

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016559.D
 Acq On : 03 Jun 2020 11:39
 Operator : JC/SP
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

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 6/4/2020 3:08:46 PM

Quant Time: Jun 04 08:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	285820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164213	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.47	113	130178	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.70	98	512528	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.12	95	190487	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50552	17.972	ug/l	98
3) Chloromethane	1.31	50	58047	17.077	ug/l	100
4) Vinyl Chloride	1.39	62	60765	16.904	ug/l	100
5) Bromomethane	1.63	94	38439	21.993	ug/l	97
6) Chloroethane	1.72	64	37168	17.725	ug/l	100
7) Trichlorofluoromethane	1.92	101	86689	18.363	ug/l	98
8) Diethyl Ether	2.17	74	34657	17.606	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48286	18.584	ug/l	100
10) Methyl Iodide	2.49	142	45548	16.832	ug/l	99
11) Tert butyl alcohol	3.00	59	66304	72.845	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49481	17.992	ug/l	97
13) Acrolein	2.27	56	42335	109.339	ug/l	98
14) Allyl chloride	2.71	41	85150	16.835	ug/l	98
15) Acrylonitrile	3.11	53	152336	81.703	ug/l	99
16) Acetone	2.42	43	130764	84.086	ug/l	99
17) Carbon Disulfide	2.55	76	135778	16.625	ug/l	100
18) Methyl Acetate	2.75	43	68917	17.279	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	175314	17.752	ug/l	96
20) Methylene Chloride	2.83	84	56263	17.487	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53665	17.641	ug/l	93
22) Diisopropyl ether	3.82	45	166655	17.152	ug/l	90
23) Vinyl Acetate	3.78	43	717901	84.413	ug/l	100
24) 1,1-Dichloroethane	3.67	63	95894	17.486	ug/l	100
25) 2-Butanone	4.63	43	204990	77.792	ug/l	98
26) 2,2-Dichloropropane	4.55	77	88579	19.739	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	61637	17.514	ug/l	99
28) Bromochloromethane	4.98	49	45401	17.815	ug/l	93
29) Tetrahydrofuran	5.09	42	133571	78.461	ug/l	96
30) Chloroform	5.17	83	97160	17.583	ug/l	95
31) Cyclohexane	5.54	56	82618	16.746	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	88936	17.778	ug/l	100
36) 1,1-Dichloropropene	5.76	75	73680	17.934	ug/l	97
37) Ethyl Acetate	4.79	43	80050	16.229	ug/l	98
38) Carbon Tetrachloride	5.76	117	79481	18.409	ug/l	99

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Manual Integrations
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 6/4/2020 3:08:46 PM

Quant Time: Jun 04 08:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82816	18.559	ug/l	98
40) Benzene	6.11	78	222289	18.169	ug/l	99
41) Methacrylonitrile	5.00	41	43798	16.166	ug/l	97
42) 1,2-Dichloroethane	6.16	62	77196	17.742	ug/l	98
43) Isopropyl Acetate	6.41	43	126855	16.488	ug/l	98
44) Trichloroethene	7.19	130	69821	17.987	ug/l	99
45) 1,2-Dichloropropane	7.49	63	56796	18.235	ug/l	94
46) Dibromomethane	7.63	93	36859	17.619	ug/l	98
47) Bromodichloromethane	7.87	83	77469	17.884	ug/l	99
48) Methyl methacrylate	7.74	41	60519	16.429	ug/l	97
49) 1,4-Dioxane	7.71	88	25471	295.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	400764	83.657	ug/l	98
52) Toluene	8.76	92	141808	18.381	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	88636	17.995	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	96639	18.536	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	56489	18.415	ug/l	96
56) Ethyl methacrylate	9.16	69	89325	17.880	ug/l	97
57) 1,3-Dichloropropane	9.35	76	95780	18.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	234461	89.914	ug/l	99
59) 2-Hexanone	9.47	43	308355	82.770	ug/l	99
60) Dibromochloromethane	9.56	129	64066	18.559	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59066	17.981	ug/l	99
64) Tetrachloroethene	9.32	164	81554	18.262	ug/l	99
65) Chlorobenzene	10.12	112	150283	18.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	58019	18.677	ug/l	100
67) Ethyl Benzene	10.23	91	263457	18.184	ug/l	100
68) m/p-Xylenes	10.34	106	200728	37.366	ug/l	98
69) o-Xylene	10.68	106	95371	18.332	ug/l	99
70) Styrene	10.70	104	163970	18.336	ug/l	99
71) Bromoform	10.84	173	46632	17.762	ug/l #	99
73) Isopropylbenzene	11.00	105	257264	19.465	ug/l	100
74) N-amyl acetate	10.88	43	105703	17.387	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	61044	18.429	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	77804m	18.556	ug/l	
77) Bromobenzene	11.24	156	65456	18.882	ug/l	97
78) n-propylbenzene	11.34	91	284701	19.281	ug/l	100
79) 2-Chlorotoluene	11.40	91	171426	19.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	214369	19.425	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	30472	17.877	ug/l	97
82) 4-Chlorotoluene	11.49	91	203178	19.089	ug/l	100
83) tert-Butylbenzene	11.76	119	186125	19.738	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	217398	19.479	ug/l	100
85) sec-Butylbenzene	11.93	105	233195	19.713	ug/l	100
86) p-Isopropyltoluene	12.05	119	222184	20.051	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113937	18.971	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115674	18.832	ug/l	99
89) n-Butylbenzene	12.37	91	177707	19.254	ug/l	98
90) Hexachloroethane	12.58	117	35534	18.565	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	109492	18.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18212	16.974	ug/l	99

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ClientSampleId :
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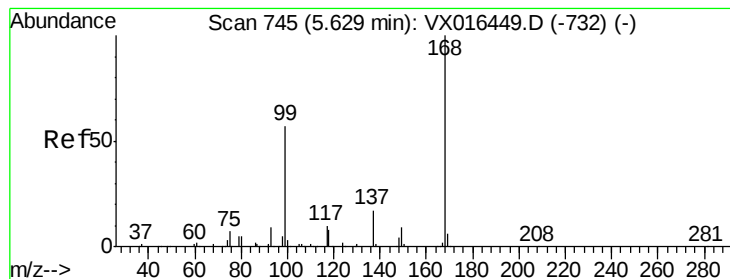
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	76314	19.748	ug/l	98
94) Hexachlorobutadiene	13.77	225	34869	22.982	ug/l	98
95) Naphthalene	13.82	128	238313	17.989	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	75526	19.949	ug/l	99

(#) = 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: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion:168 Resp: 285820

Ion Ratio Lower Upper

168 100

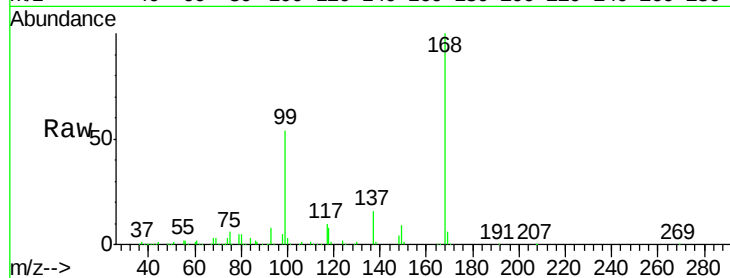
99 54.0 45.2 67.8

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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

120000

100000

80000

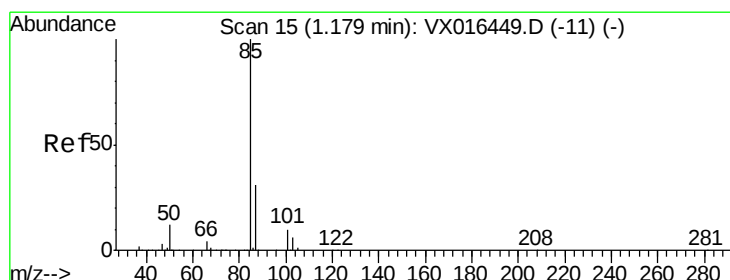
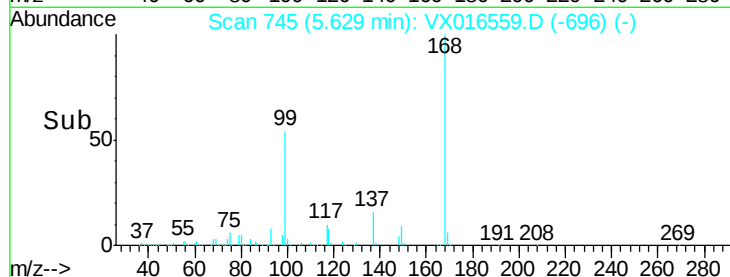
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.972 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016559.D

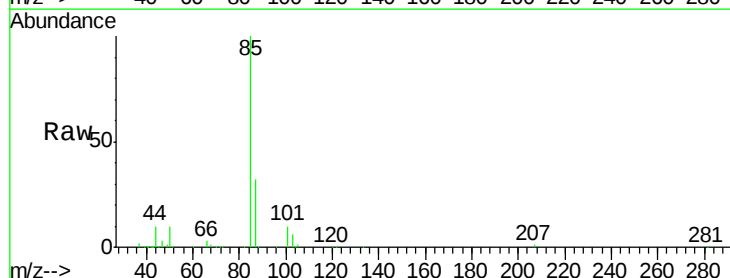
Acq: 03 Jun 2020 11:39

Tgt Ion: 85 Resp: 50552

Ion Ratio Lower Upper

85 100

87 32.0 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

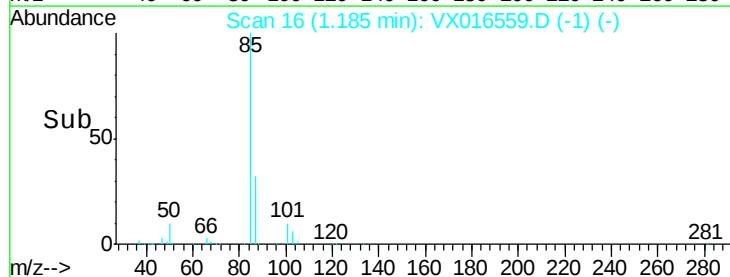
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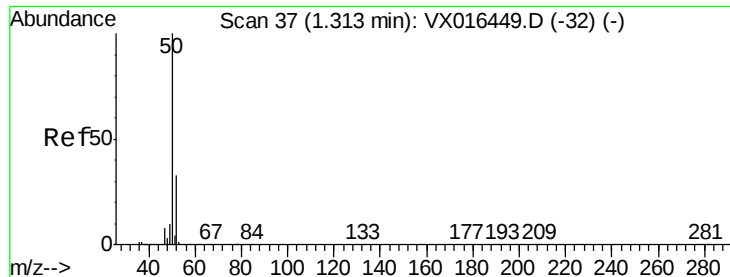
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.077 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 50 Resp: 58047

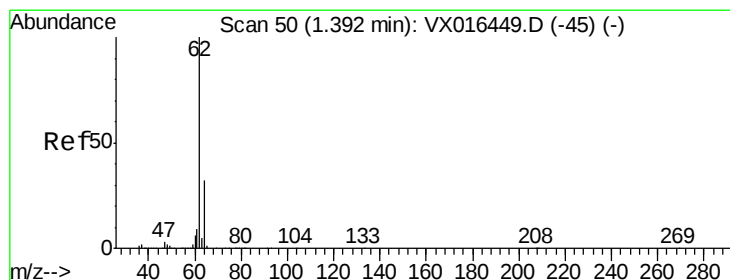
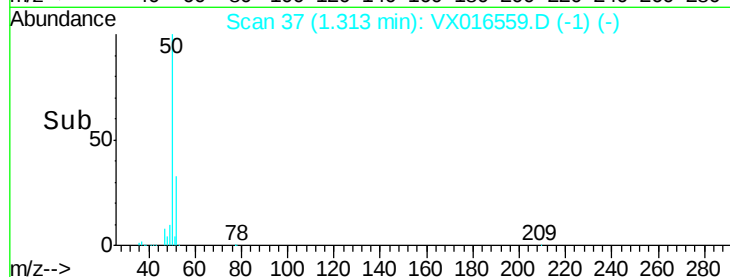
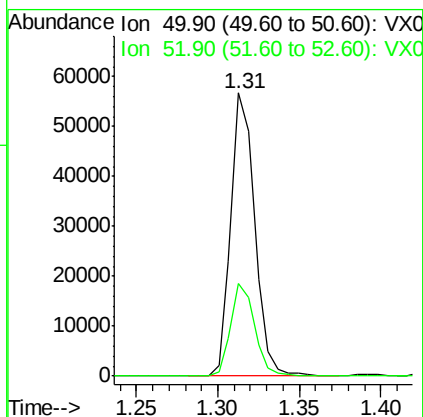
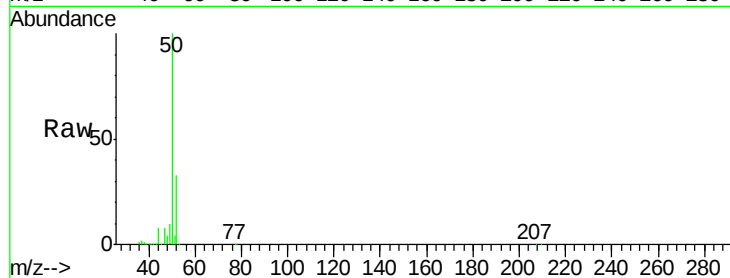
Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.904 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016559.D

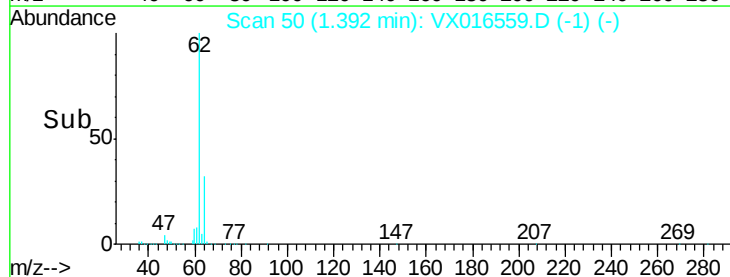
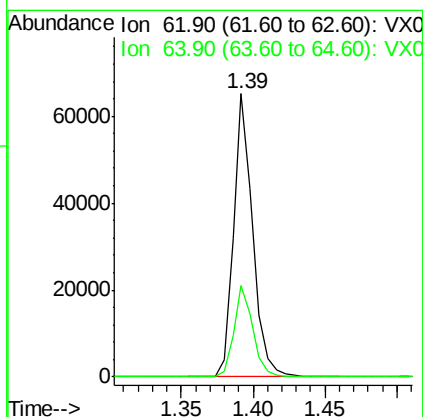
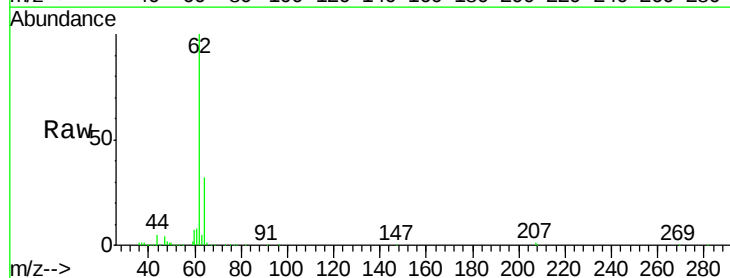
Acq: 03 Jun 2020 11:39

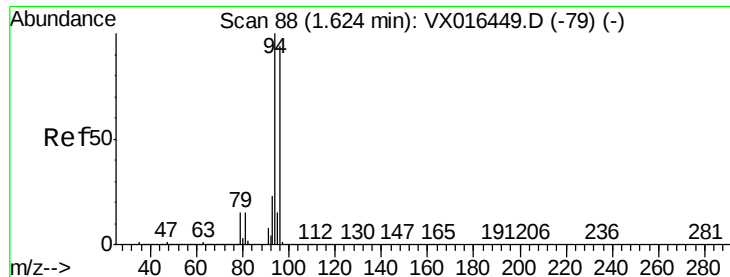
Tgt Ion: 62 Resp: 60765

Ion Ratio Lower Upper

62 100

64 32.3 25.9 38.9





#5

Bromomethane

Concen: 21.993 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 94 Resp: 38439

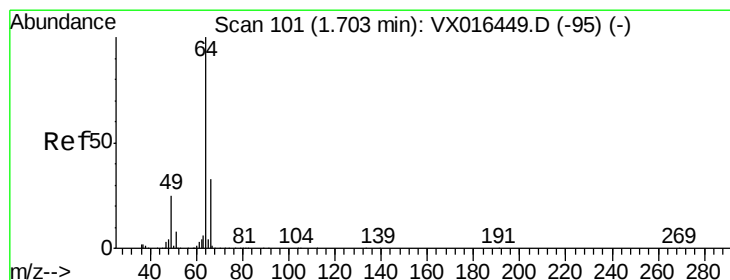
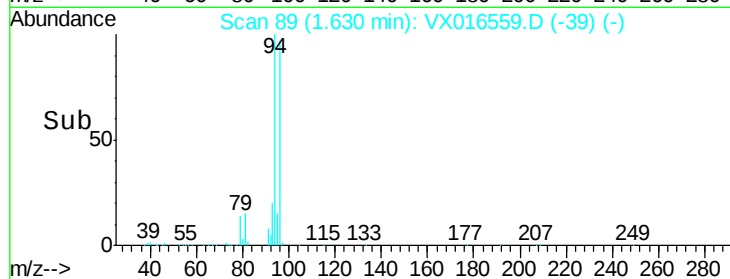
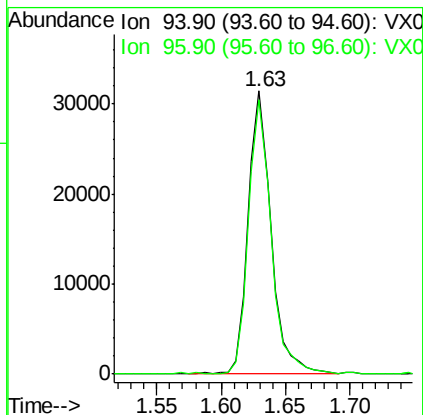
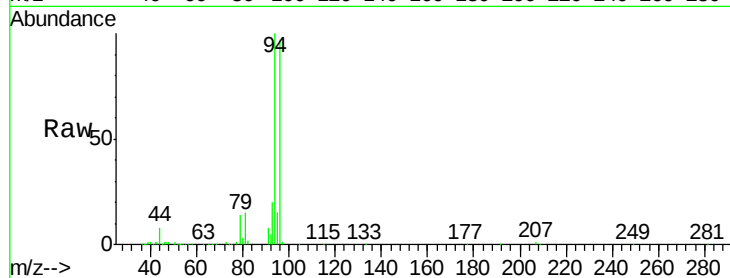
Ion Ratio Lower Upper

94 100

96 96.9 75.1 112.7

Manual Integrations
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#6

Chloroethane

Concen: 17.725 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016559.D

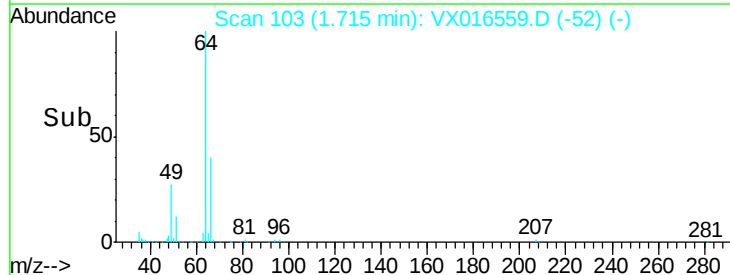
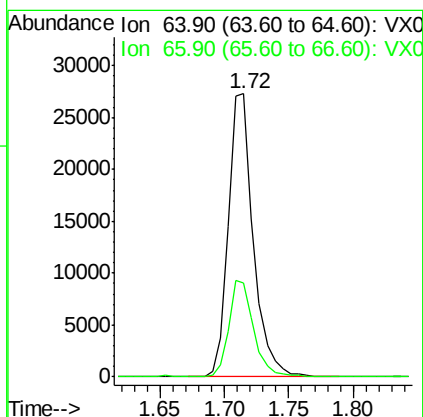
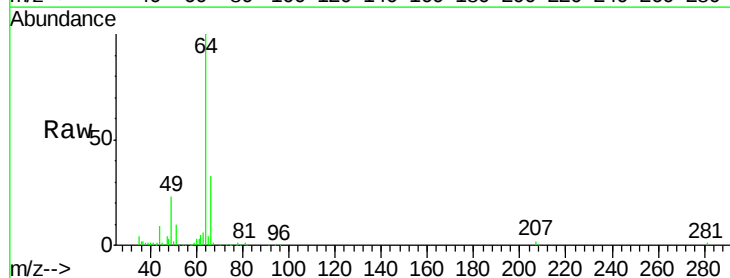
Acq: 03 Jun 2020 11:39

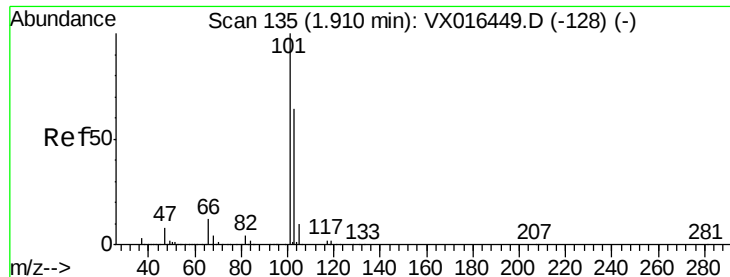
Tgt Ion: 64 Resp: 37168

Ion Ratio Lower Upper

64 100

66 33.2 26.7 40.1





#7

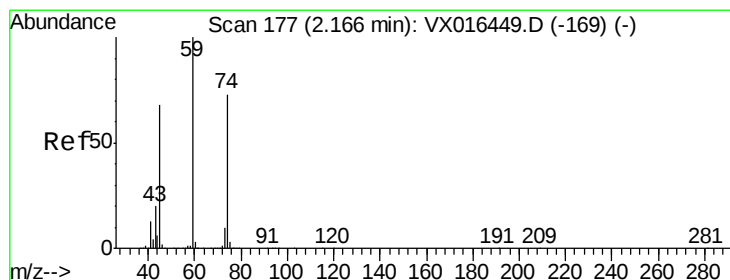
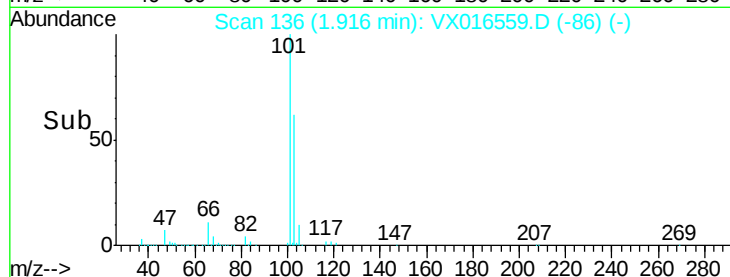
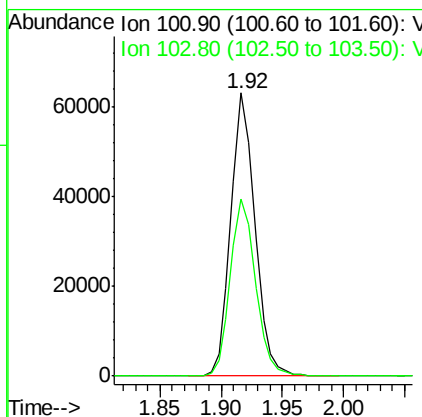
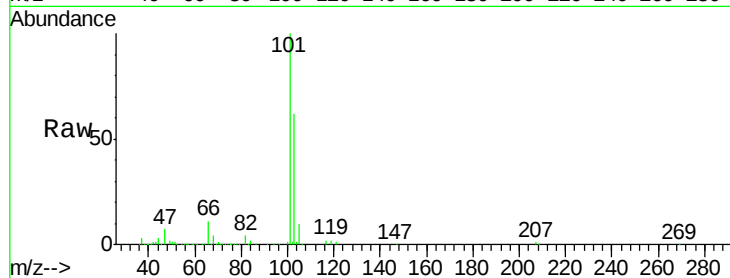
Trichlorofluoromethane
Concen: 18.363 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

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ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	50.9	76.3

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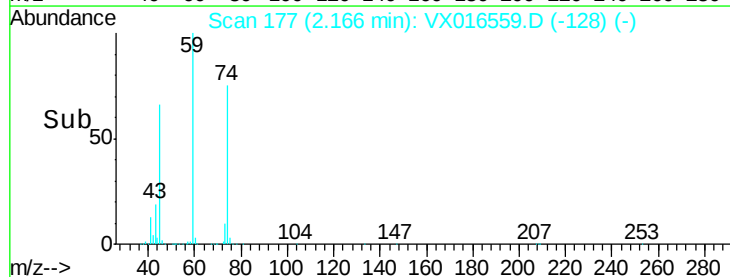
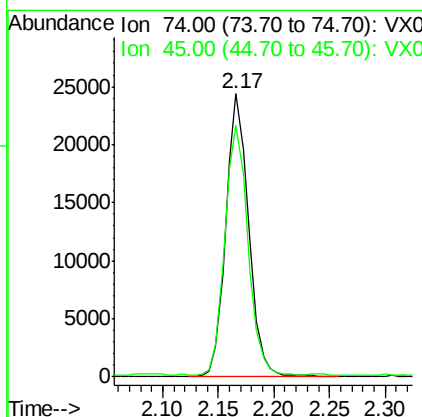
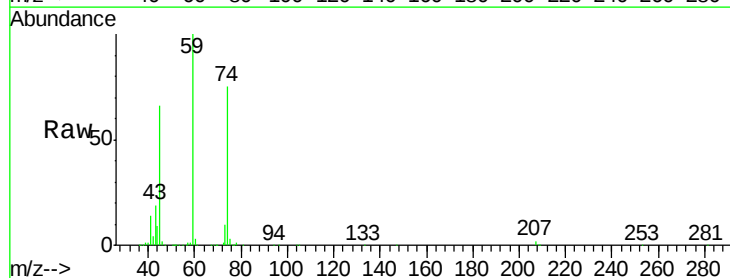
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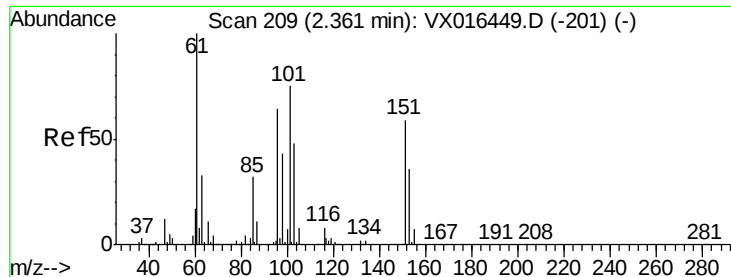


#8

Diethyl Ether
Concen: 17.606 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.584 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

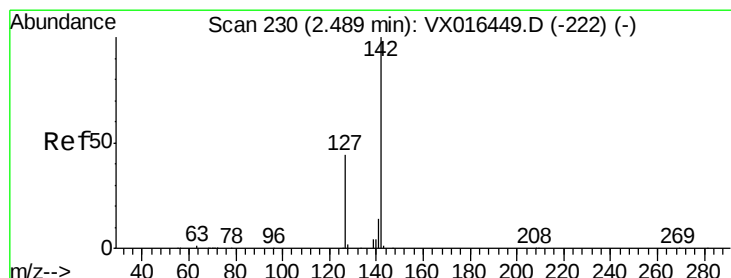
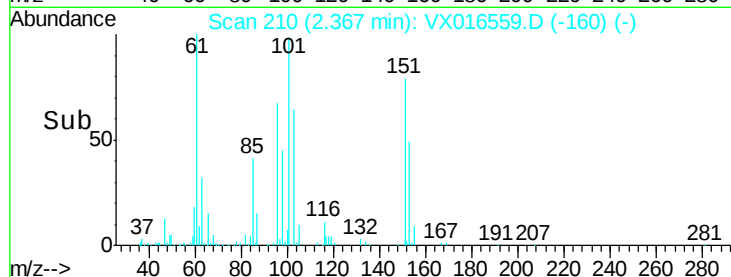
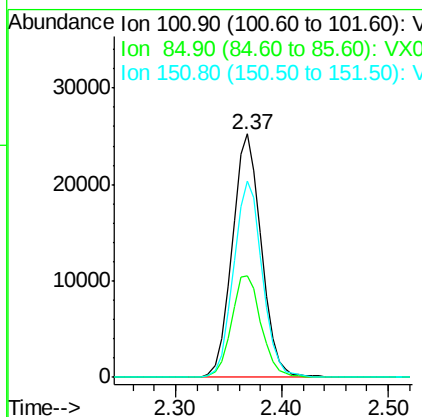
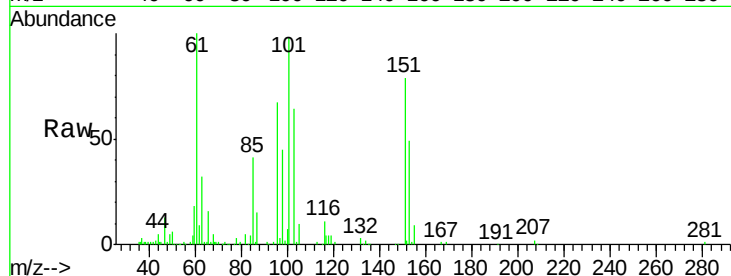
ClientSampleId :

VX0603WBS01

Tot Ion:	101	Resp:	48286
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	79.7	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.832 ug/l

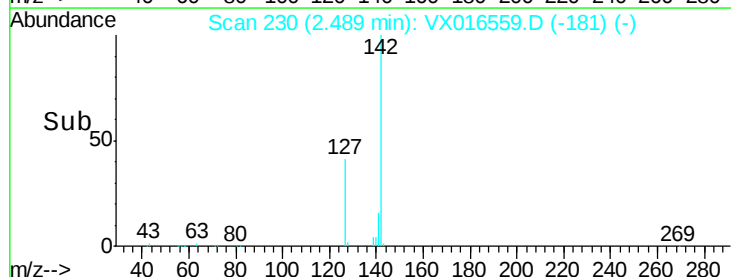
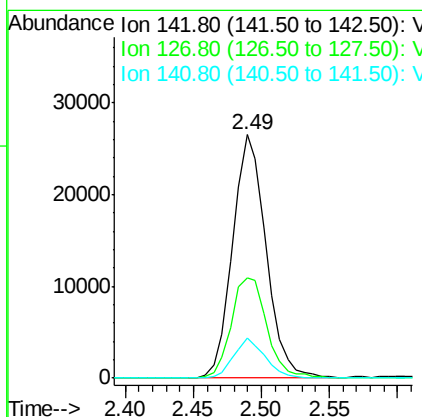
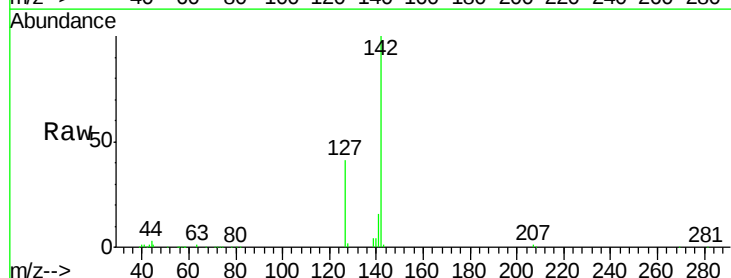
RT: 2.49 min Scan# 230

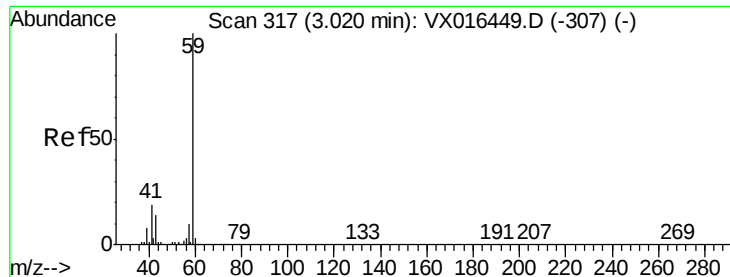
Delta R.T. 0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	142	Resp:	45548
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.3	52.9
141	15.3	11.4	17.2





