

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016965.D
 Acq On : 25 Jun 2020 20:22
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:26 PM

Quant Time: Jun 26 08:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	220743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	367405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174650	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	316571	100.45	ug/l	0.00
Spiked Amount			Recovery	=	200.90%	
35) Dibromofluoromethane	5.47	113	242899	117.88	ug/l	0.00
Spiked Amount			Recovery	=	235.76%	
50) Toluene-d8	8.70	98	890408	103.90	ug/l	0.00
Spiked Amount			Recovery	=	207.80%	
62) 4-Bromofluorobenzene	11.12	95	357934	103.59	ug/l	0.00
Spiked Amount			Recovery	=	207.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	238776	102.313	ug/l	99
3) Chloromethane	1.31	50	258189	102.117	ug/l	99
4) Vinyl Chloride	1.39	62	263617	84.945	ug/l	99
5) Bromomethane	1.62	94	166177	129.240	ug/l	98
6) Chloroethane	1.70	64	177748	93.914	ug/l	100
7) Trichlorofluoromethane	1.91	101	454816	117.344	ug/l	96
8) Diethyl Ether	2.17	74	158152	89.577	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	238593	100.191	ug/l	99
10) Methyl Iodide	2.49	142	314739	120.548	ug/l	98
11) Tert butyl alcohol	3.03	59	303522	458.438	ug/l	100
12) 1,1-Dichloroethene	2.36	96	236618	95.395	ug/l	96
13) Acrolein	2.28	56	250998	584.538	ug/l	99
14) Allyl chloride	2.70	41	448954	101.318	ug/l	99
15) Acrylonitrile	3.12	53	702850	484.961	ug/l	100
16) Acetone	2.42	43	618265	521.555	ug/l	100
17) Carbon Disulfide	2.55	76	724699	95.342	ug/l	99
18) Methyl Acetate	2.75	43	299530	86.757	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	851332	96.084	ug/l	99
20) Methylene Chloride	2.83	84	269608	93.915	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	263183	95.241	ug/l	98
22) Diisopropyl ether	3.82	45	903679	103.245	ug/l	100
23) Vinyl Acetate	3.79	43	4048725	559.624	ug/l	100
24) 1,1-Dichloroethane	3.67	63	483704	97.431	ug/l	99
25) 2-Butanone	4.64	43	978488	512.785	ug/l	98
26) 2,2-Dichloropropane	4.55	77	399573	92.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	291111	93.415	ug/l	99
28) Bromochloromethane	4.98	49	215453	98.058	ug/l	100
29) Tetrahydrofuran	5.09	42	646921	512.227	ug/l	99
30) Chloroform	5.18	83	491250	99.832	ug/l	96
31) Cyclohexane	5.55	56	426362	92.731	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	446791	100.538	ug/l	99
36) 1,1-Dichloropropene	5.77	75	370575	104.976	ug/l	99
37) Ethyl Acetate	4.79	43	400134	111.295	ug/l	99
38) Carbon Tetrachloride	5.76	117	397720	119.867	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	414874	98.260	ug/l	100
40) Benzene	6.12	78	1049396	102.181	ug/l	100
41) Methacrylonitrile	5.01	41	224859	111.069	ug/l	96
