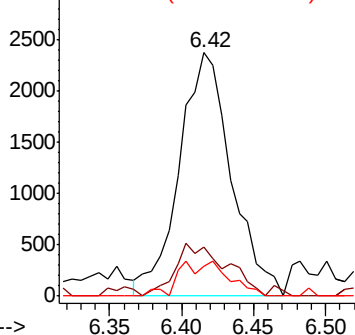
87 5.7 10.0 15.0#

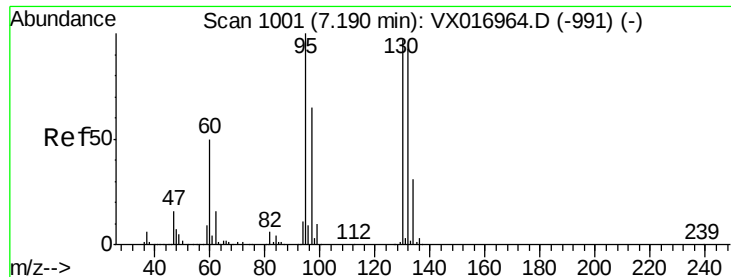


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.939 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2766

Ion Ratio Lower Upper

130 100

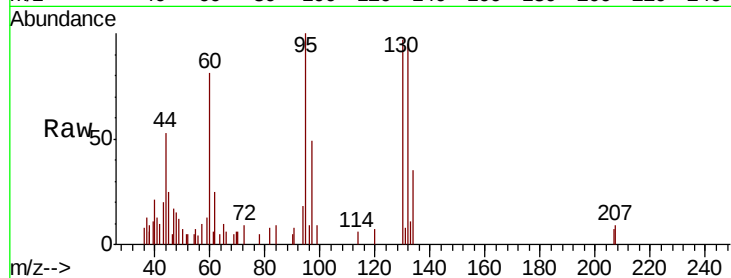
95 103.3 0.0 206.6

Manual Integrations

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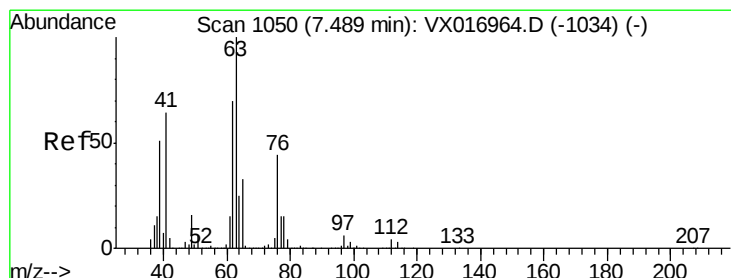
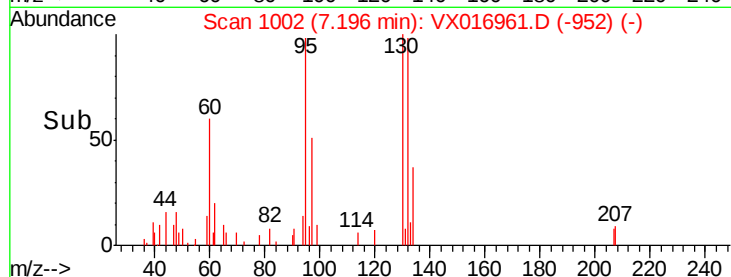
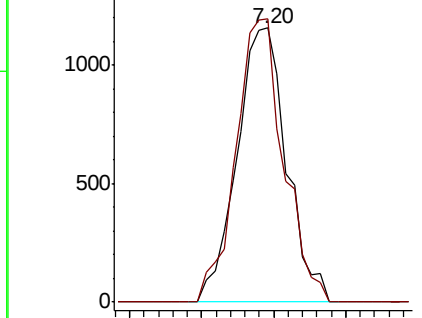
MMDadoda

6/29/2020 12:32:14 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.131 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016961.D

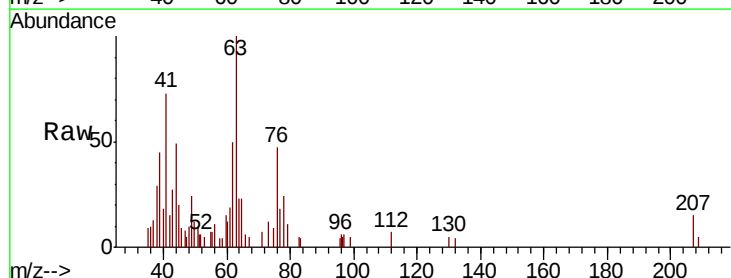
Acq: 25 Jun 2020 18:29

Tgt Ion: 63 Resp: 2842

Ion Ratio Lower Upper

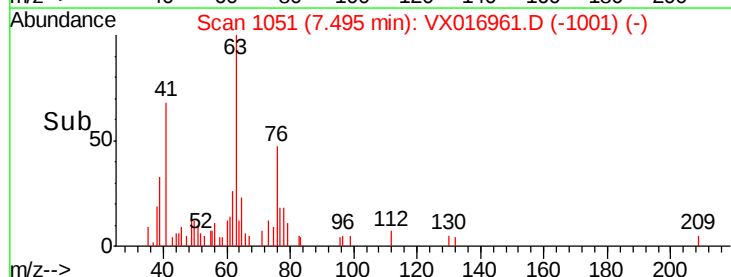
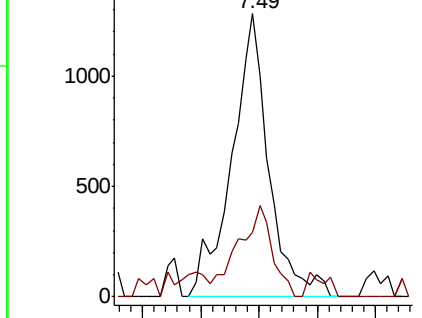
63 100

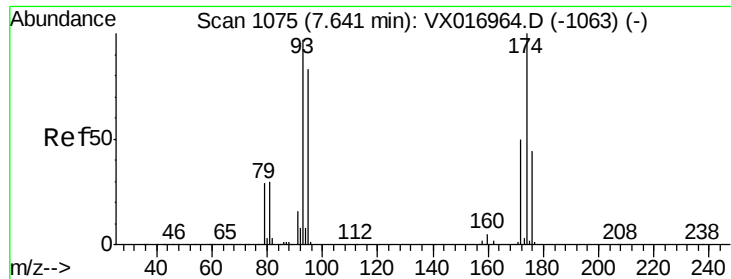
65 22.7 26.1 39.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





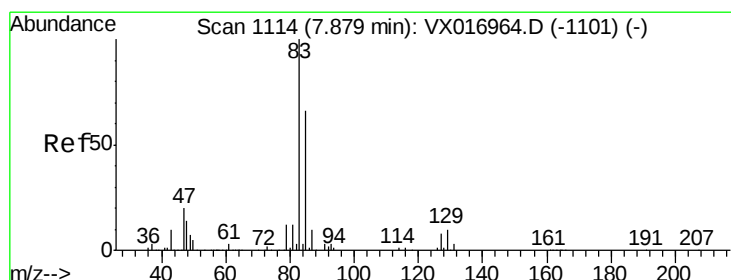
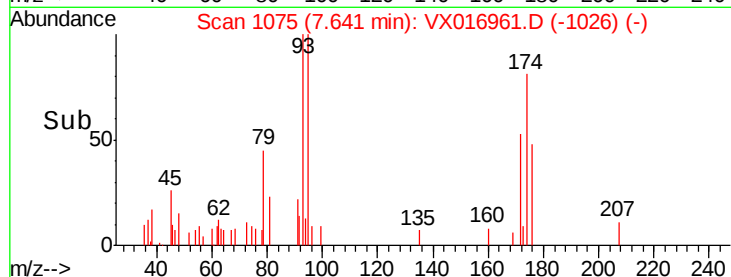
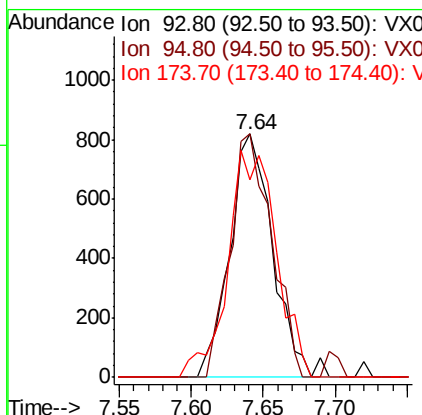
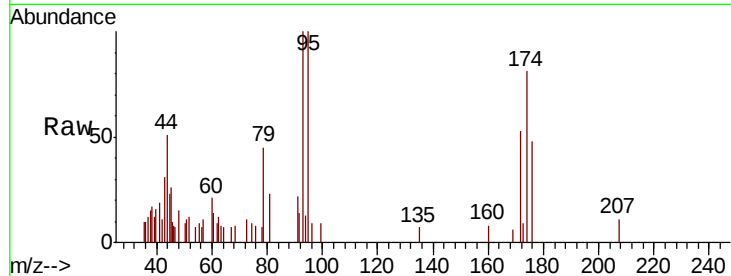
#46
Dibromomethane
Concen: 1.011 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	96.8	67.5	101.3
174	104.9	75.0	112.4

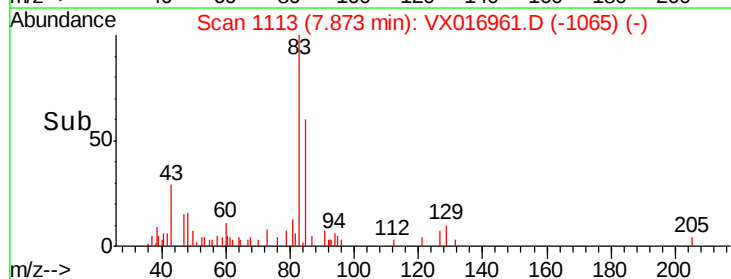
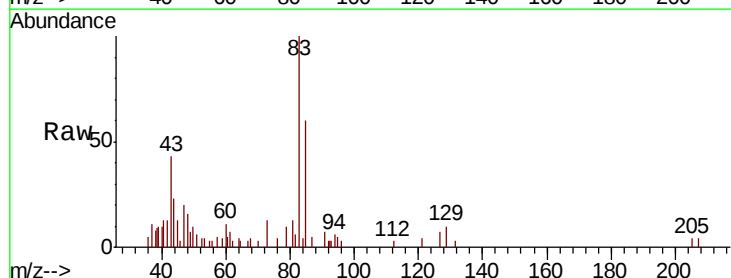
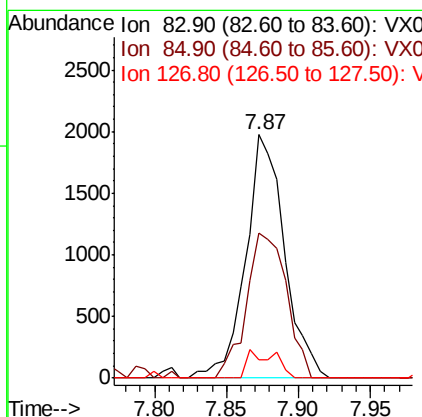
Manual Integrations
APPROVED

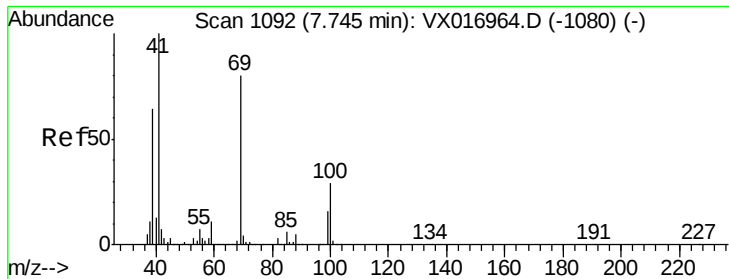
MMDadoda
6/29/2020 12:32:14 PM



#47
Bromodichloromethane
Concen: 1.063 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.7	53.1	79.7
127	7.3	6.8	10.2





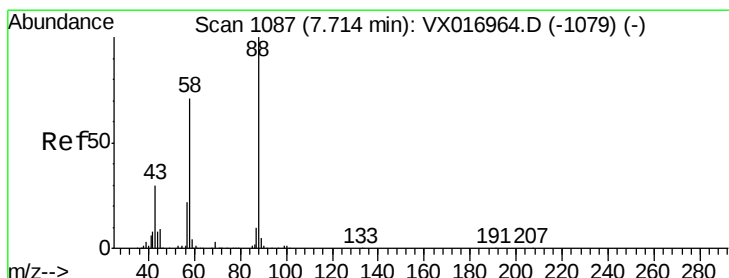
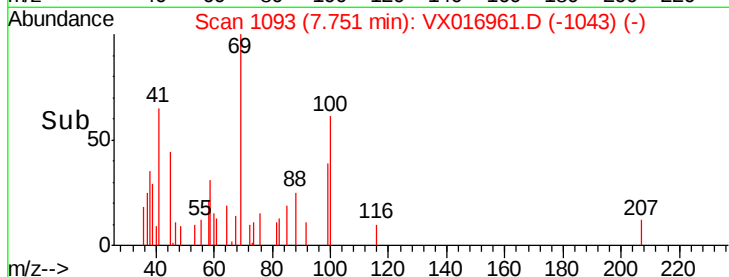
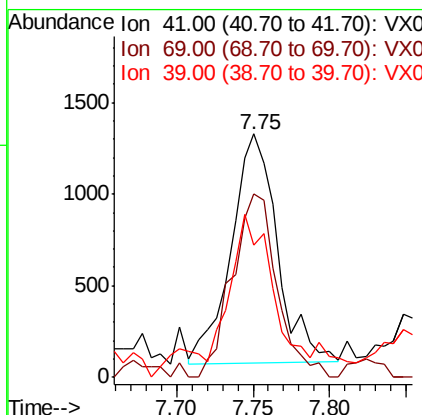
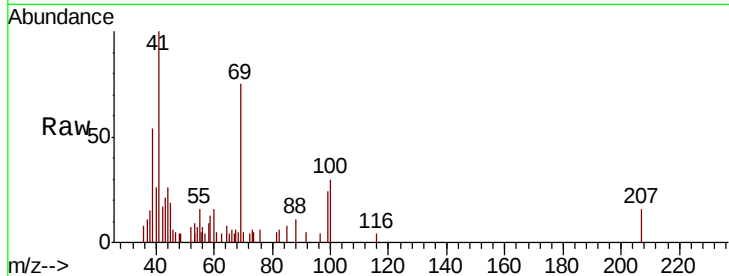
#48
Methvl methacrylate
Concen: 0.950 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	77.7	62.7	94.1
39	54.3	49.6	74.4

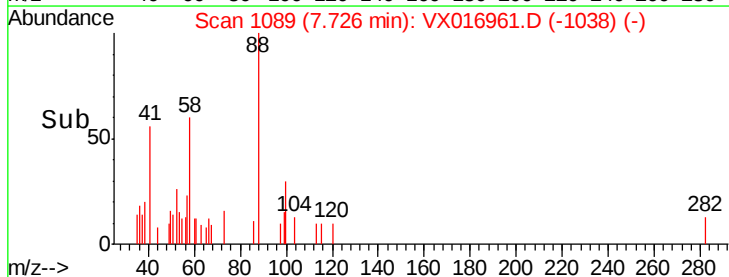
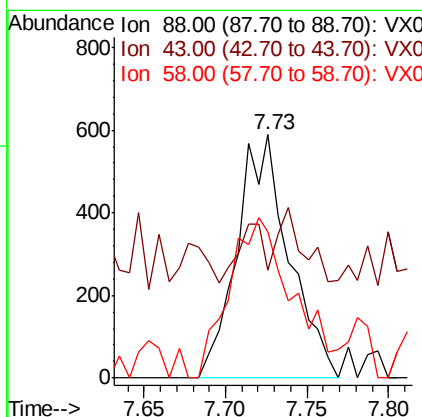
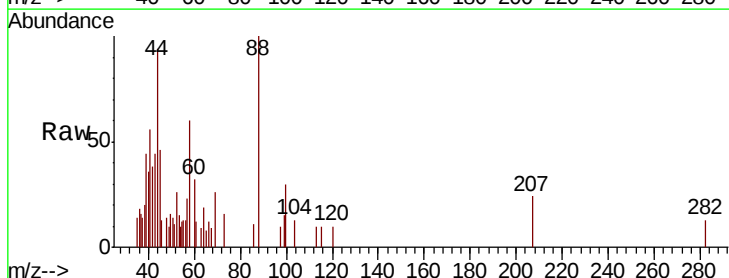
Manual Integrations
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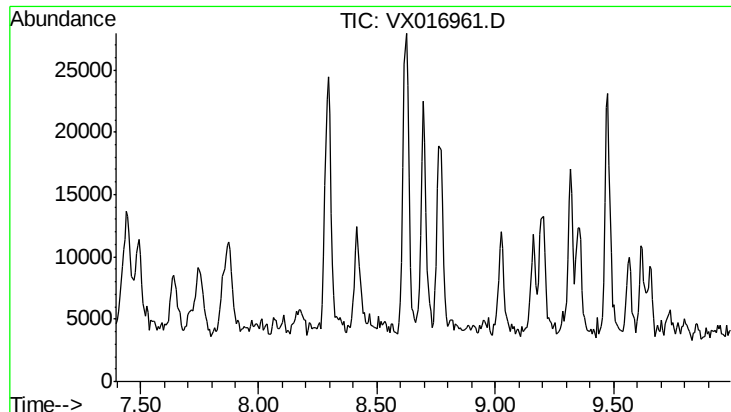
MMDadoda
6/29/2020 12:32:14 PM