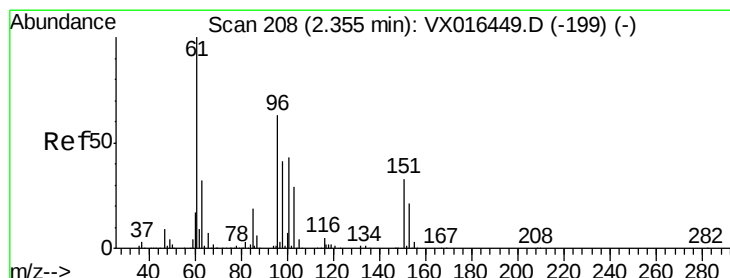
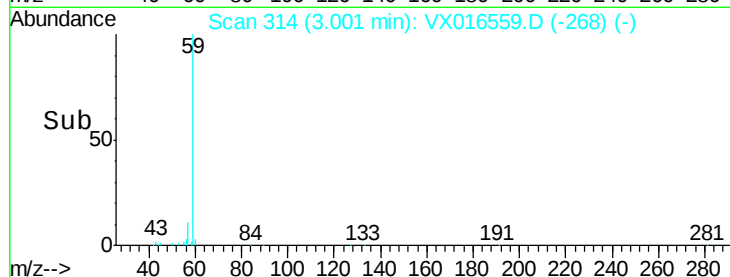
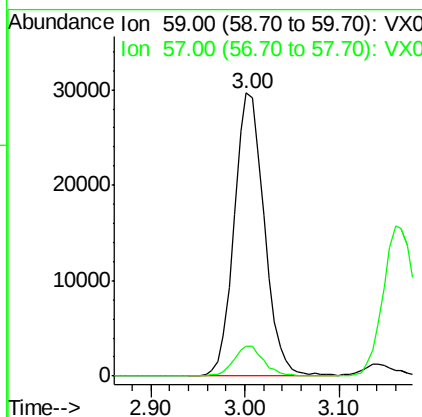
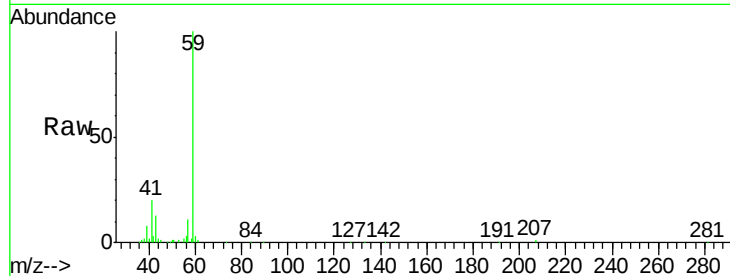
#11
Tert butyl alcohol
Concen: 72.845 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion: 59 Resp: 66304
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

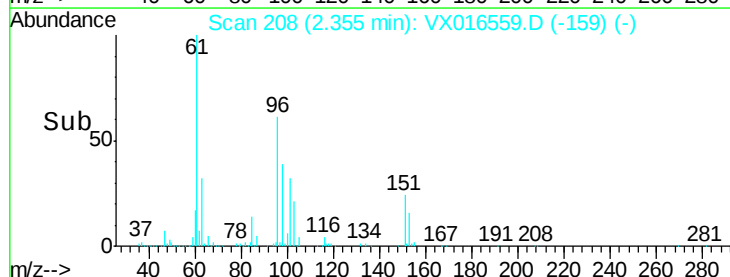
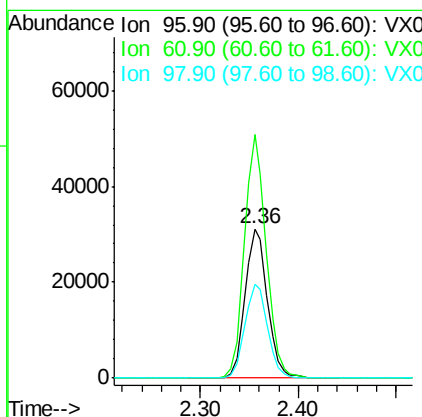
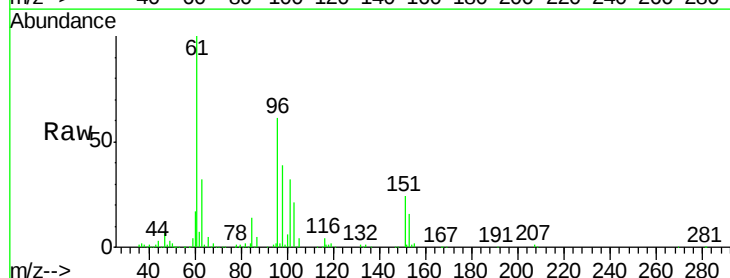
Manual Integrations
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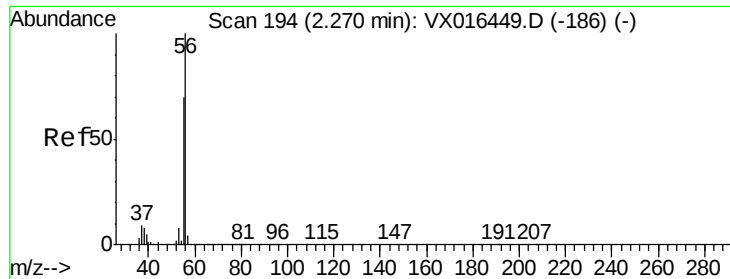
MMDadoda
6/4/2020 3:08:46 PM



#12
1,1-Dichloroethene
Concen: 17.992 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion: 96 Resp: 49481
Ion Ratio Lower Upper
96 100
61 163.1 126.6 189.8
98 63.2 51.3 76.9





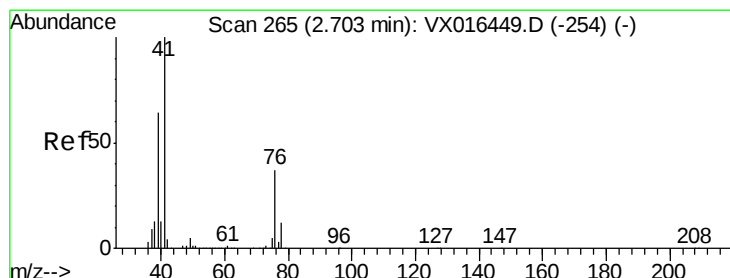
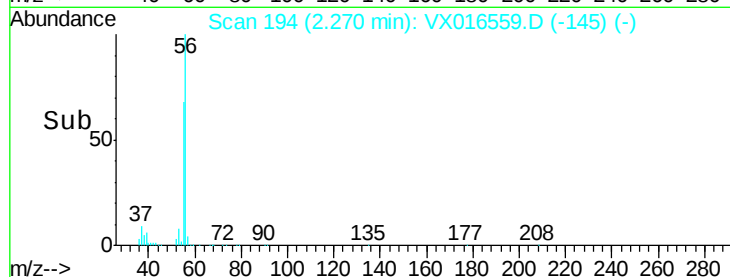
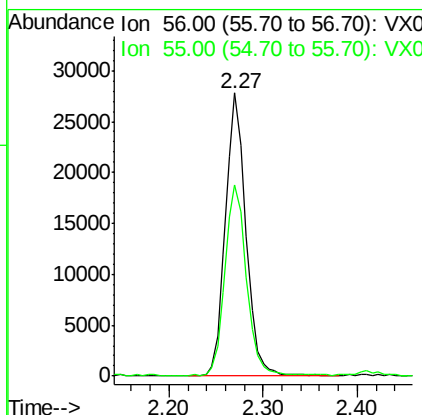
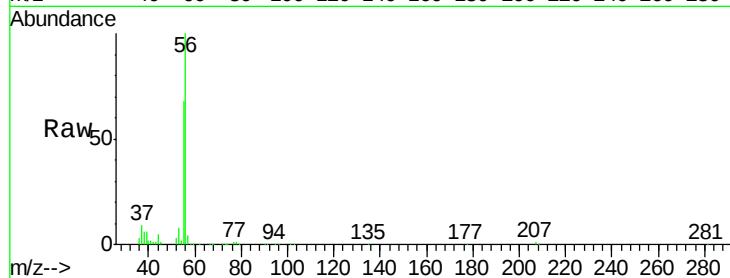
#13
Acrolein
Concen: 109.339 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	56	Resp	42335
Ion Ratio	100	Lower	Upper
55	71.1	58.3	87.5

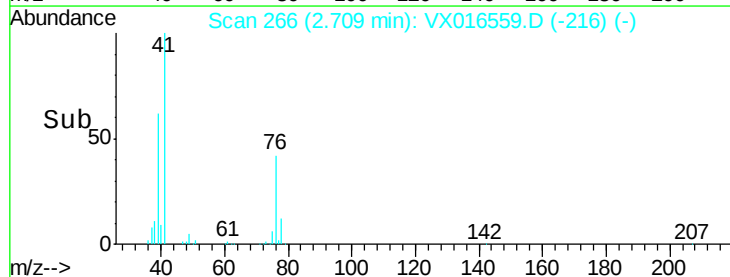
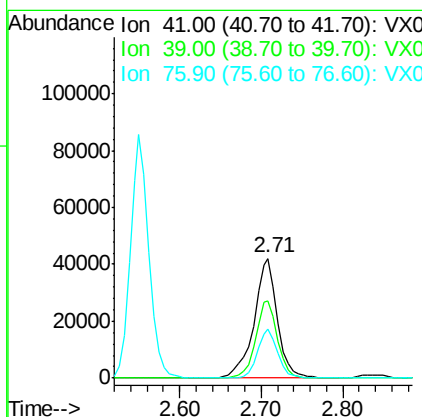
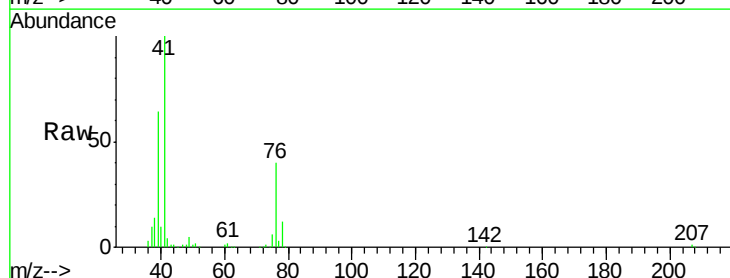
Manual Integrations
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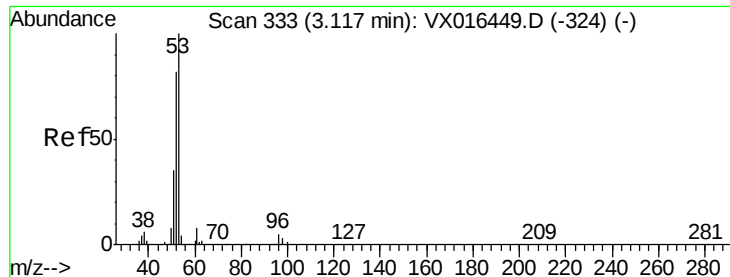
MMDadoda
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#14
Allyl chloride
Concen: 16.835 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	41	Resp	85150
Ion Ratio	100	Lower	Upper
39	60.0	47.7	71.5
76	35.4	26.6	40.0





#15

Acrylonitrile

Concen: 81.703 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

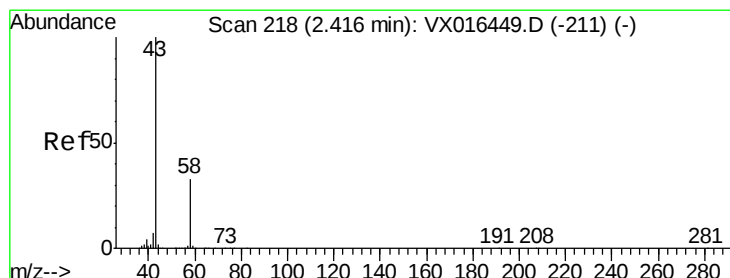
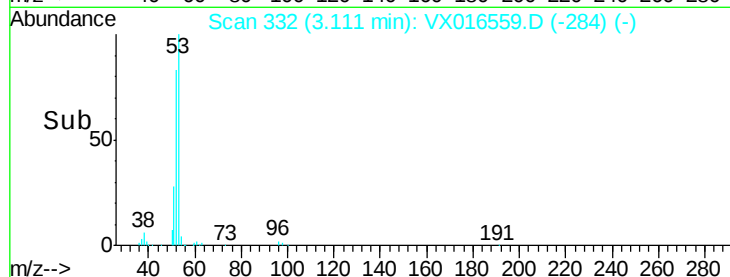
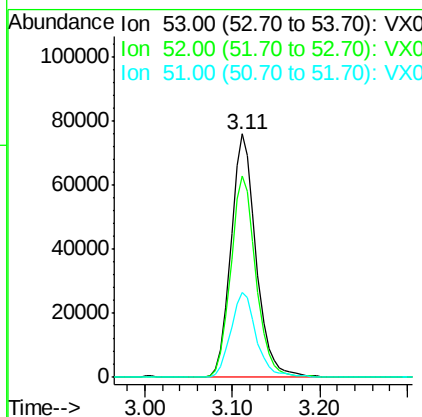
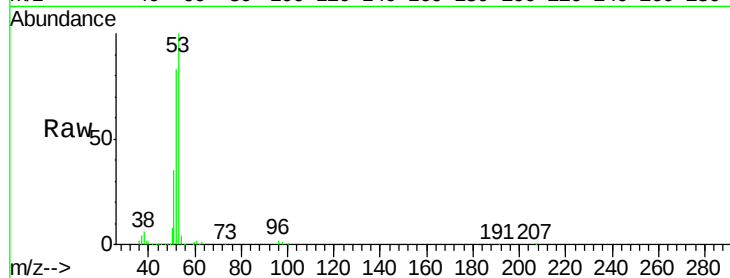
ClientSampleID :

VX0603WBS01

Tot Ion:	53	Resp:	152336
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.7	100.1
51	35.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 84.086 ug/l

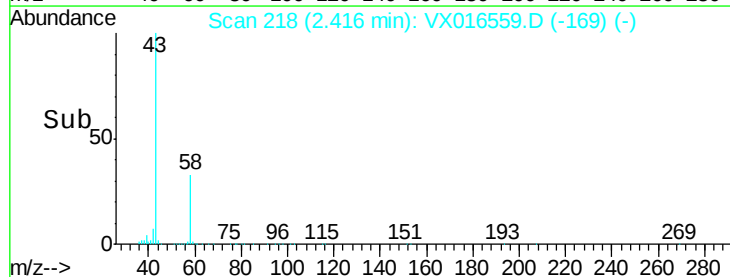
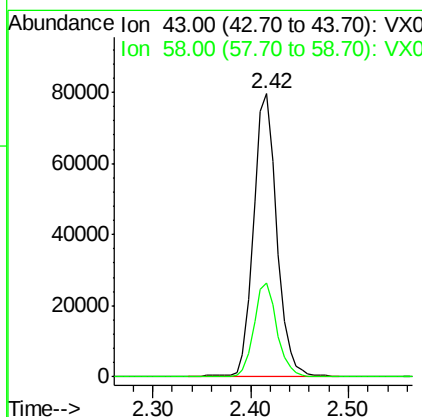
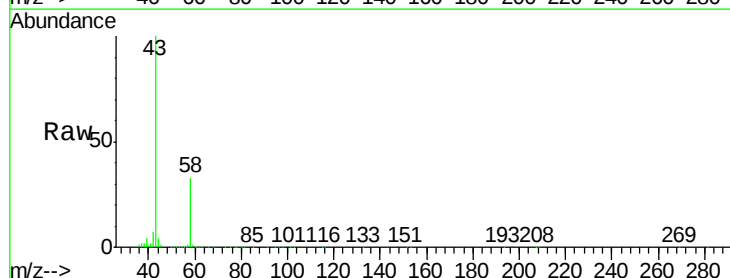
RT: 2.42 min Scan# 218

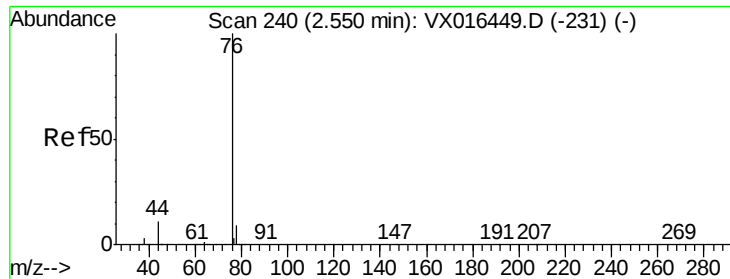
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	43	Resp:	130764
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.1	39.1





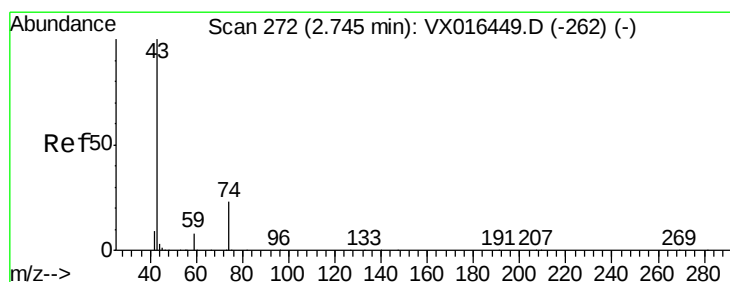
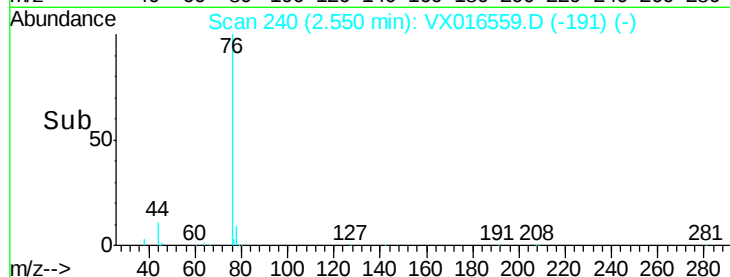
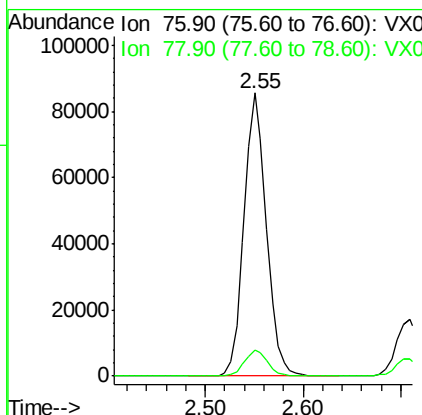
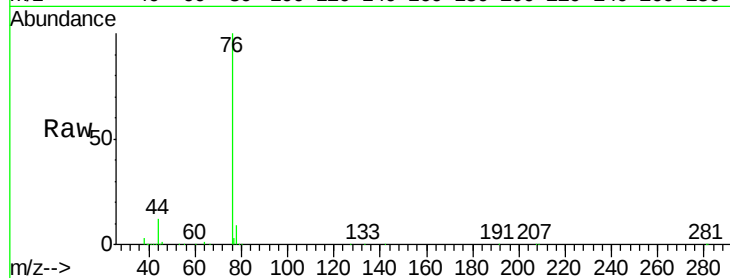
#17
Carbon Disulfide
Concen: 16.625 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

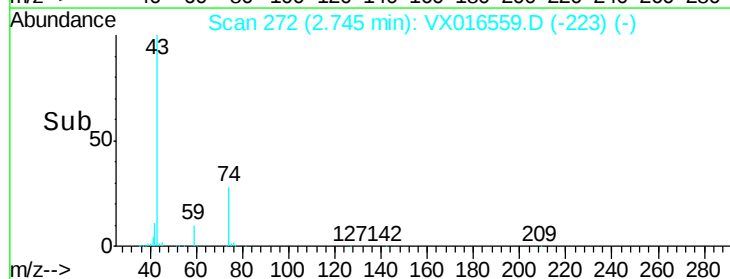
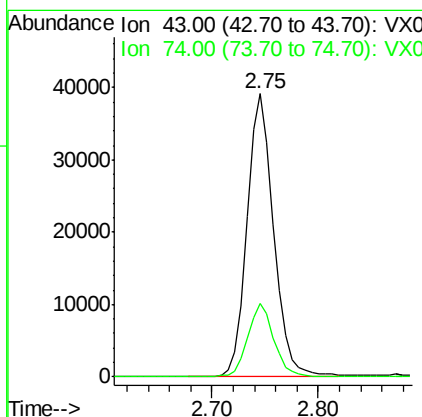
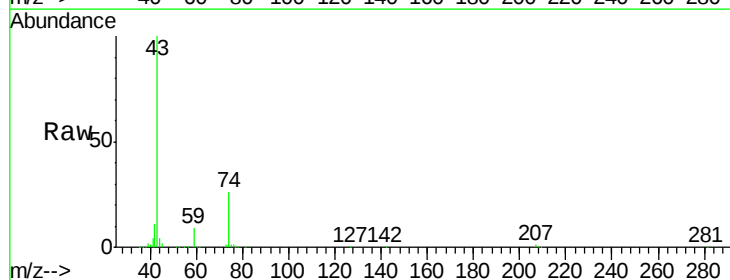
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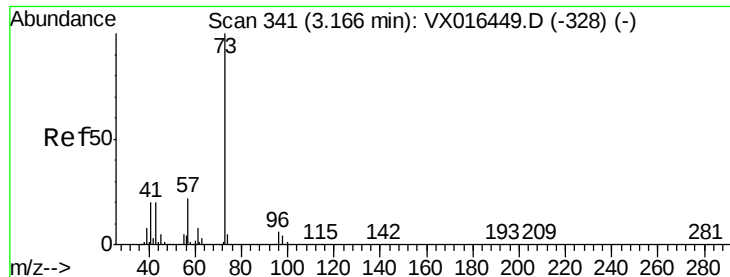
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#18
Methyl Acetate
Concen: 17.279 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.7	29.5





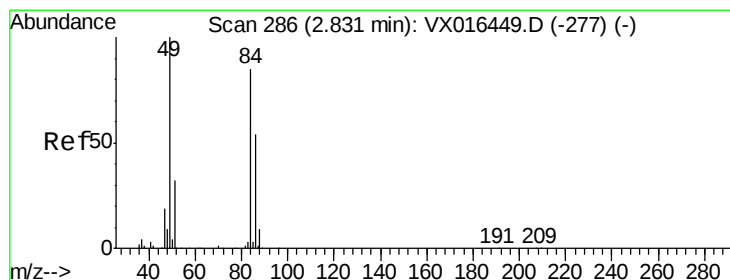
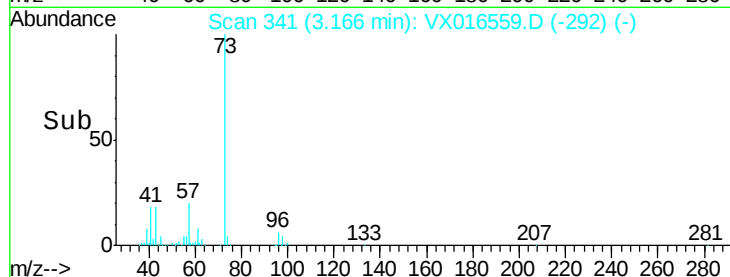
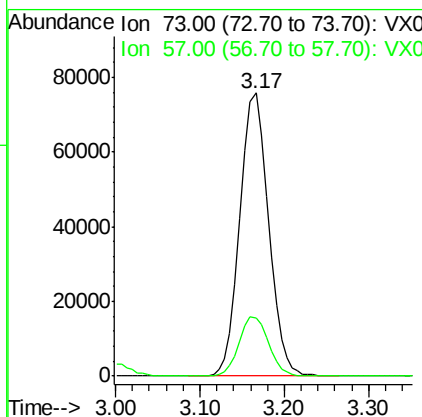
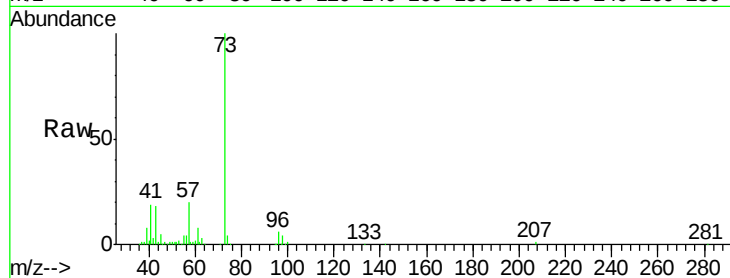
#19
Methyl tert-butyl Ether
Concen: 17.752 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.6

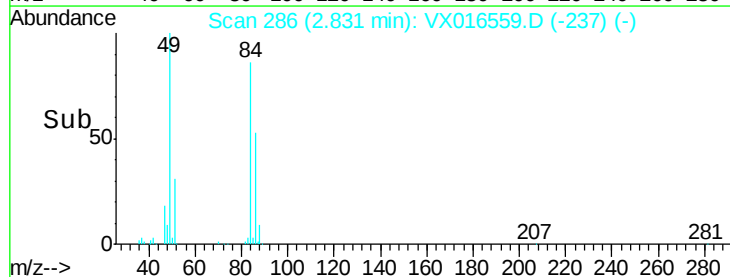
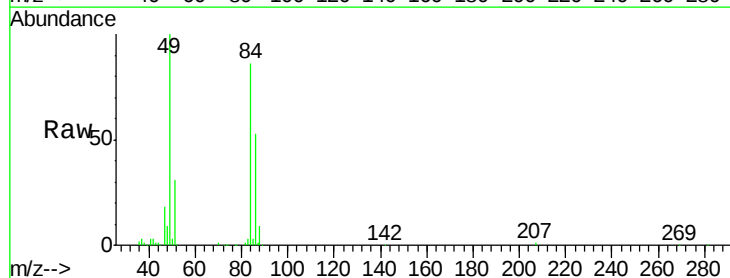
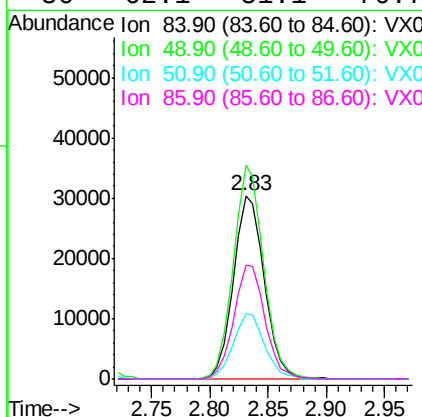
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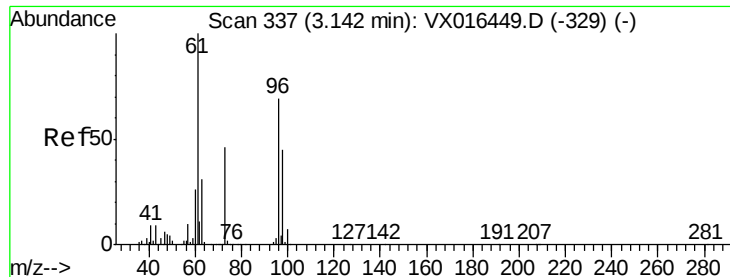
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#20
Methylene Chloride
Concen: 17.487 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.4	94.5	141.7
51	35.7	30.2	45.4
86	62.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.641 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

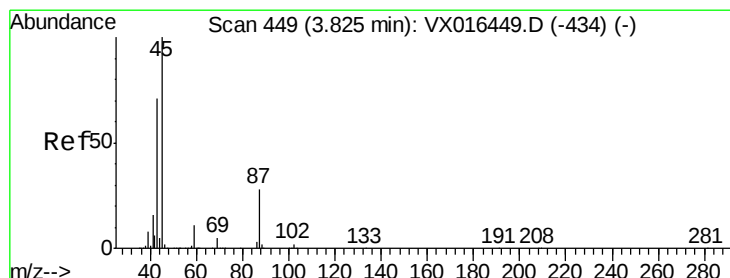
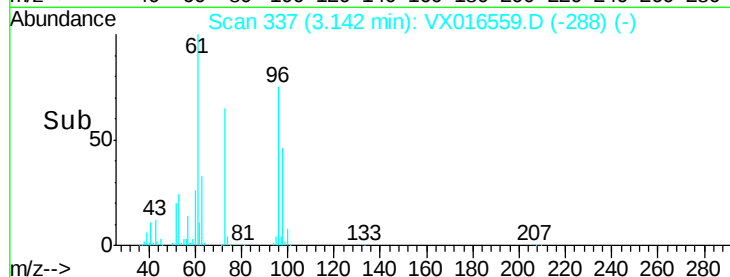
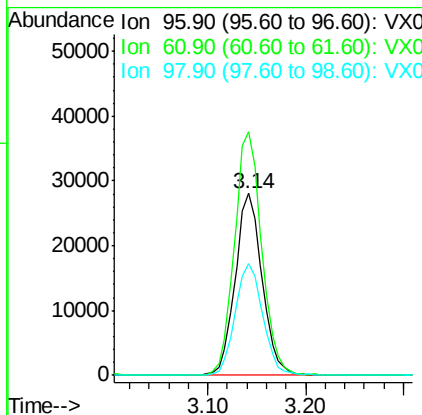
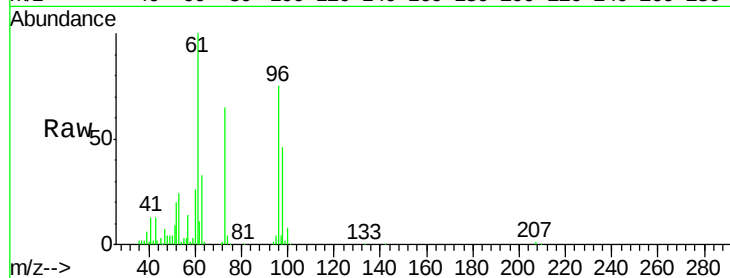
ClientSampleId :

VX0603WBS01

Tot Ion:	96	Resp:	53665
Ion	Ratio	Lower	Upper
96	100		
61	134.0	115.3	172.9
98	61.7	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.152 ug/l

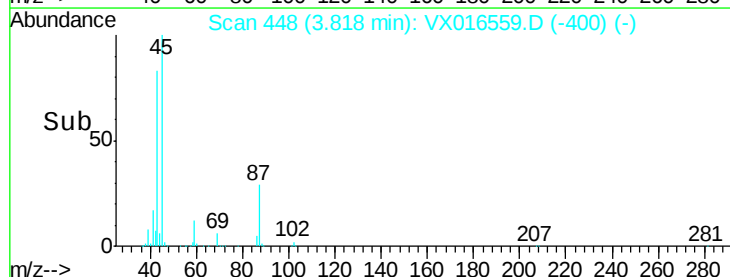
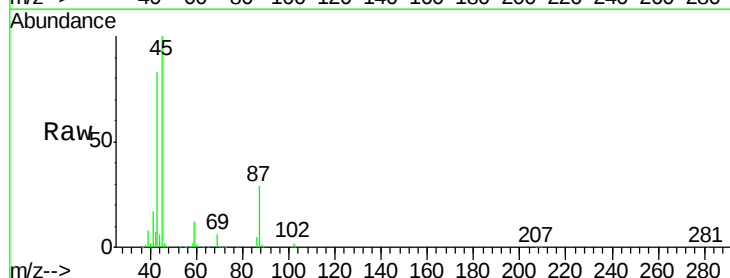
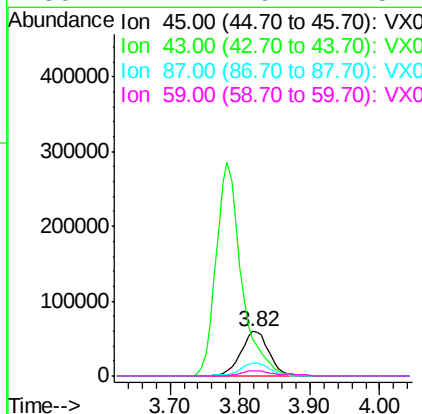
RT: 3.82 min Scan# 448