42) 1,2-Dichloroethane	6.17	62	412538	112.210	ug/l	100
43) Isopropyl Acetate	6.42	43	666179	112.908	ug/l	99
44) Trichloroethene	7.19	130	279564	90.375	ug/l	97
45) 1,2-Dichloropropane	7.49	63	273291	103.599	ug/l	97
46) Dibromomethane	7.63	93	190714	107.865	ug/l	98
47) Bromodichloromethane	7.88	83	399301	110.246	ug/l	98
48) Methyl methacrylate	7.74	41	325324	112.255	ug/l	99
49) 1,4-Dioxane	7.71	88	124332	1963.674	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1988157	575.214	ug/l	99
52) Toluene	8.76	92	654078	100.638	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	446320	104.007	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	459583	102.434	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	263599	101.476	ug/l	98
56) Ethyl methacrylate	9.16	69	436491	104.920	ug/l	99
57) 1,3-Dichloropropane	9.35	76	451521	101.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1095412	529.418	ug/l	100
59) 2-Hexanone	9.48	43	1509894	576.097	ug/l	99
60) Dibromochloromethane	9.57	129	314825	119.311	ug/l	98
61) 1,2-Dibromoethane	9.65	107	283922	105.134	ug/l	99
64) Tetrachloroethene	9.32	164	232910	70.696	ug/l	98
65) Chlorobenzene	10.12	112	711455	102.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	265653	106.547	ug/l	98
67) Ethyl Benzene	10.24	91	1293847	100.959	ug/l	100
68) m/p-Xylenes	10.34	106	968897	205.810	ug/l	99
69) o-Xylene	10.68	106	466893	101.998	ug/l	100
70) Styrene	10.70	104	827958	105.100	ug/l	100
71) Bromoform	10.84	173	222733	127.679	ug/l #	97
73) Isopropylbenzene	11.00	105	1266629	98.574	ug/l	100
74) N-amyl acetate	10.88	43	620089	109.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	397884	128.651	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	369825m	98.707	ug/l	
77) Bromobenzene	11.24	156	310210	104.560	ug/l	99
78) n-propylbenzene	11.34	91	1516875	99.852	ug/l	100
79) 2-Chlorotoluene	11.41	91	882405	98.599	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1079215	98.965	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	149665	92.225	ug/l	98
82) 4-Chlorotoluene	11.49	91	1057339	98.886	ug/l	99
83) tert-Butylbenzene	11.76	119	1049146	111.441	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1078442	96.272	ug/l	100
85) sec-Butylbenzene	11.93	105	1242316	98.885	ug/l	100
86) p-Isopropyltoluene	12.05	119	1135894	99.035	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	553259	101.415	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	560868	99.991	ug/l	100
89) n-Butylbenzene	12.37	91	1037598	96.430	ug/l	99
90) Hexachloroethane	12.58	117	221062	118.436	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	520235	99.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92718	99.474	ug/l	98