#49
1,4-Dioxane
Concen: 21.574 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
43	12.1	28.1	42.1#
58	81.9	56.1	84.1





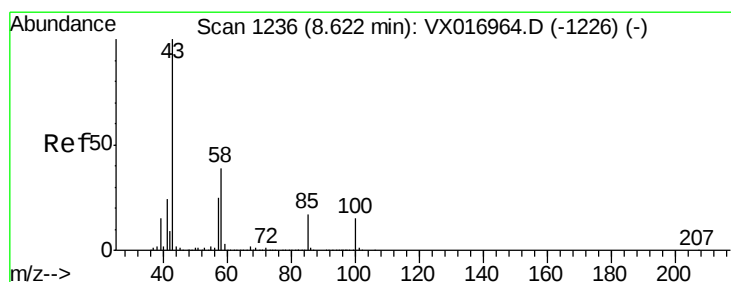
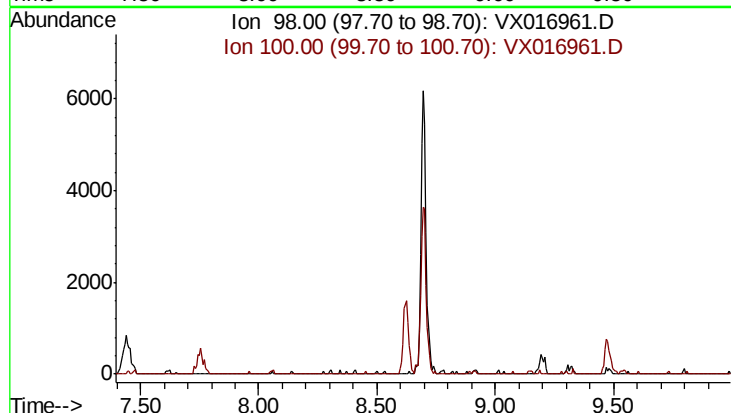
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.2

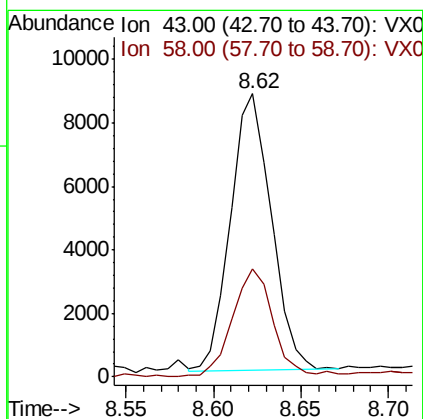
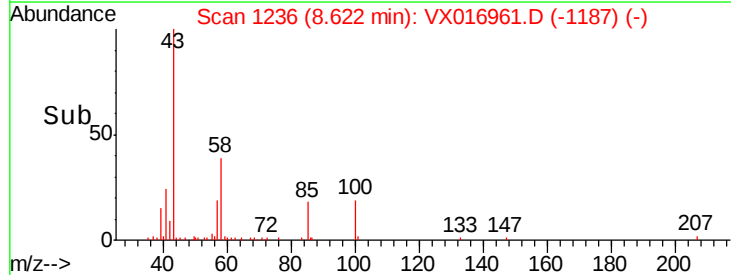
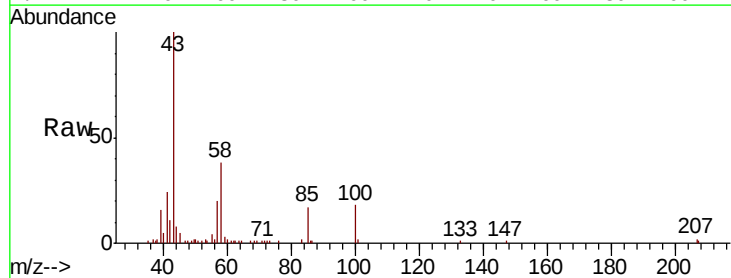
Manual Integrations
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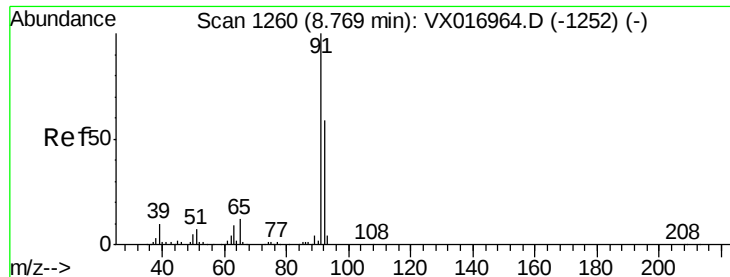
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.286 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion: 43 Resp: 14108
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6





#52

Toluene

Concen: 0.922 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5709

Ion Ratio Lower Upper

92 100

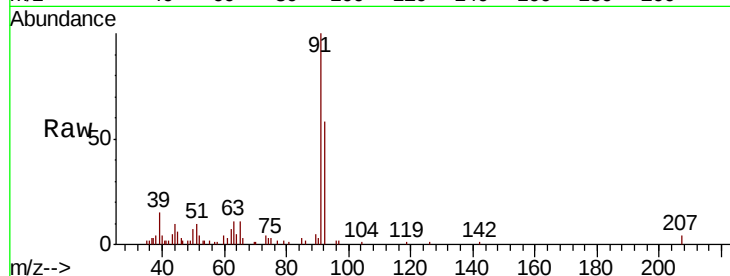
91 170.6 136.7 205.1

Manual Integrations

APPROVED

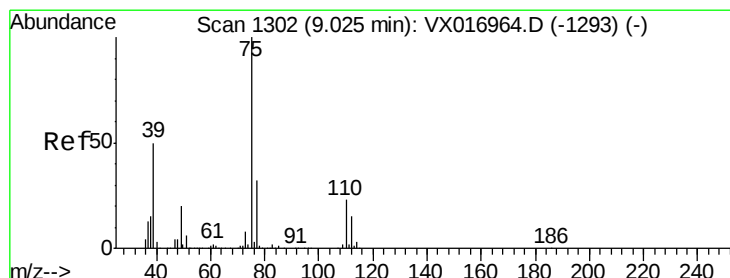
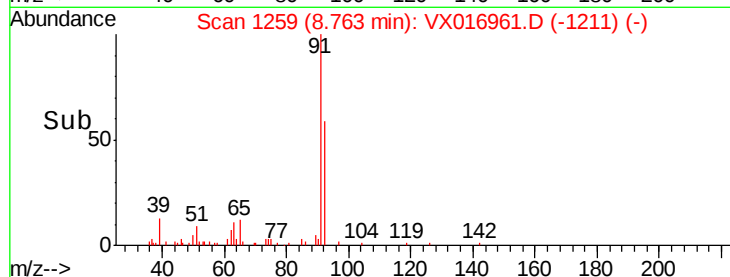
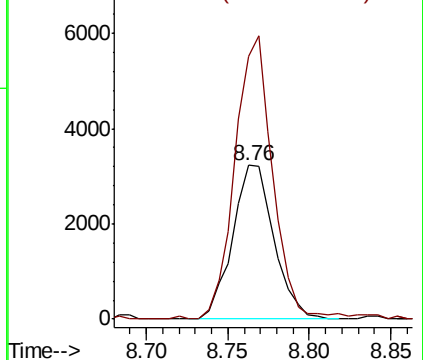
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.843 ug/l

RT: 9.03 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VX016961.D

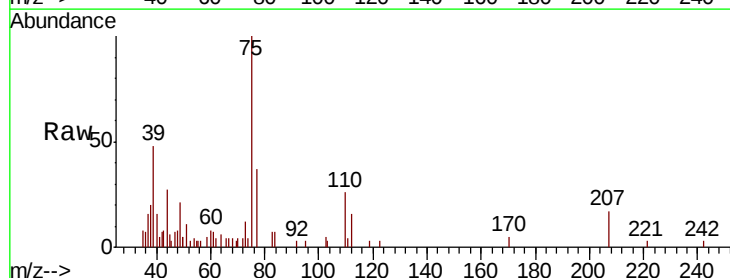
Acq: 25 Jun 2020 18:29

Tgt Ion: 75 Resp: 3446

Ion Ratio Lower Upper

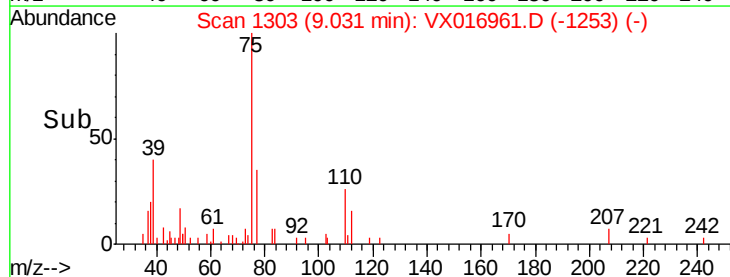
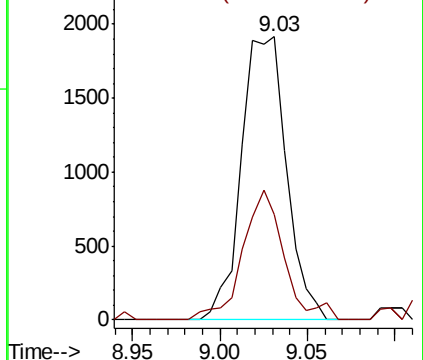
75 100

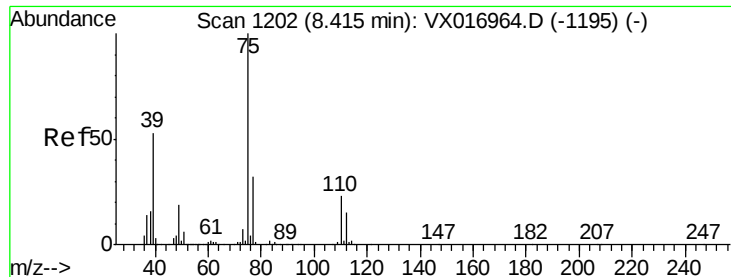
77 37.5 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.932 ug/l

RT: 8.42 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

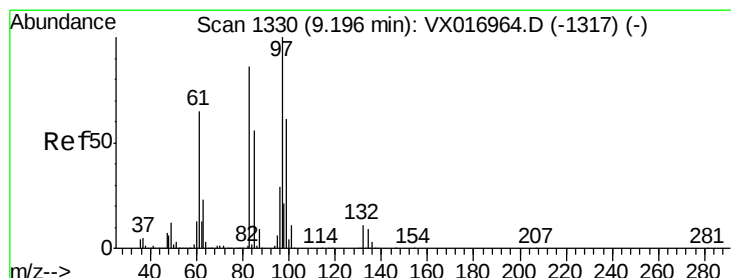
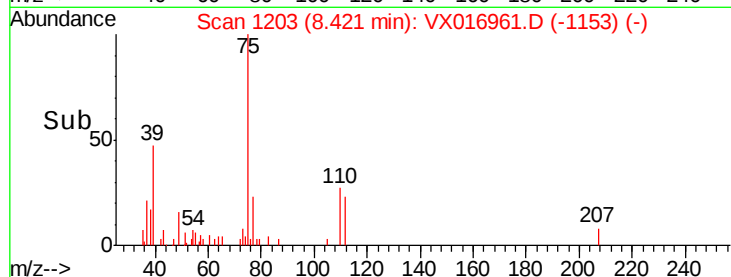
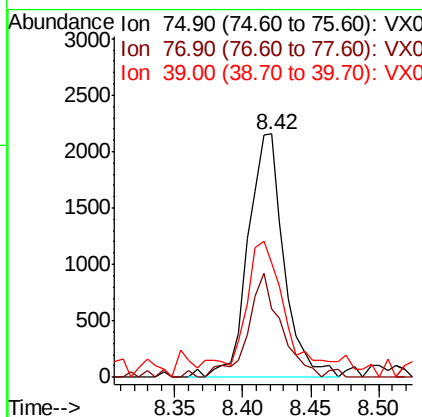
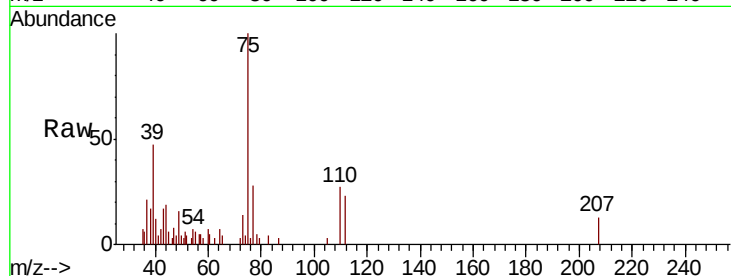
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3981
Ion Ratio	Lower	Upper	
75	100		
77	25.2	25.7	38.5#
39	40.1	42.7	64.1#

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#55

1,1,2-Trichloroethane

Concen: 0.956 ug/l

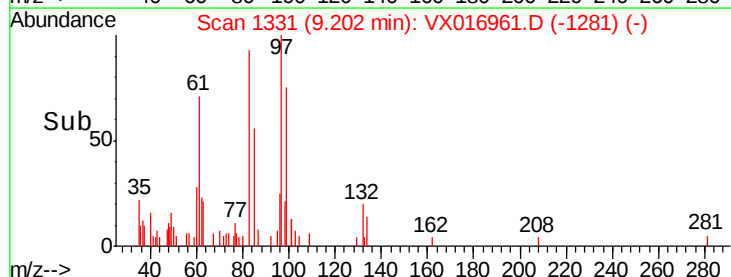
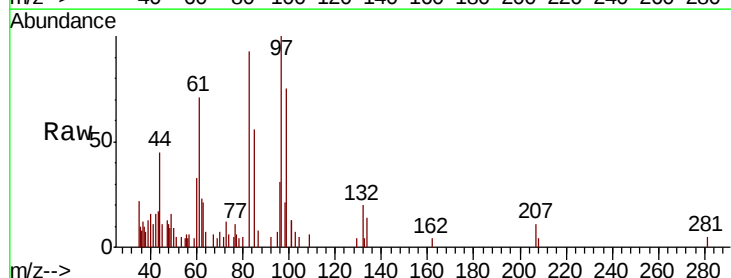
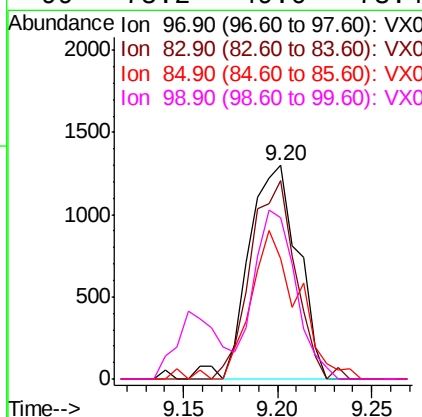
RT: 9.20 min Scan# 1331

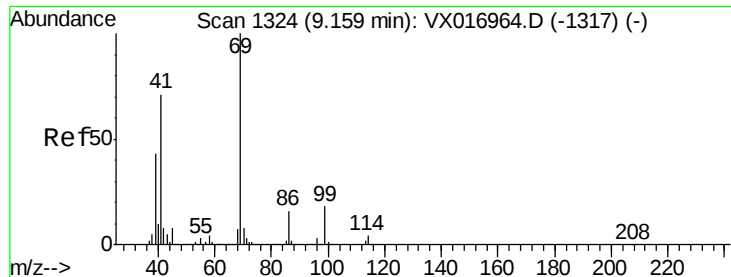
Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	97	Resp:	2365
Ion Ratio	Lower	Upper	
97	100		
83	92.6	68.6	103.0
85	56.4	44.5	66.7
99	75.2	49.0	73.4#