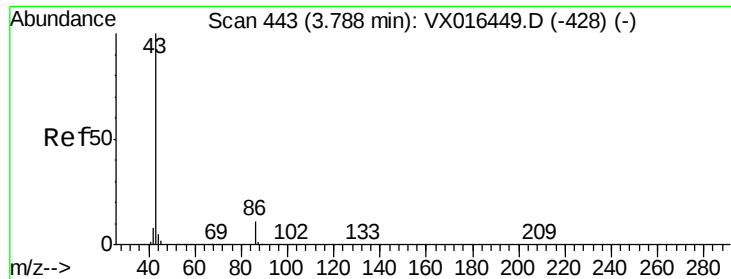
Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	45	Resp:	166655
Ion	Ratio	Lower	Upper
45	100		
43	82.9	57.0	85.6
87	28.8	22.5	33.7
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 84.413 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 43 Resp: 717901

Ion Ratio Lower Upper

43 100

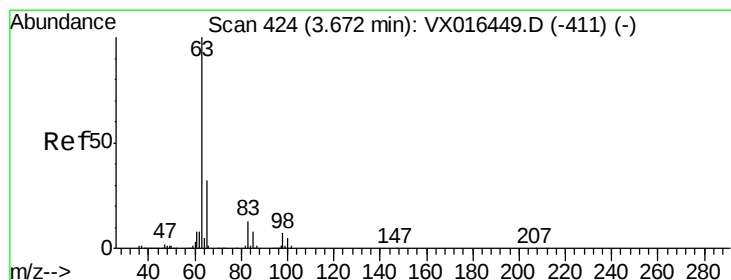
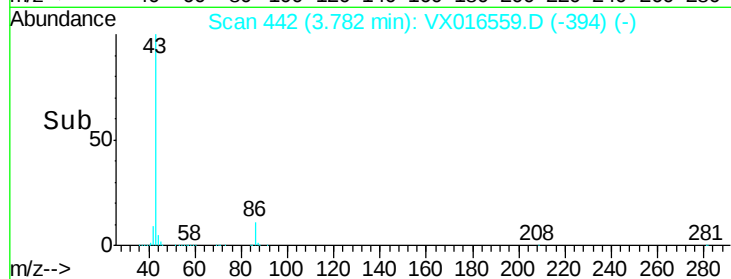
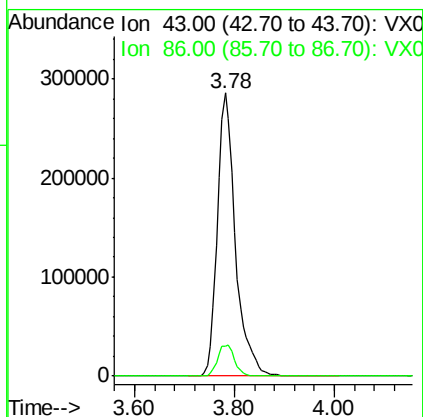
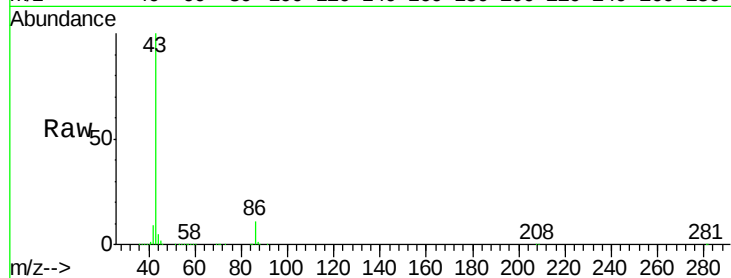
86 10.8 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.486 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

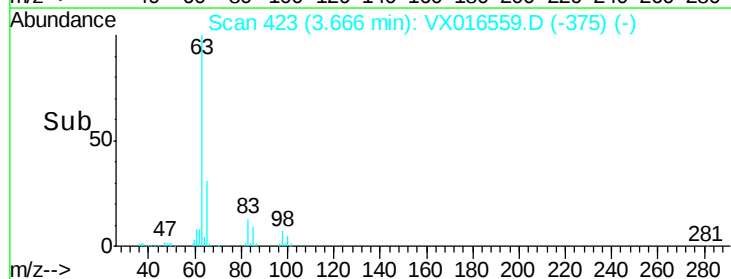
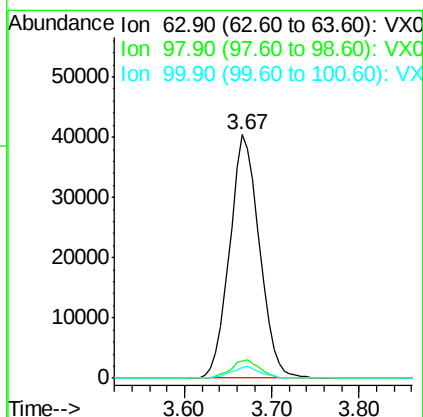
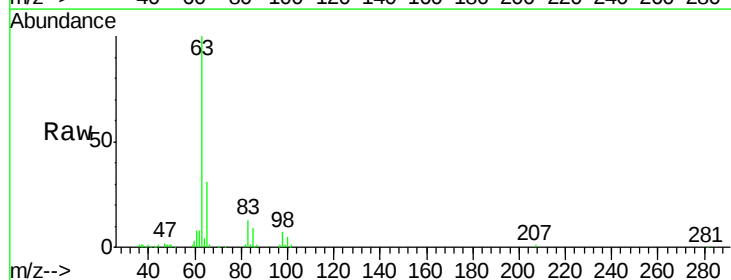
Tgt Ion: 63 Resp: 95894

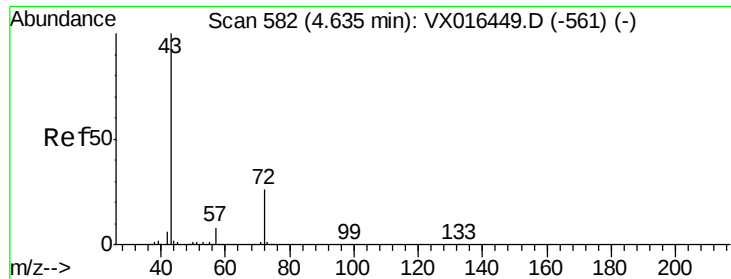
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 77.792 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 43 Resp: 204990

Ion Ratio Lower Upper

43 100

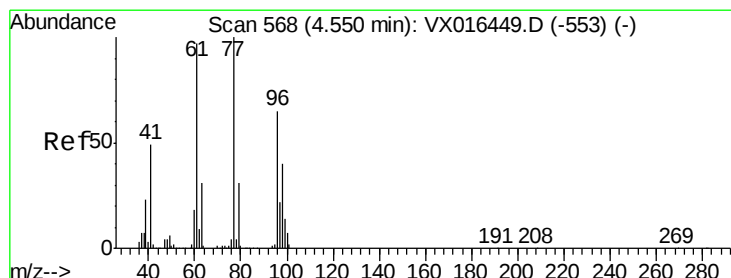
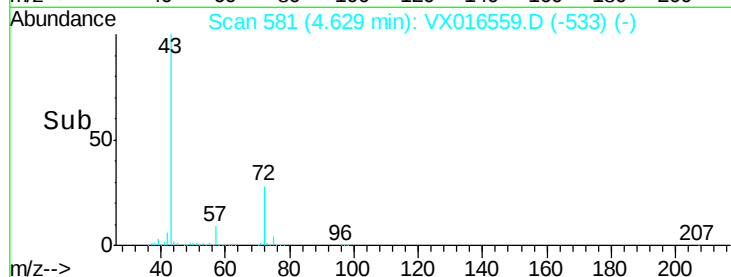
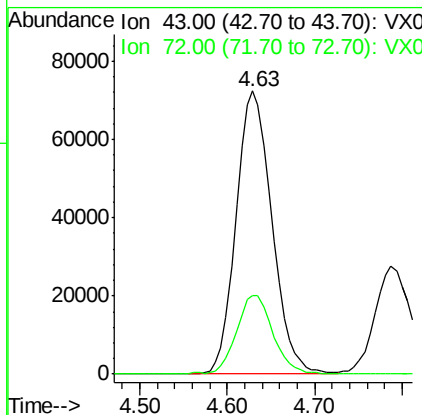
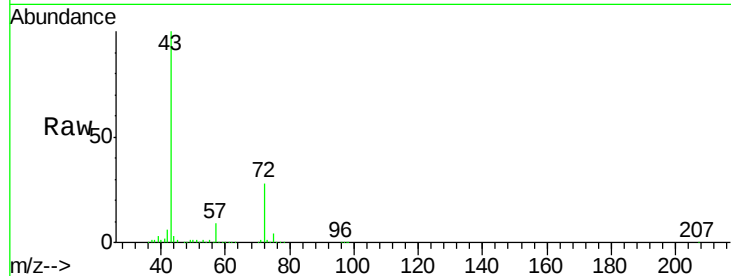
72 27.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.739 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016559.D

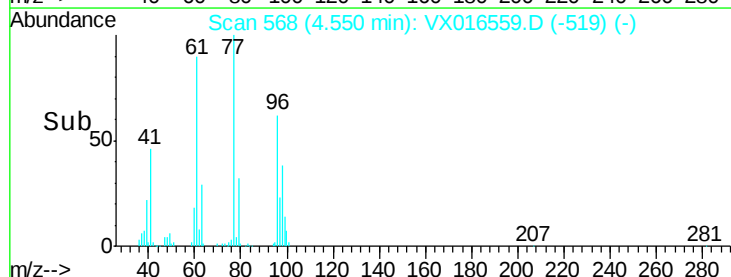
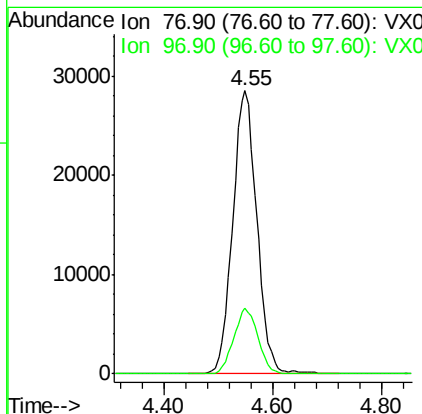
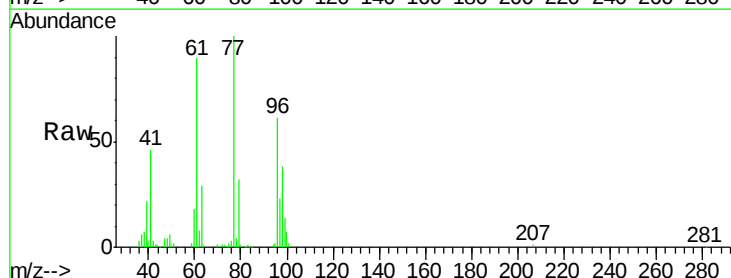
Acq: 03 Jun 2020 11:39

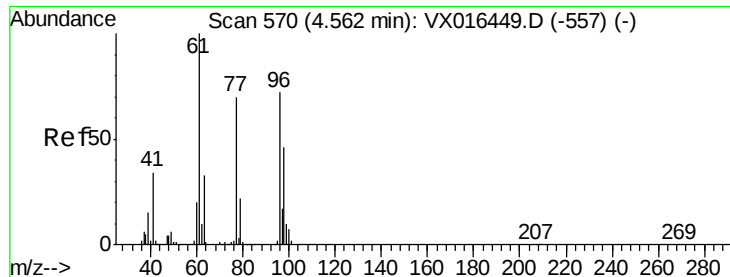
Tgt Ion: 77 Resp: 88579

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

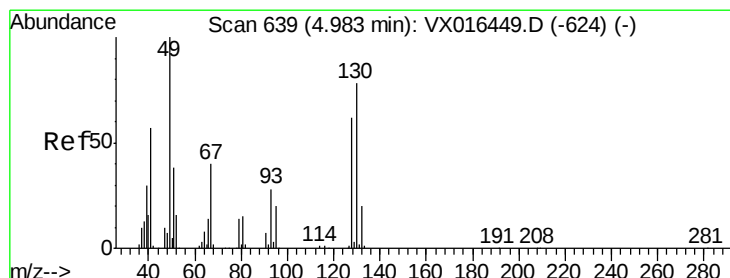
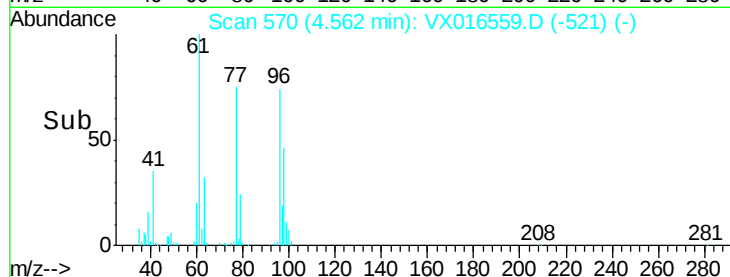
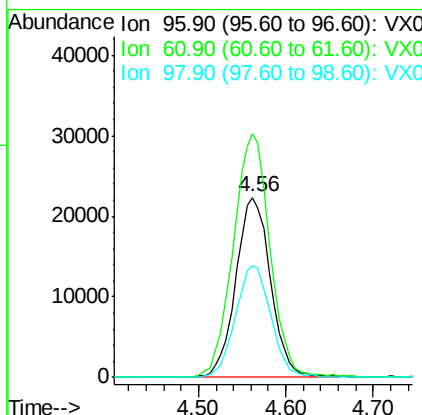
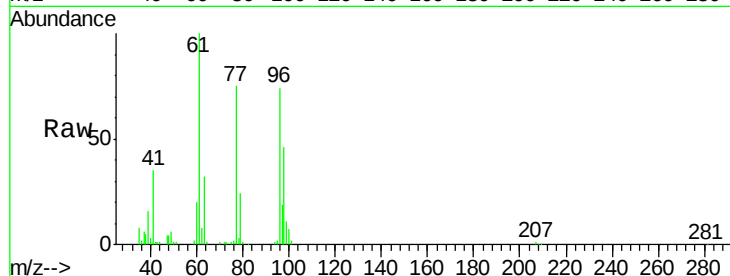
cis-1,2-Dichloroethene
Concen: 17.514 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	284.6
98	63.2	0.0	127.2

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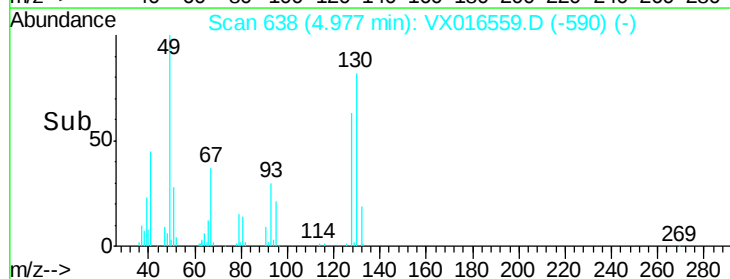
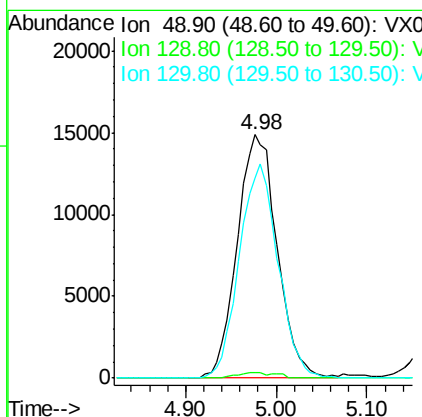
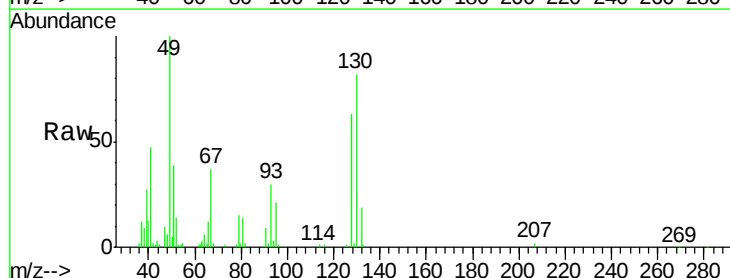
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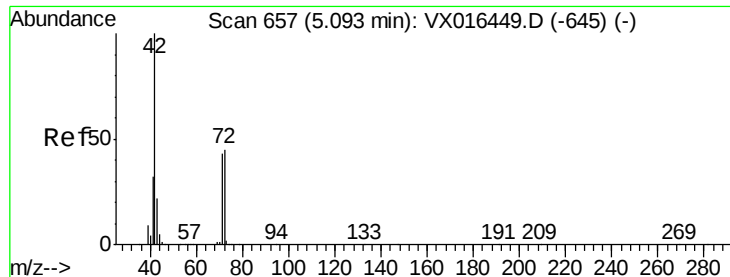


#28

Bromochloromethane
Concen: 17.815 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	85.3	63.0	94.4





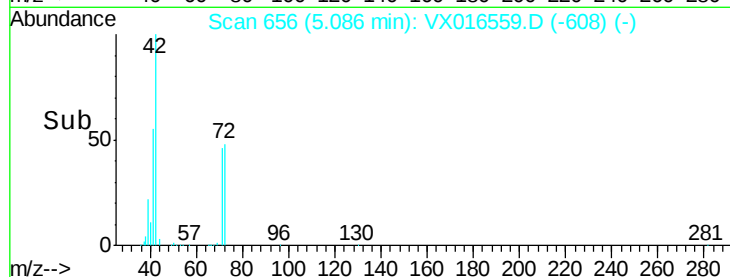
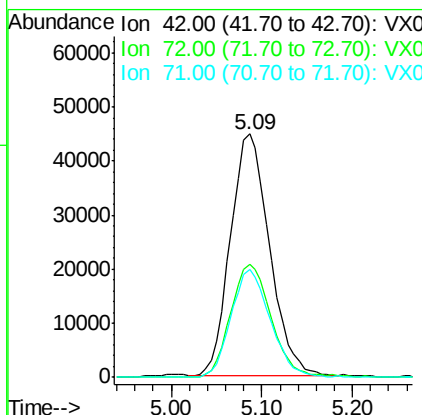
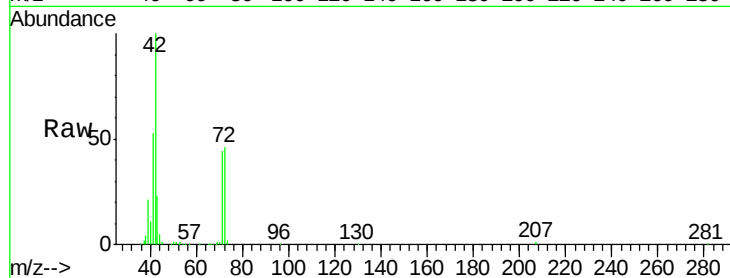
#29
Tetrahydrofuran
Concen: 78.461 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.0	55.4
71	44.9	34.1	51.1

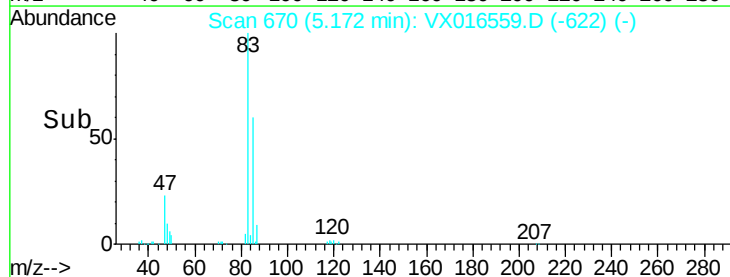
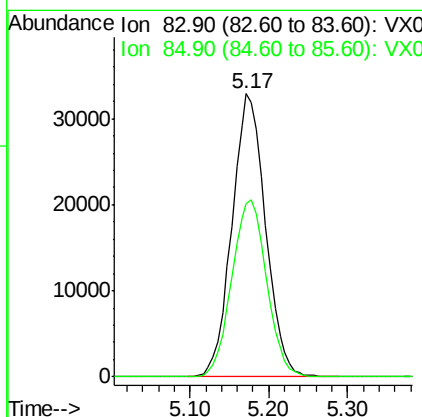
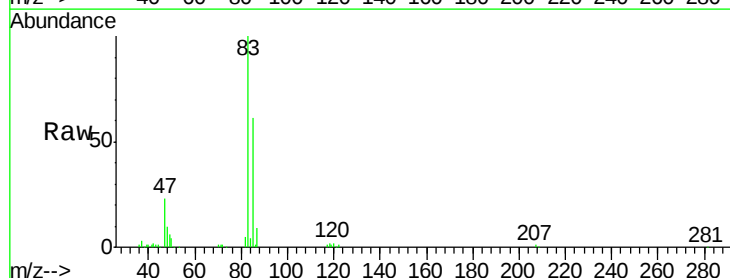
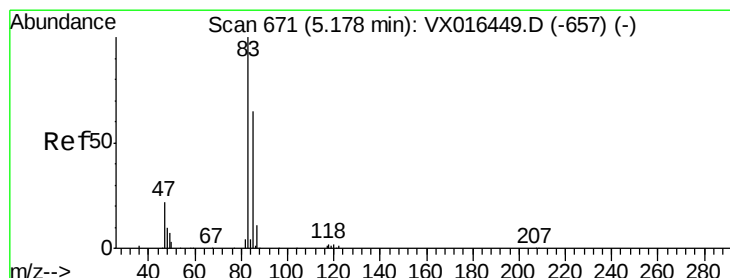
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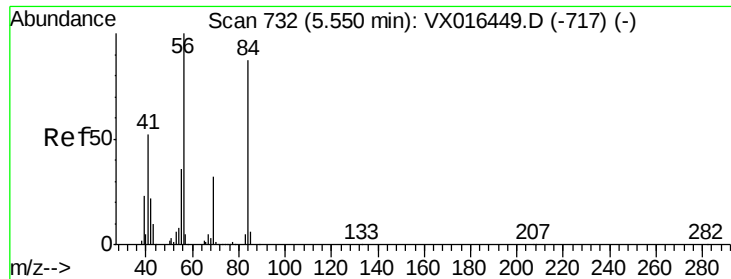
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#30
Chloroform
Concen: 17.583 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.0	78.0





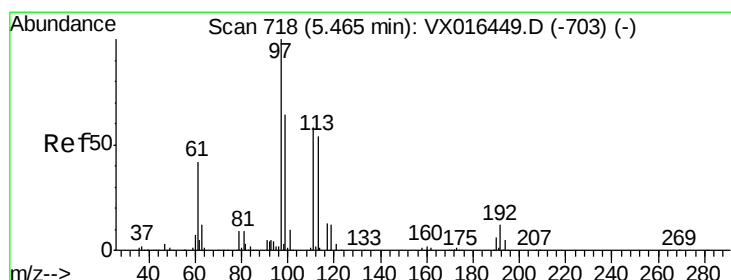
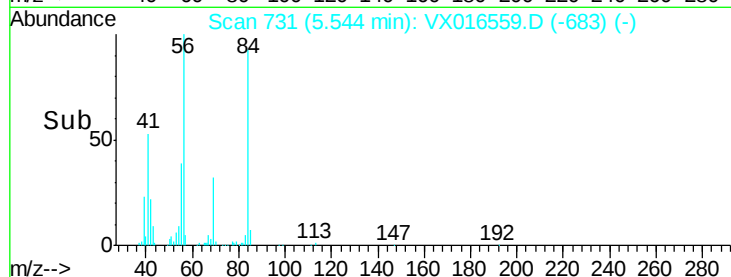
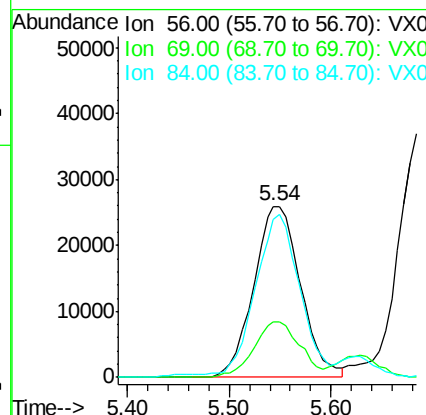
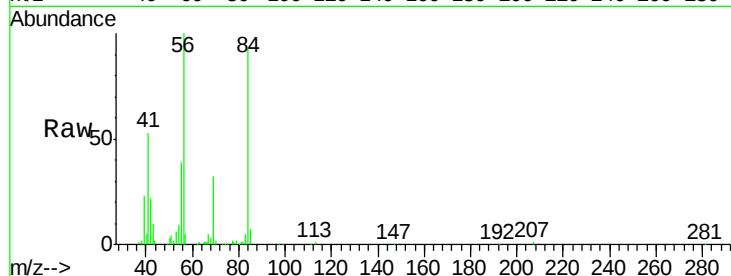
#31
Cyclohexane
Concen: 16.746 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.7	38.5
84	90.7	70.0	105.0

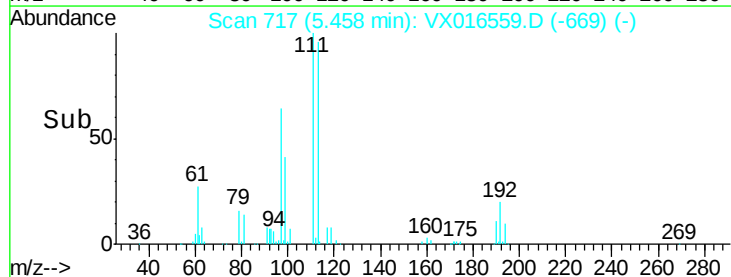
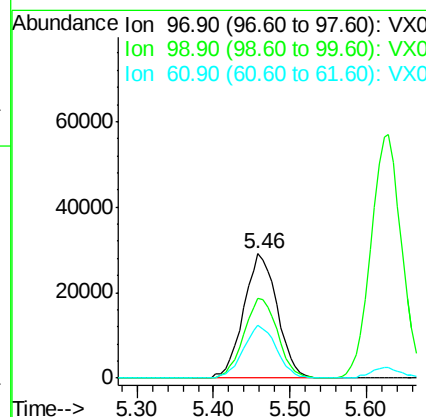
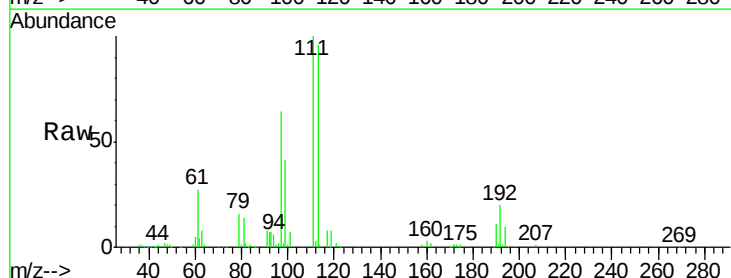
Manual Integrations
APPROVED

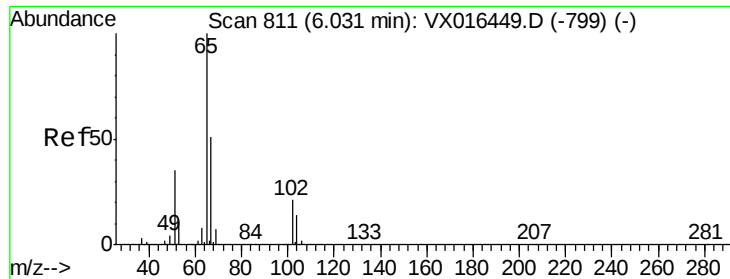
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#32
1,1,1-Trichloroethane
Concen: 17.778 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	41.8	33.5	50.3





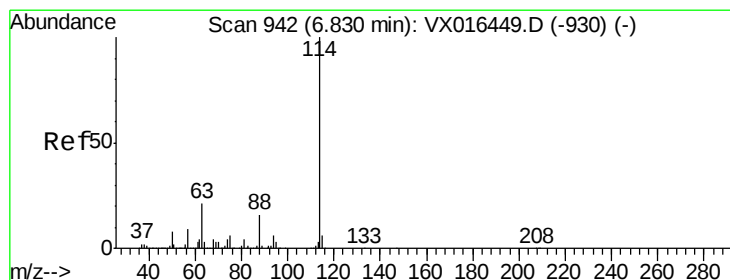
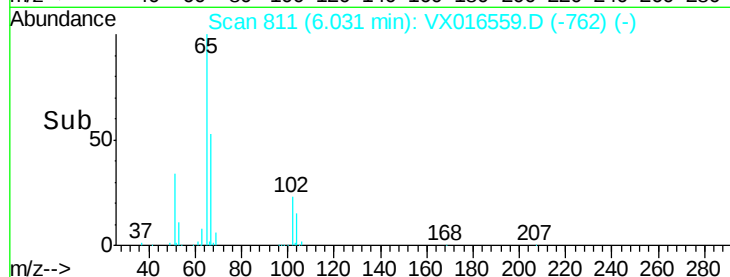
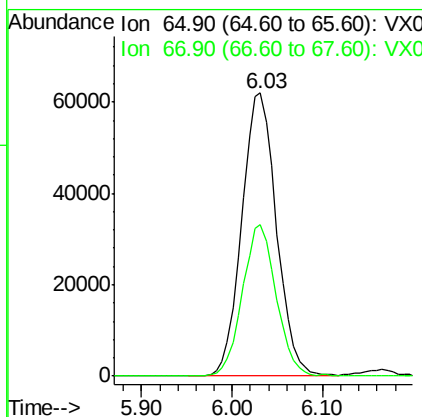
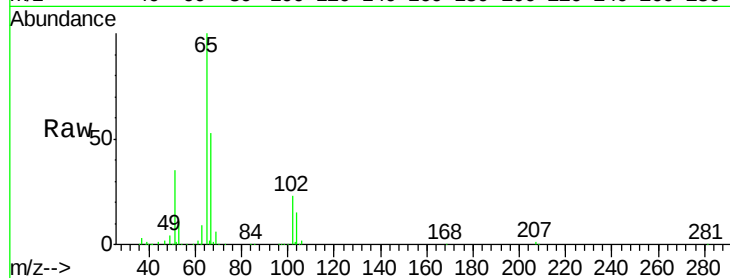
#33
 1,2-Dichloroethane-d4
 Concen: 46.263 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164213		
67	52.1	0.0	104.8	

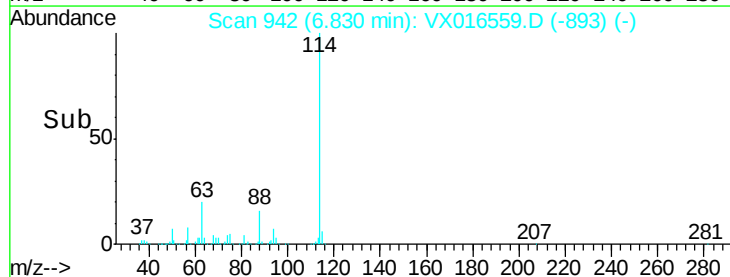
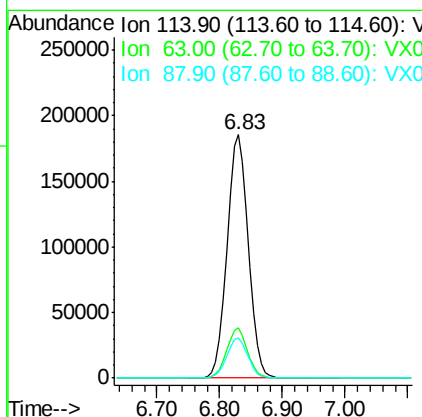
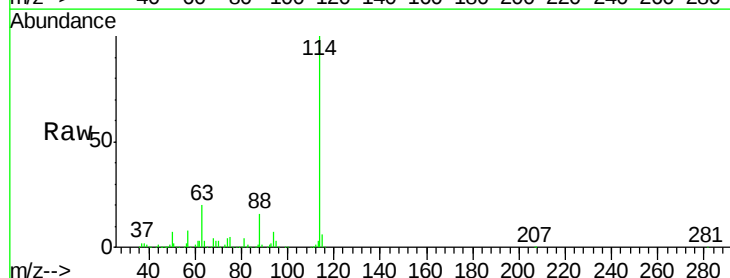
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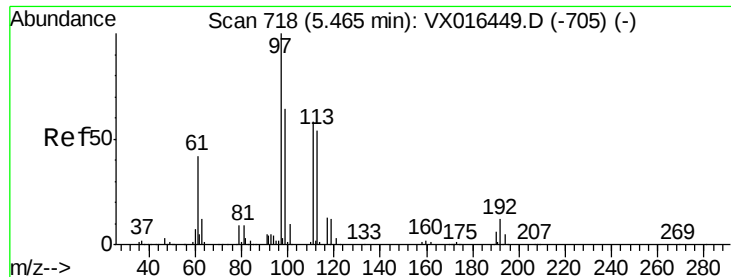
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	433916		
63	20.4	0.0	42.6	
88	16.3	0.0	32.8	