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	354083	104.194	ug/l	100
94) Hexachlorobutadiene	13.77	225	123917	103.234	ug/l	97
95) Naphthalene	13.82	128	1210392	99.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	349141	108.217	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

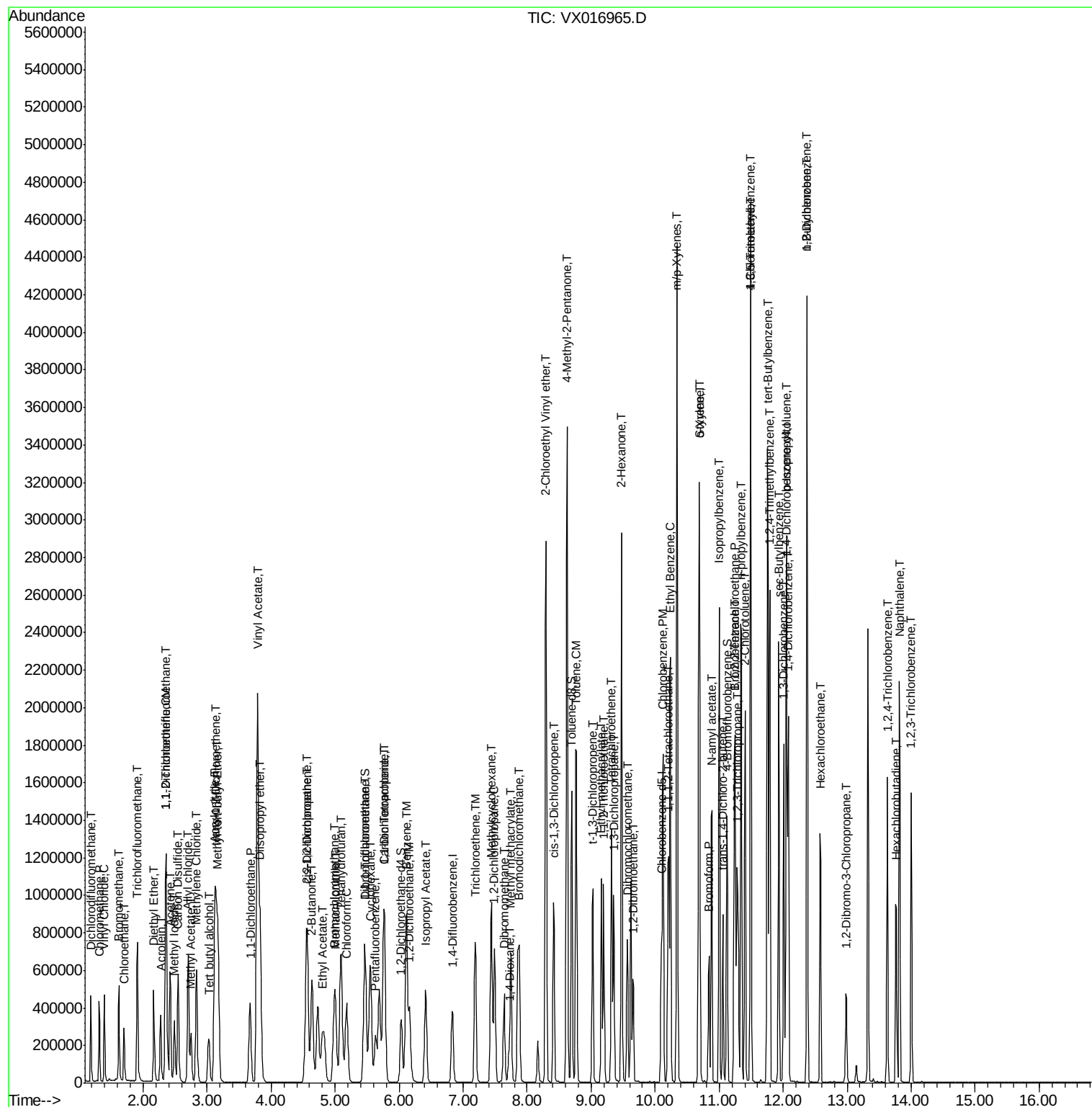
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016965.D
Acq On : 25 Jun 2020 20:22
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

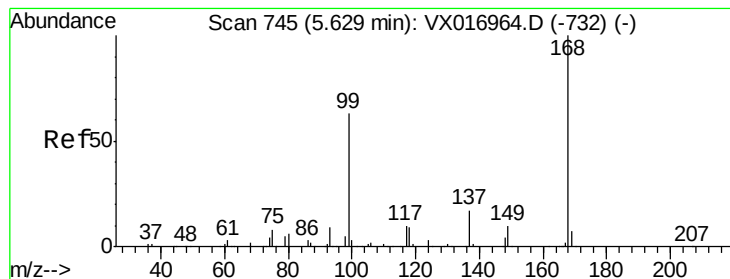
Instrument :
MSVOA_X
Client Sample ID :
VSTDIC100

Manual Integrations
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Quant Time: Jun 26 08:30:32 2020
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 220743