#56

Ethyl methacrylate

Concen: 0.744 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

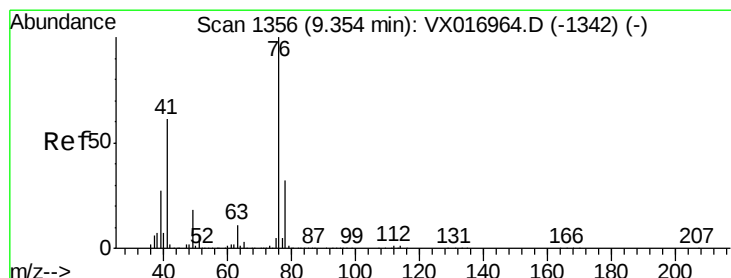
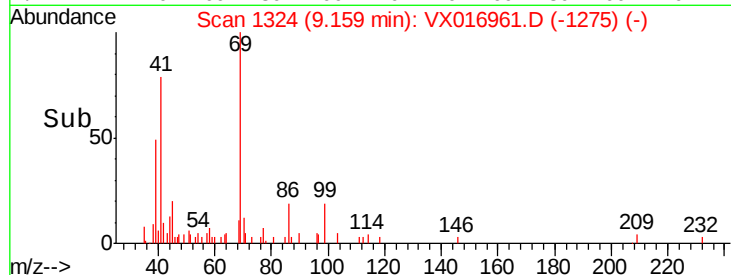
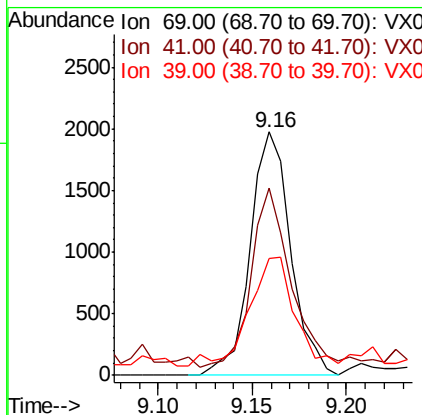
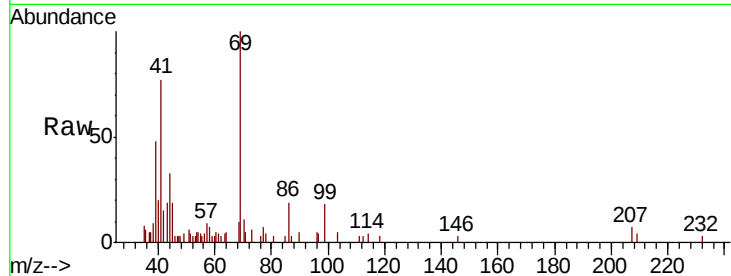
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2947
Ion	Ratio	Lower	Upper
69	100		
41	73.0	55.9	83.9
39	52.4	34.6	51.8#

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#57

1,3-Dichloropropane

Concen: 0.974 ug/l

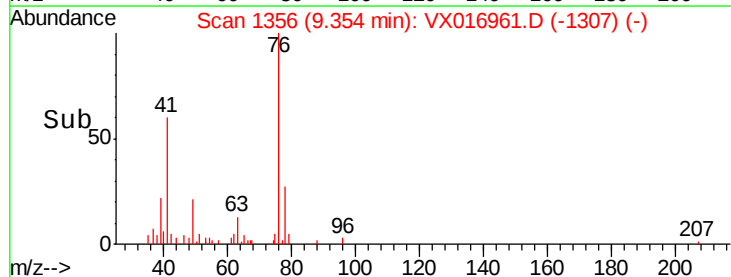
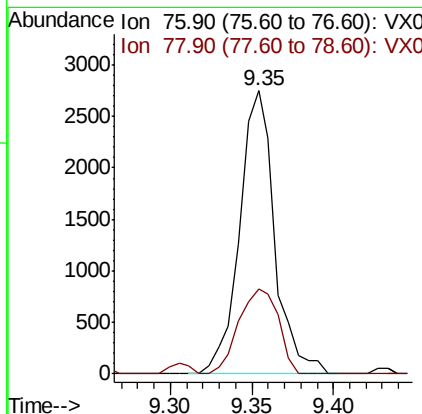
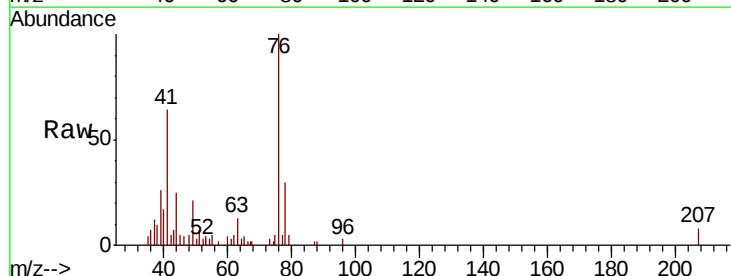
RT: 9.35 min Scan# 1356

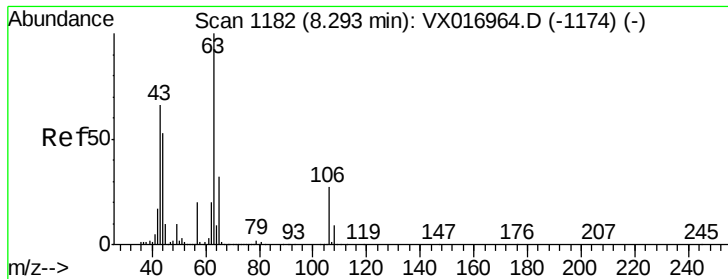
Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	76	Resp:	4122
Ion	Ratio	Lower	Upper
76	100		
78	33.8	26.0	39.0





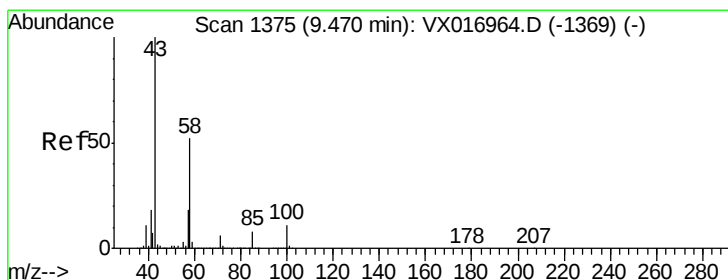
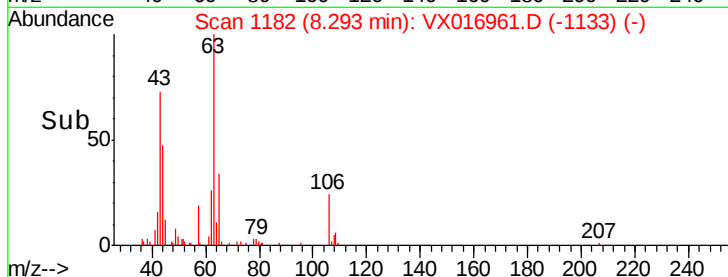
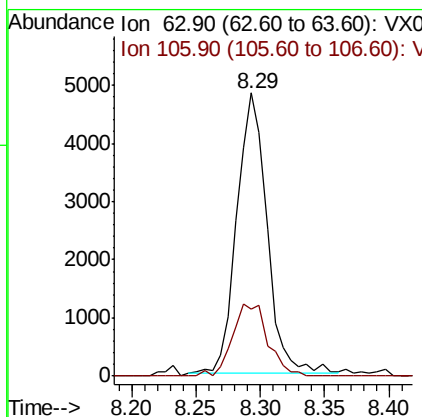
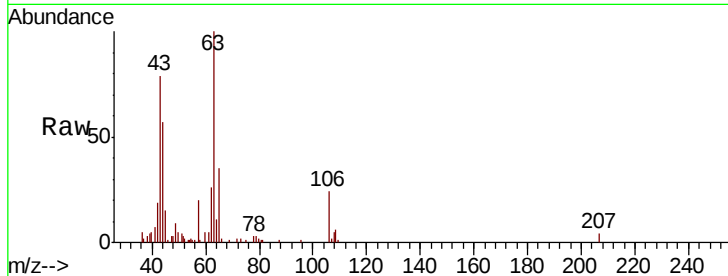
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.917 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 7719
 Ion Ratio Lower Upper
 63 100
 106 30.8 22.1 33.1

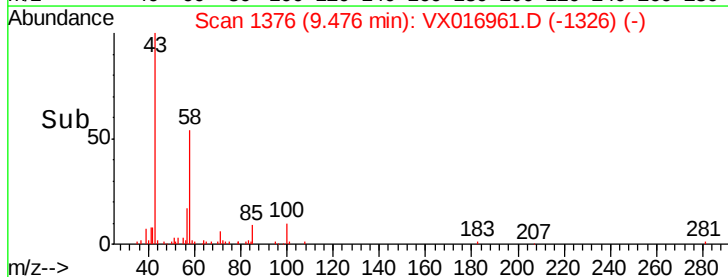
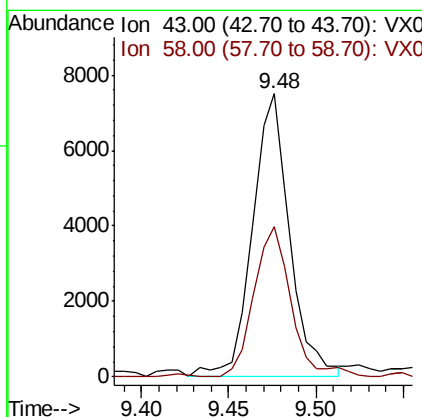
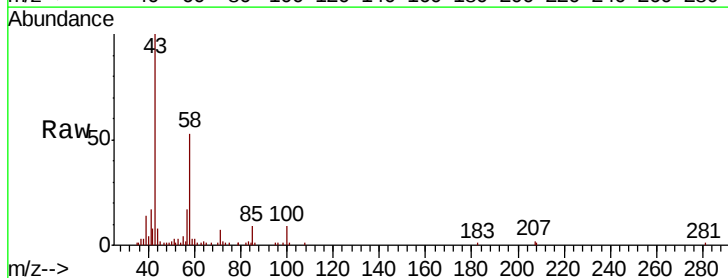
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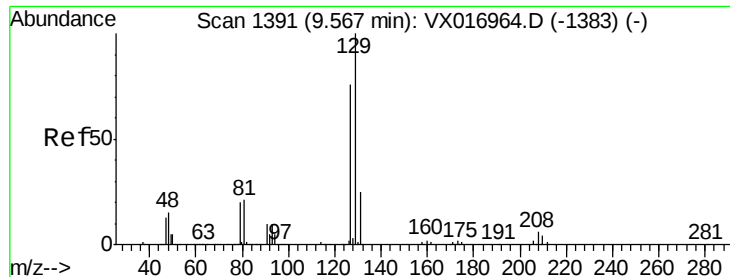
MMDadoda
 6/29/2020 12:32:14 PM



#59
 2-Hexanone
 Concen: 4.450 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion: 43 Resp: 11108
 Ion Ratio Lower Upper
 43 100
 58 53.0 26.3 78.9





#60

Dibromochloromethane

Concen: 1.091 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2741

Ion Ratio Lower Upper

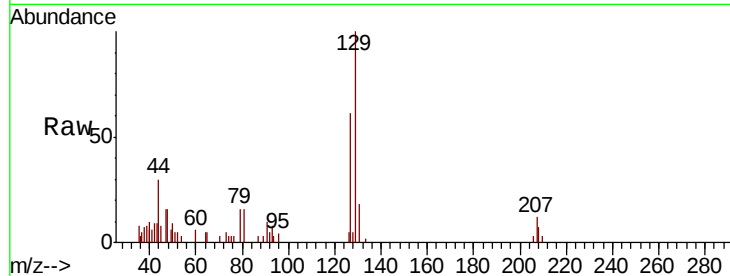
129 100

127 67.3 38.0 114.0

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

2000

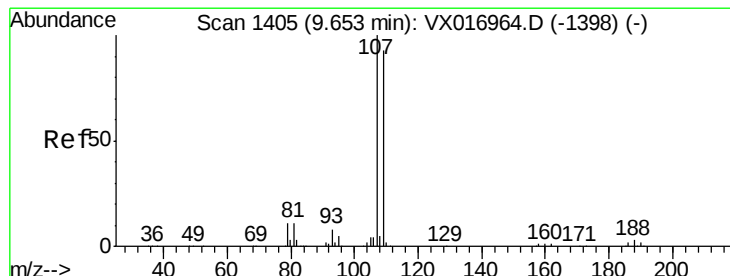
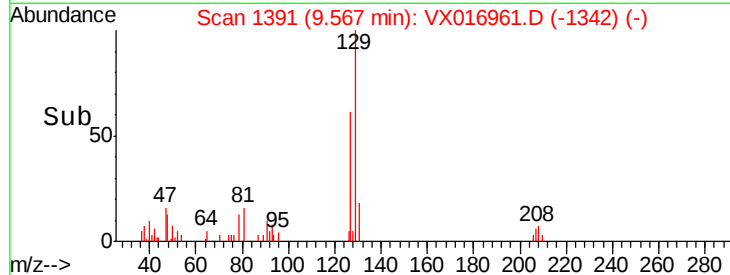
1500

1000

500

0

Time--> 9.50 9.55 9.60



#61

1,2-Dibromoethane

Concen: 1.019 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016961.D

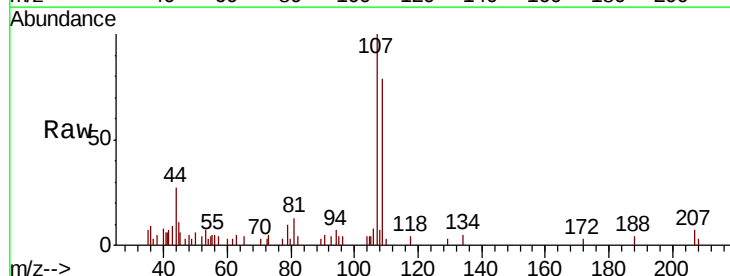
Acq: 25 Jun 2020 18:29

Tgt Ion:107 Resp: 2620

Ion Ratio Lower Upper

107 100

109 85.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

2000

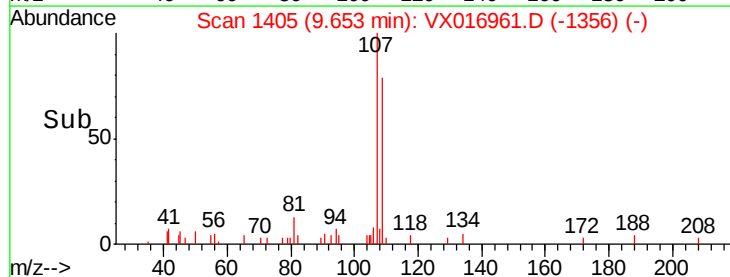
1500

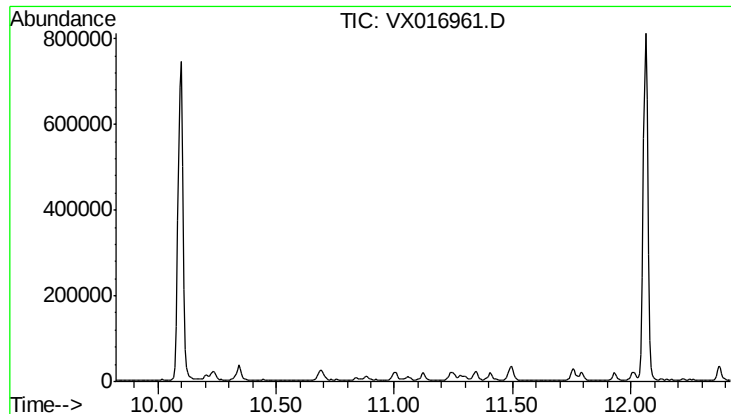
1000

500

0

Time--> 9.55 9.60 9.65 9.70





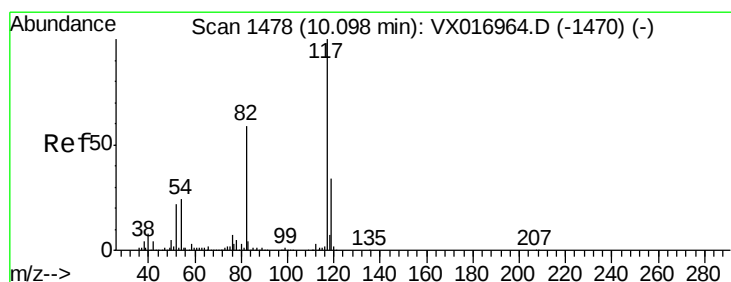
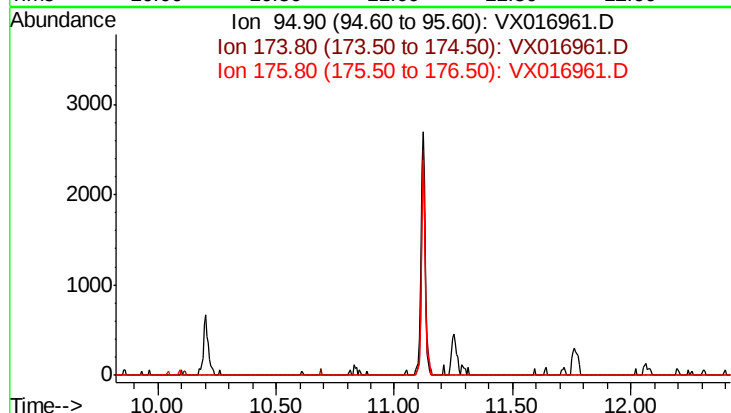
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.12 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	74.8
176	74.1