#35

Dibromofluoromethane

Concen: 48.723 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

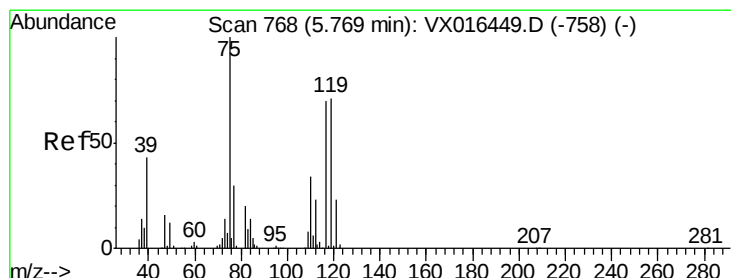
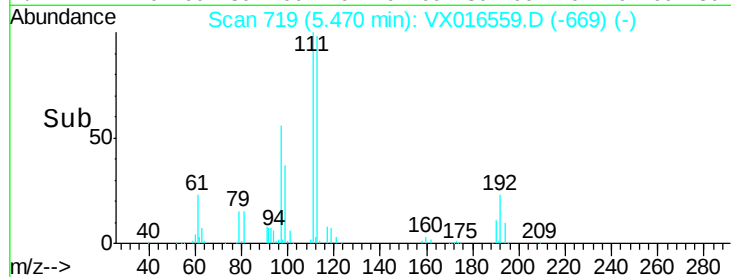
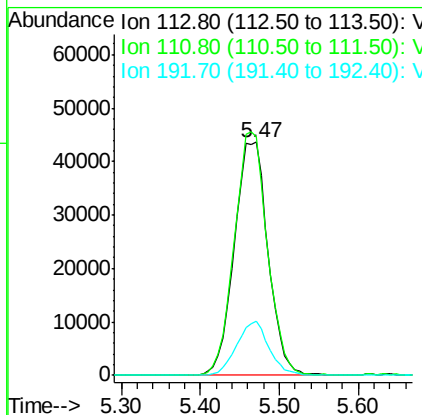
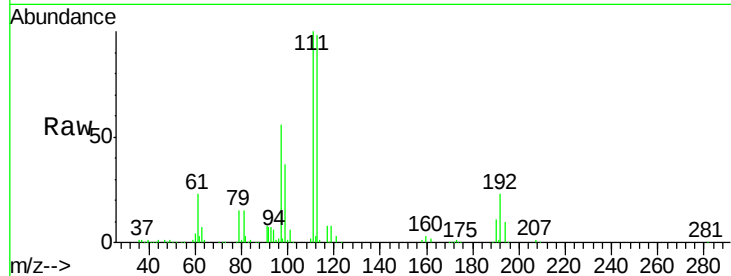
ClientSampleId :

VX0603WBS01

Tot Ion:	113	Resp:	130178
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.0	124.6
192	22.1	17.7	26.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.934 ug/l

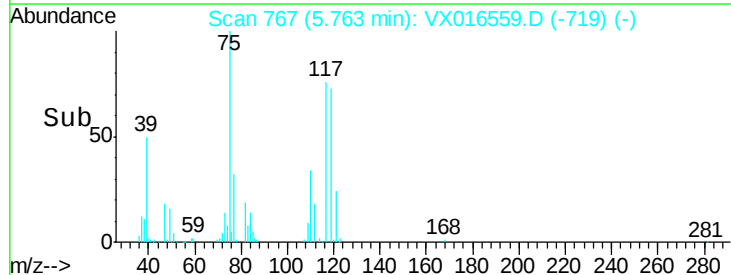
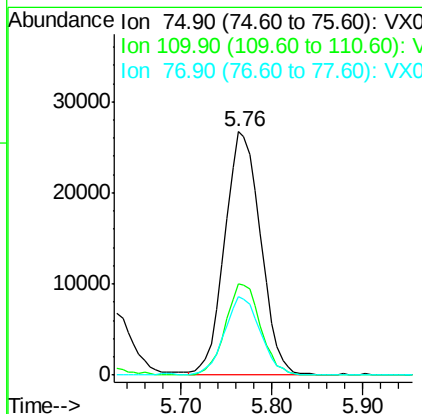
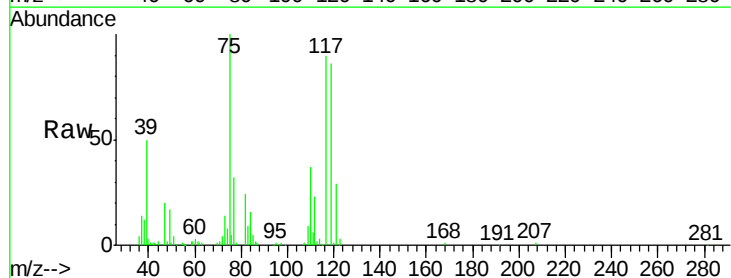
RT: 5.76 min Scan# 767

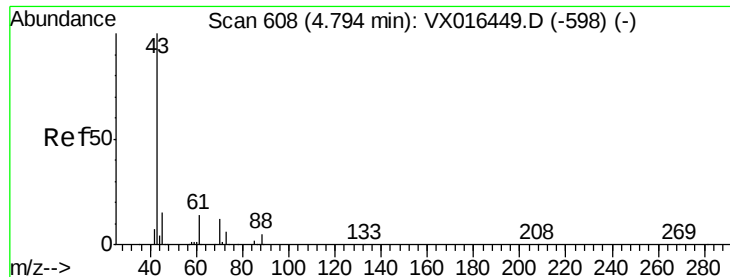
Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	75	Resp:	73680
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.4	52.3
77	32.0	24.2	36.4





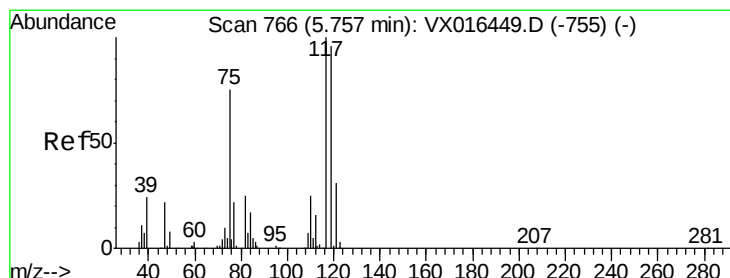
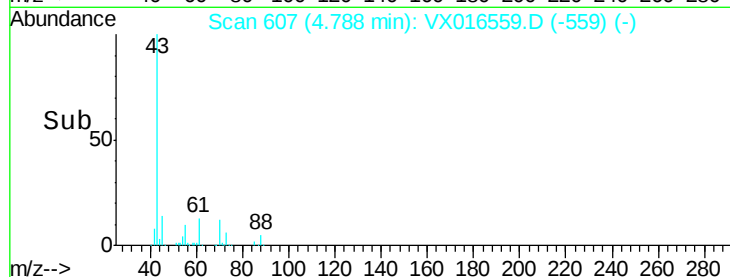
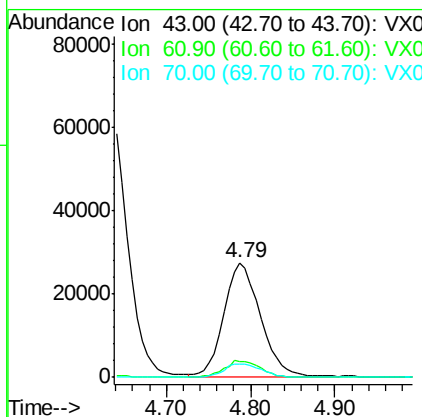
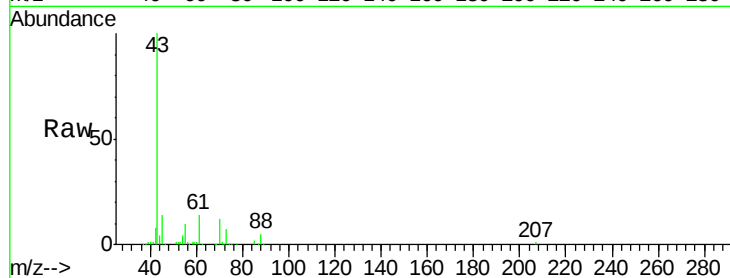
#37
Ethyl Acetate
Concen: 16.229 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.3	16.9
70	12.4	9.3	13.9

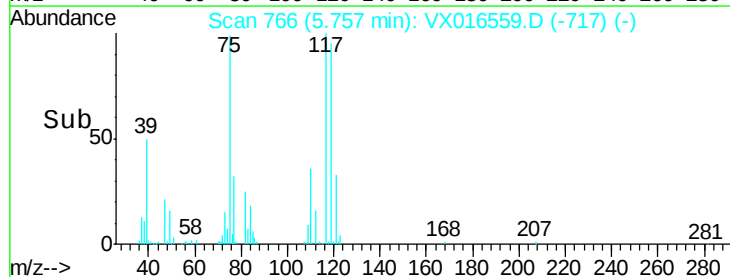
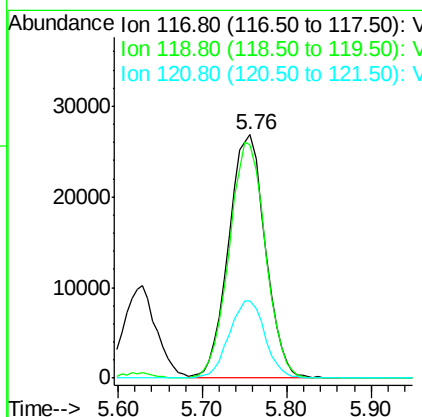
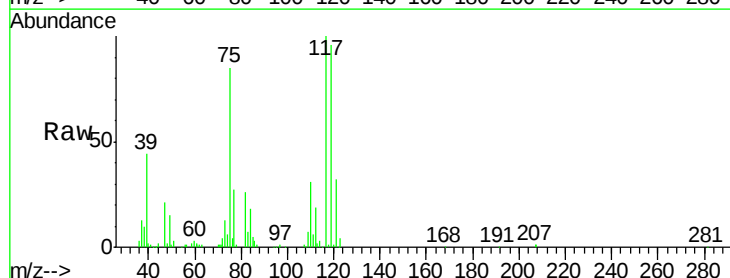
Manual Integrations
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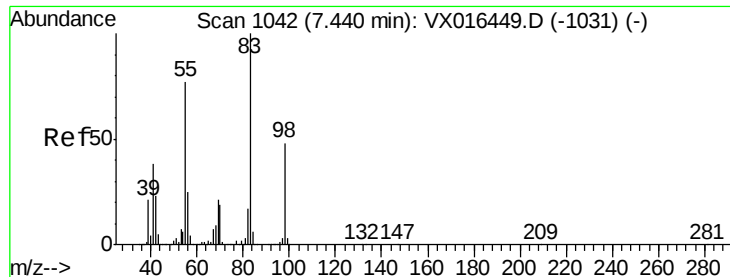
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#38
Carbon Tetrachloride
Concen: 18.409 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
121	31.7	24.6	37.0





#39

Methvlcvclohexane

Concen: 18.559 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

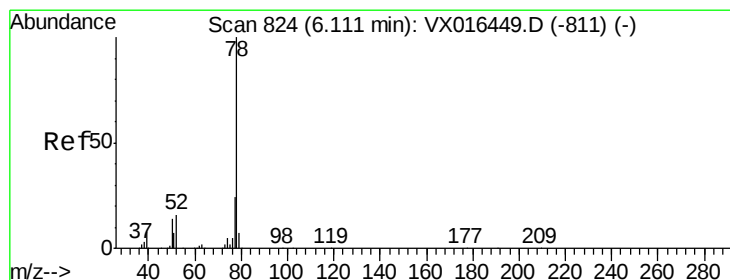
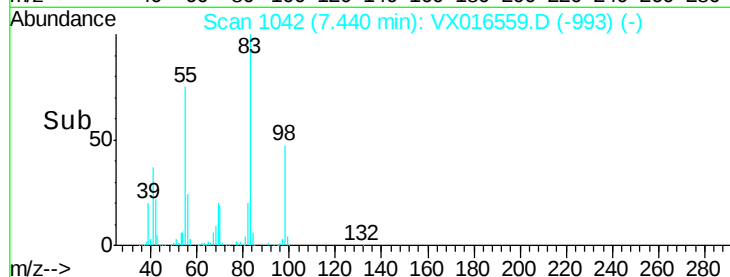
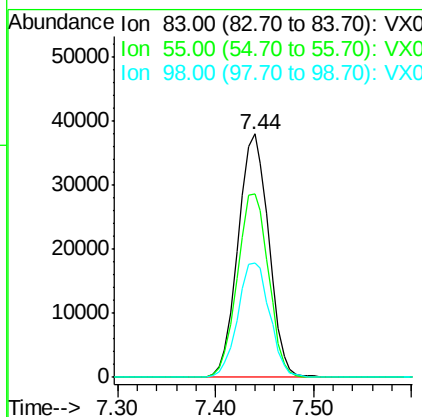
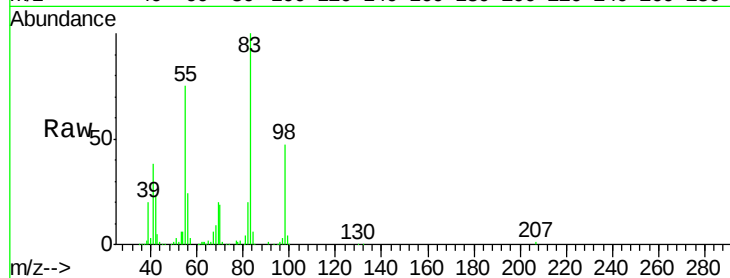
ClientSampleId :

VX0603WBS01

Tot Ion:	83	Resp:	82816
Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.7	92.5
98	47.2	38.7	58.1

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#40

Benzene

Concen: 18.169 ug/l

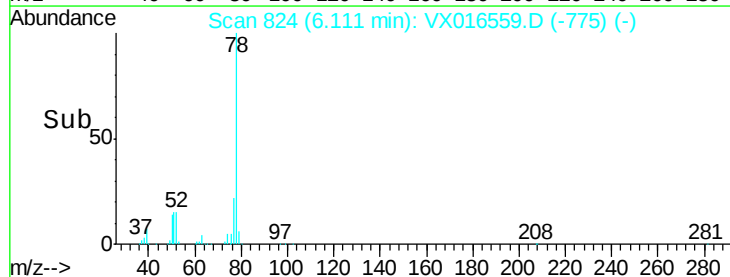
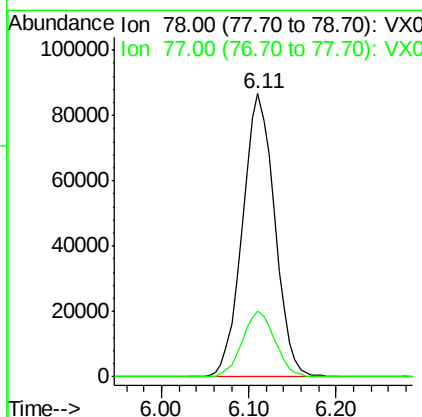
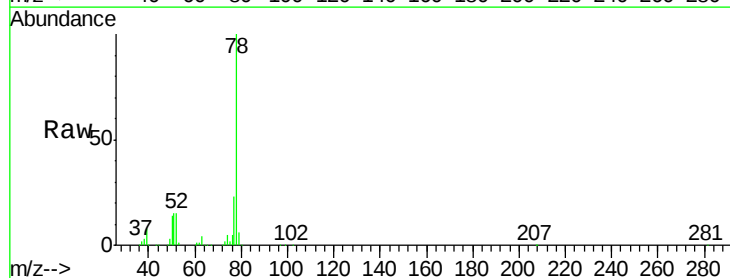
RT: 6.11 min Scan# 824

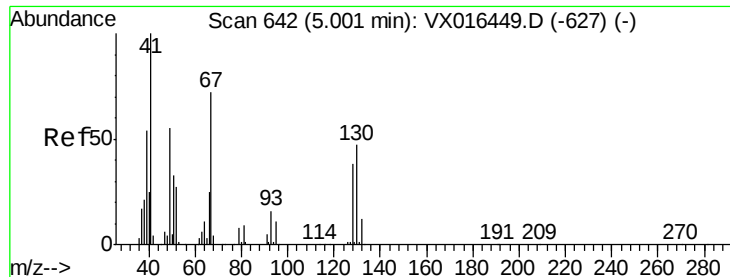
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	78	Resp:	222289
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





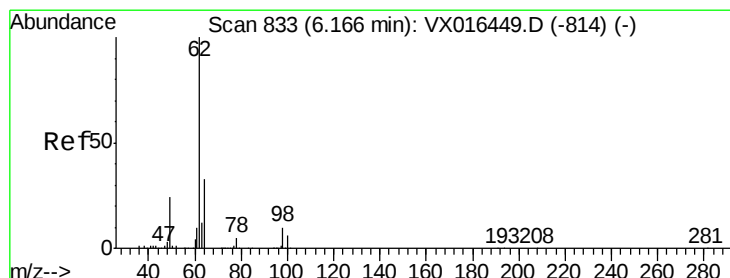
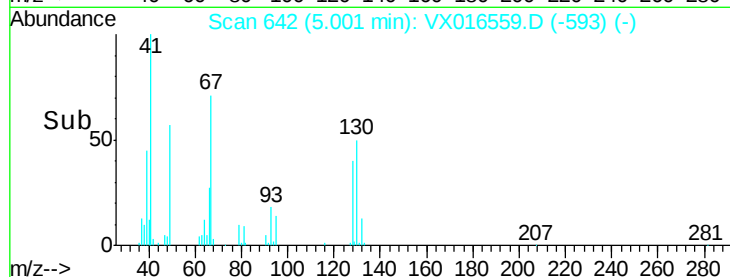
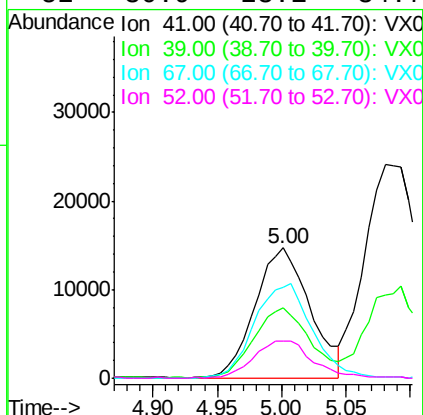
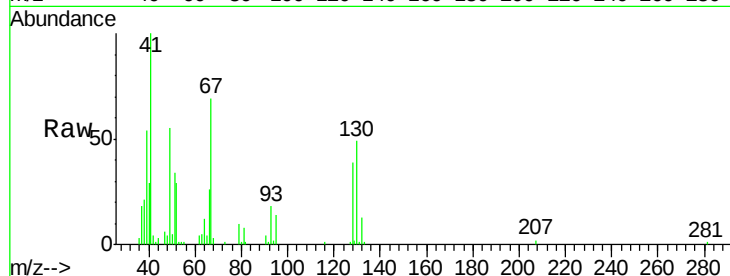
#41
Methacrylonitrile
Concen: 16.166 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.7	43.0	64.4	
67	75.7	58.9	88.3	
52	30.9	23.1	34.7	

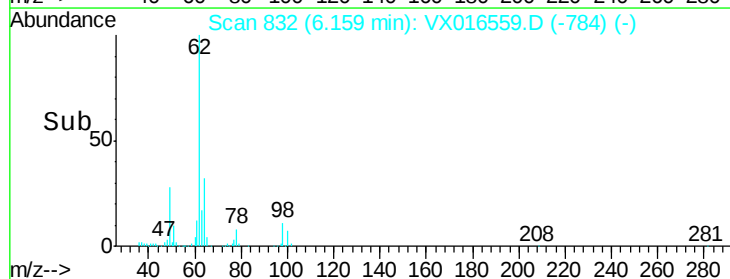
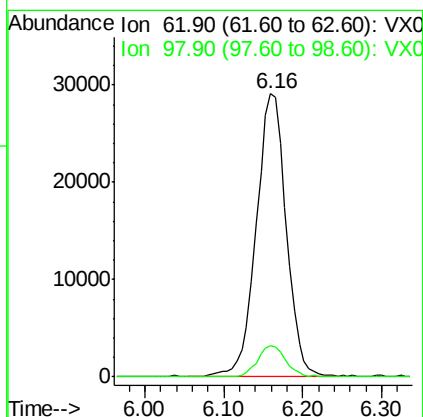
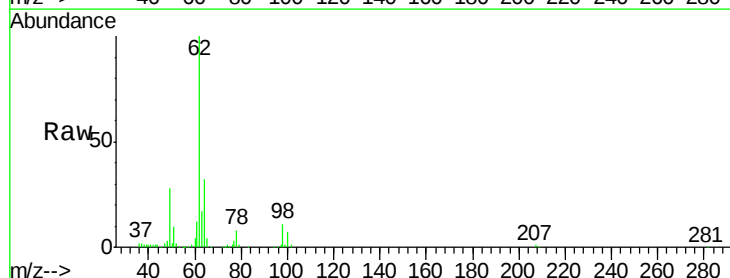
Manual Integrations
APPROVED

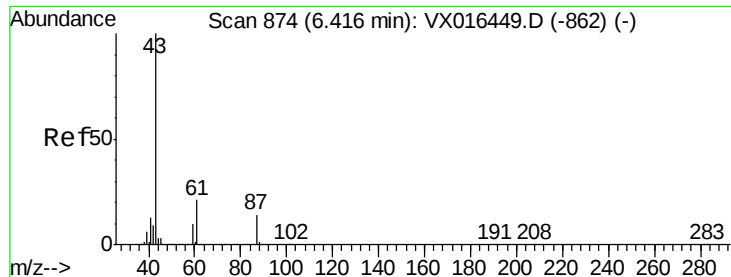
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#42
1,2-Dichloroethane
Concen: 17.742 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.8	





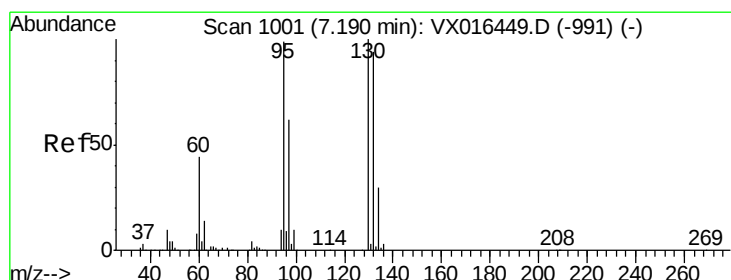
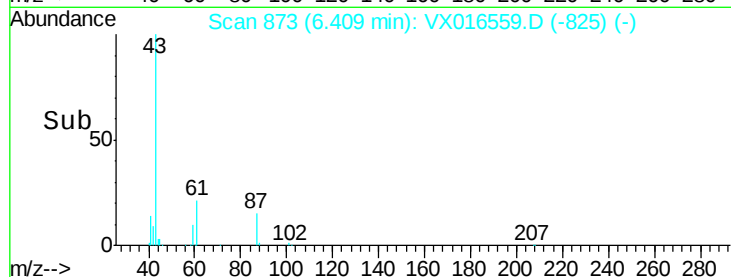
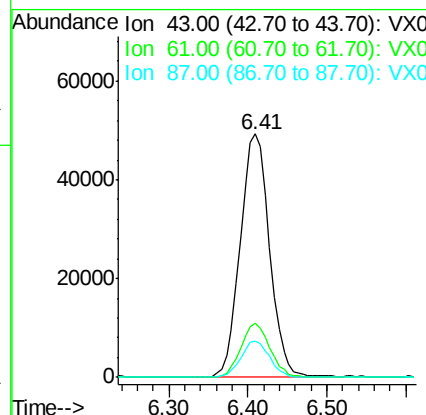
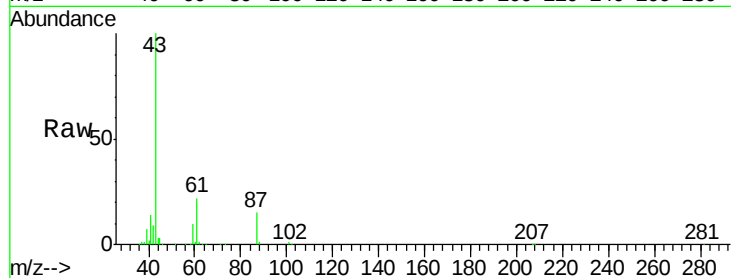
#43
Isopropyl Acetate
Concen: 16.488 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.8	25.2
87	14.6	11.2	16.8

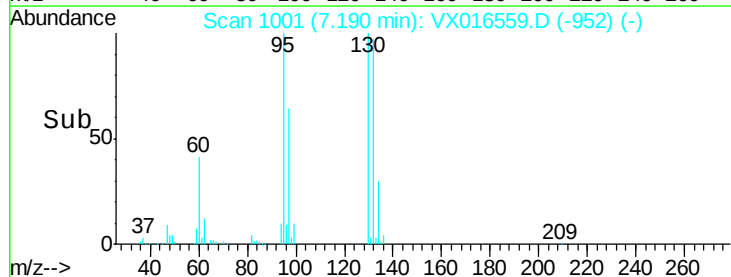
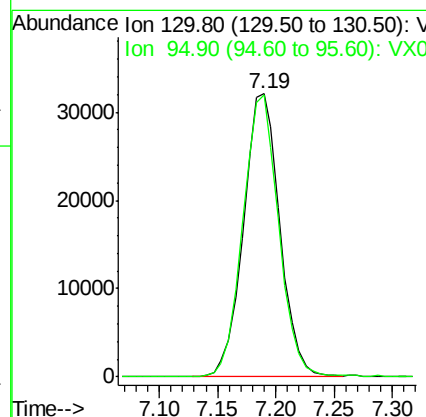
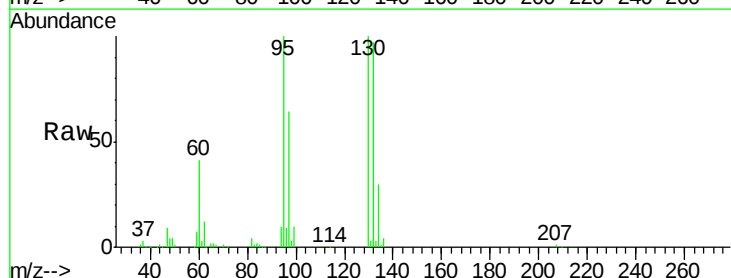
Manual Integrations
APPROVED

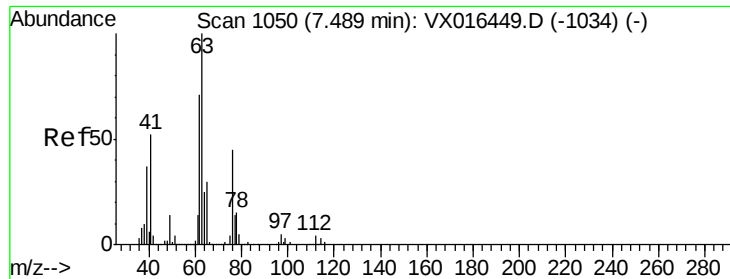
MMDadoda
6/4/2020 3:08:46 PM



#44
Trichloroethene
Concen: 17.987 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	198.2





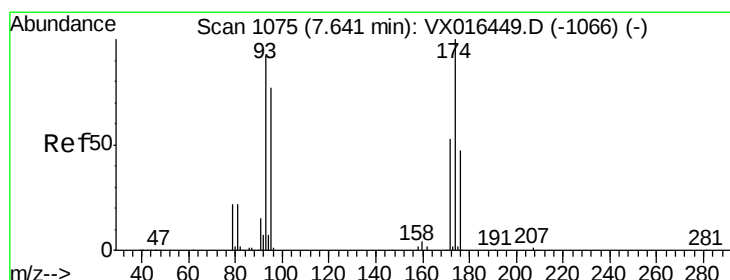
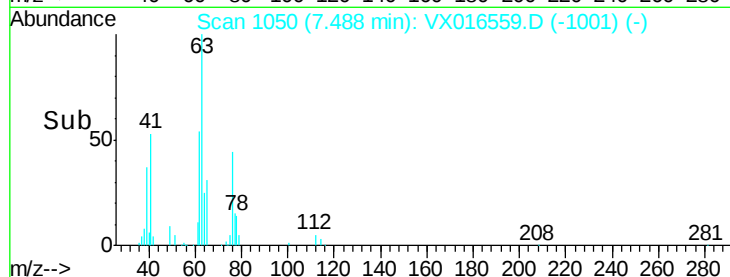
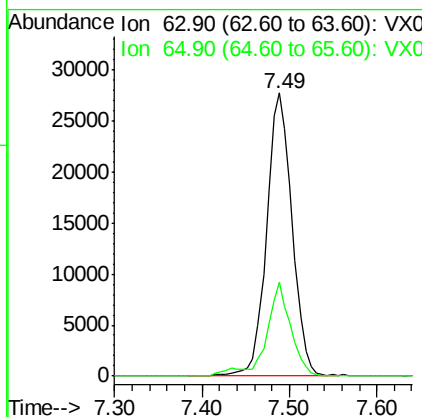
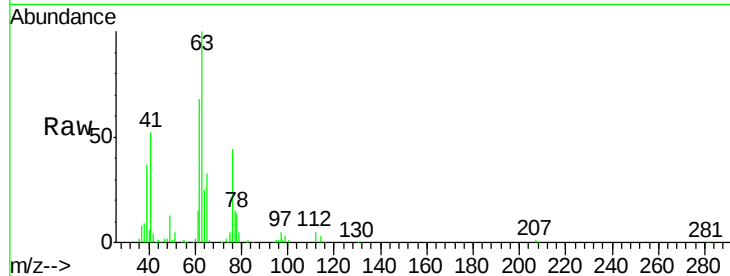
#45
 1,2-Dichloropropane
 Concen: 18.235 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.3	24.2	36.2

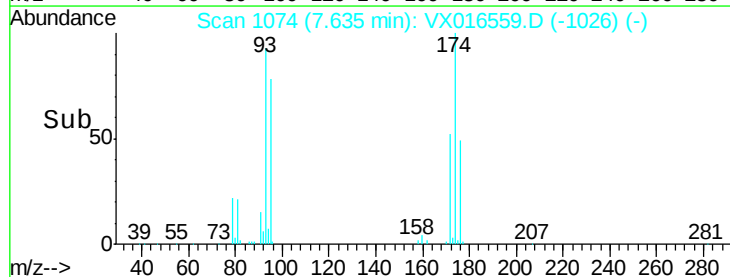
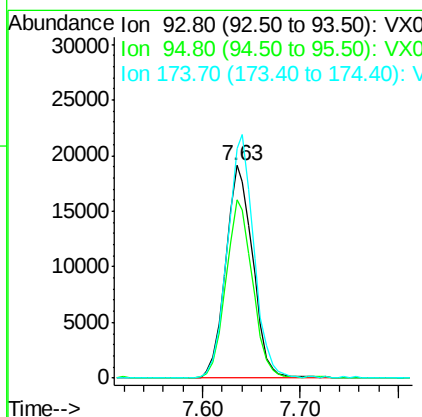
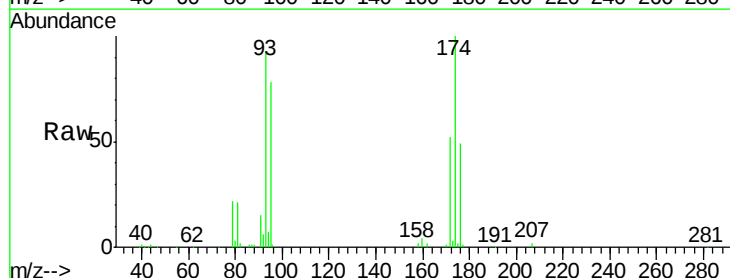
Manual Integrations
 APPROVED