Ion Ratio Lower Upper

168 100

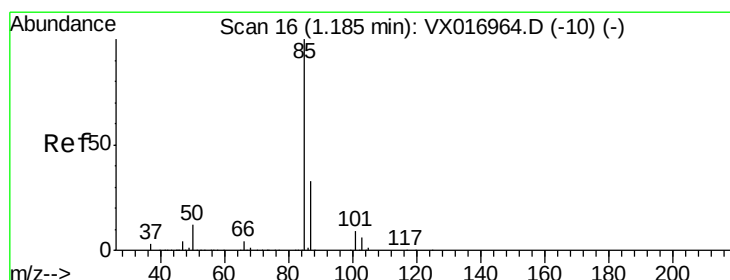
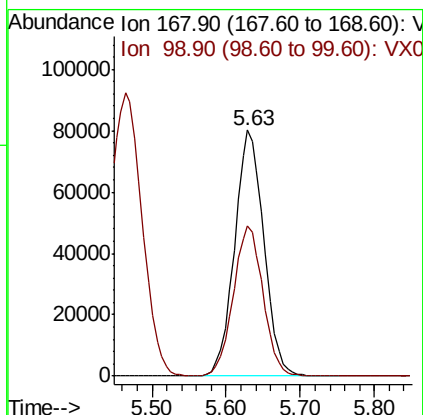
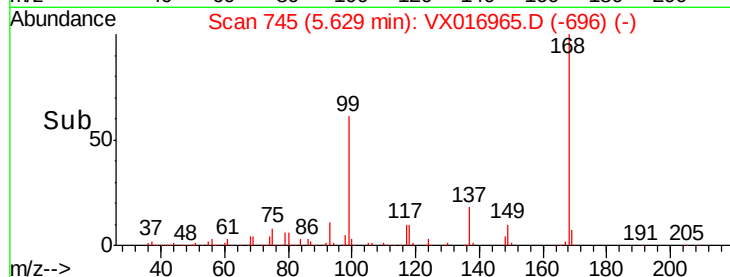
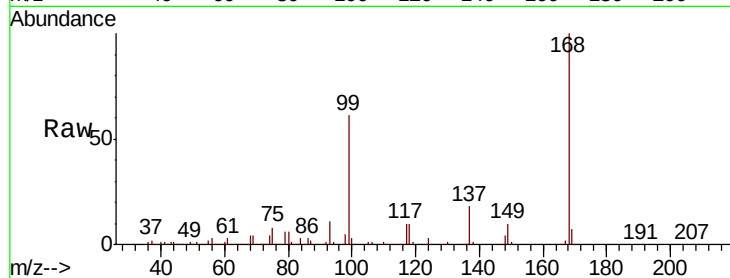
99 60.7 50.2 75.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 102.313 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016965.D

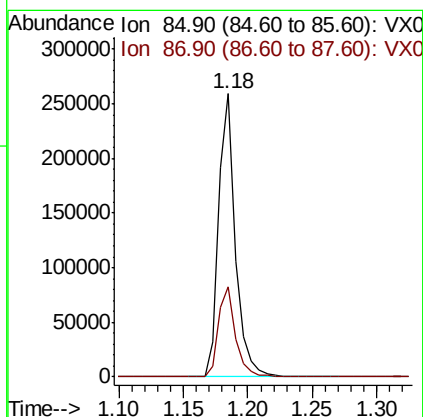
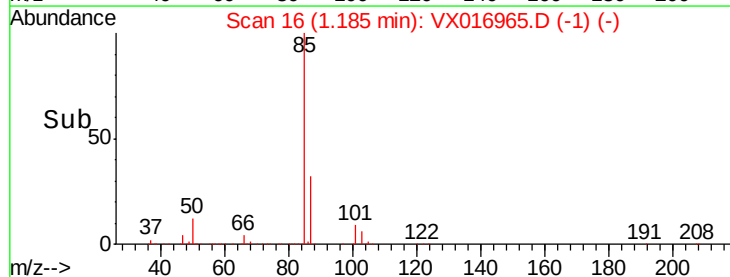
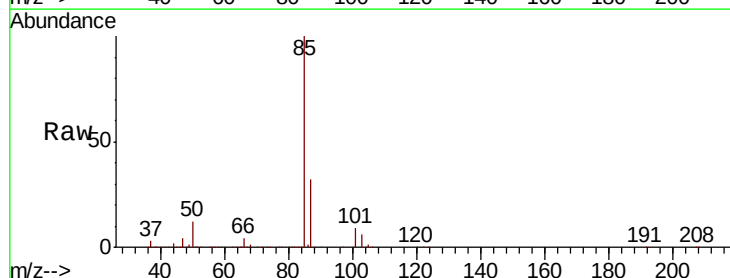
Acq: 25 Jun 2020 20:22