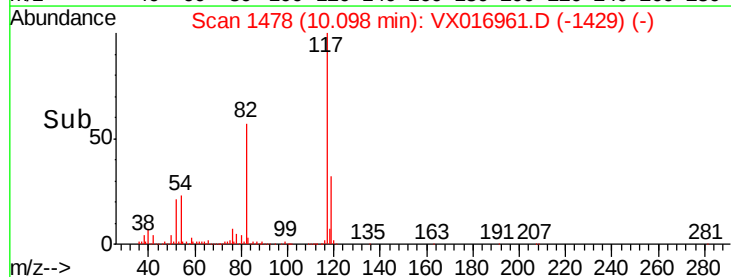
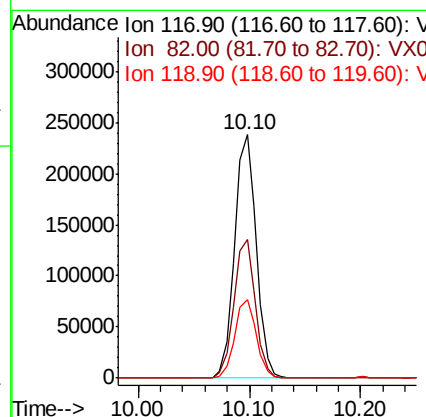
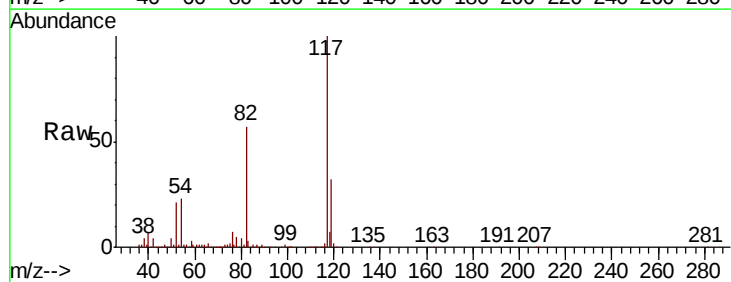
Manual Integrations
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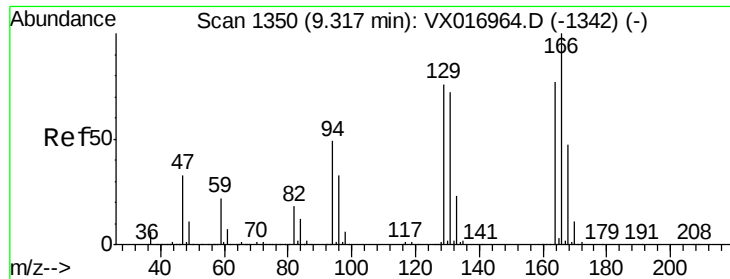
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	117	Resp	319919
Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.8	70.2
119	32.2	27.3	40.9





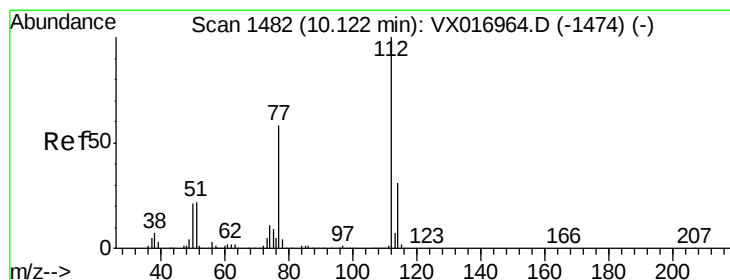
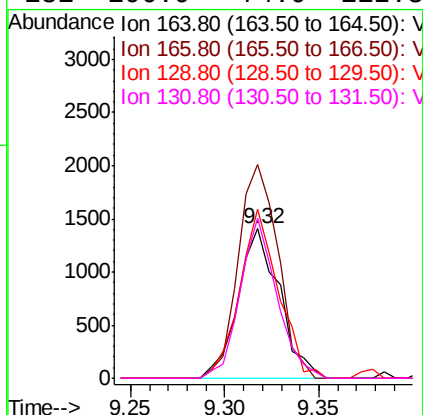
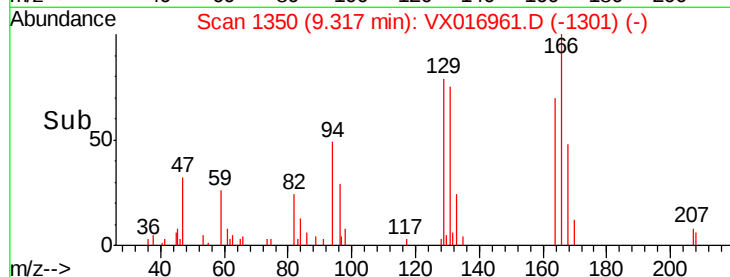
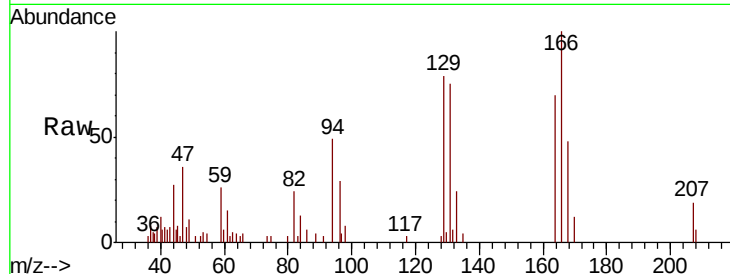
#64
Tetrachloroethene
Concen: 0.709 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	142.9	104.2	156.4
129	112.7	79.3	118.9
131	106.9	74.9	112.3

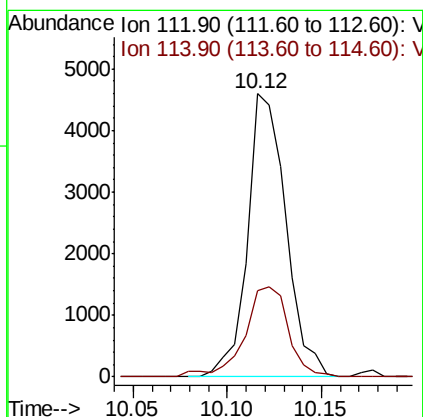
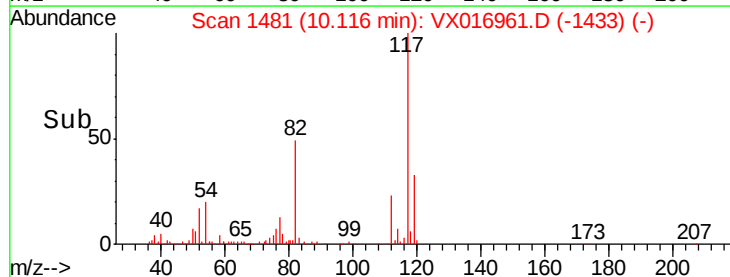
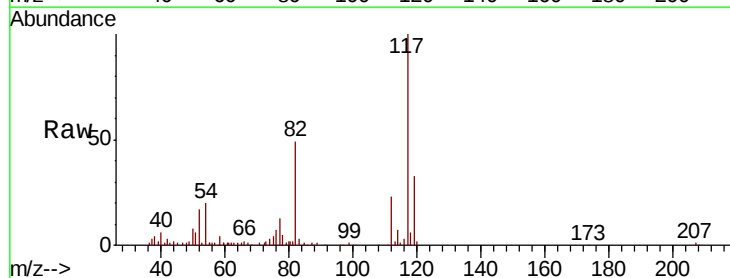
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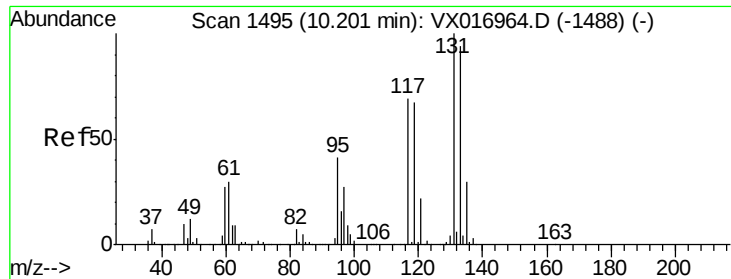
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#65
Chlorobenzene
Concen: 1.018 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.4	24.8	37.2





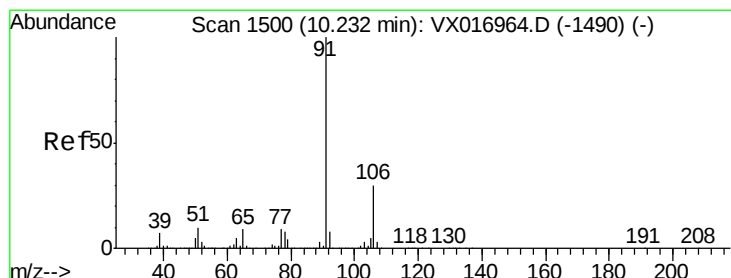
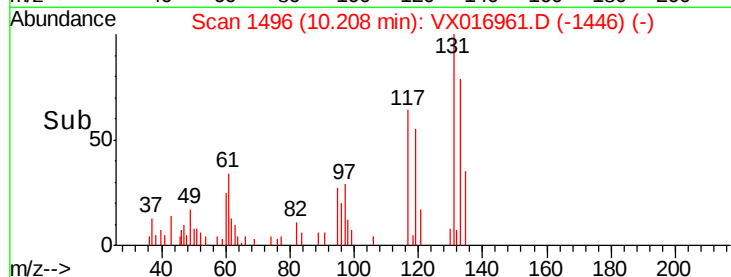
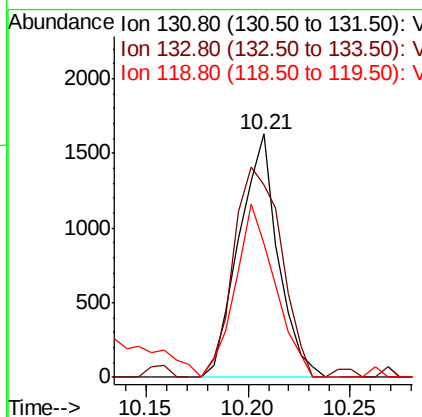
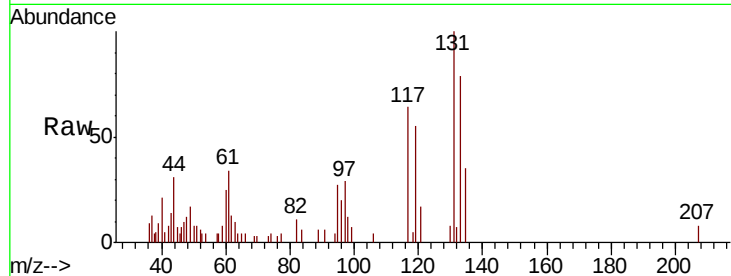
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.947 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	105.5	48.0	144.0
119	0.0	32.8	98.4#

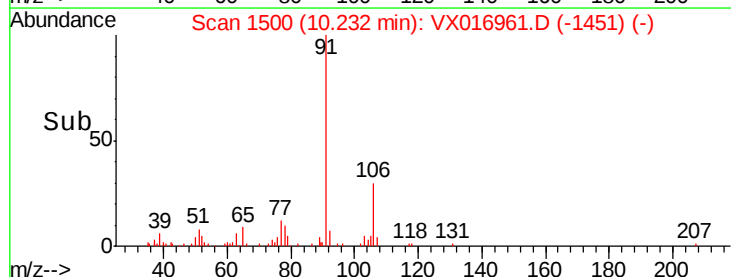
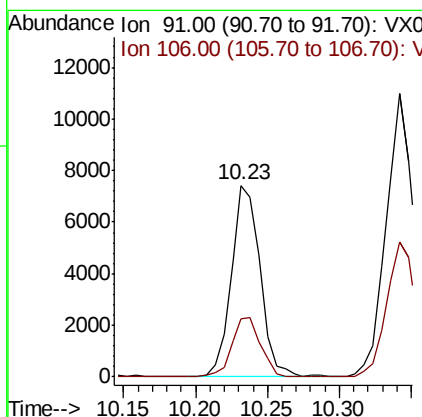
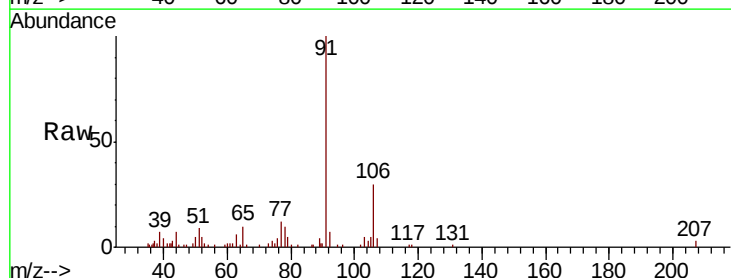
Manual Integrations
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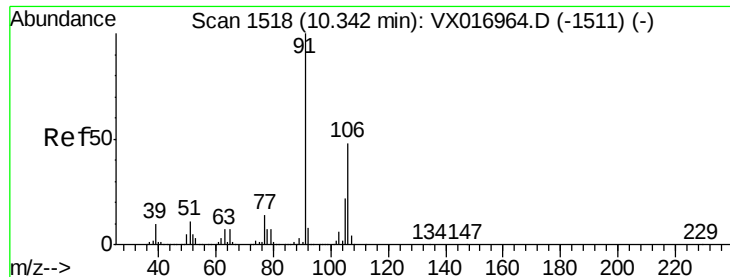
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#67
 Ethyl Benzene
 Concen: 0.884 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.1	36.1





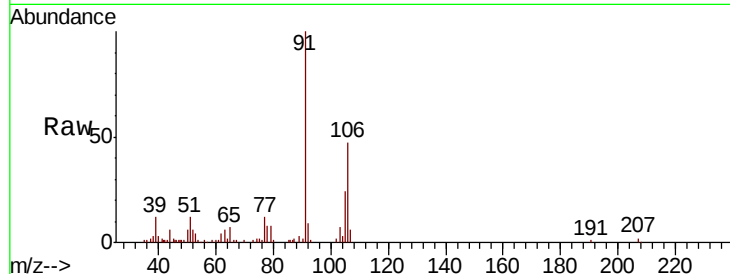
#68
m/p-Xylenes
Concen: 1.695 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

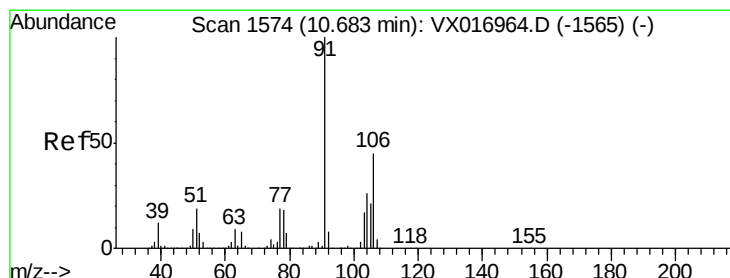
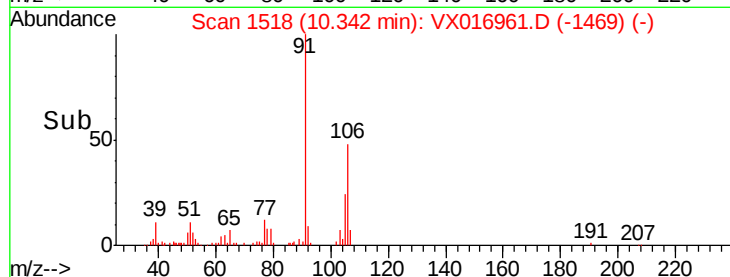
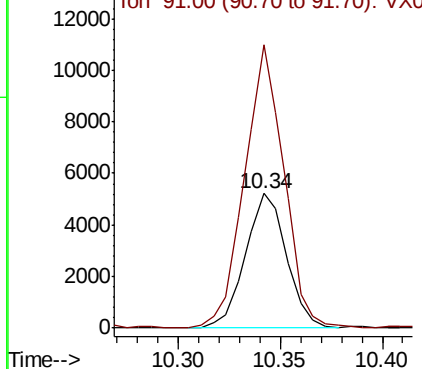
Tot Ion:106 Resp: 7310
Ion Ratio Lower Upper
106 100
91 201.6 164.1 246.1

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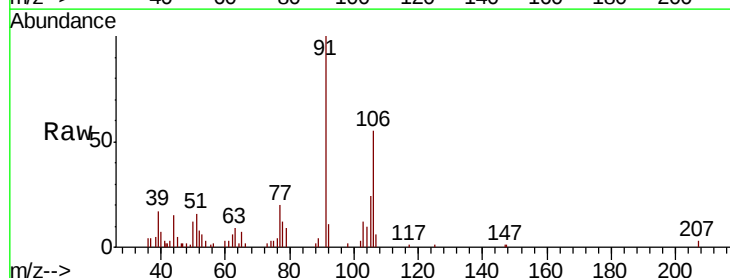


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

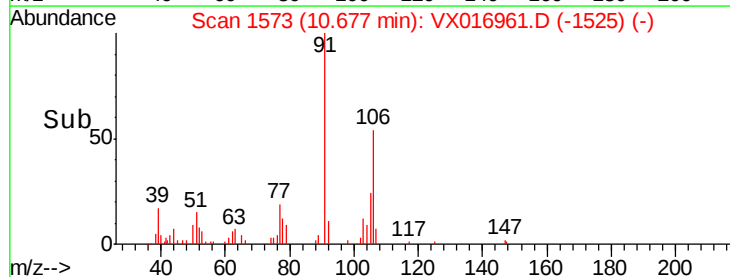
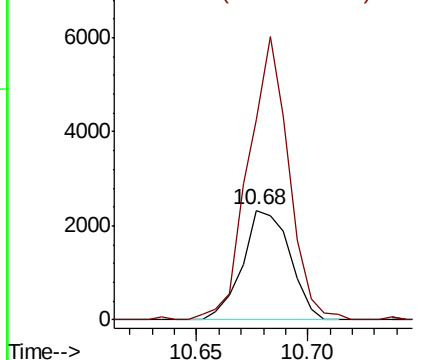