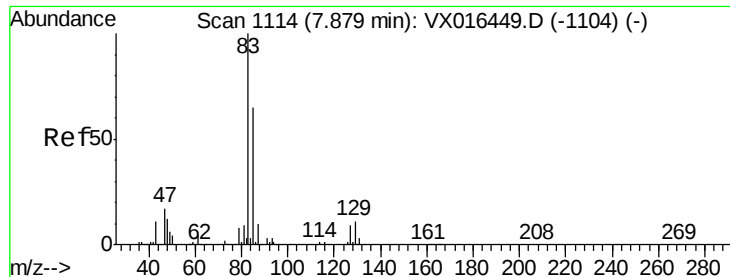
MMDadoda
 6/4/2020 3:08:46 PM



#46
 Dibromomethane
 Concen: 17.619 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.6	100.0
174	111.1	86.2	129.4





#47

Bromodichloromethane

Concen: 17.884 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

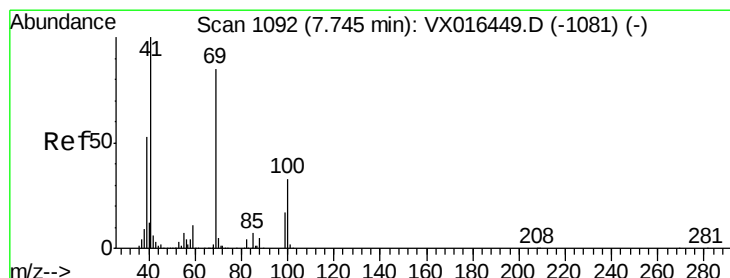
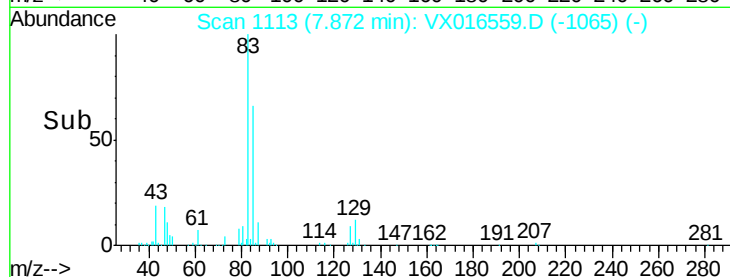
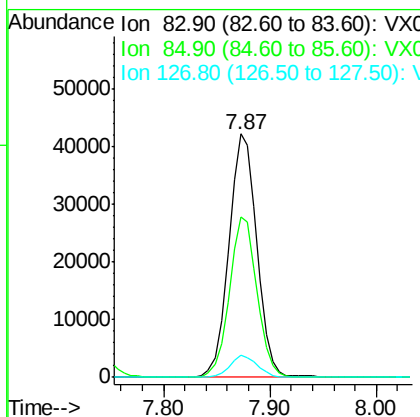
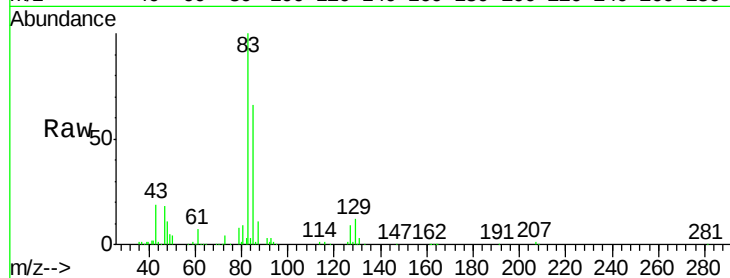
ClientSampled :

VX0603WBS01

Tot Ion:	83	Resp:	77469
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.0	78.0
127	9.2	7.4	11.0

Manual Integrations
APPROVED

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6/4/2020 3:08:46 PM



#48

Methyl methacrylate

Concen: 16.429 ug/l

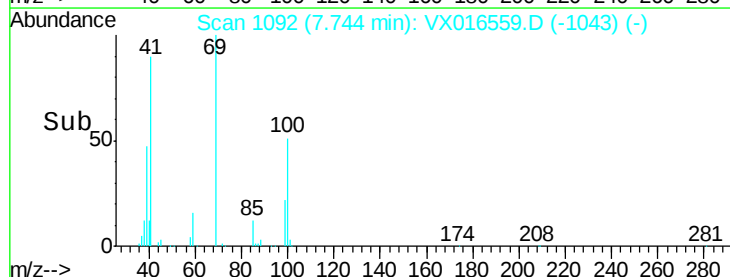
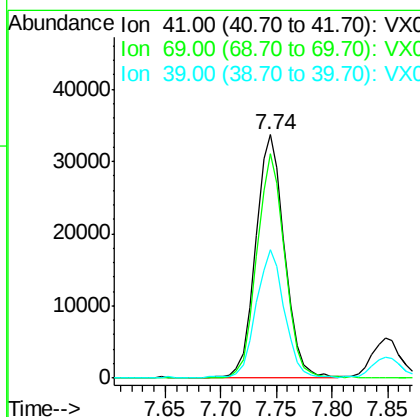
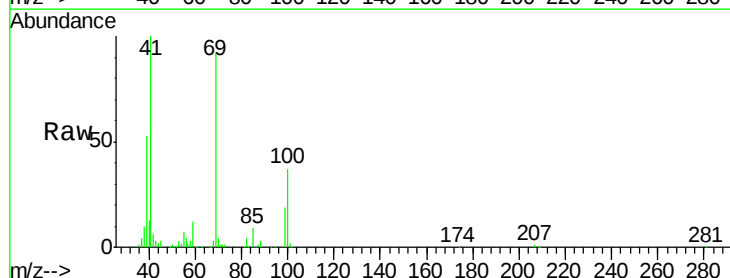
RT: 7.74 min Scan# 1092

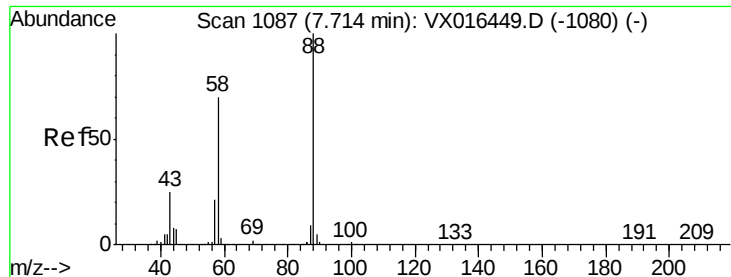
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	41	Resp:	60519
Ion	Ratio	Lower	Upper
41	100		
69	90.0	68.6	102.8
39	52.8	42.4	63.6





#49

1,4-Dioxane

Concen: 295.456 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

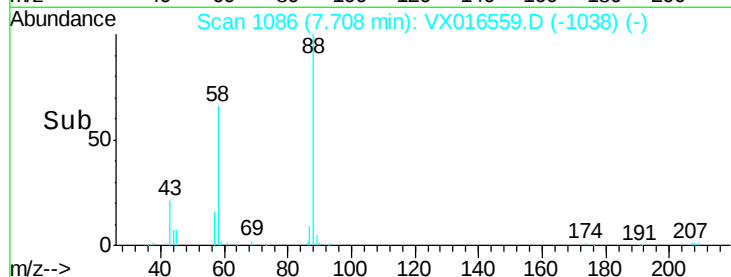
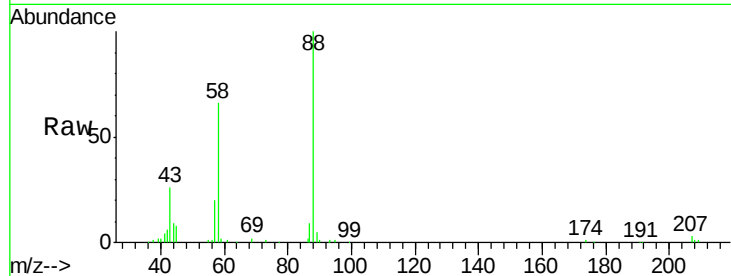
ClientSampleId :

VX0603WBS01

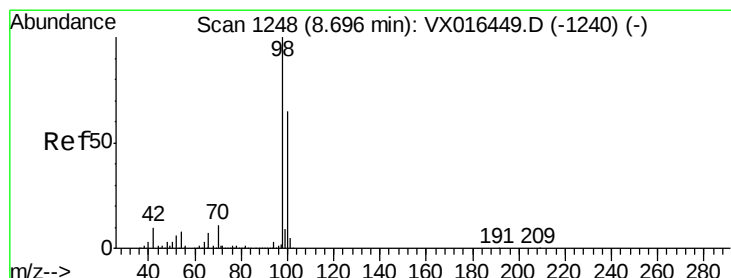
Tot Ion:	88	Resp:	25471
Ion	Ratio	Lower	Upper
88	100		
43	32.4	24.2	36.4
58	70.5	56.5	84.7

Manual Integrations
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Time--> 7.60 7.70 7.80



#50

Toluene-d8

Concen: 49.285 ug/l

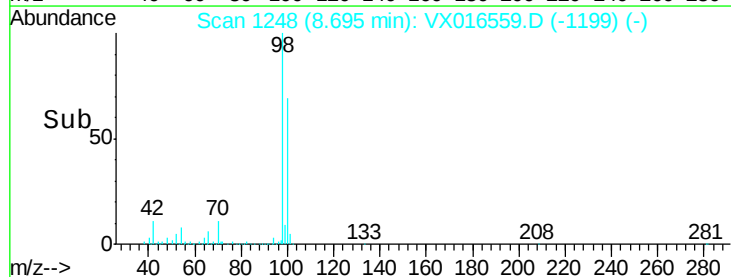
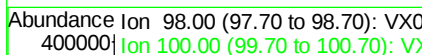
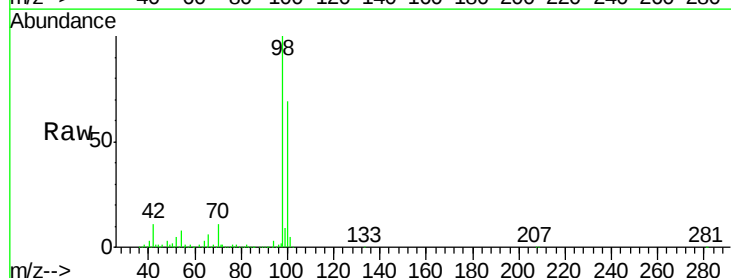
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

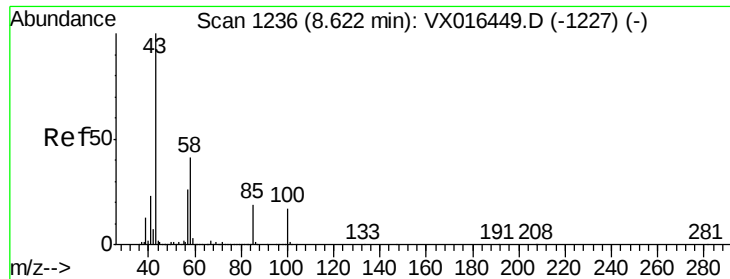
Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	98	Resp:	512528
Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.8	80.6



Time--> 8.60 8.65 8.70 8.75 8.80



#51

4-Methyl-2-Pentanone

Concen: 83.657 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 43 Resp: 400764

Ion Ratio Lower Upper

43 100

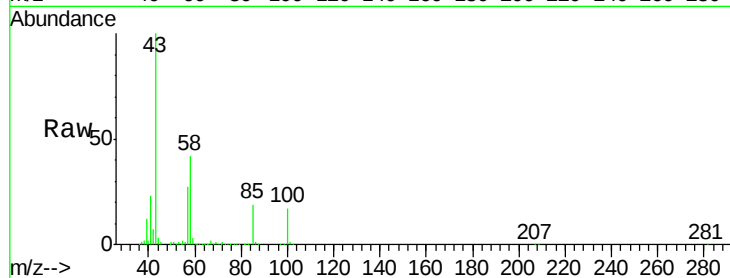
58 42.6 33.0 49.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

250000

200000

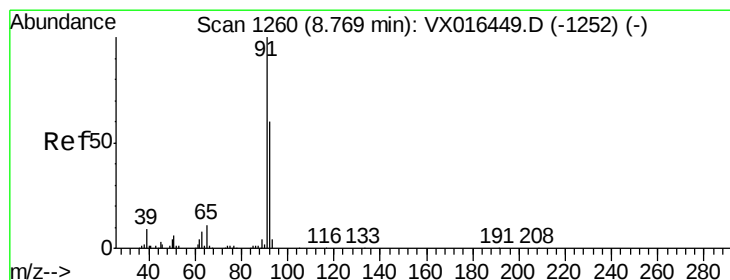
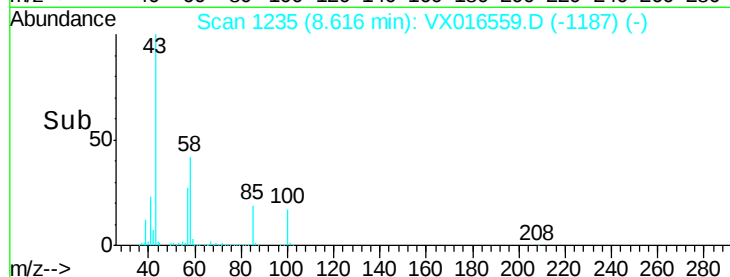
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.381 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016559.D

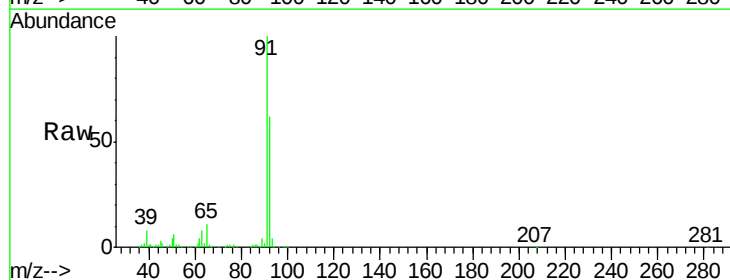
Acq: 03 Jun 2020 11:39

Tgt Ion: 92 Resp: 141808

Ion Ratio Lower Upper

92 100

91 167.0 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

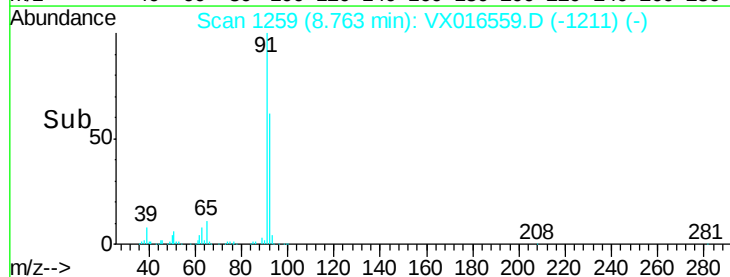
150000

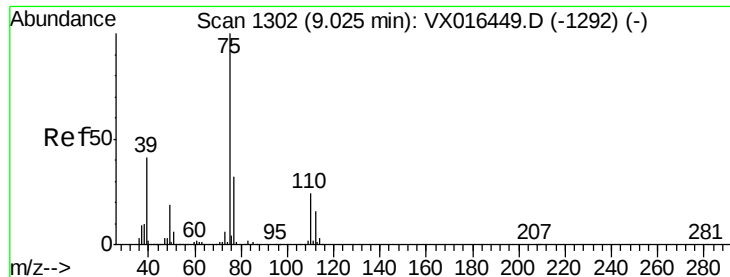
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.995 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 75 Resp: 88636

Ion Ratio Lower Upper

75 100

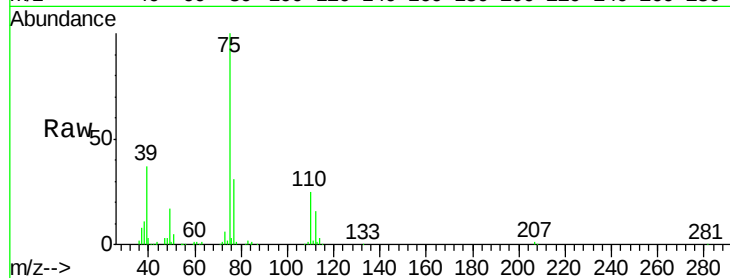
77 31.2 25.5 38.3

Manual Integrations

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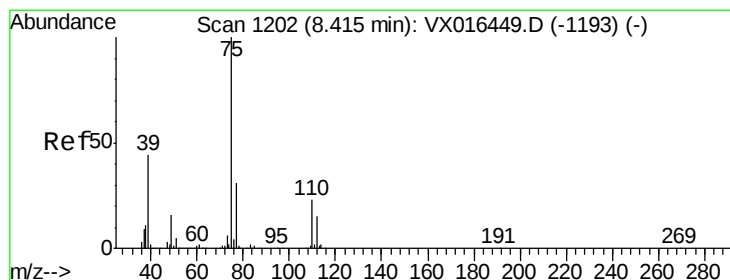
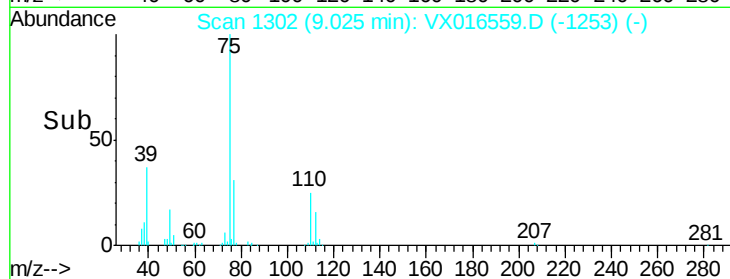
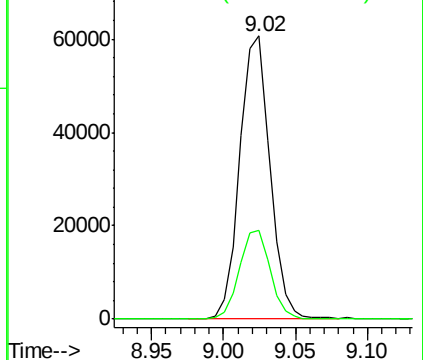
MMDadoda

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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: 18.536 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

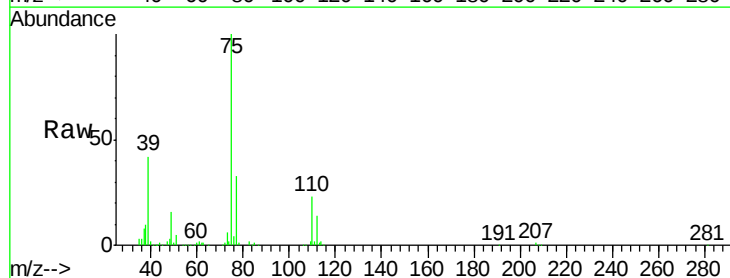
Tgt Ion: 75 Resp: 96639

Ion Ratio Lower Upper

75 100

77 33.0 24.6 36.8

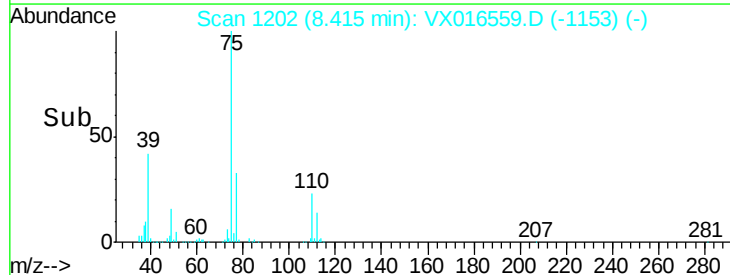
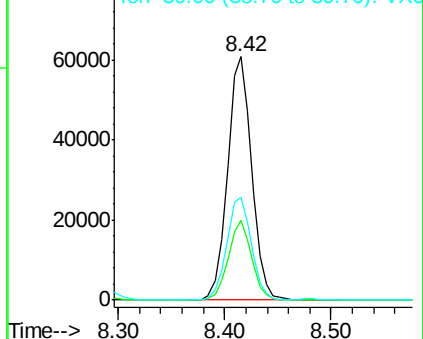
39 42.2 35.3 52.9

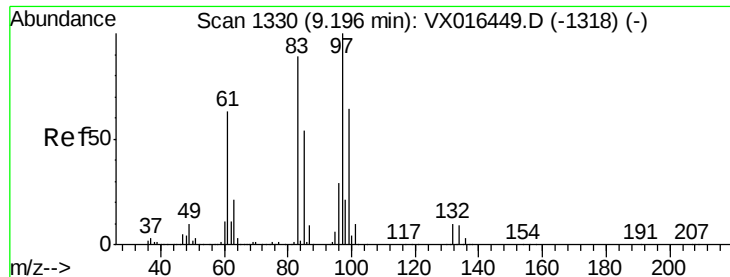


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





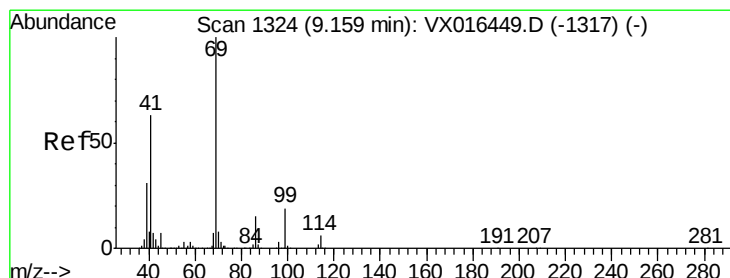
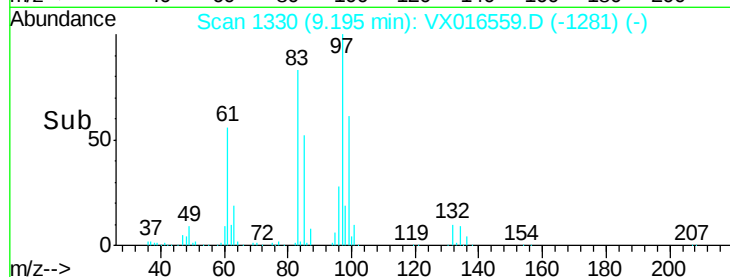
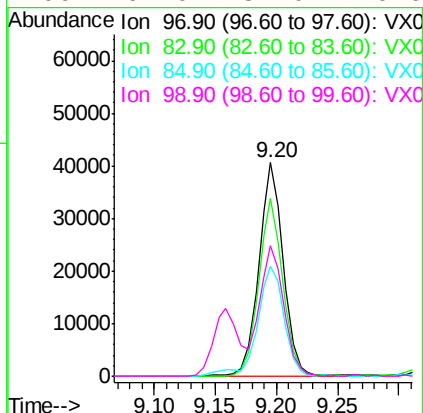
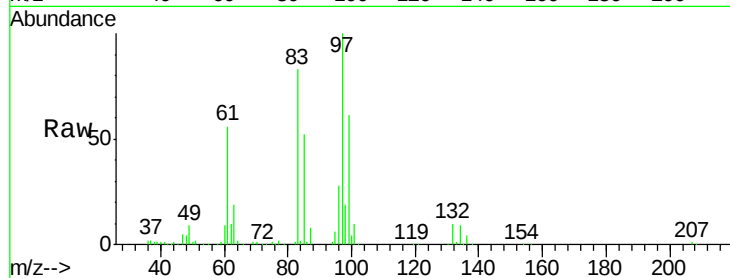
#55
 1,1,2-Trichloroethane
 Concen: 18.415 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion:	97	Resp:	56489
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.9	106.3
85	51.6	43.4	65.2
99	61.0	51.0	76.6

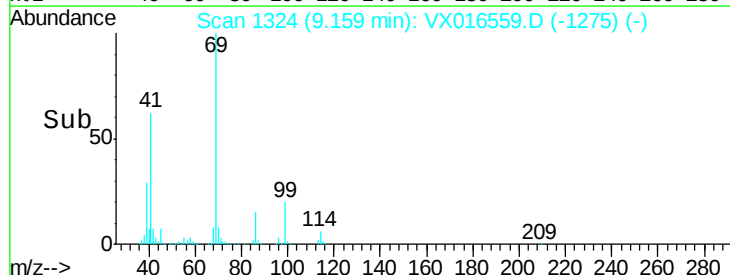
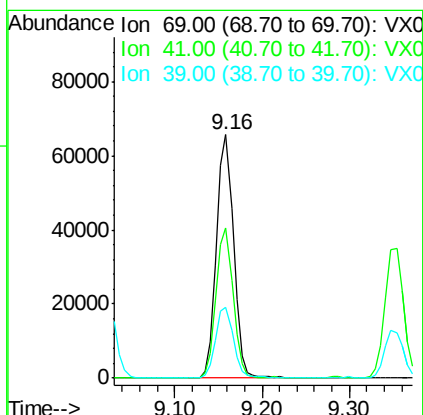
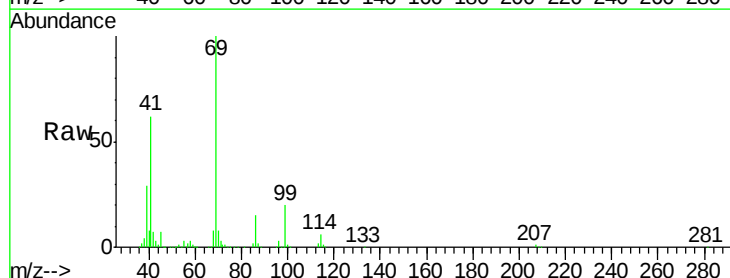
Manual Integrations
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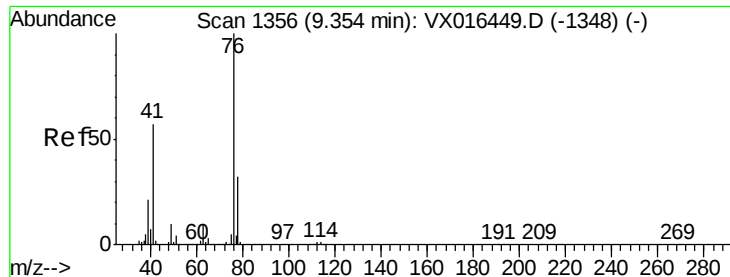
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#56
 Ethyl methacrylate
 Concen: 17.880 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion:	69	Resp:	89325
Ion	Ratio	Lower	Upper
69	100		
41	61.3	50.7	76.1
39	30.1	25.8	38.6





#57

1,3-Dichloropropane

Concen: 18.191 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 76 Resp: 95780

Ion Ratio Lower Upper

76 100

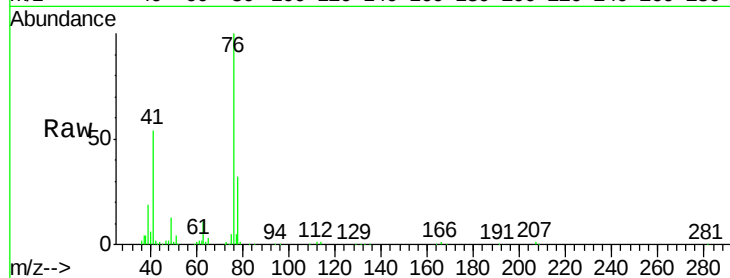
78 32.8 26.2 39.4

Manual Integrations

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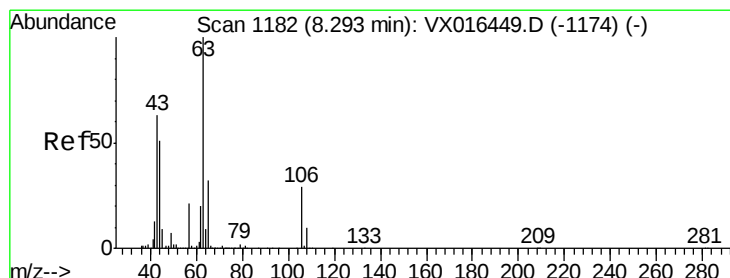
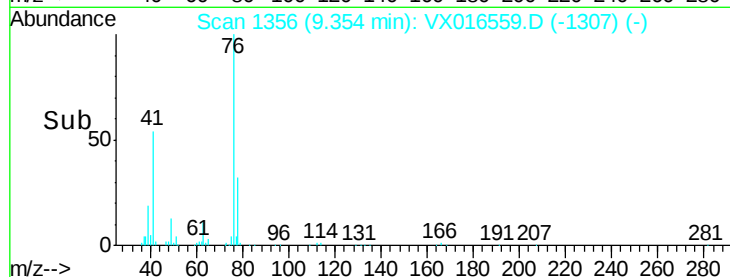
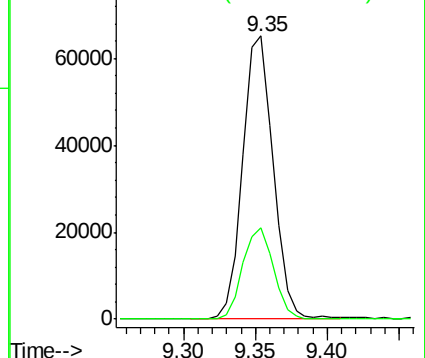
MMDadoda

6/4/2020 3:08:46 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.914 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016559.D

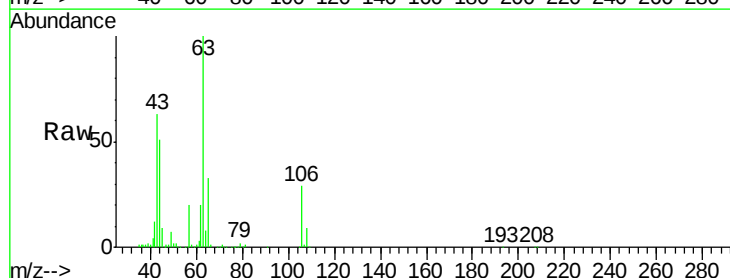
Acq: 03 Jun 2020 11:39

Tgt Ion: 63 Resp: 234461

Ion Ratio Lower Upper

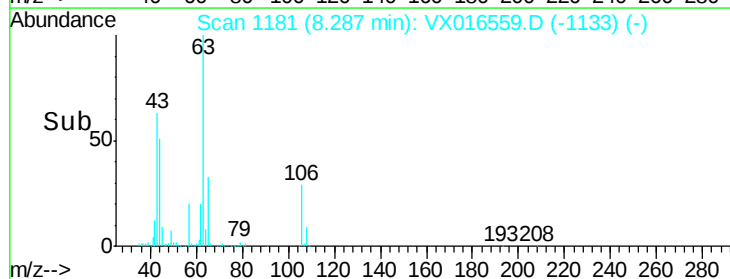
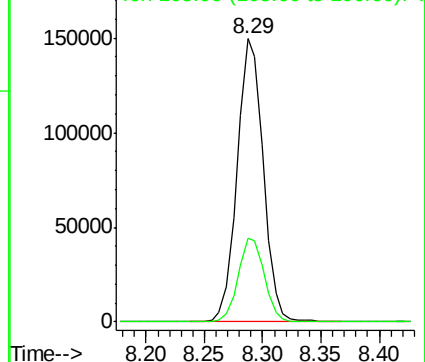
63 100

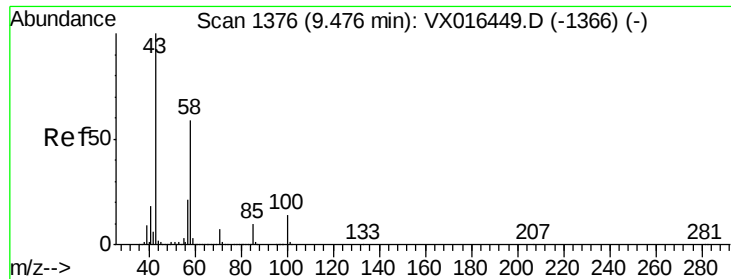
106 29.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