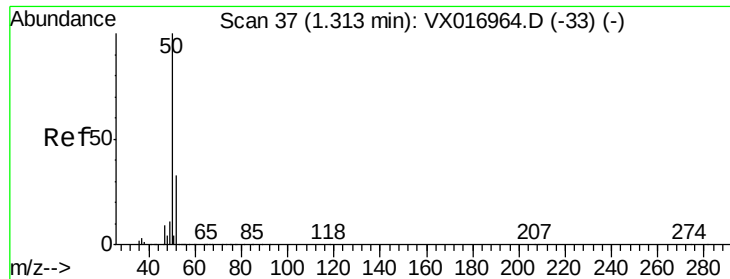
Tgt Ion: 85 Resp: 238776

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9





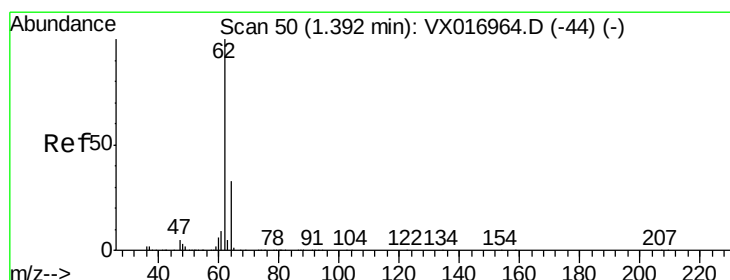
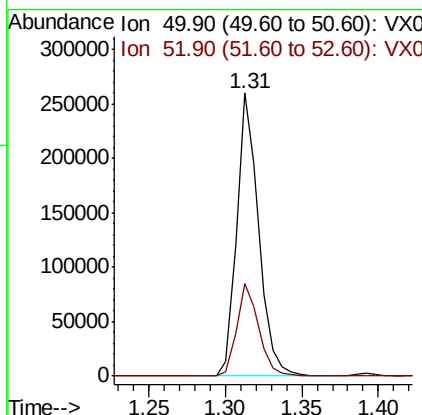
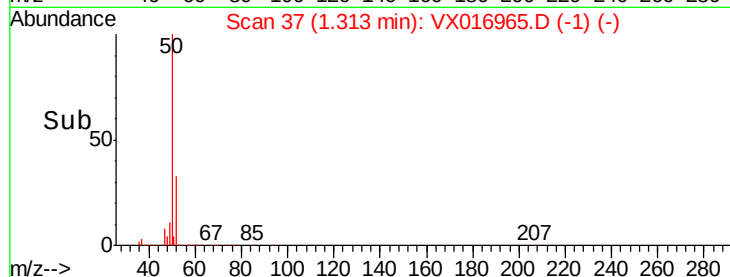
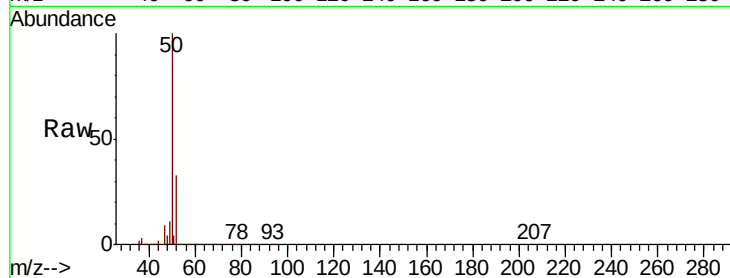
#3
Chloromethane
Concen: 102.117 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.6	40.0