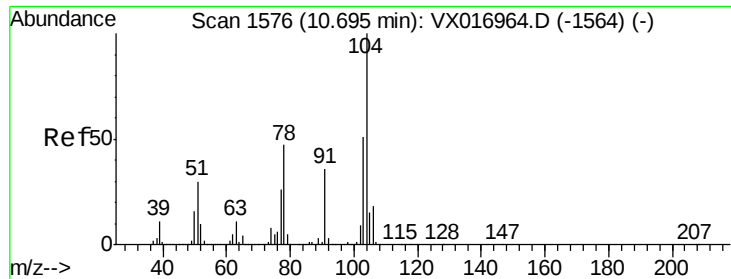
#69
o-Xylene
Concen: 0.823 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion:106 Resp: 3450
Ion Ratio Lower Upper
106 100
91 221.1 109.1 327.2



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





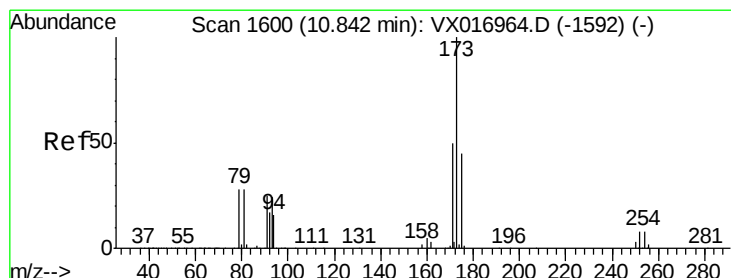
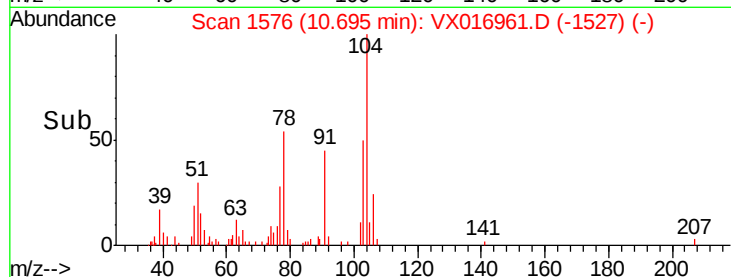
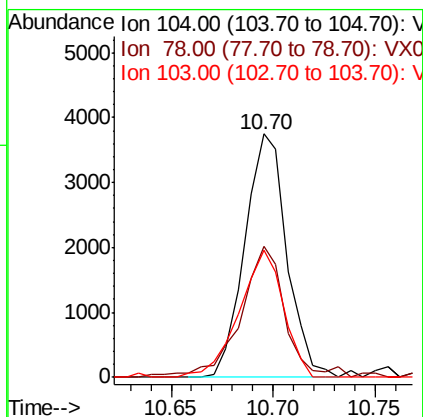
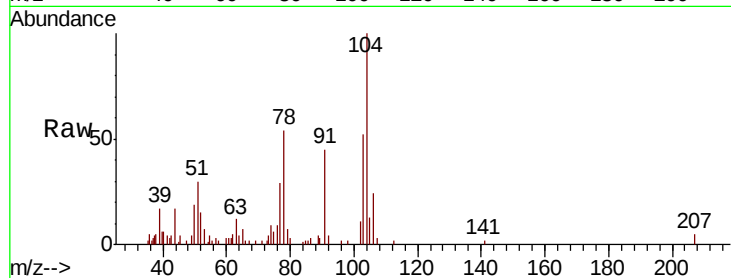
#70
Stvrene
Concen: 0.743 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	58.5	41.9	62.9
103	54.9	43.9	65.9

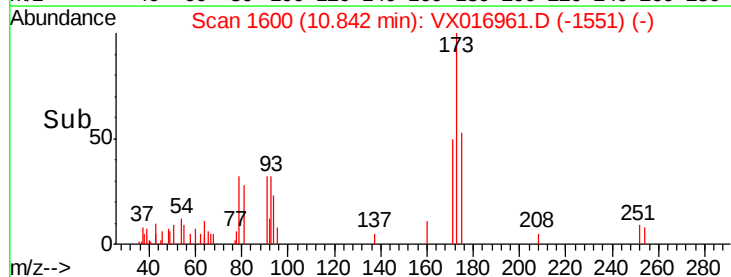
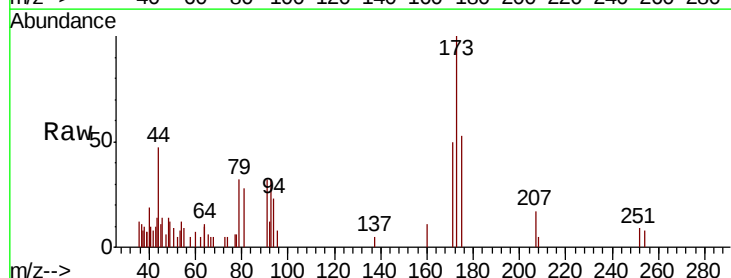
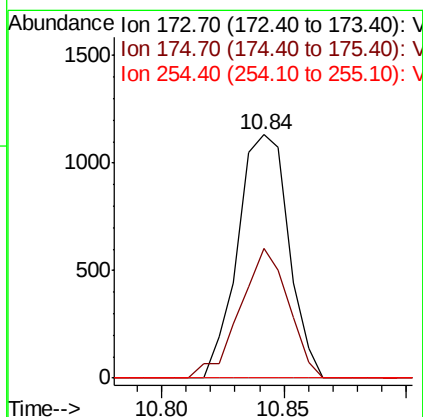
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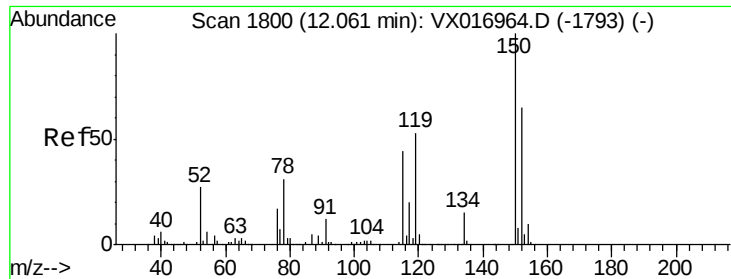
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#71
Bromoform
Concen: 1.023 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.8	23.4	70.2
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

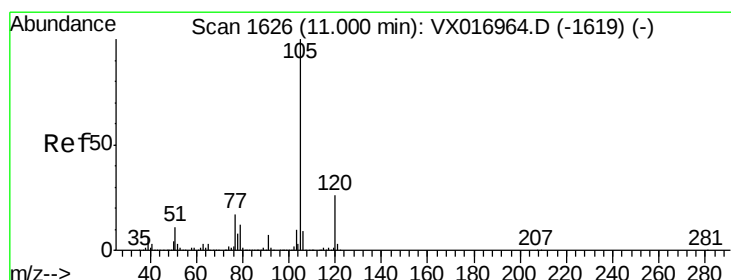
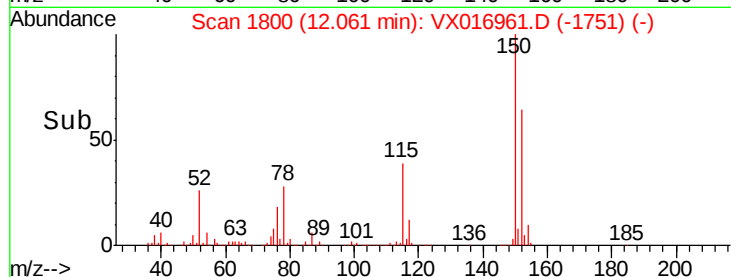
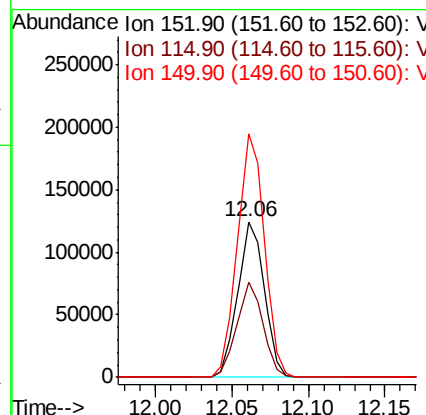
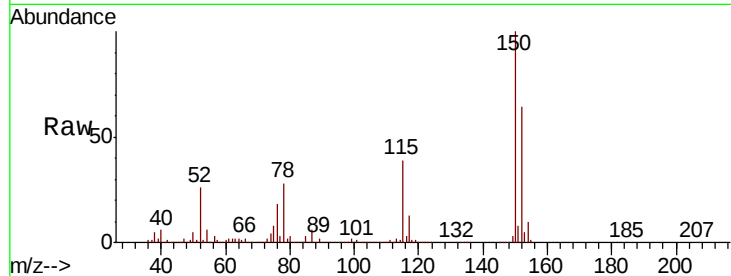
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	150073
Ion Ratio	Lower	Upper	
152	100		
115	60.4	42.8	128.4
150	159.1	0.0	347.8

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#73

Isopropylbenzene

Concen: 0.797 ug/l

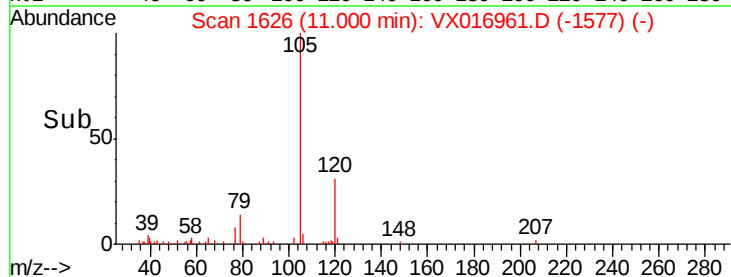
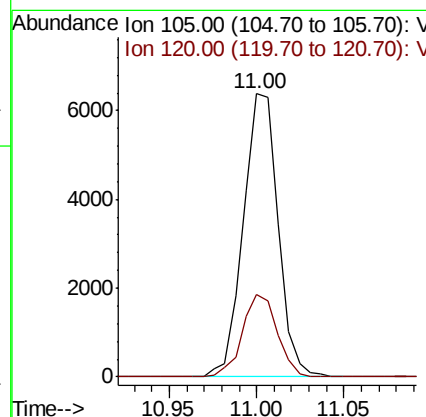
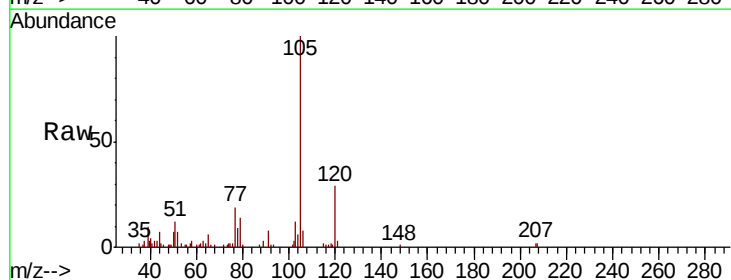
RT: 11.00 min Scan# 1626

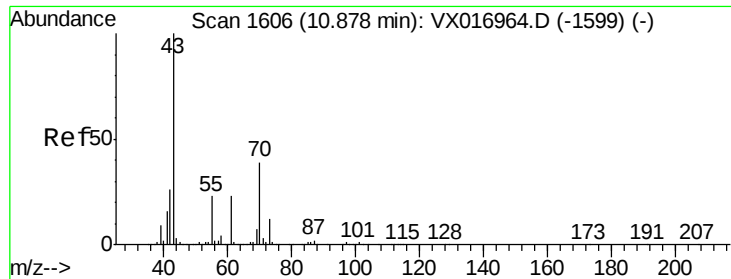
Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	105	Resp:	8795
Ion Ratio	Lower	Upper	
105	100		
120	29.2	13.1	39.1





#74

N-amvl acetate

Concen: 0.760 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

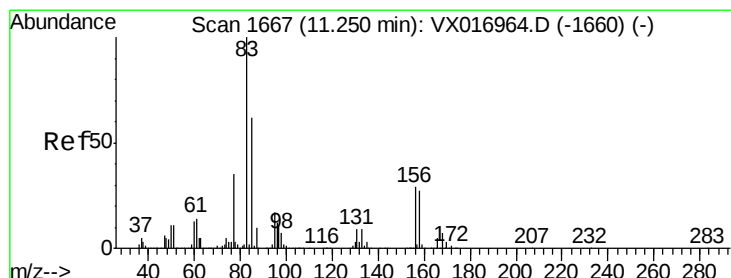
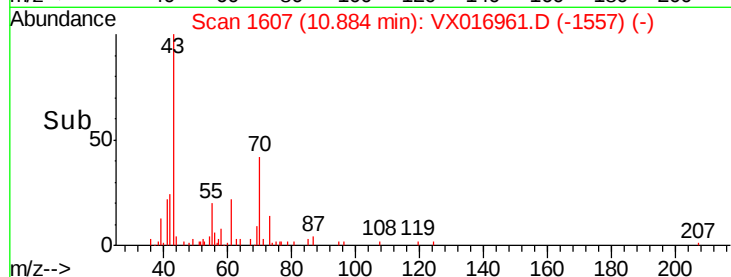
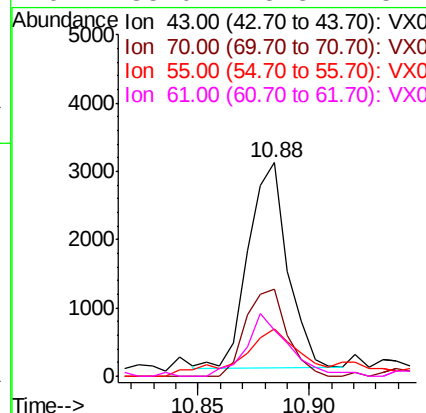
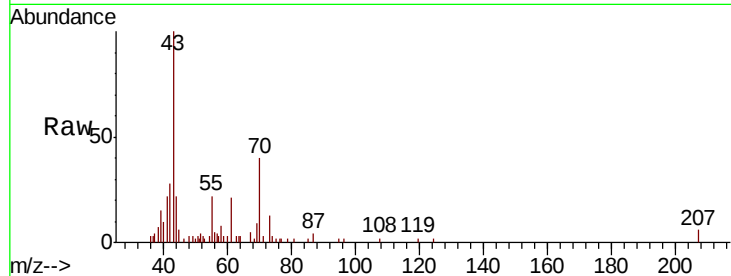
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	44.3	32.1	48.1
55	33.6	18.6	28.0
61	33.0	18.8	28.2

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.309 ug/l

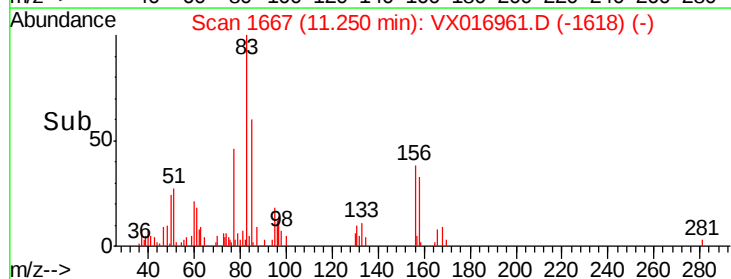
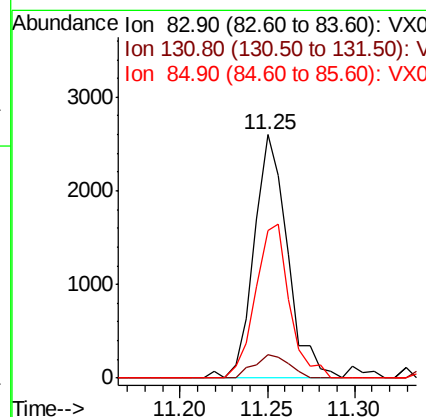
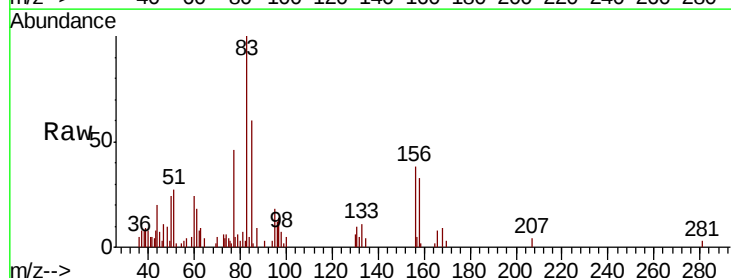
RT: 11.25 min Scan# 1667