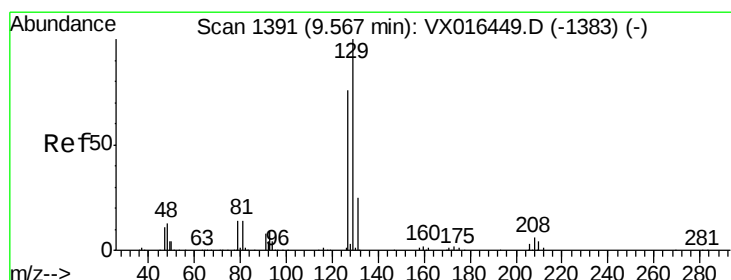
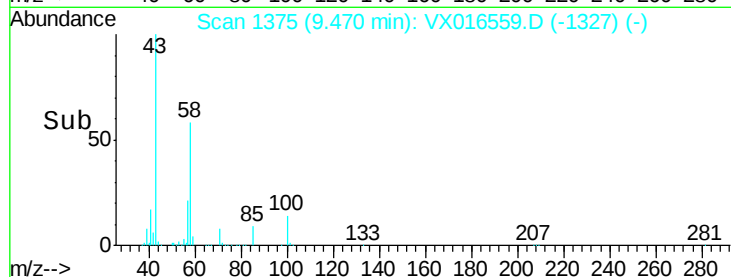
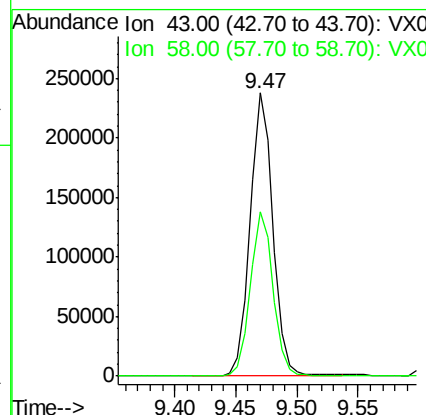
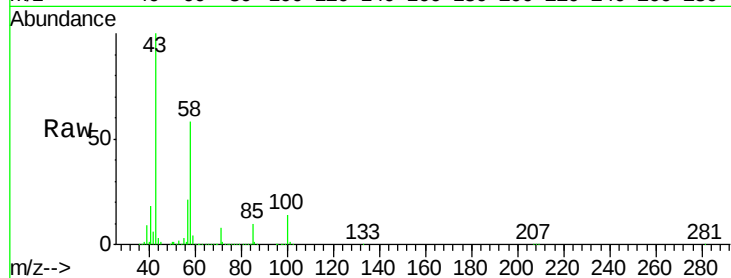
#59
2-Hexanone
Concen: 82.770 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VX0603WBS01

Tot Ion: 43 Resp: 308355
Ion Ratio Lower Upper
43 100
58 58.2 28.8 86.4

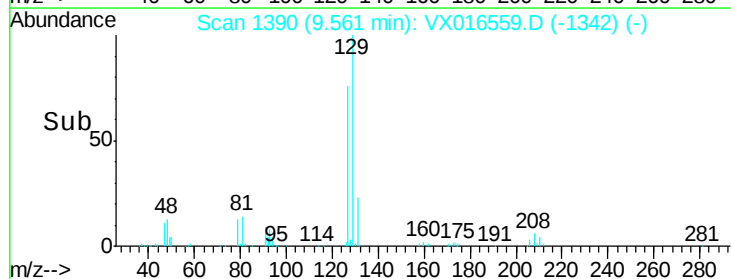
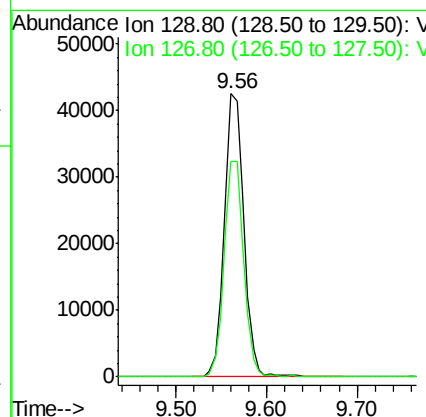
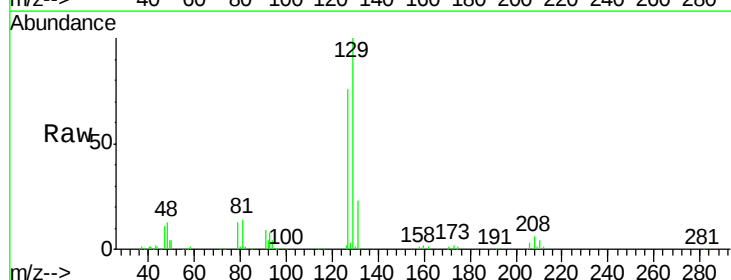
Manual Integrations
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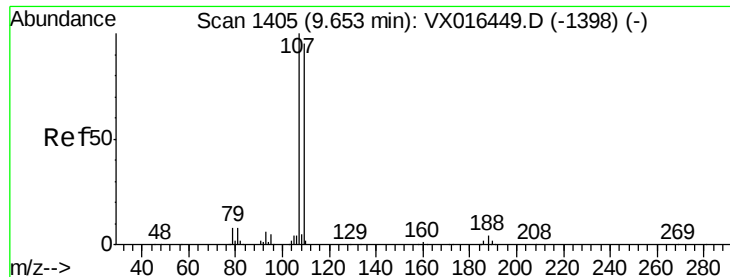
MMDadoda
6/4/2020 3:08:46 PM



#60
Dibromochloromethane
Concen: 18.559 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion: 129 Resp: 64066
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





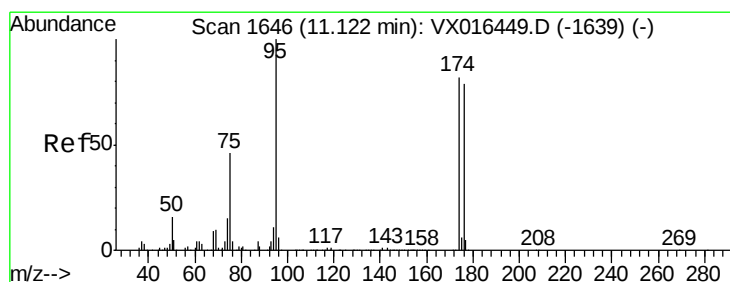
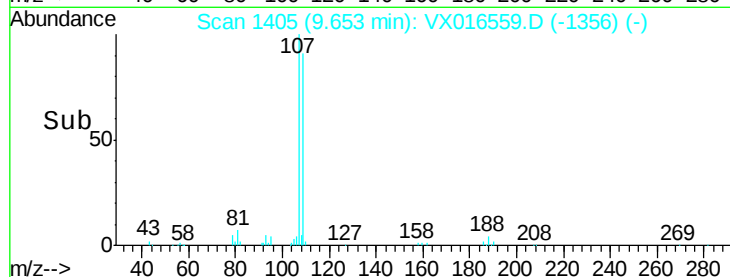
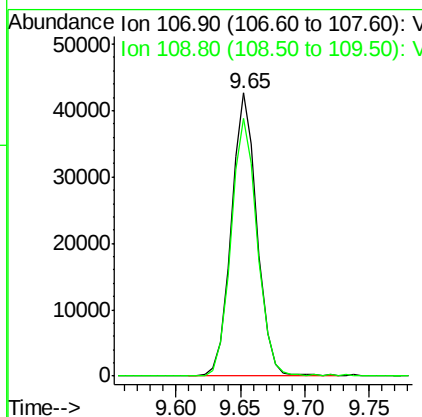
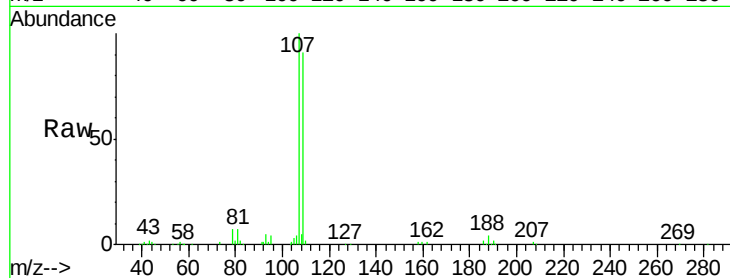
#61
 1,2-Dibromoethane
 Concen: 17.981 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.5	113.3

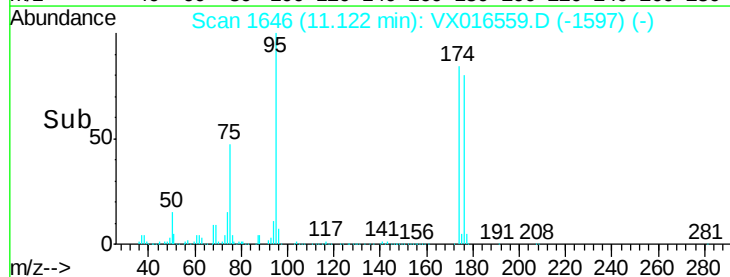
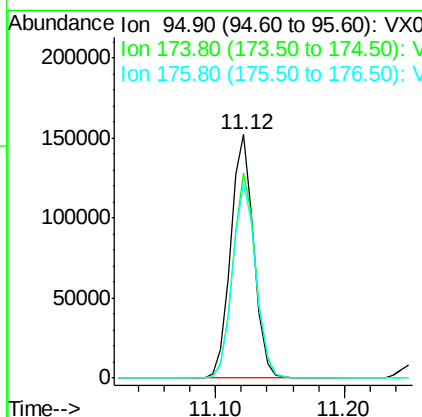
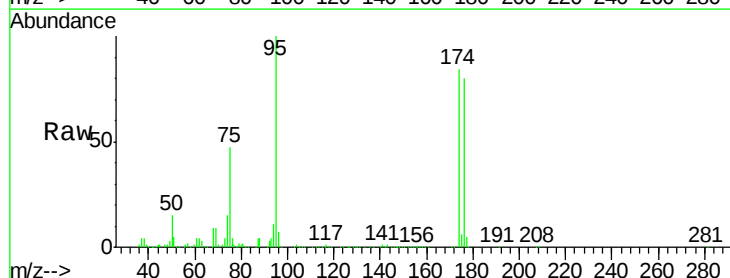
Manual Integrations
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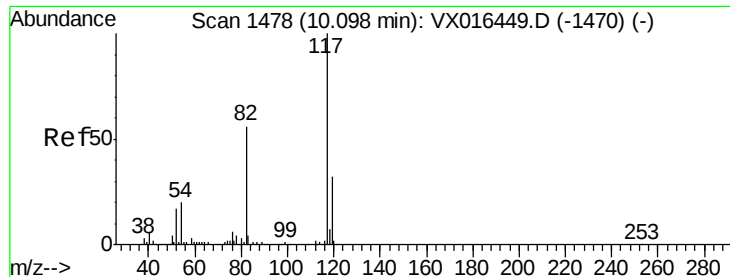
MMDadoda
 6/4/2020 3:08:46 PM



#62
 4-Bromofluorobenzene
 Concen: 47.405 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	163.0
176	80.8	0.0	156.8





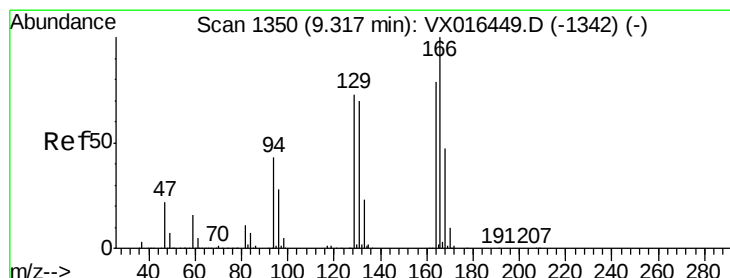
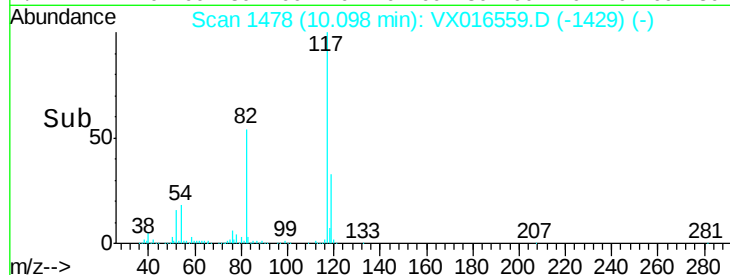
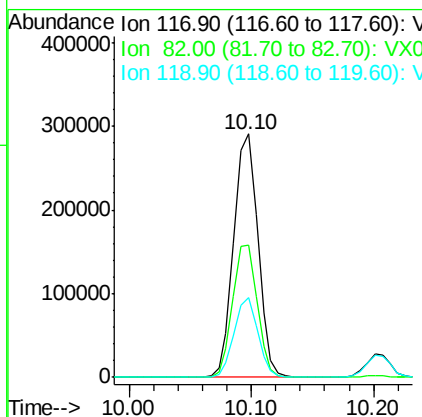
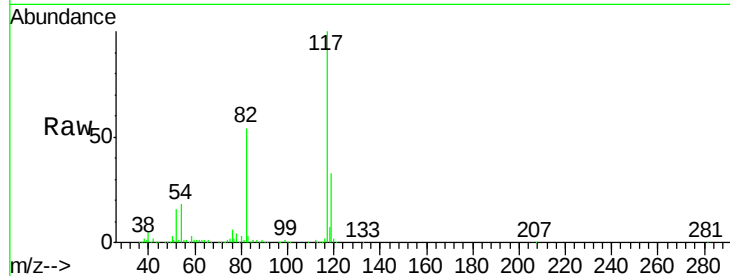
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399156		
82	54.4	45.0	67.6	
119	32.6	25.8	38.8	

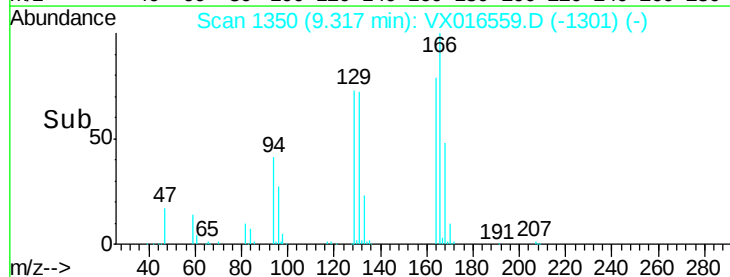
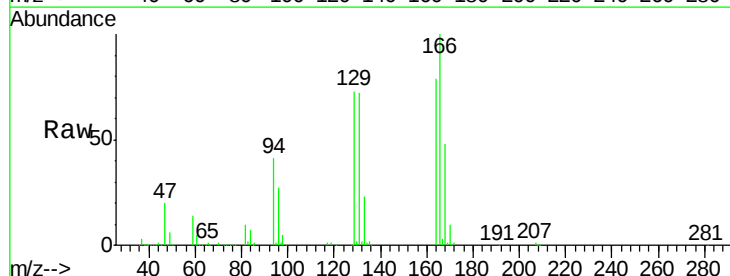
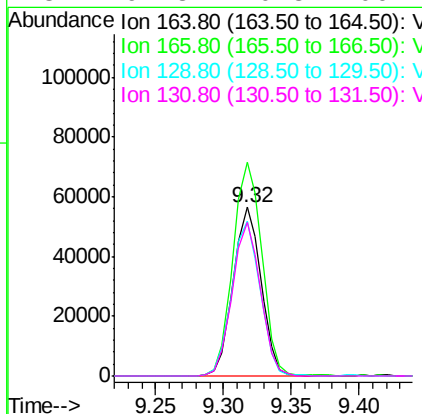
Manual Integrations
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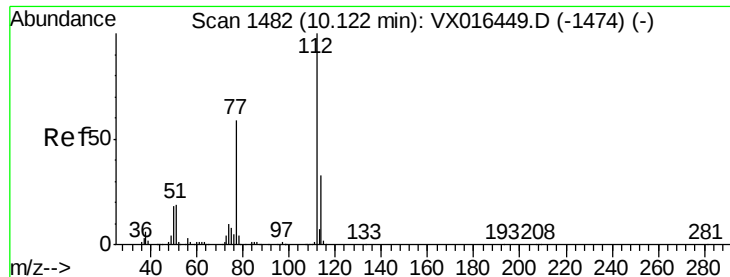
MMDadoda
6/4/2020 3:08:46 PM



#64
Tetrachloroethene
Concen: 18.262 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	81554		
166	126.7	100.9	151.3	
129	92.1	73.2	109.8	
131	91.3	70.8	106.2	





#65

Chlorobenzene

Concen: 18.468 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion:112 Resp: 150283

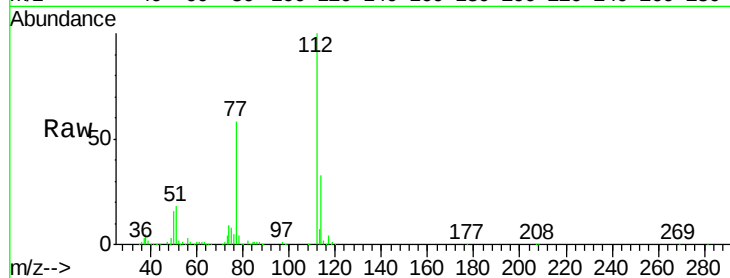
Ion Ratio Lower Upper

112 100

114 32.8 26.0 39.0

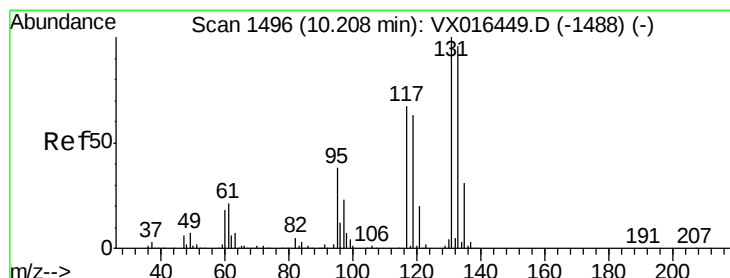
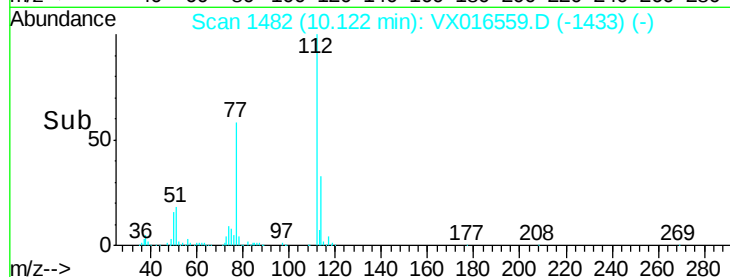
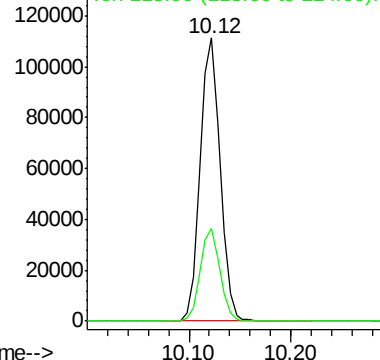
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.677 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

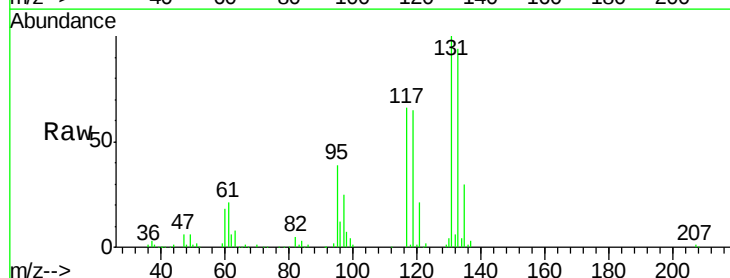
Tgt Ion:131 Resp: 58019

Ion Ratio Lower Upper

131 100

133 97.5 48.4 145.3

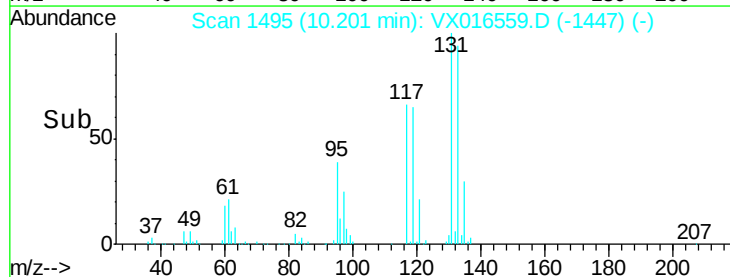
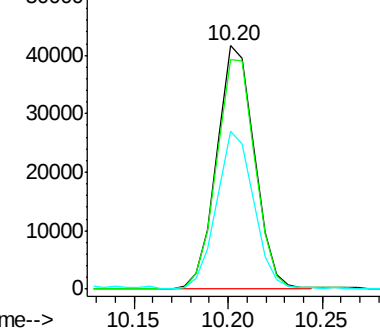
119 64.0 32.0 96.2

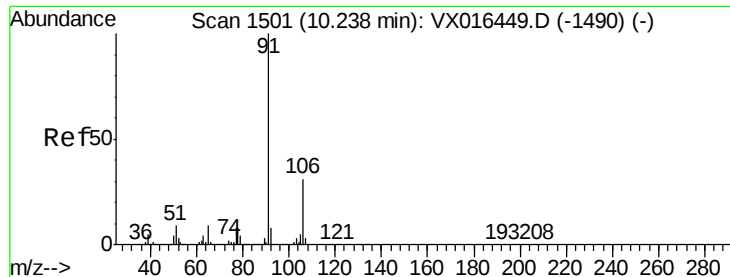


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.184 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 91 Resp: 263457

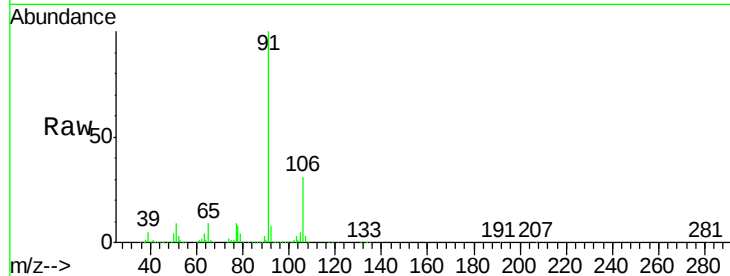
Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX016449.D (-1490) (-)

300000

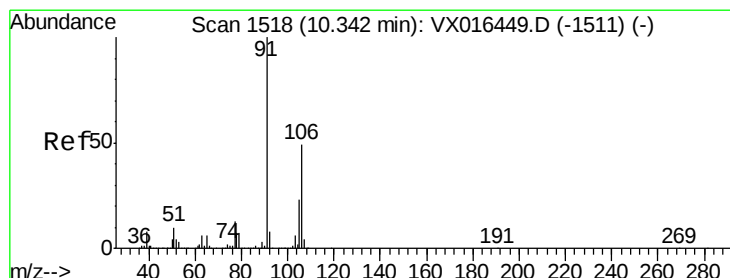
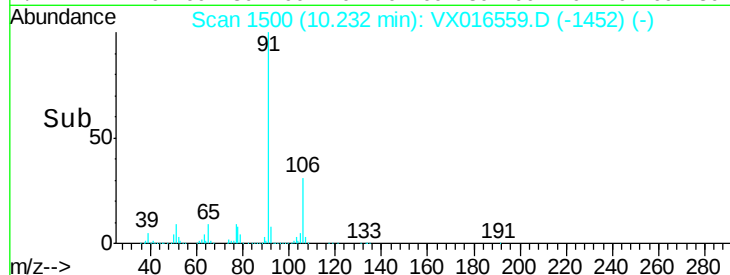
200000

100000

0

10.20 10.23 10.30

Time-->



#68

m/p-Xylenes

Concen: 37.366 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016559.D

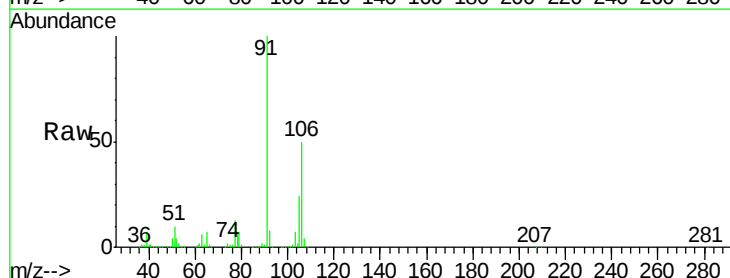
Acq: 03 Jun 2020 11:39

Tgt Ion: 106 Resp: 200728

Ion Ratio Lower Upper

106 100

91 202.2 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016449.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016449.D (-1511) (-)

300000

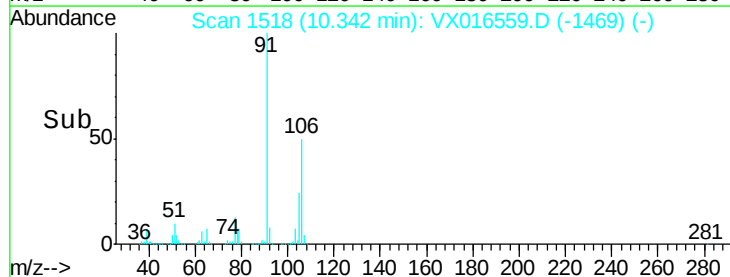
200000

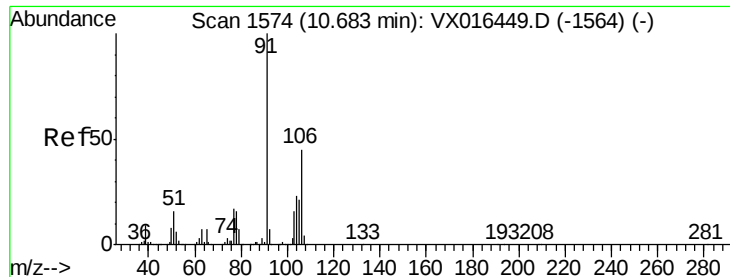
100000

0

10.30 10.34 10.40

Time-->





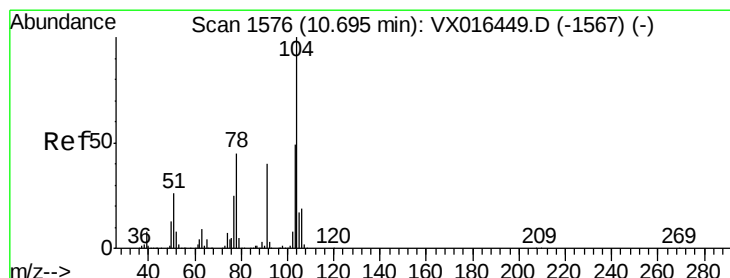
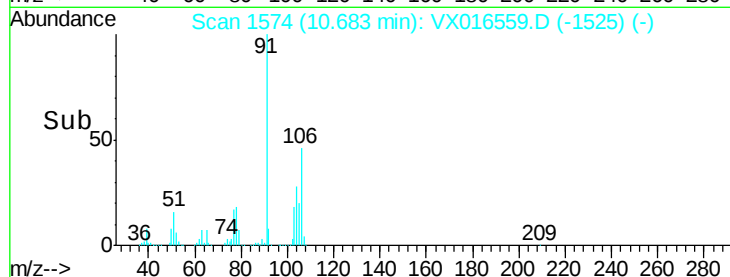
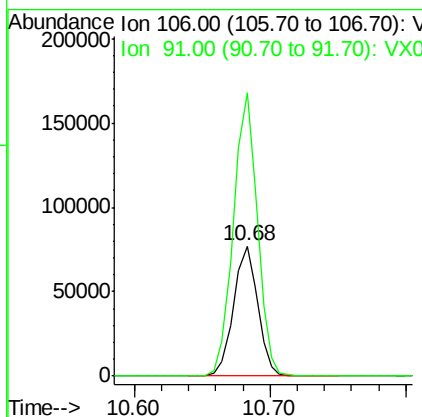
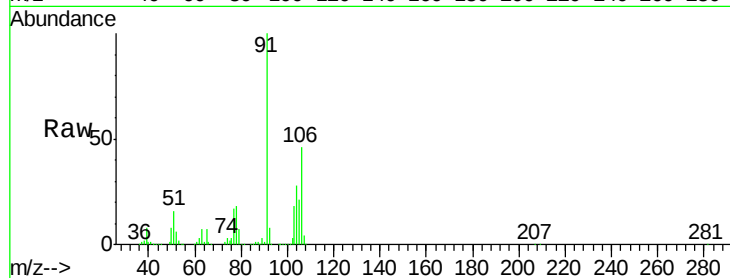
#69
o-Xylene
Concen: 18.332 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion:106 Resp: 95371
Ion Ratio Lower Upper
106 100
91 216.8 109.6 328.8

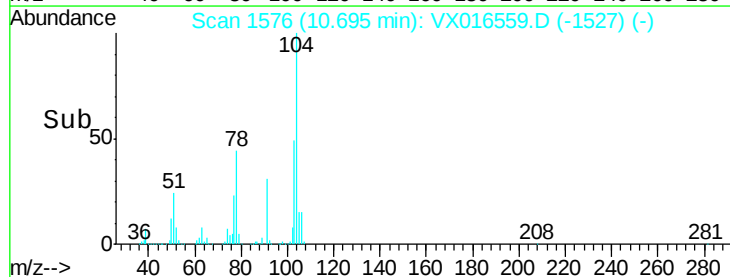
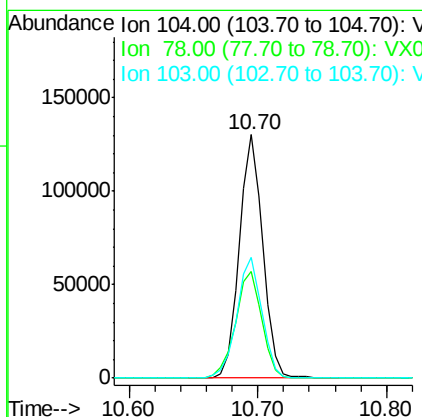
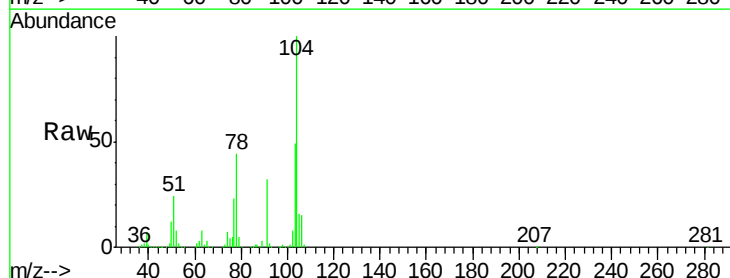
Manual Integrations
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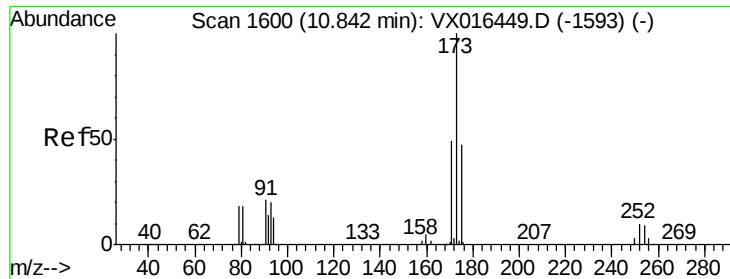
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#70
Styrene
Concen: 18.336 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion:104 Resp: 163970
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.2
103 53.6 43.1 64.7





#71

Bromoform

Concen: 17.762 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion:173 Resp: 46632