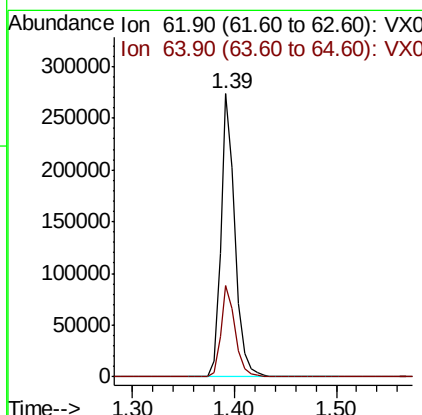
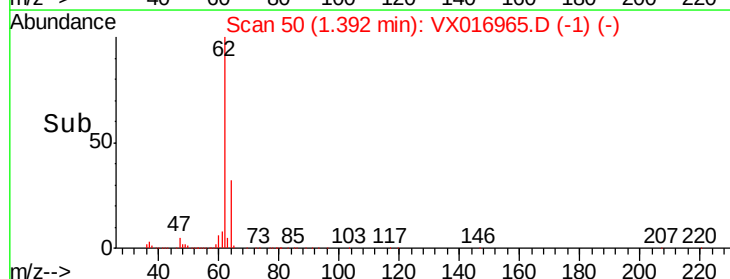
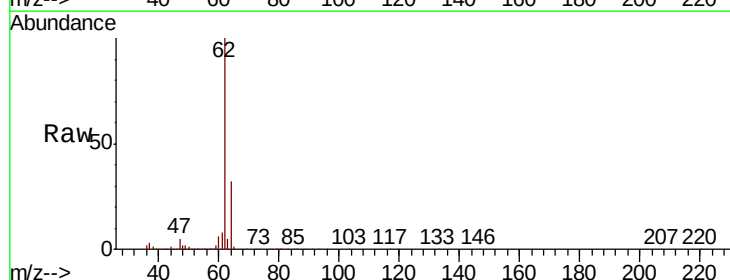
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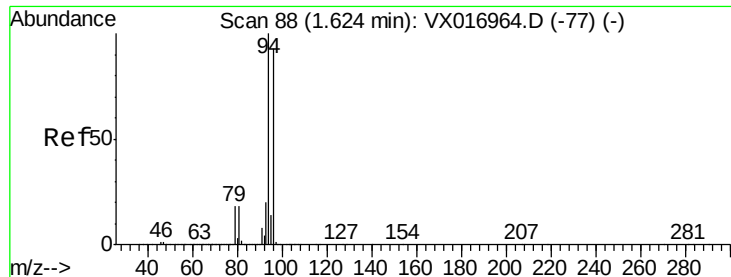
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#4
Vinyl Chloride
Concen: 84.945 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	26.3	39.5





#5

Bromomethane

Concen: 129.240 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 166177

Ion Ratio Lower Upper

94 100

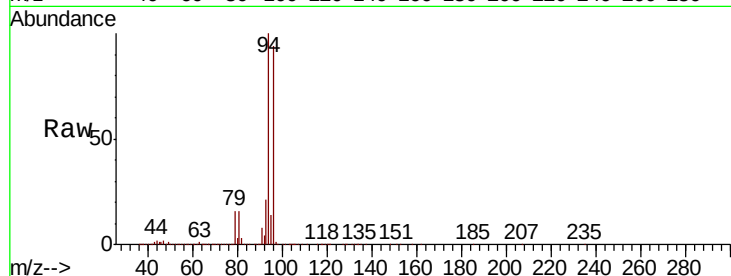
96 94.3 74.2 111.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

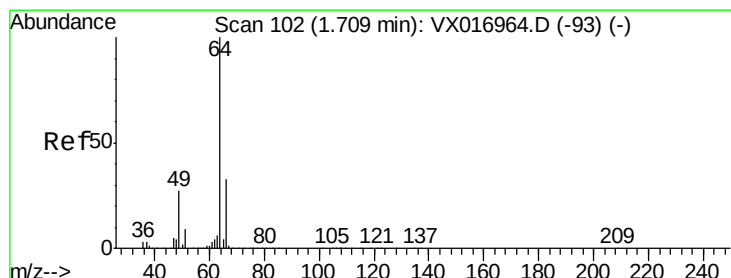
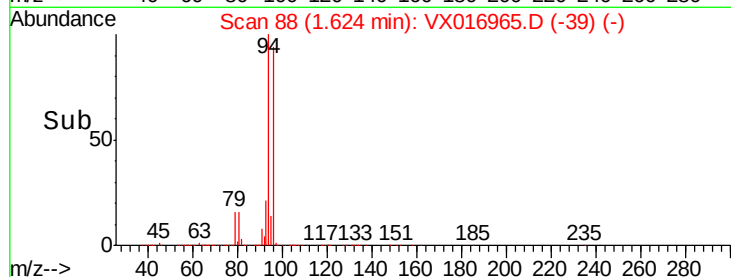
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50000