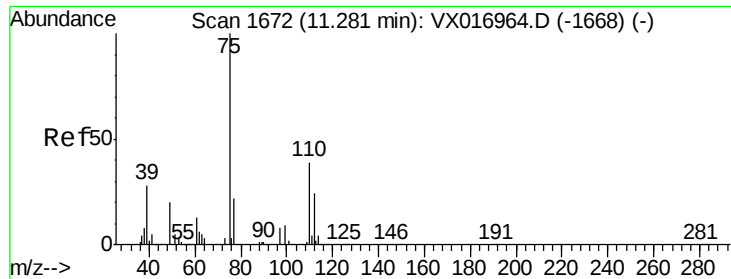
Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	64.2	32.0	96.2





#76

1,2,3-Trichloropropane

Concen: 0.814 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 2620

Ion Ratio Lower Upper

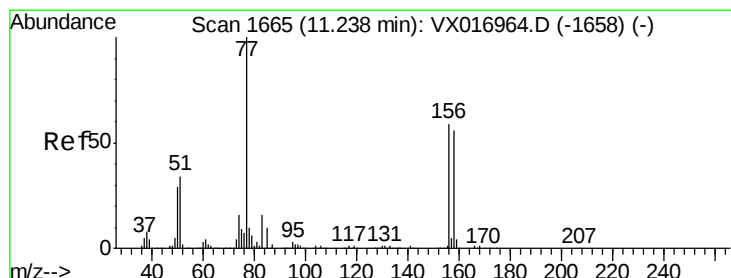
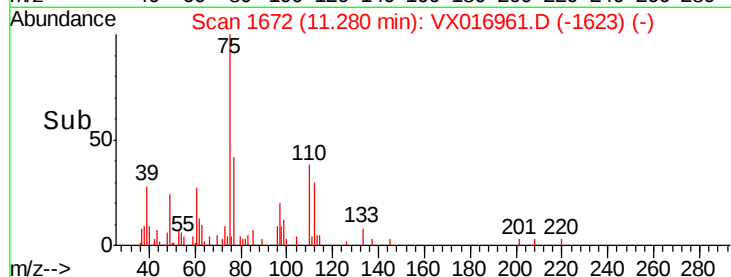
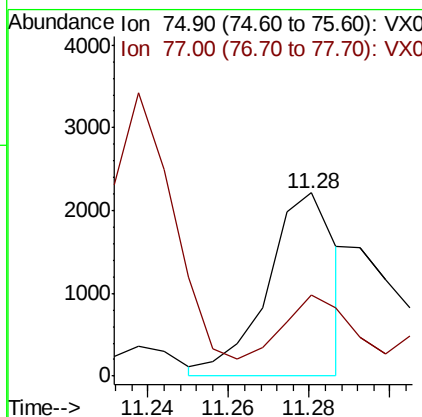
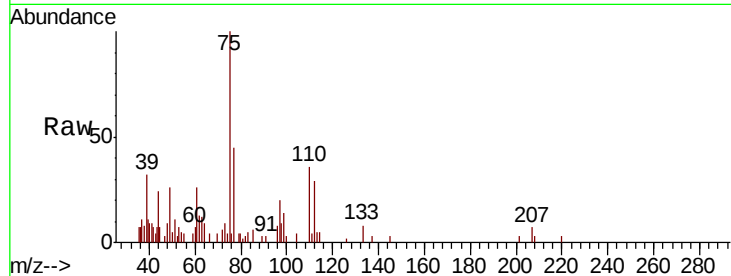
75 100

77 63.1 20.3 61.0#

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#77

Bromobenzene

Concen: 1.078 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

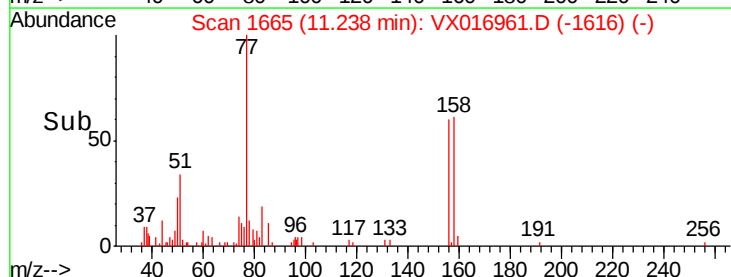
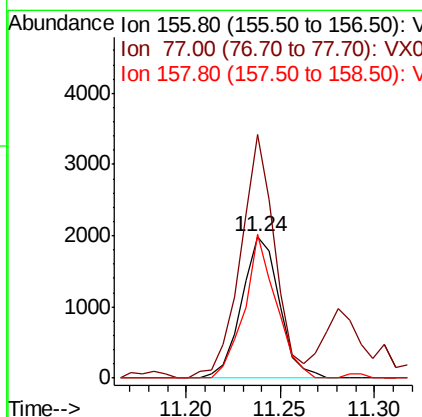
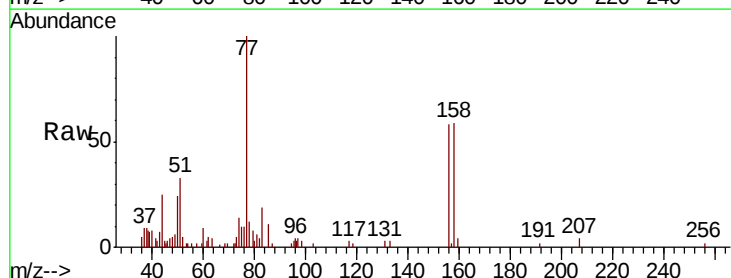
Tgt Ion: 156 Resp: 2747

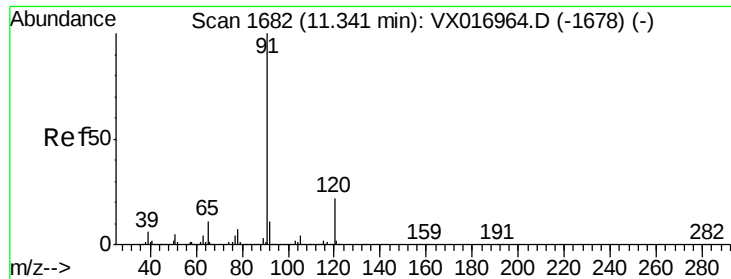
Ion Ratio Lower Upper

156 100

77 156.9 85.2 255.6

158 85.8 48.3 144.9





#78

n-propylbenzene

Concen: 0.834 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10884

Ion Ratio Lower Upper

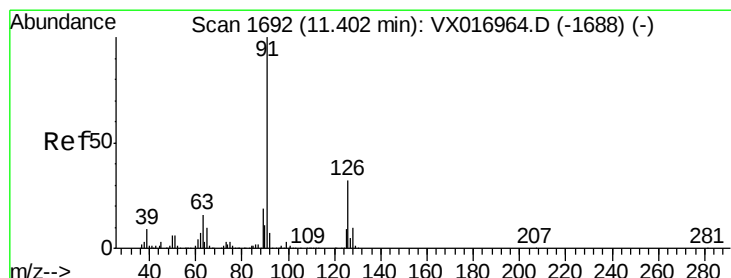
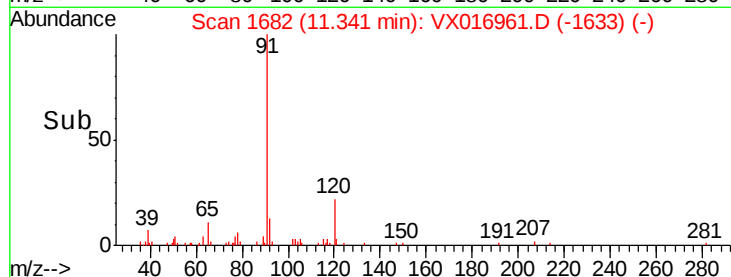
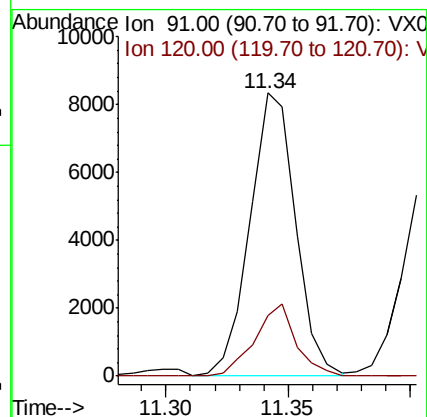
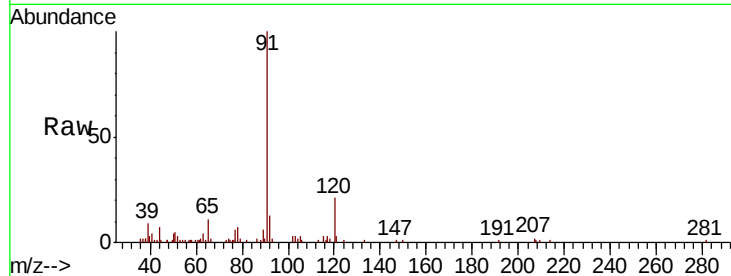
91 100

120 23.1 11.3 33.8

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#79

2-Chlorotoluene

Concen: 0.882 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016961.D

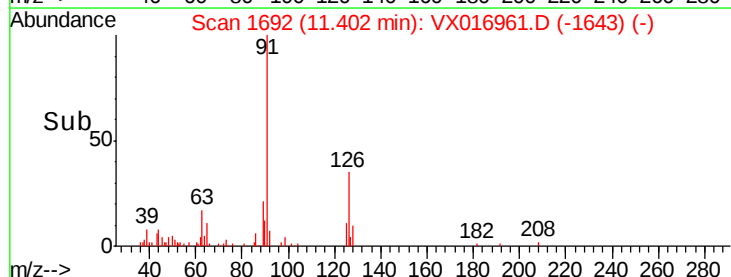
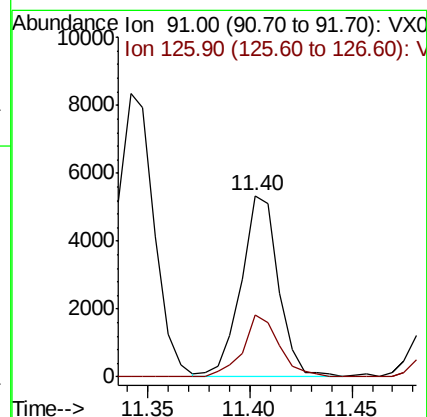
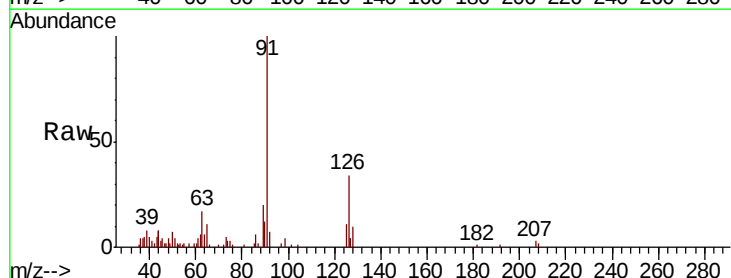
Acq: 25 Jun 2020 18:29

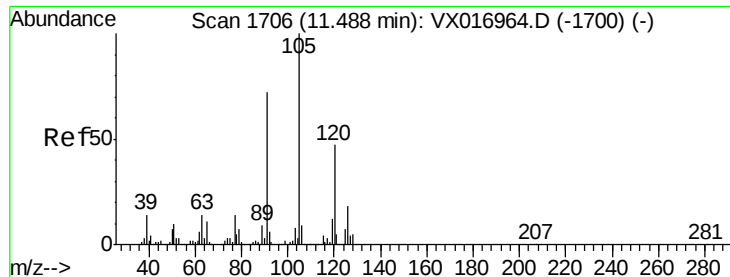
Tgt Ion: 91 Resp: 6779

Ion Ratio Lower Upper

91 100

126 33.1 16.6 49.8





#80

1,3,5-Trimethylbenzene

Concen: 0.729 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 6834

Ion Ratio Lower Upper

105 100

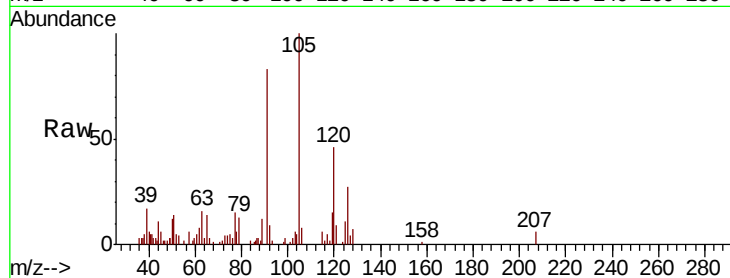
120 52.4 24.2 72.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

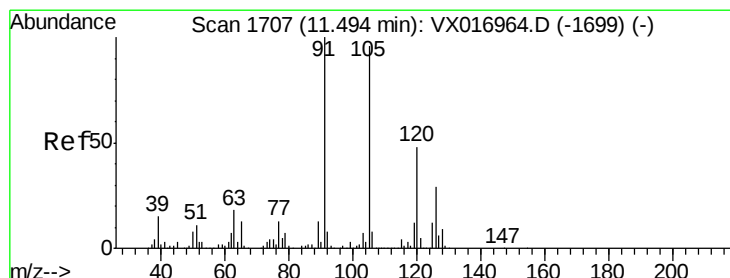
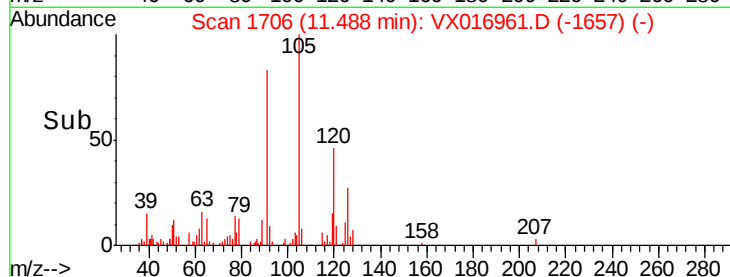
2000

1000

0

11.45 11.50 11.55

Time-->



#82

4-Chlorotoluene

Concen: 0.828 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016961.D

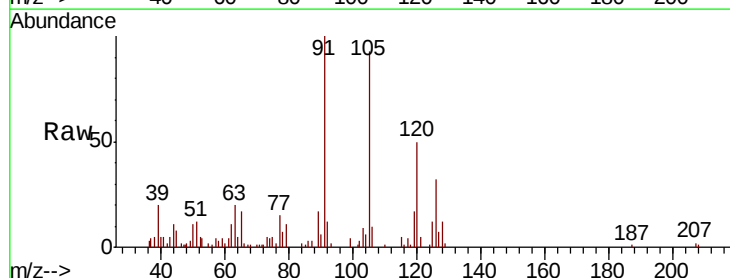
Acq: 25 Jun 2020 18:29

Tgt Ion: 91 Resp: 7610

Ion Ratio Lower Upper

91 100

126 33.6 14.6 44.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

6000

5000

4000

3000

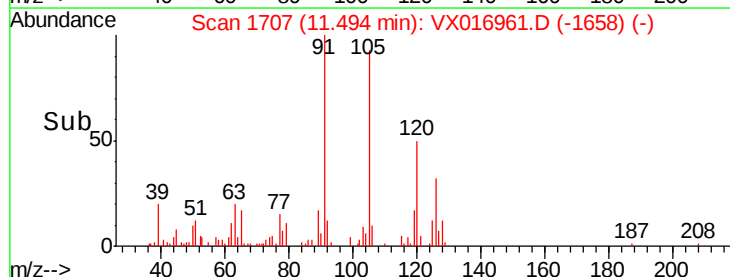
2000

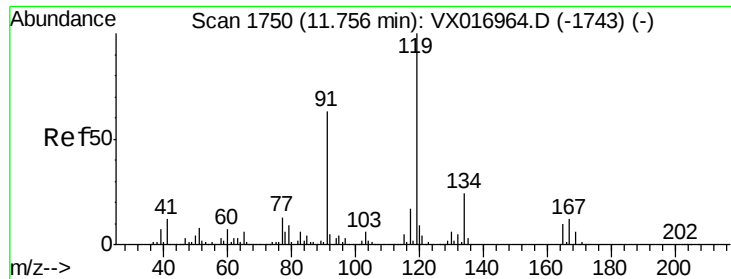
1000

0

11.40 11.45 11.50 11.55

Time-->





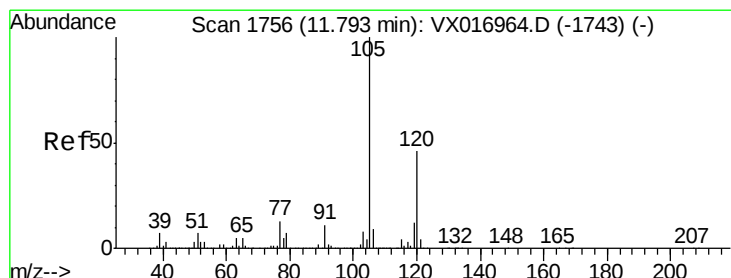
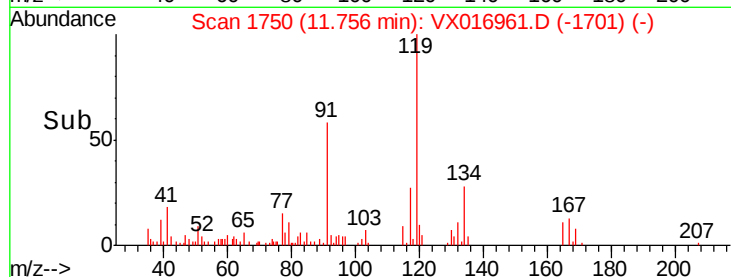
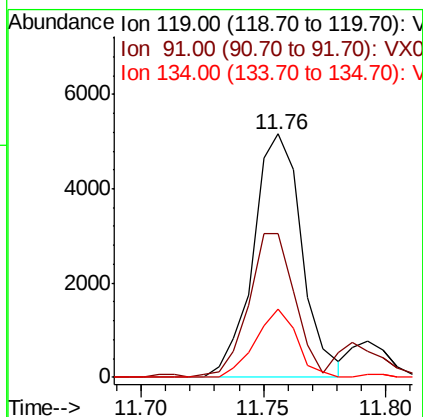
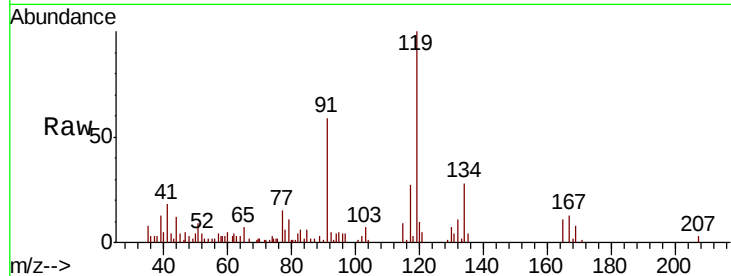
#83
tert-Butylbenzene
Concen: 0.888 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	30.0	90.0
134	23.9	11.8	35.3