Ion Ratio Lower Upper

173 100

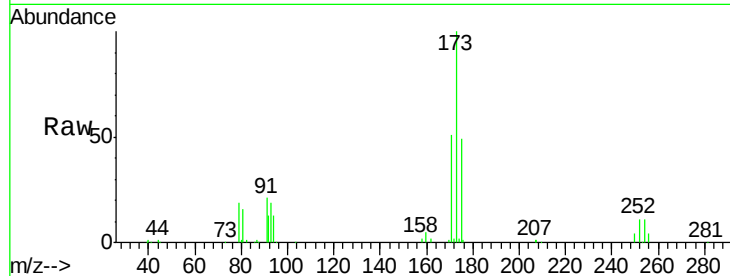
175 48.7 23.9 71.7

254 0.0 0.1 0.1#

Manual Integrations
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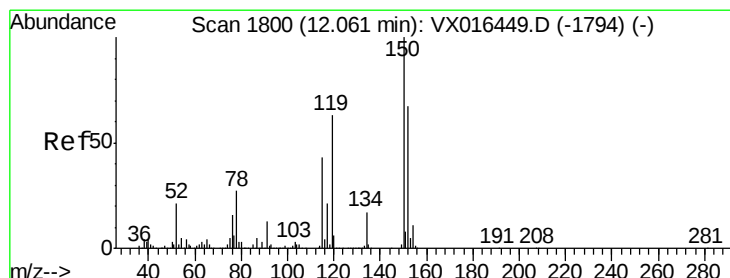
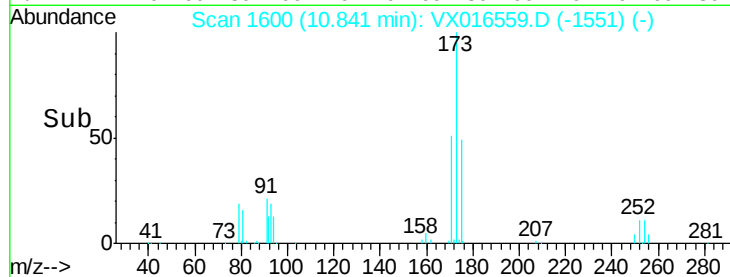
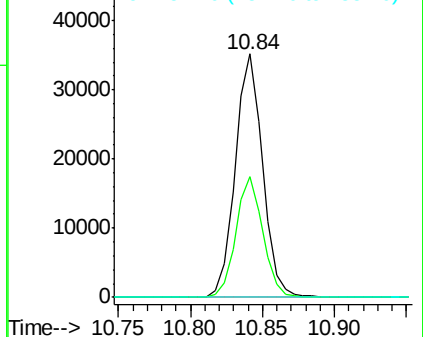
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

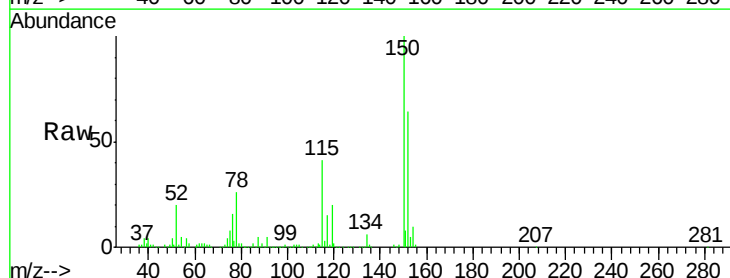
Tgt Ion:152 Resp: 190754

Ion Ratio Lower Upper

152 100

115 68.5 39.9 119.6

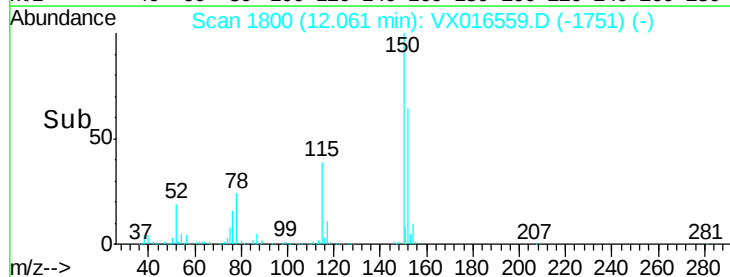
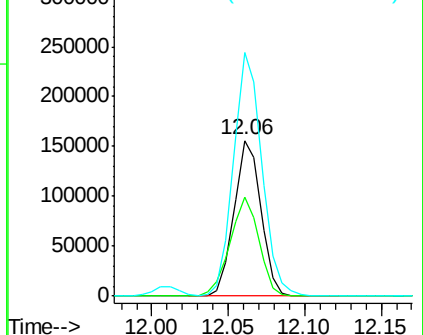
150 164.4 0.0 341.0

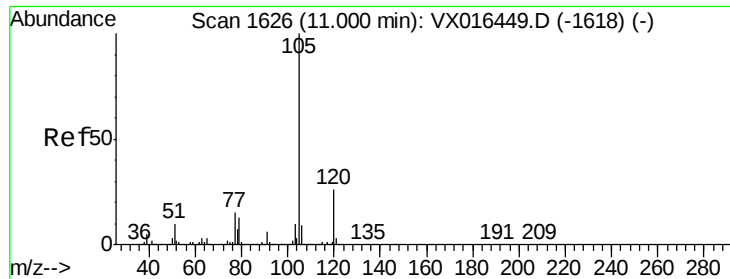


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.465 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0603WBS01

Tot Ion: 105 Resp: 257264

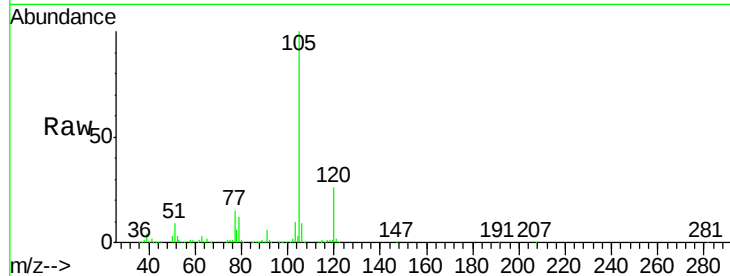
Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

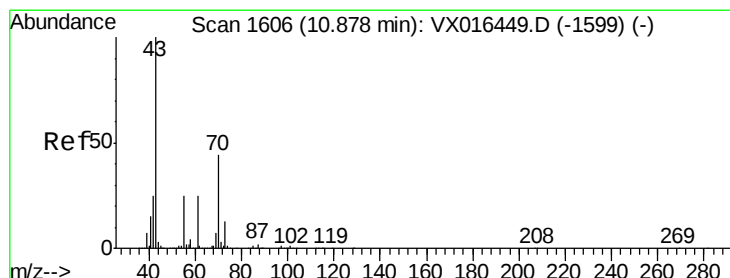
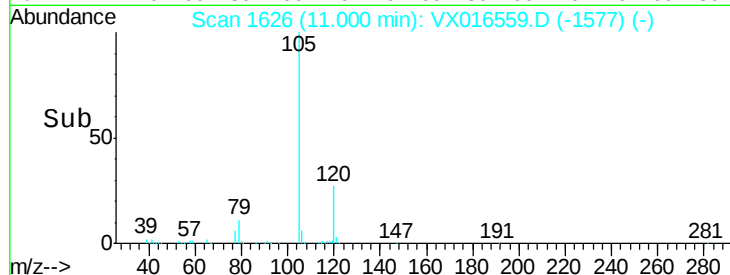
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.387 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion: 43 Resp: 105703

Ion Ratio Lower Upper

43 100

70 48.1 36.1 54.1

55 26.4 20.2 30.4

61 26.3 20.3 30.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

0

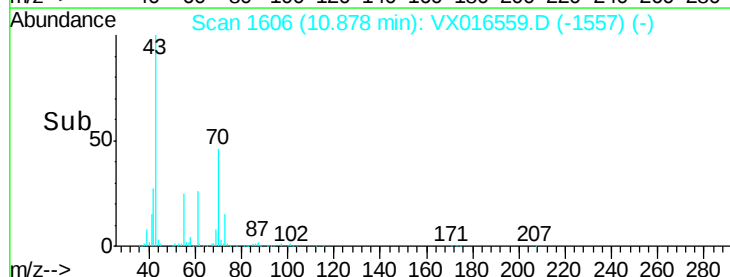
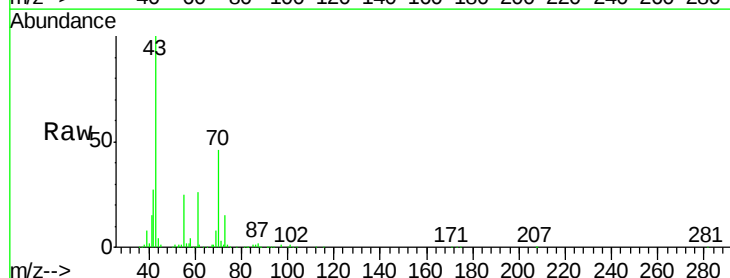
10.88

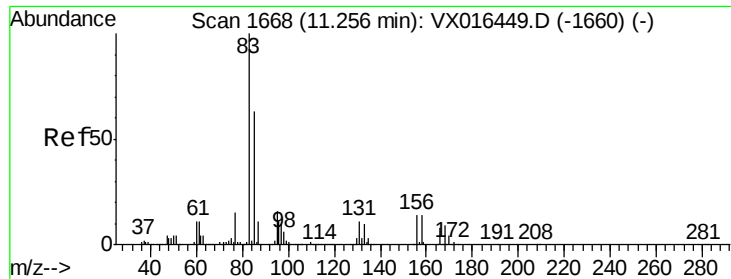
10.85

10.90

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.429 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

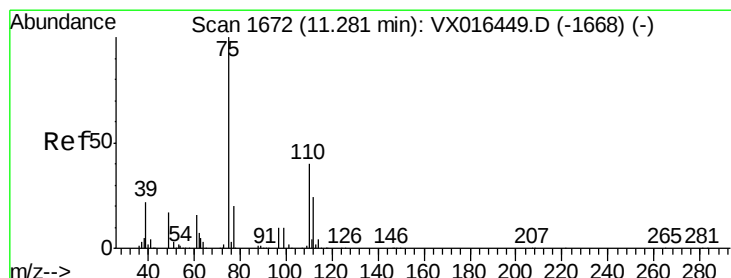
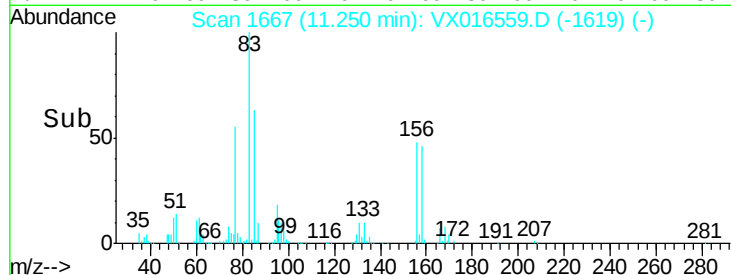
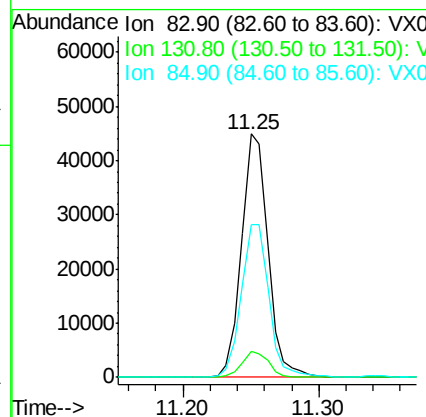
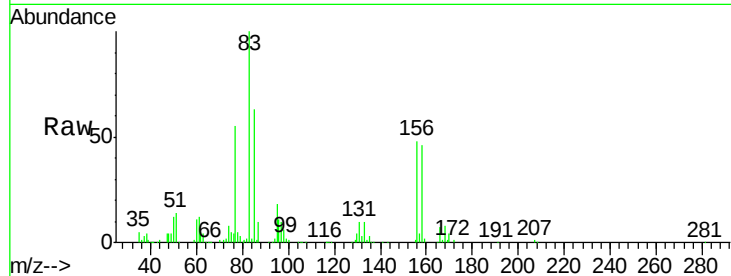
ClientSampleId :

VX0603WBS01

Tot Ion:	83	Resp:	61044
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	65.4	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.556 ug/l m

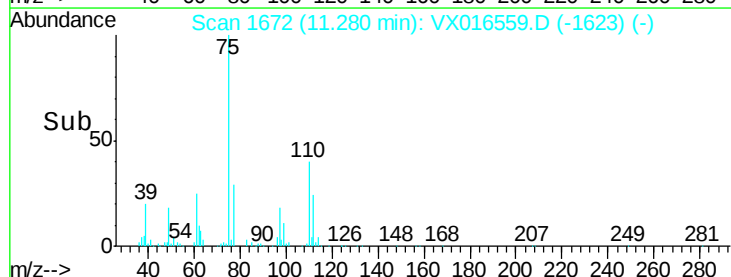
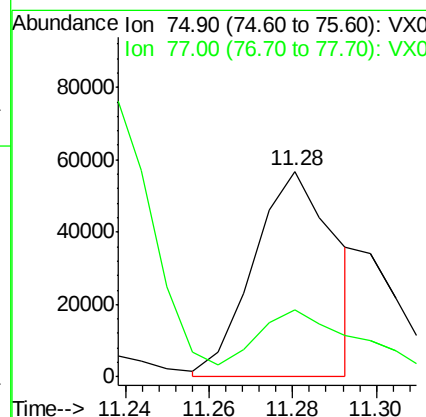
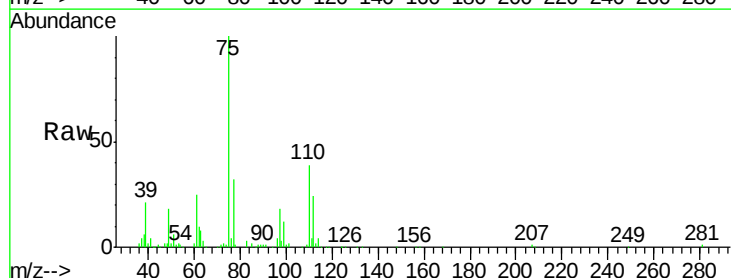
RT: 11.28 min Scan# 1672

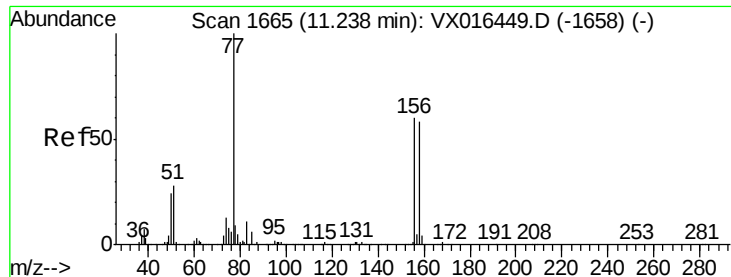
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	75	Resp:	77804
Ion	Ratio	Lower	Upper
75	100		
77	41.3	21.3	63.7





#77

Bromobenzene

Concen: 18.882 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

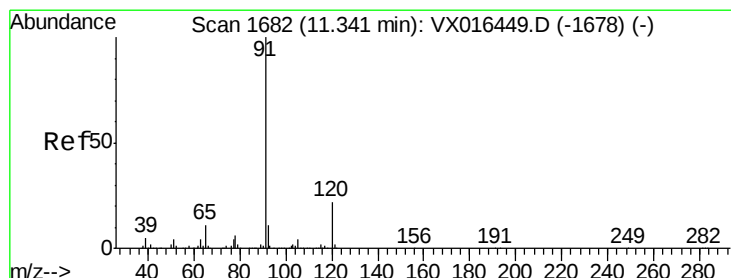
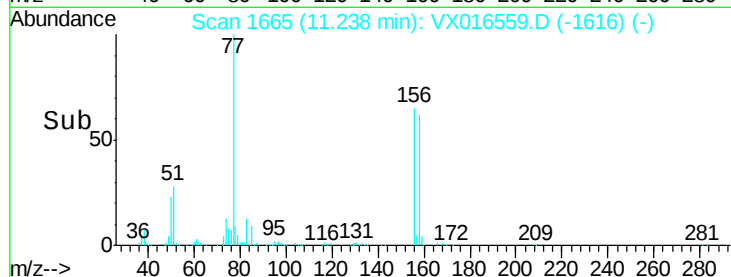
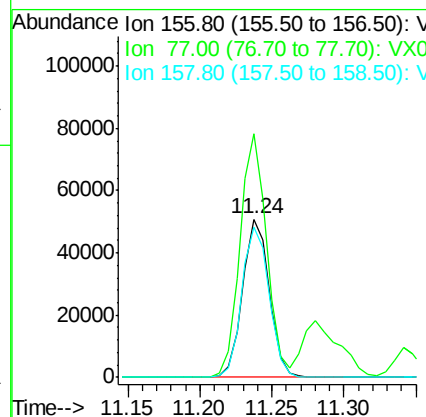
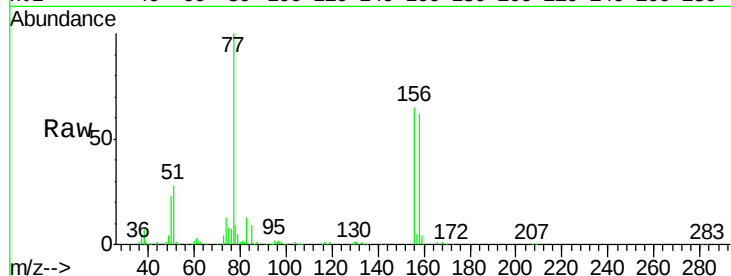
ClientSampleId :

VX0603WBS01

Tot Ion:	156	Resp:	65456
Ion Ratio	Lower	Upper	
156	100		
77	154.2	79.6	238.8
158	97.4	48.1	144.4

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#78

n-propylbenzene

Concen: 19.281 ug/l

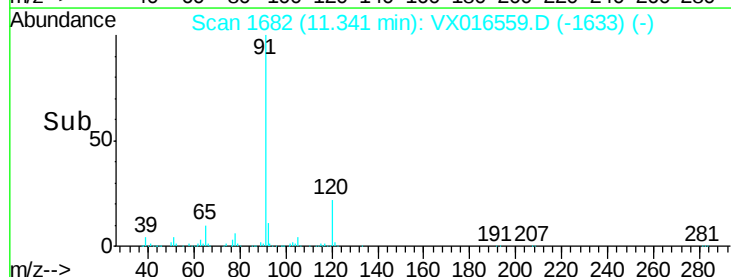
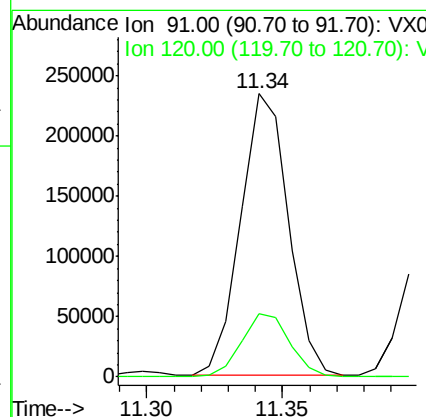
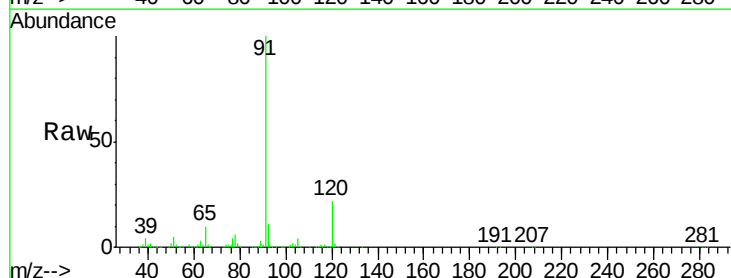
RT: 11.34 min Scan# 1682

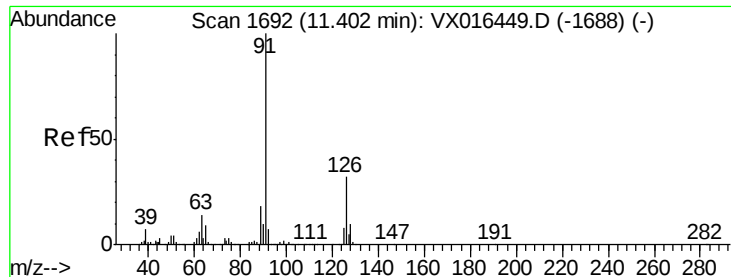
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	91	Resp:	284701
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.6	34.7





#79

2-Chlorotoluene

Concen: 19.019 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion: 91 Resp: 171426

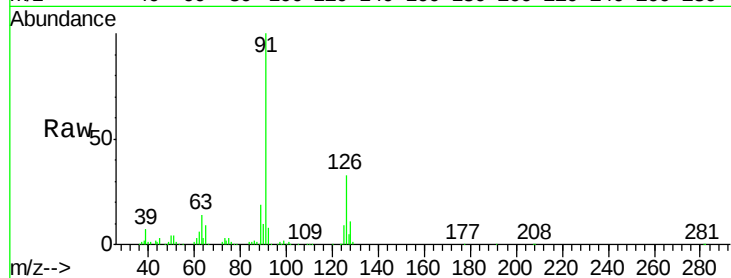
Ion Ratio Lower Upper

91 100

126 33.9 16.8 50.3

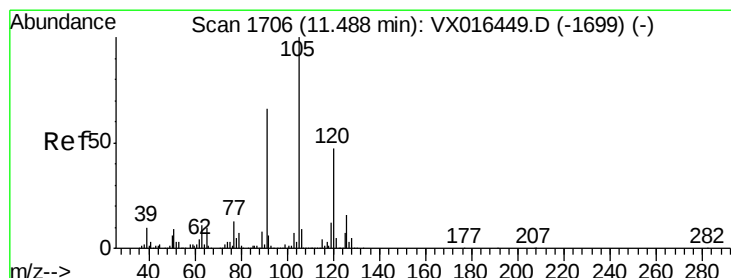
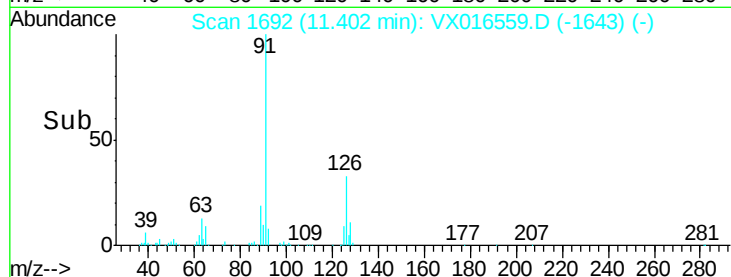
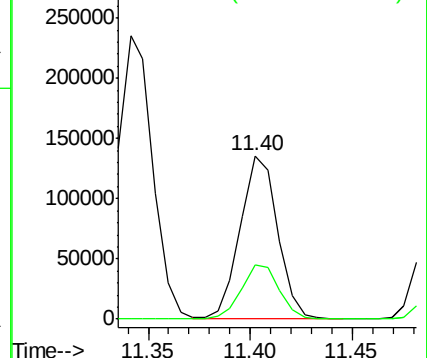
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Abundance Ion 91.00 (90.70 to 91.70): VX

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.425 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016559.D

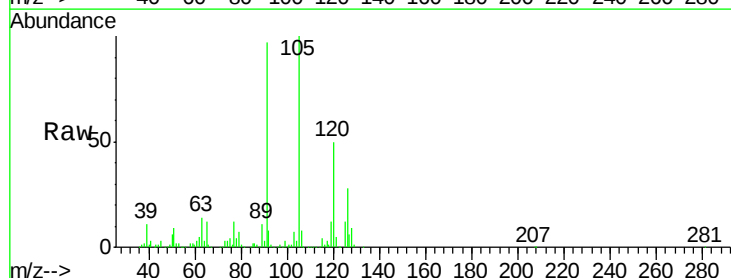
Acq: 03 Jun 2020 11:39

Tgt Ion: 105 Resp: 214369

Ion Ratio Lower Upper

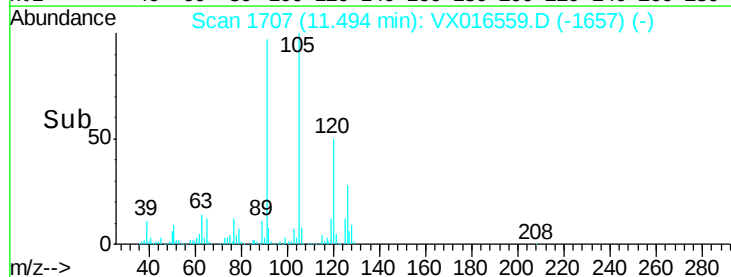
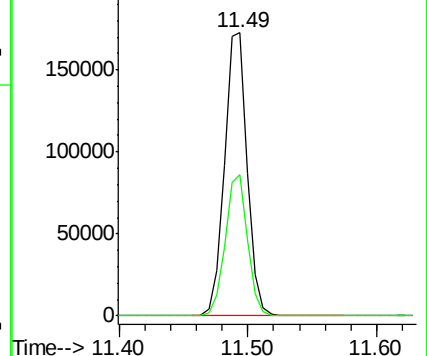
105 100

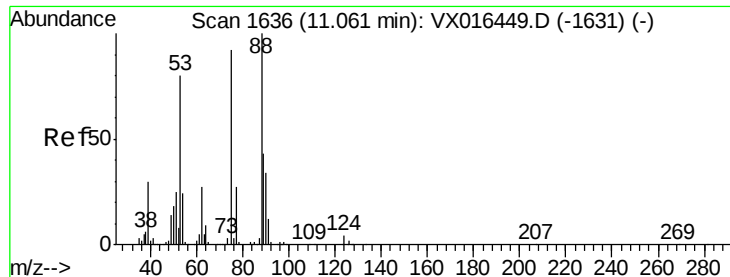
120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.877 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

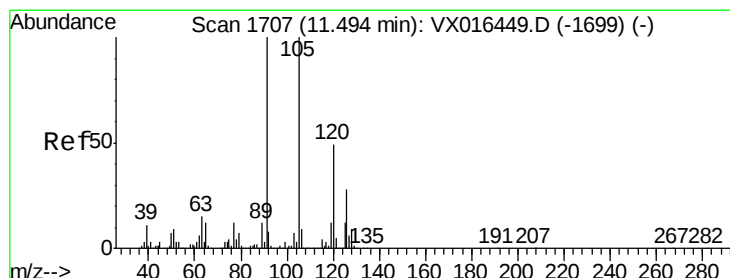
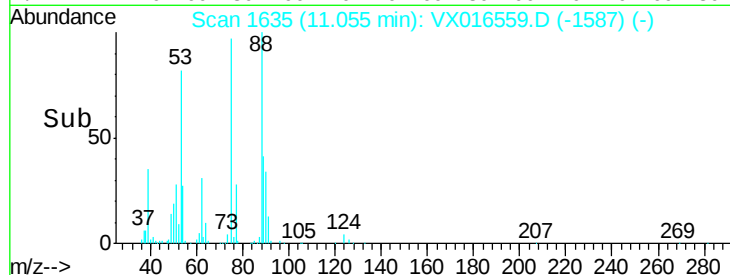
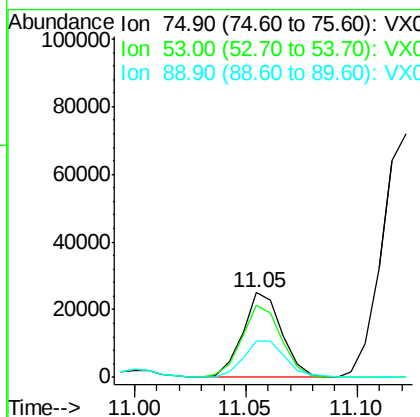
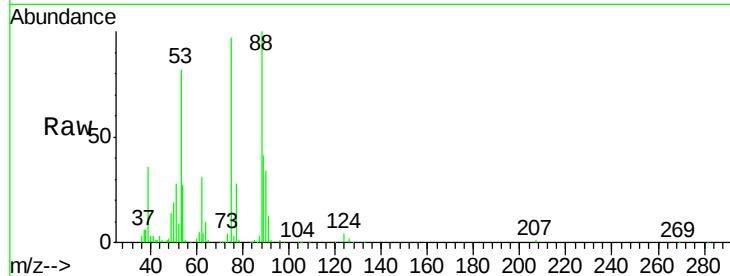
ClientSampleId :

VX0603WBS01

Tot Ion:	75	Resp:	30472
Ion	Ratio	Lower	Upper
75	100		
53	86.3	71.3	106.9
89	47.4	36.6	55.0

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#82

4-Chlorotoluene

Concen: 19.089 ug/l

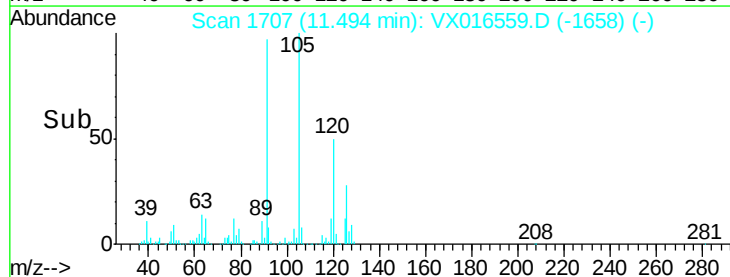
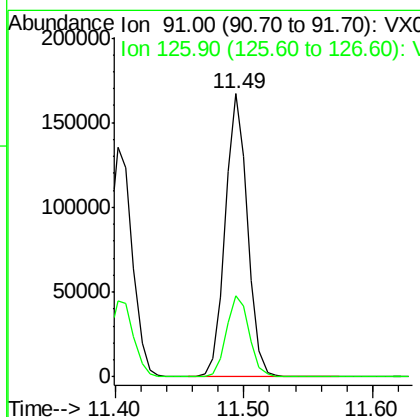
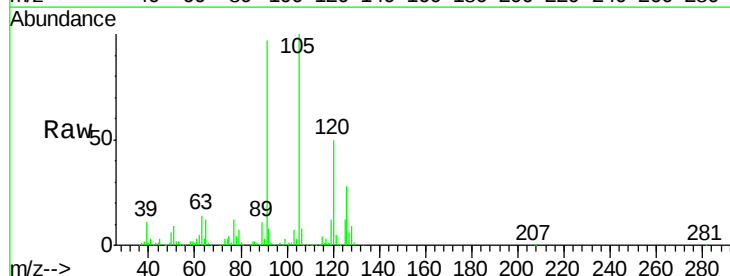
RT: 11.49 min Scan# 1707

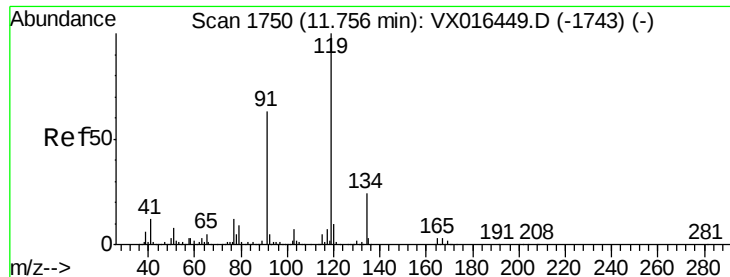
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	91	Resp:	203178
Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





#83

tert-Butylbenzene

Concen: 19.738 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

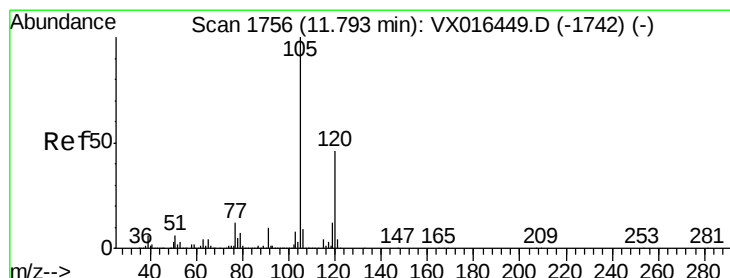
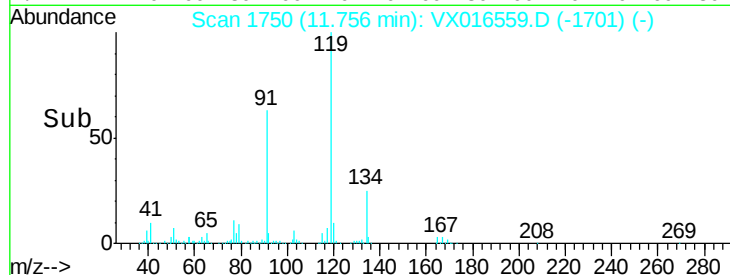
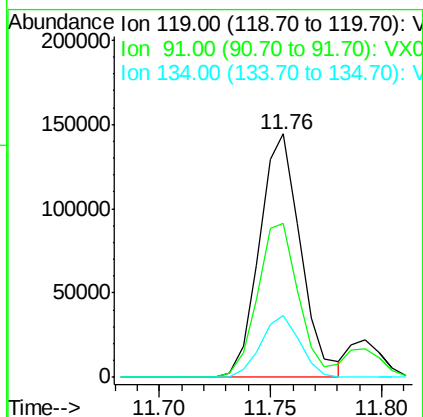
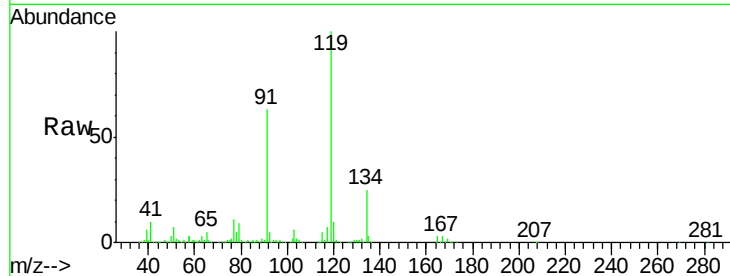
ClientSampleId :