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Time-->



#6

Chloroethane

Concen: 93.914 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016965.D

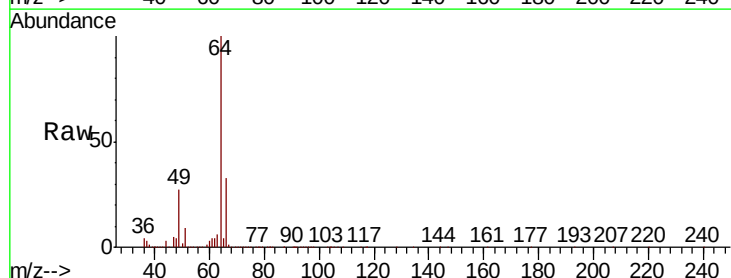
Acq: 25 Jun 2020 20:22

Tgt Ion: 64 Resp: 177748

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

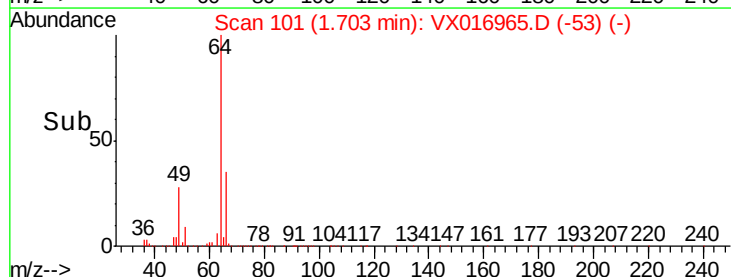
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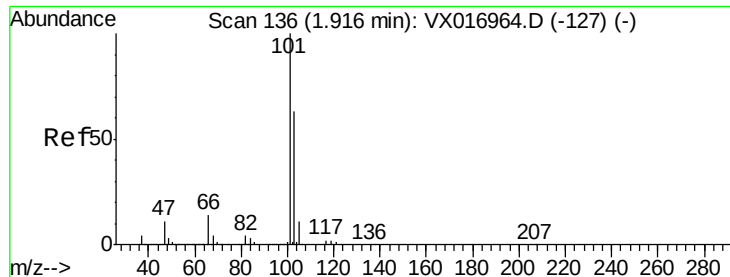
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#7

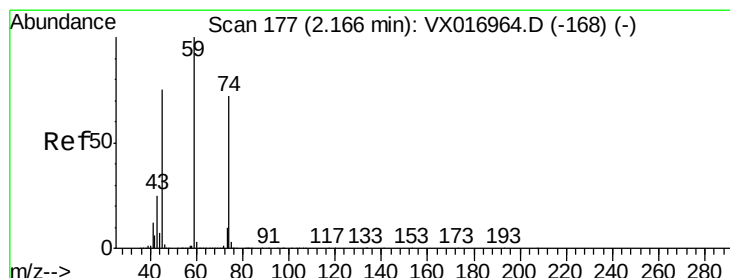
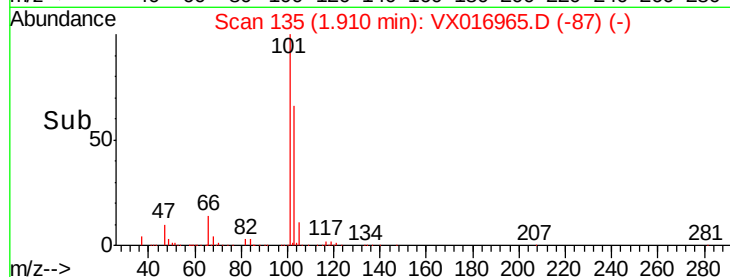
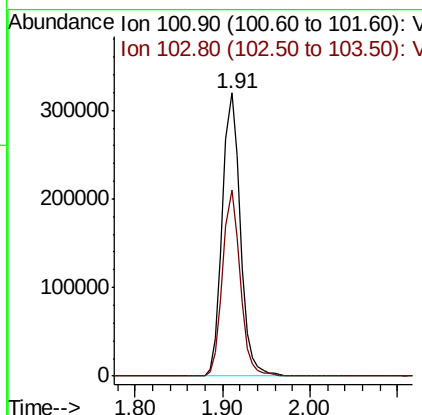
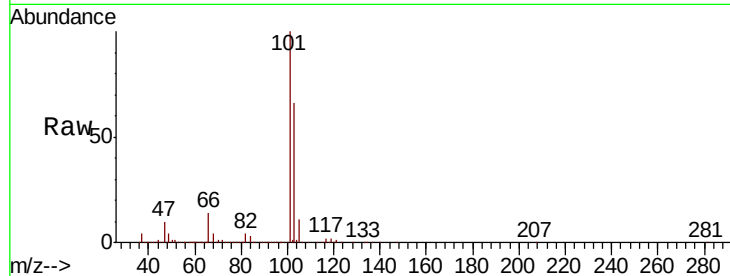
Trichlorofluoromethane
Concen: 117.344 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		454816		
103	65.6	50.2	75.4		