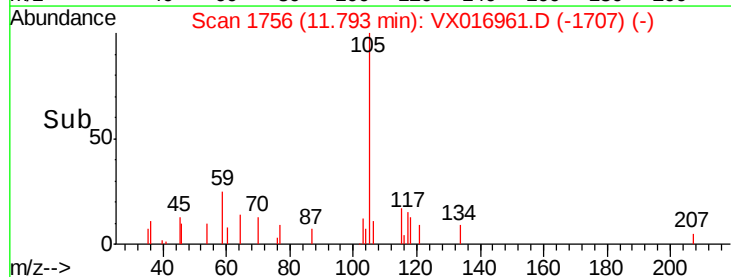
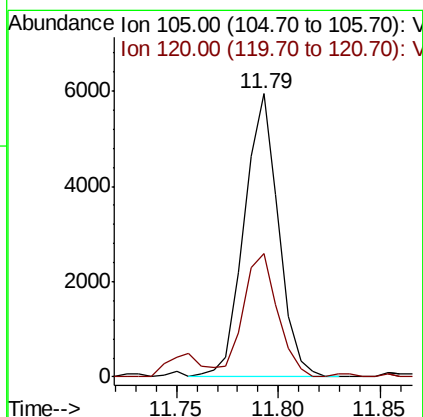
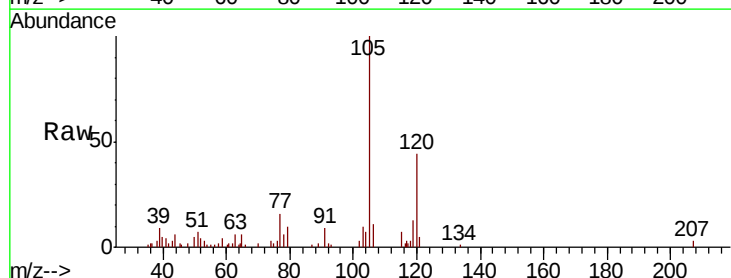
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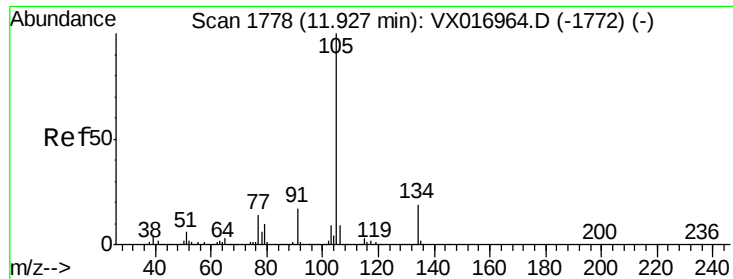
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 0.720 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.4	67.3





#85

sec-Butylbenzene

Concen: 0.744 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 8034

Ion Ratio Lower Upper

105 100

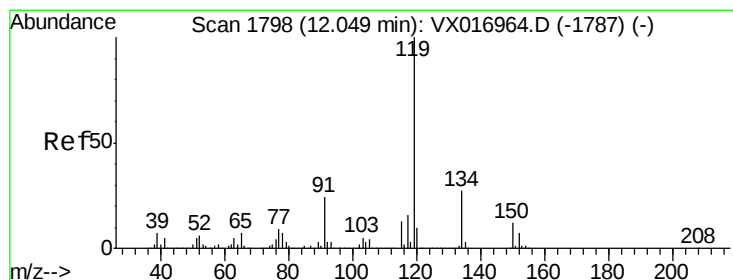
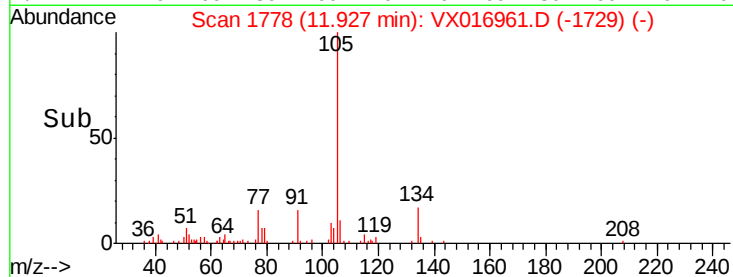
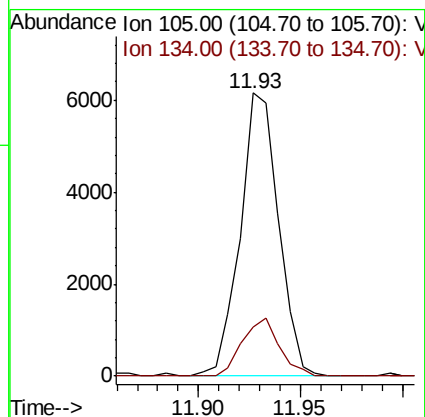
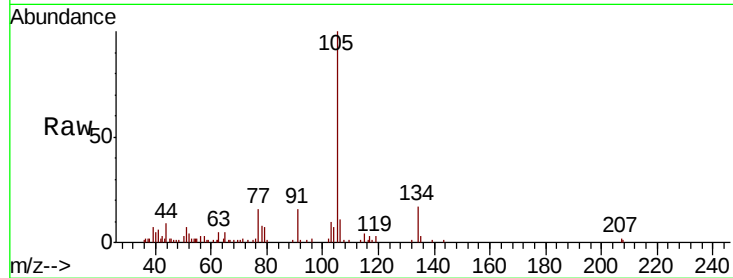
134 19.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 0.742 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

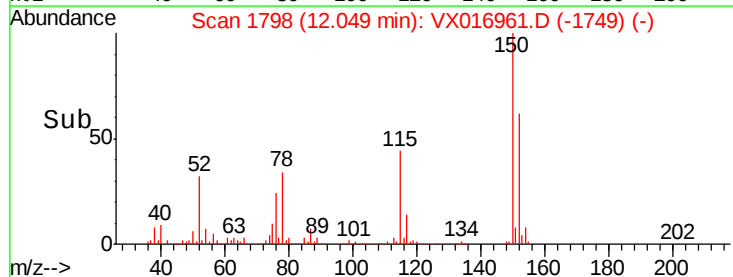
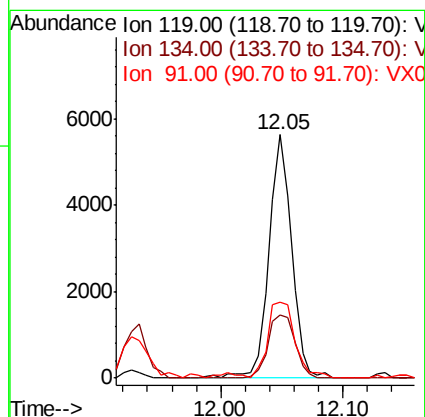
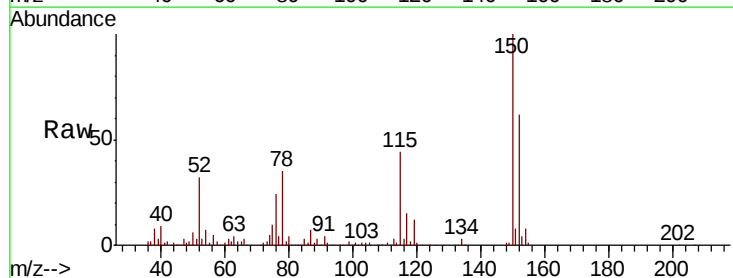
Tgt Ion:119 Resp: 7309

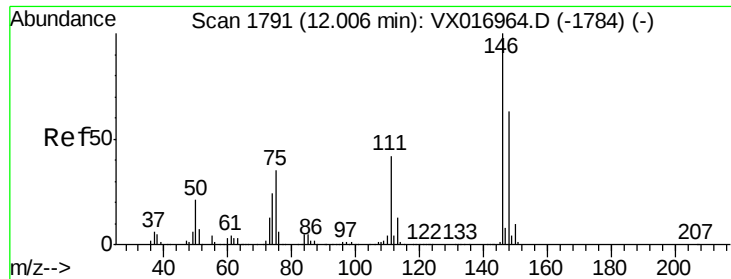
Ion Ratio Lower Upper

119 100

134 30.7 13.1 39.3

91 37.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 1.053 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Instrument :

MSVOA_X

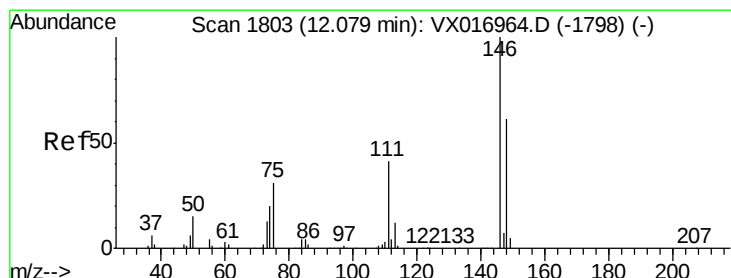
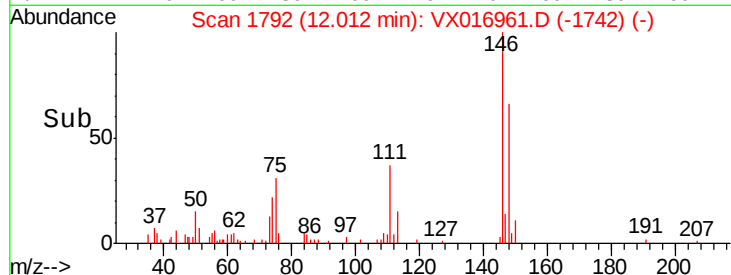
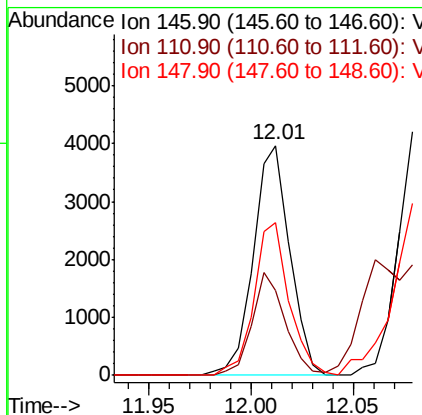
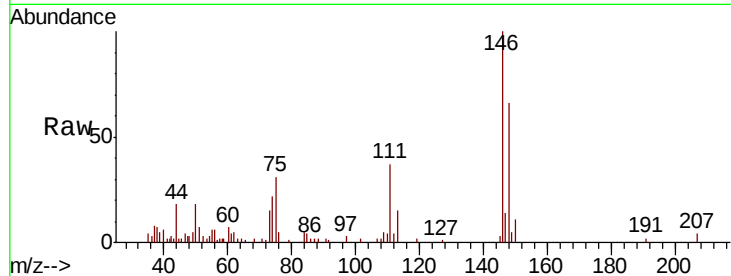
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	4934
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.9
148	64.3	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 1.080 ug/l m

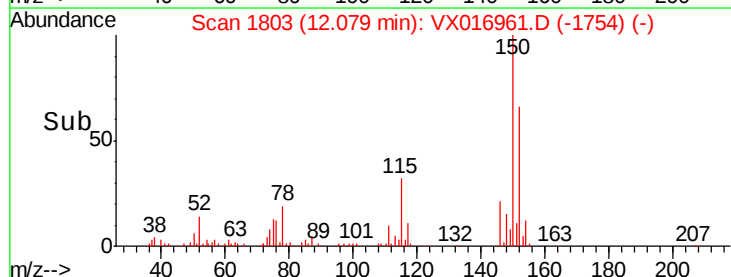
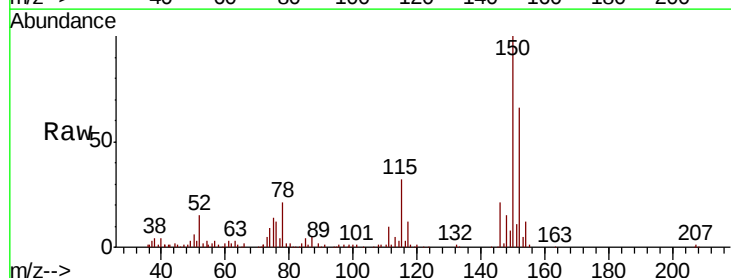
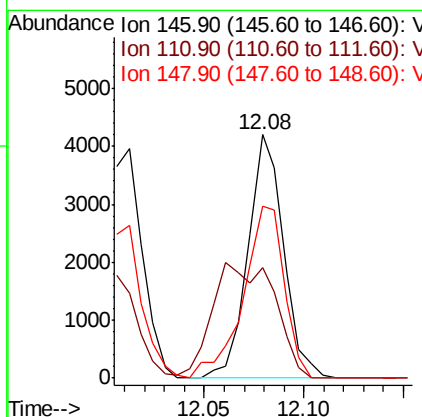
RT: 12.08 min Scan# 1803

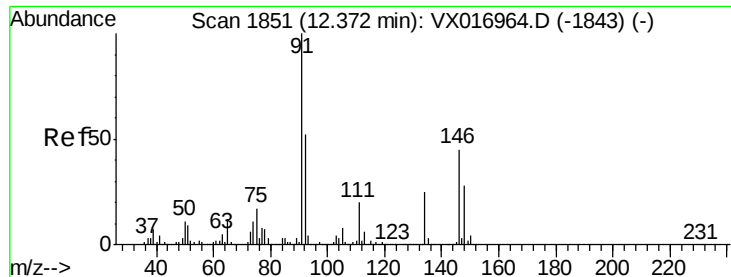
Delta R.T. -0.00 min

Lab File: VX016961.D

Acq: 25 Jun 2020 18:29

Tgt Ion:	146	Resp:	5207
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	60.9	31.3	93.9





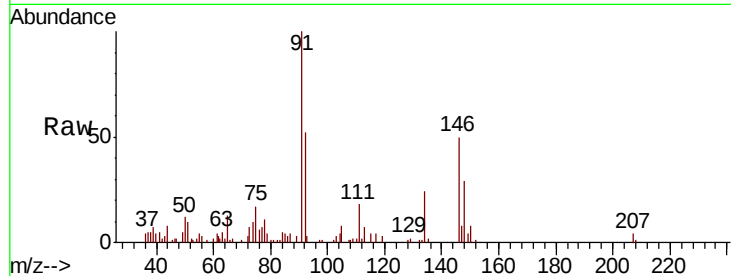
#89
n-Butylbenzene
Concen: 0.864 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.7	26.6	79.7
134	24.1	12.6	37.8

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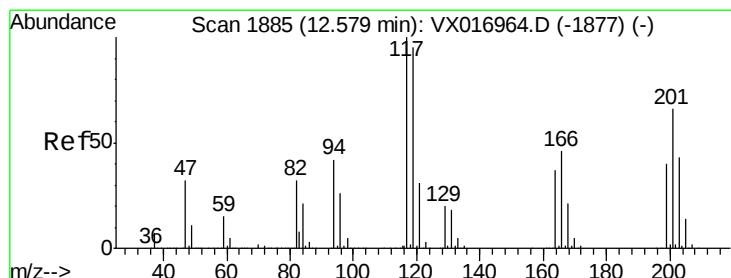
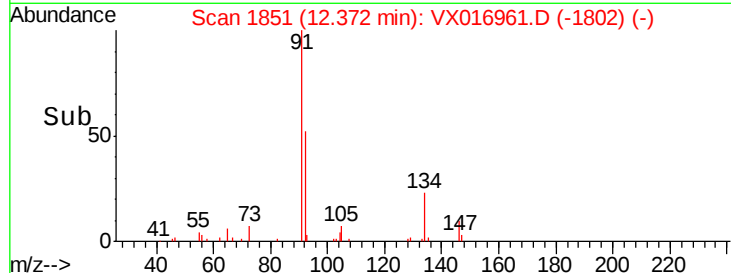
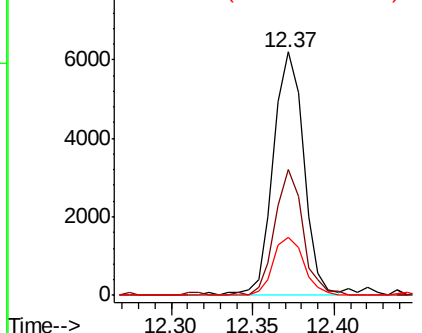