VX0603WBS01

Tot Ion:	119	Resp:	186125
Ion Ratio	Lower	Upper	
119	100		
91	62.6	31.3	93.8
134	24.0	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 19.479 ug/l

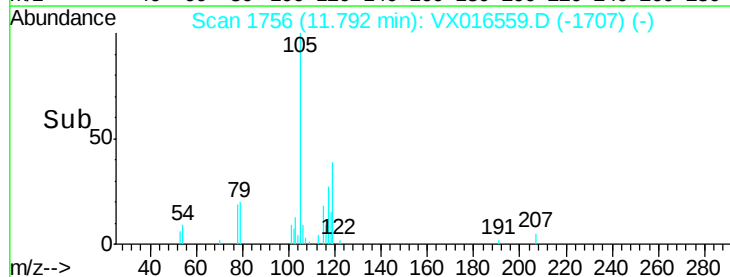
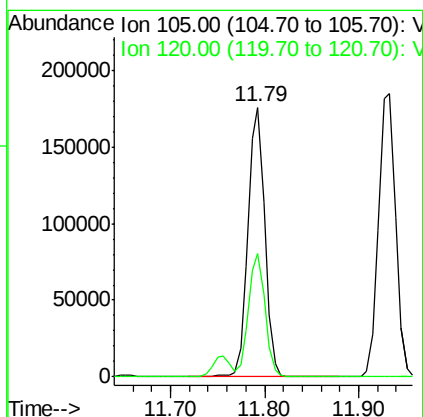
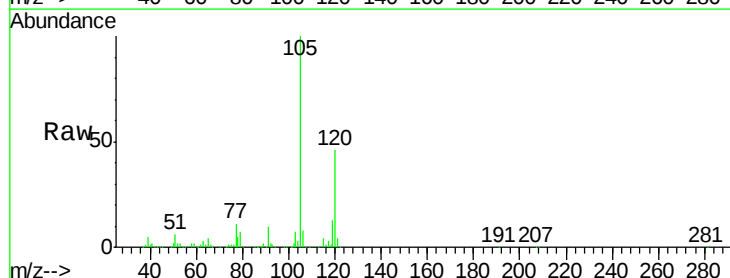
RT: 11.79 min Scan# 1756

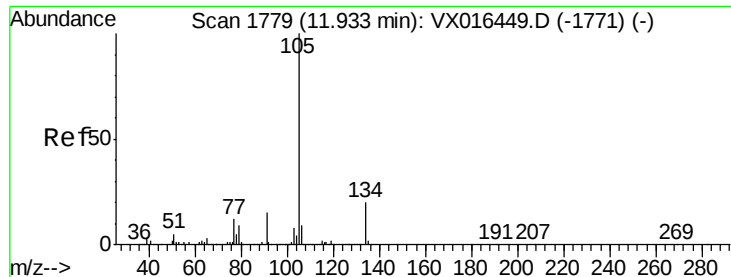
Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Tgt Ion:	105	Resp:	217398
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.713 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0603WBS01

Tot Ion:105 Resp: 233195

Ion Ratio Lower Upper

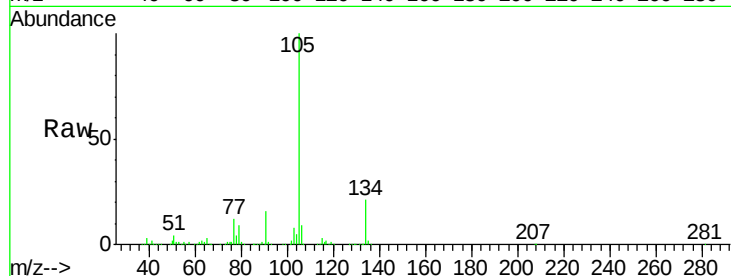
105 100

134 20.2 10.1 30.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

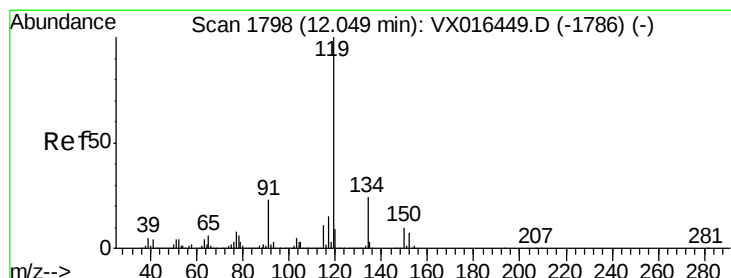
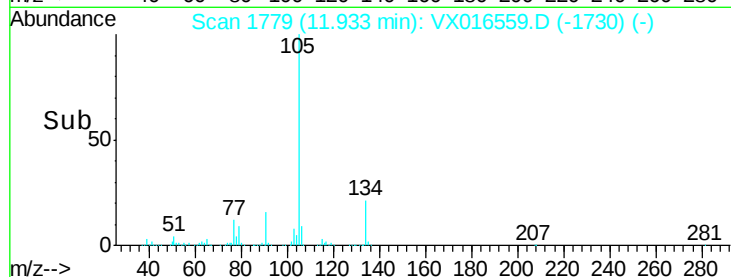
100000

50000

0

11.90 11.93 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.051 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016559.D

Acq: 03 Jun 2020 11:39

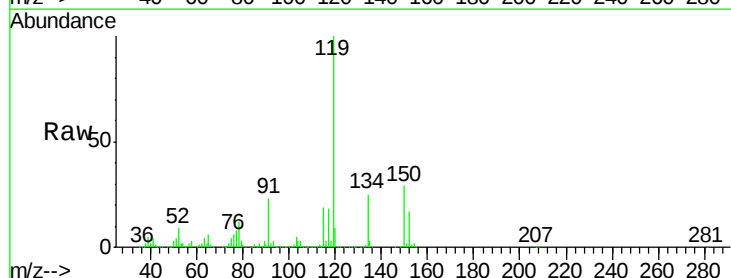
Tgt Ion:119 Resp: 222184

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

91 23.6 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

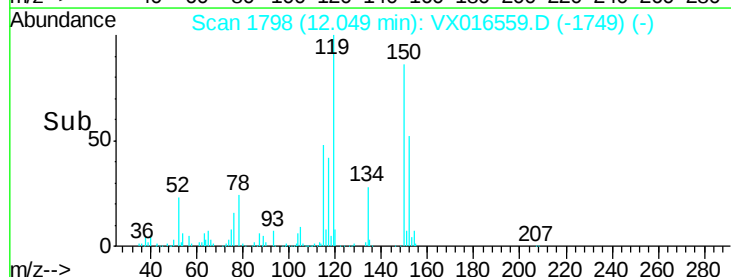
100000

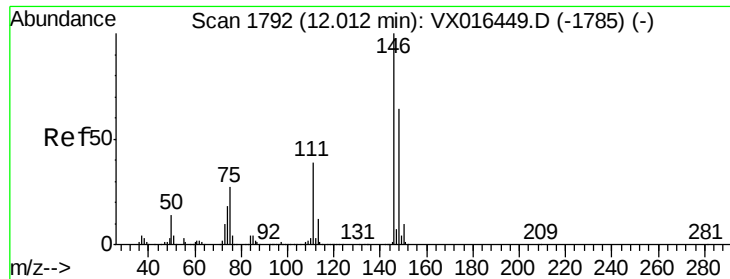
50000

0

12.00 12.05 12.10

Time-->





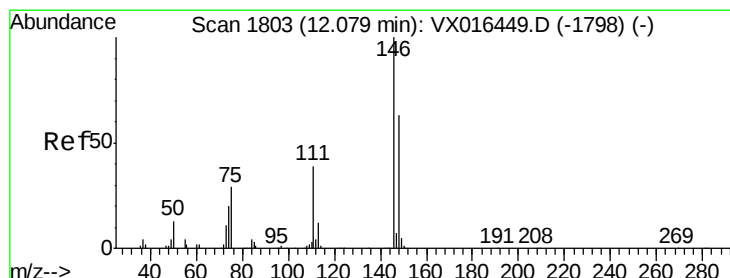
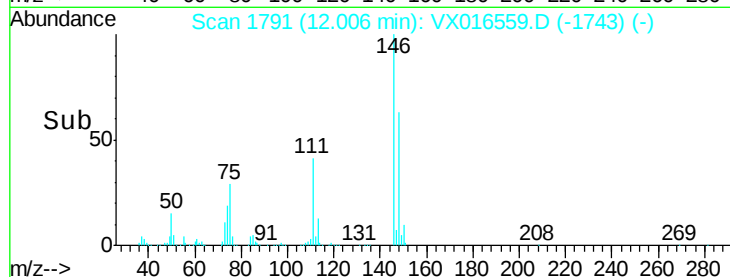
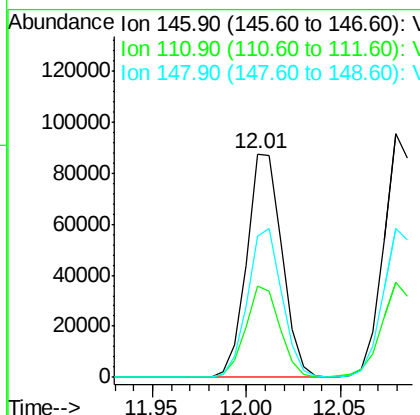
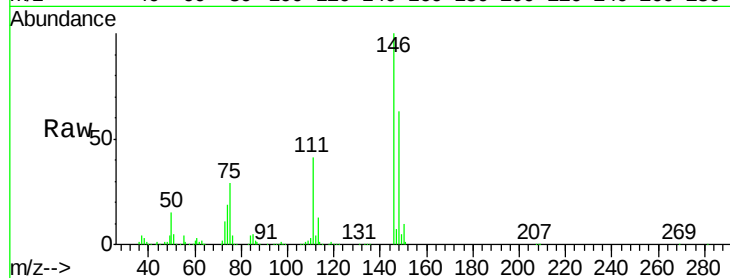
#87
 1,3-Dichlorobenzene
 Concen: 18.971 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	65.0	31.9	95.5

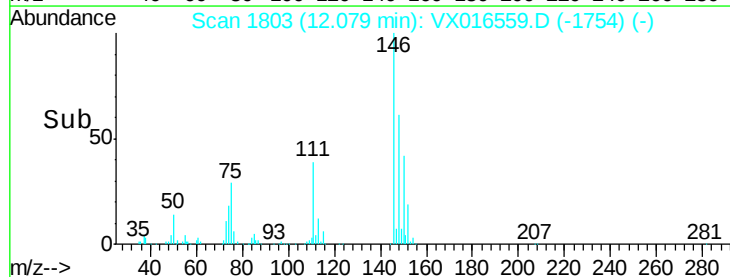
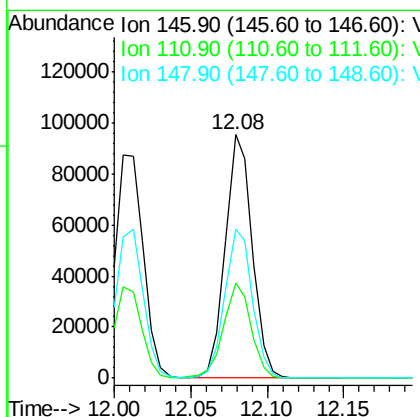
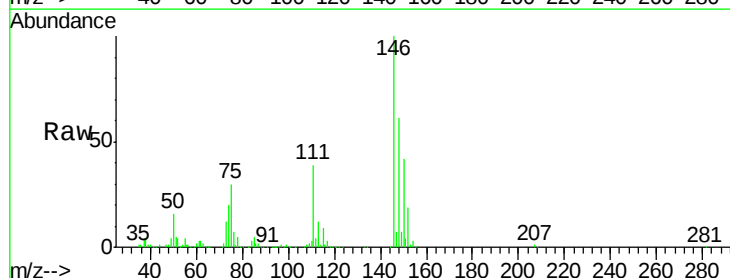
Manual Integrations
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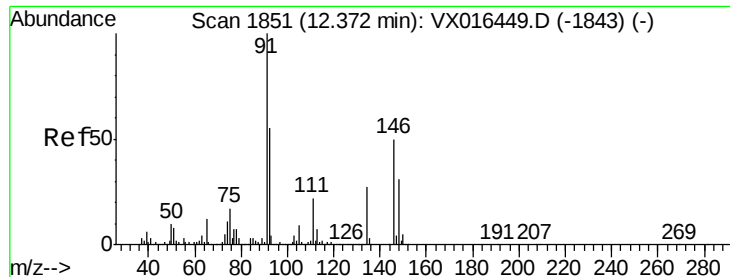
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 6/4/2020 3:08:46 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.832 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.2
148	63.5	31.4	94.3





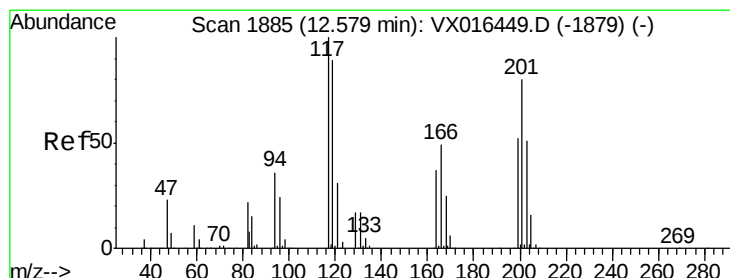
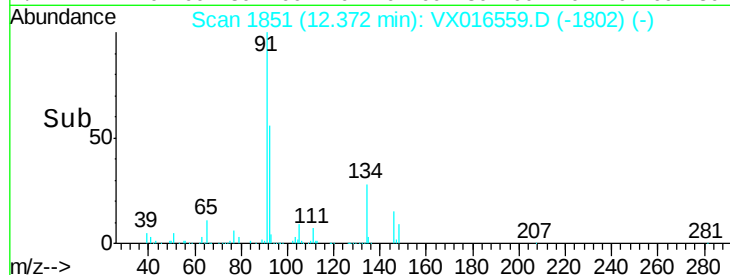
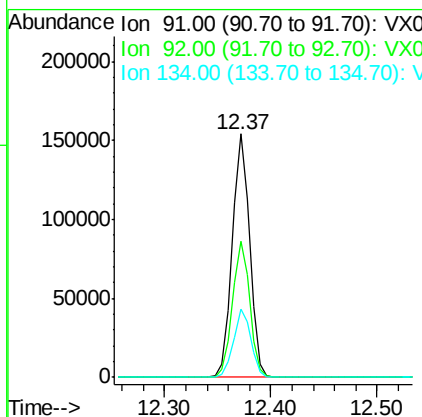
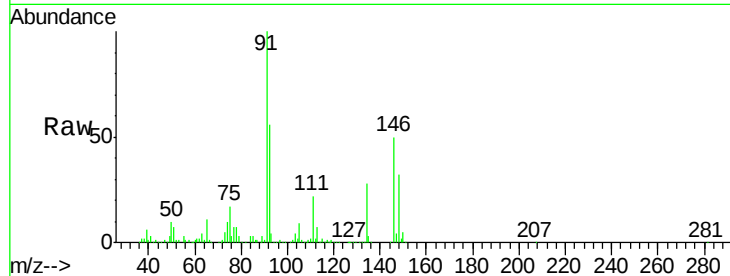
#89
n-Butylbenzene
Concen: 19.254 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	27.8	13.1	39.3

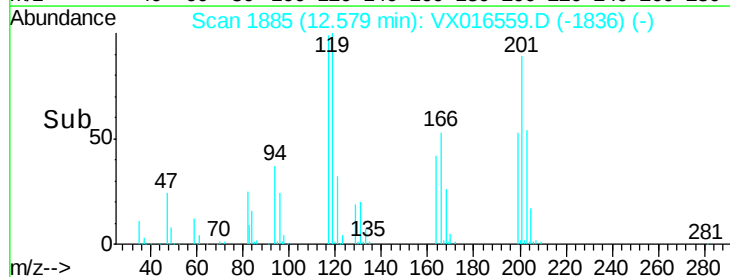
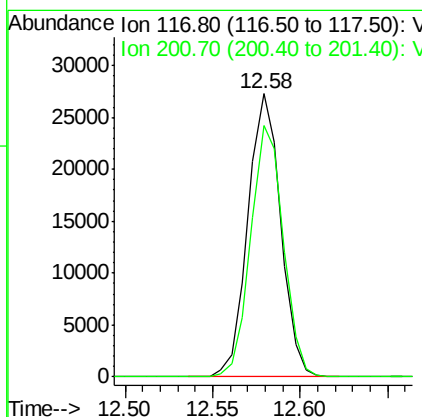
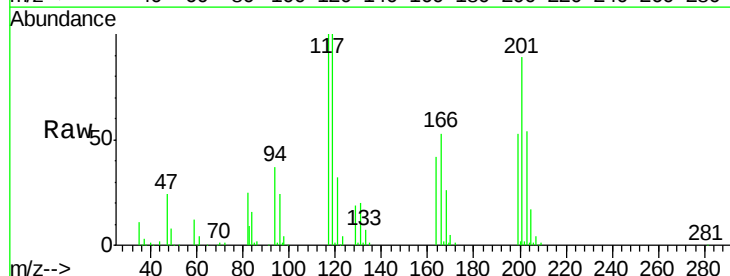
Manual Integrations
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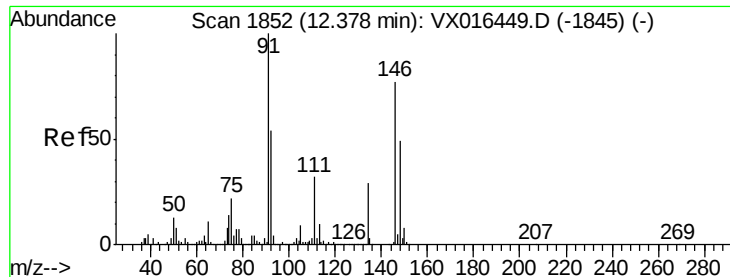
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#90
Hexachloroethane
Concen: 18.565 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	43.1	129.3





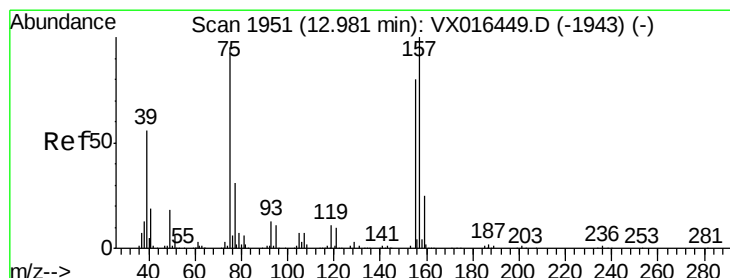
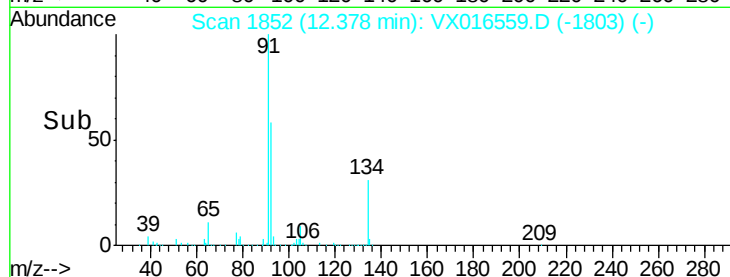
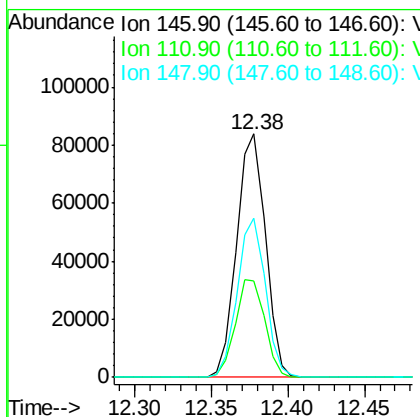
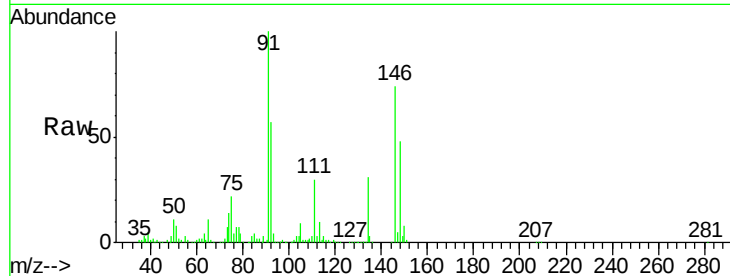
#91
 1,2-Dichlorobenzene
 Concen: 18.817 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109492		
111	41.0	21.4	64.3	
148	63.6	31.9	95.7	

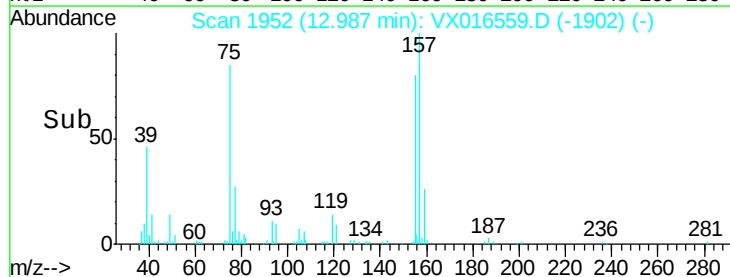
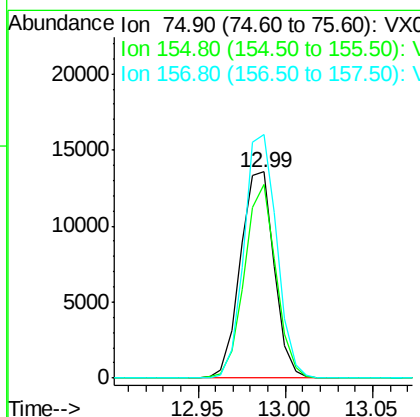
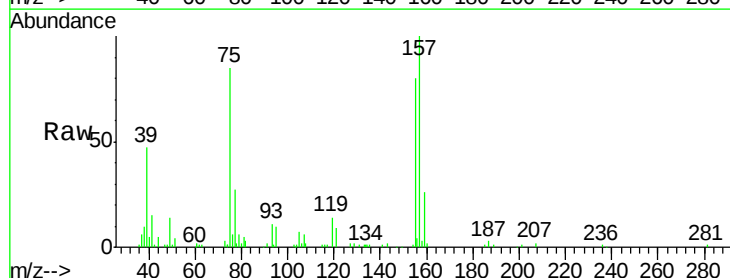
Manual Integrations
 APPROVED

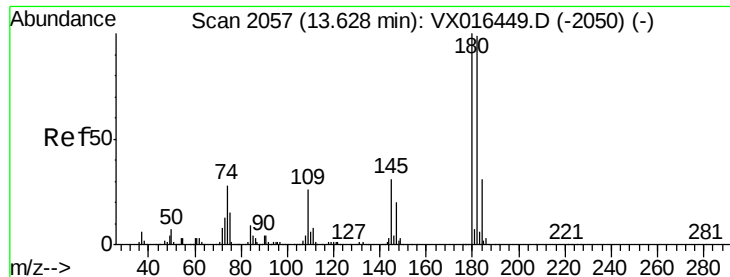
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.974 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18212		
155	87.3	44.1	132.4	
157	113.6	57.8	173.3	





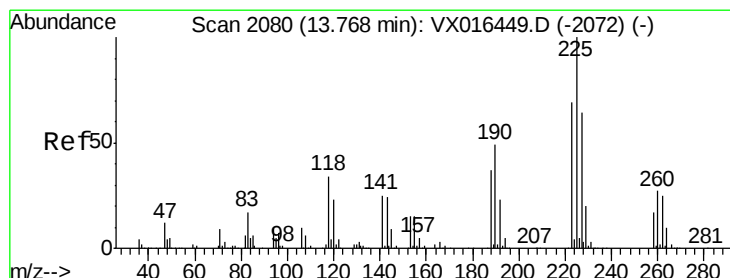
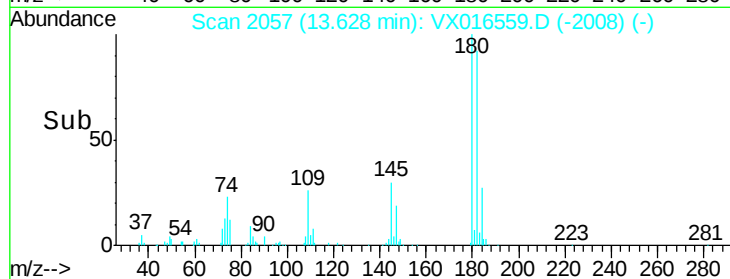
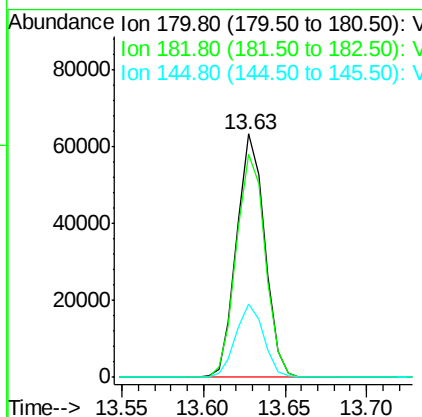
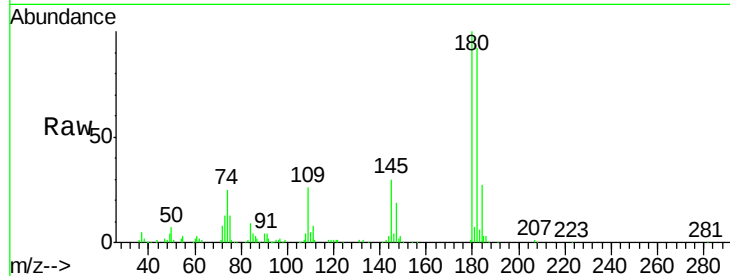
#93
 1,2,4-Trichlorobenzene
 Concen: 19.748 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.3	144.8
145	29.8	15.4	46.2

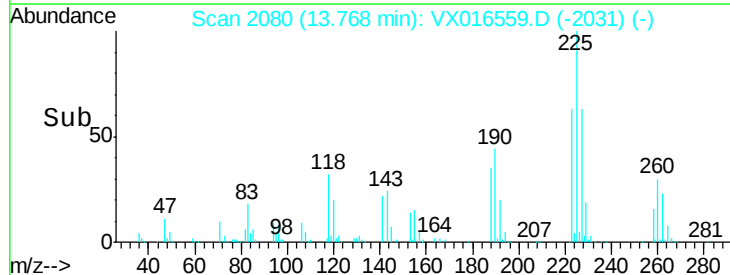
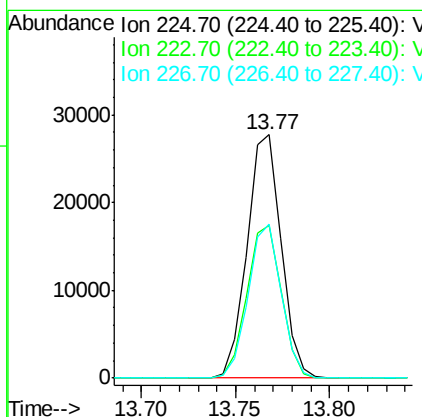
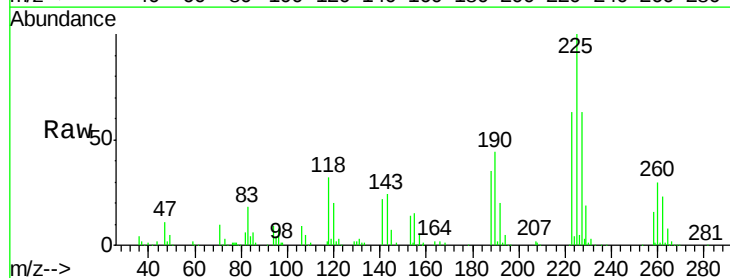
Manual Integrations
 APPROVED

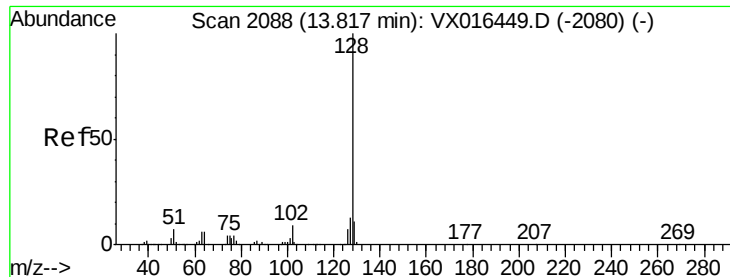
MMDadoda
 6/4/2020 3:08:46 PM



#94
 Hexachlorobutadiene
 Concen: 22.982 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016559.D
 Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.3	96.8
227	61.3	31.6	94.7





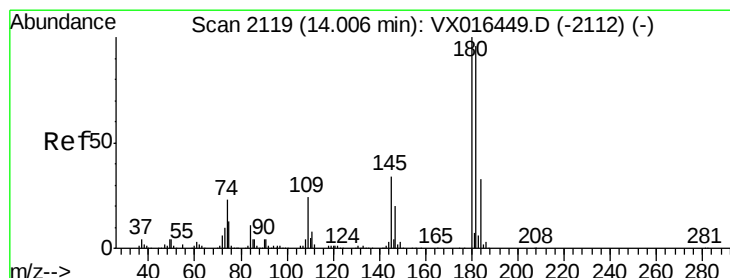
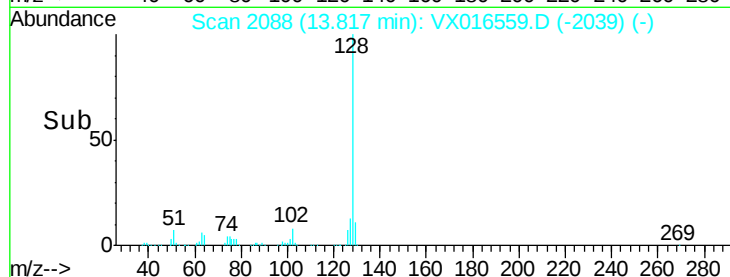
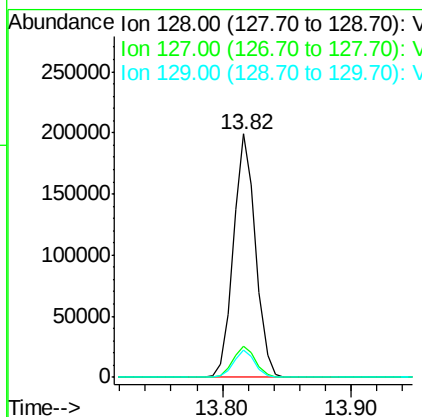
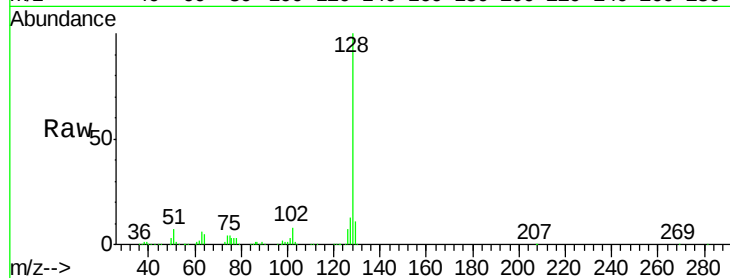
#95
Naphthalene
Concen: 17.989 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0603WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.949 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016559.D
Acq: 03 Jun 2020 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	48.6	145.8
145	31.9	16.6	49.8