Abundance

Ion 91.00 (90.70 to 91.70): VX016961.D (-1843) (-)

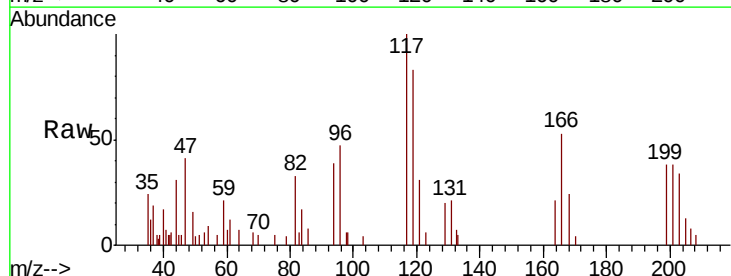
Ion 92.00 (91.70 to 92.70): VX016961.D (-1843) (-)

Ion 134.00 (133.70 to 134.70): VX016961.D (-1843) (-)



#90
Hexachloroethane
Concen: 1.187 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

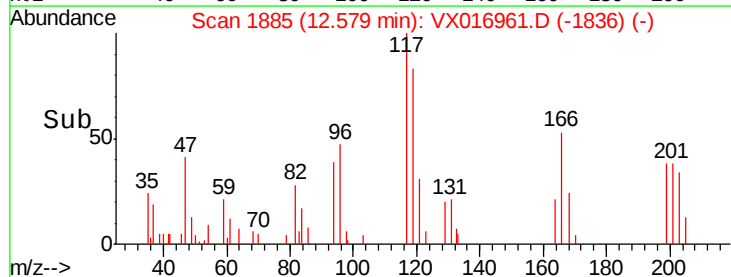
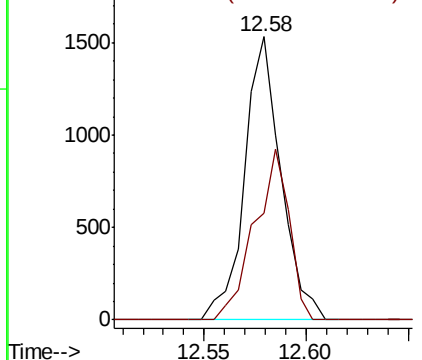
Tgt Ion	Ratio	Lower	Upper
117	100		
201	57.3	34.0	102.0

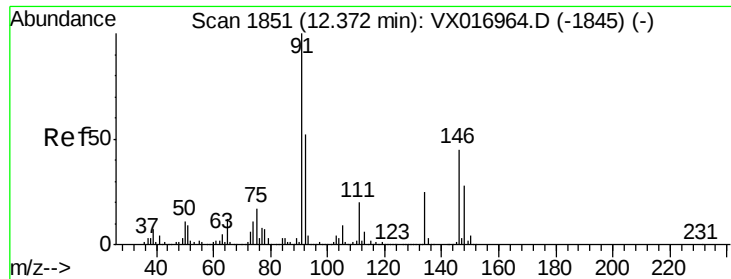


Abundance

Ion 116.80 (116.50 to 117.50): VX016961.D (-1877) (-)

Ion 200.70 (200.40 to 201.40): VX016961.D (-1877) (-)





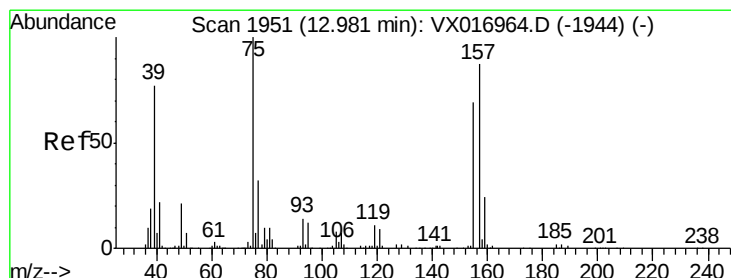
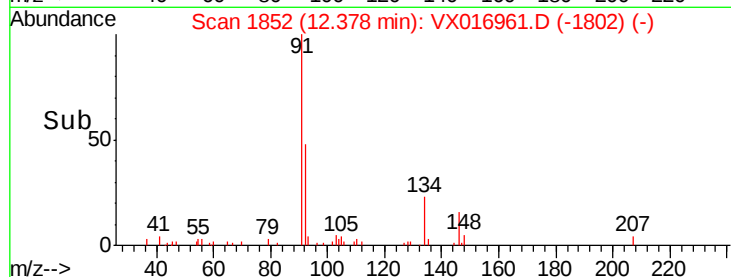
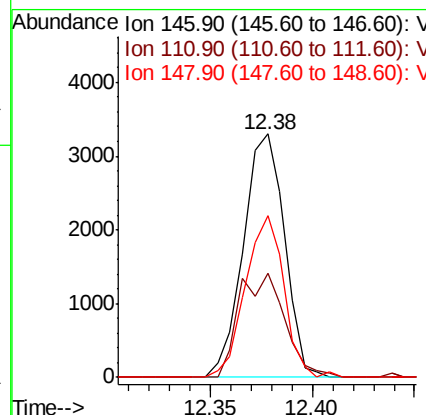
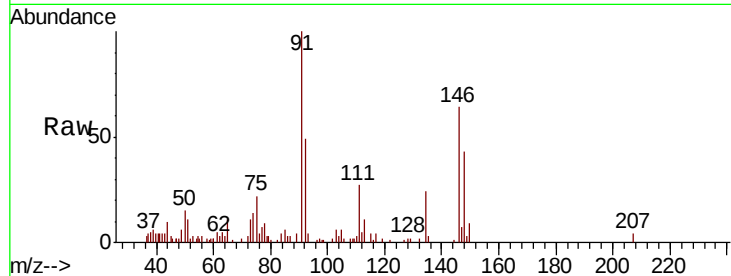
#91
 1,2-Dichlorobenzene
 Concen: 1.027 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.5	21.6	64.6
148	62.3	31.9	95.7

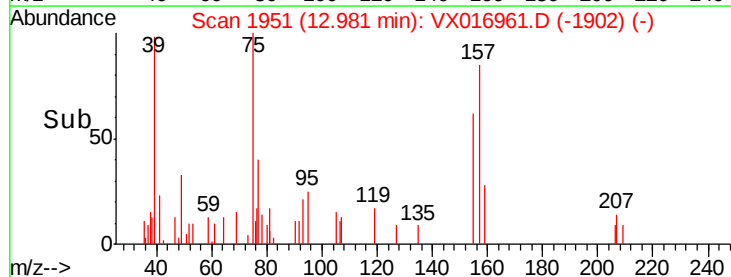
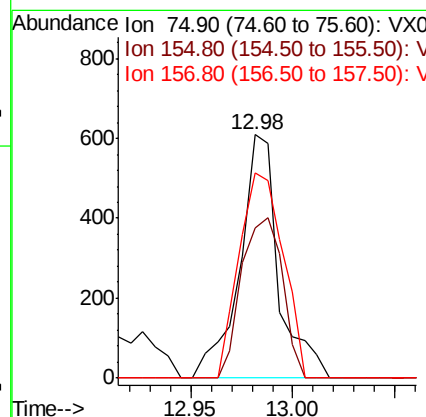
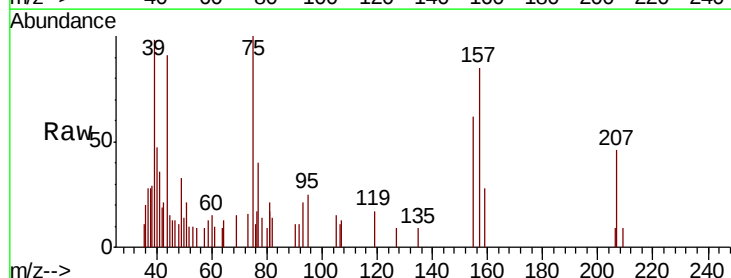
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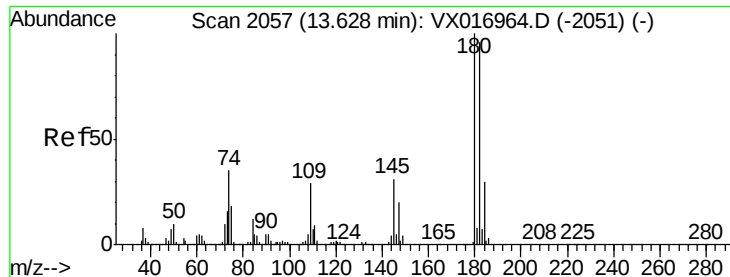
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.008 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	39.0	117.0
157	95.3	50.0	150.1





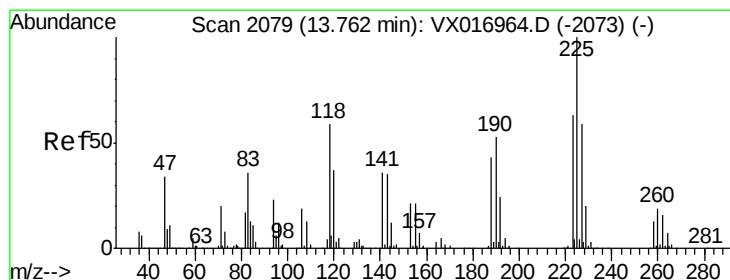
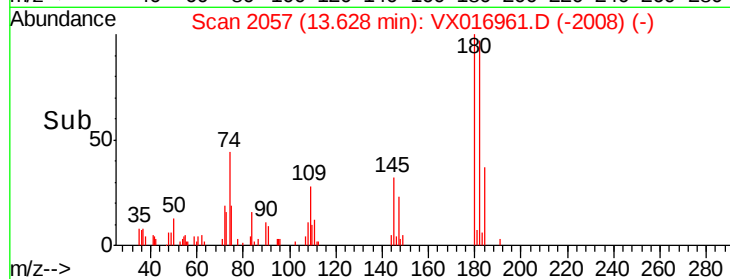
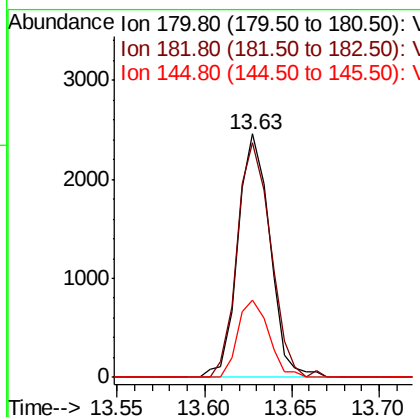
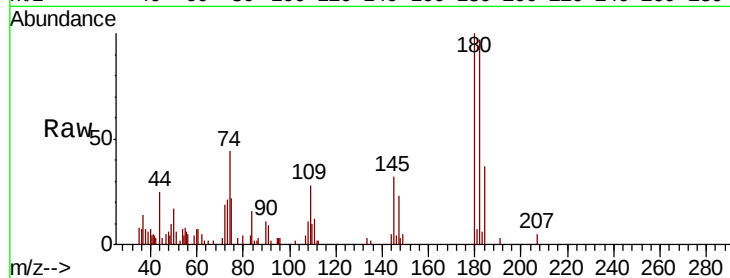
#93
 1,2,4-Trichlorobenzene
 Concen: 1.078 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.3	46.4	139.1
145	30.6	15.5	46.5

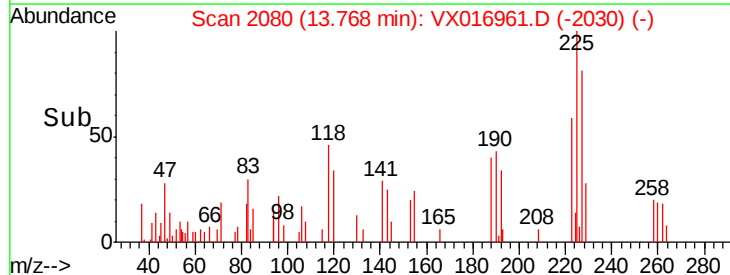
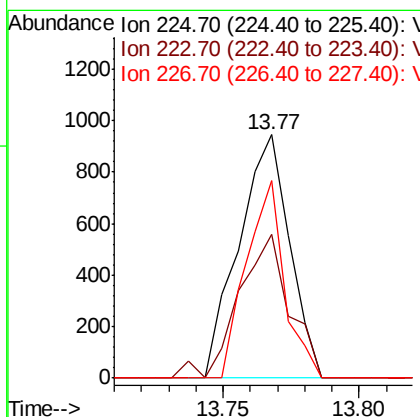
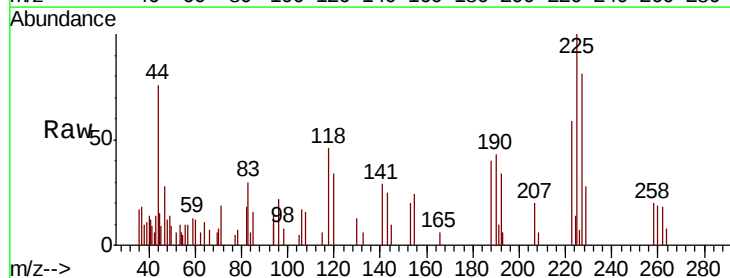
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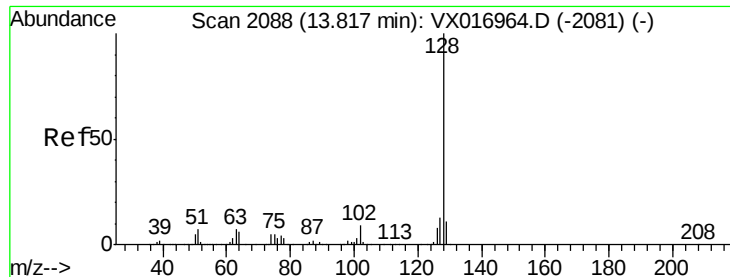
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 1.183 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016961.D
 Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.2	31.1	93.2
227	60.8	30.3	90.9





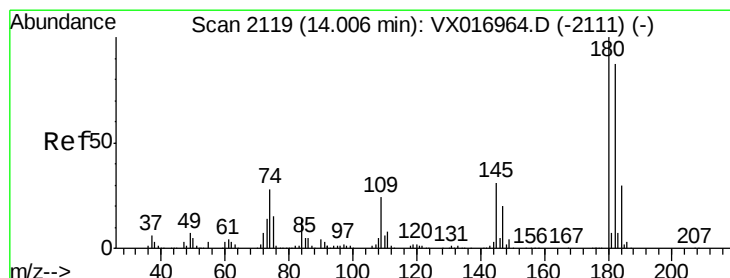
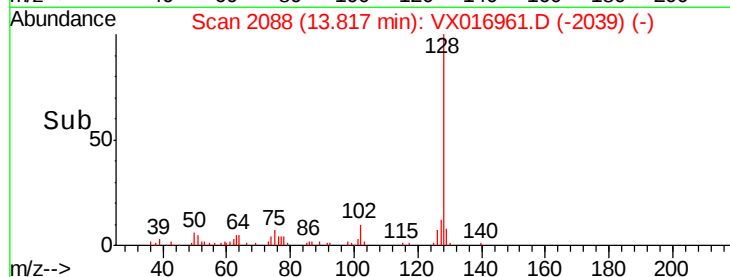
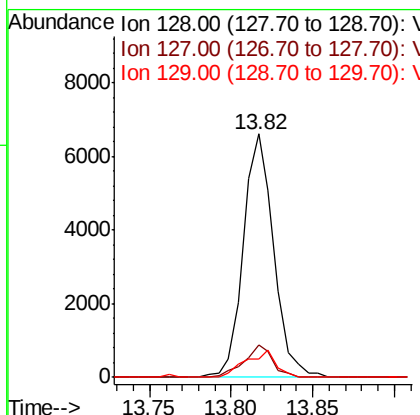
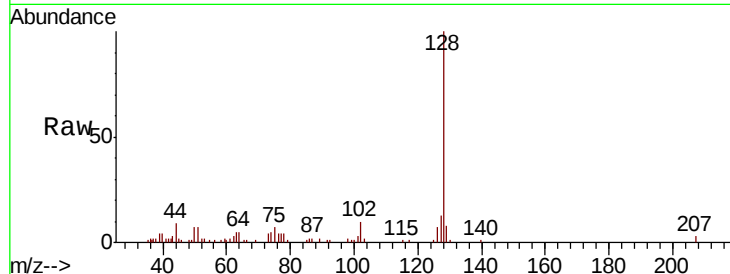
#95
Naphthalene
Concen: 0.818 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.992 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016961.D
Acq: 25 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	47.8	143.3
145	33.4	16.9	50.6