Manual Integrations
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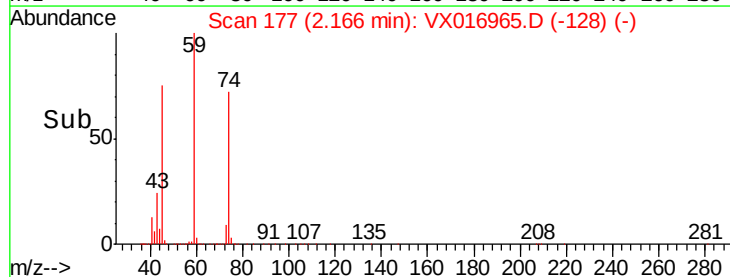
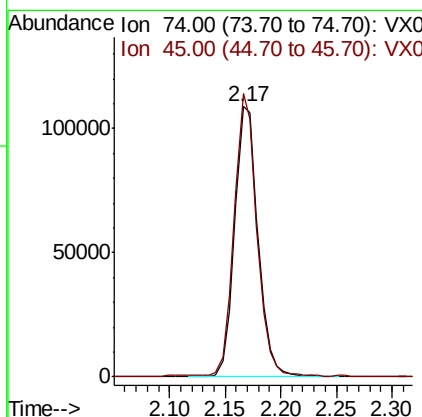
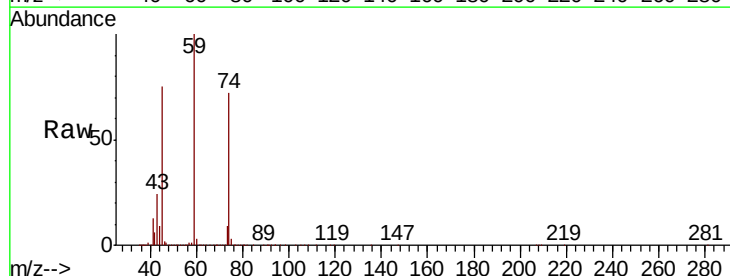
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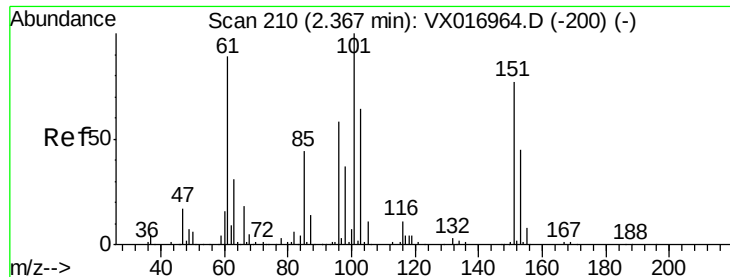


#8

Diethyl Ether
Concen: 89.577 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		158152		
45	101.0	50.5	151.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.191 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

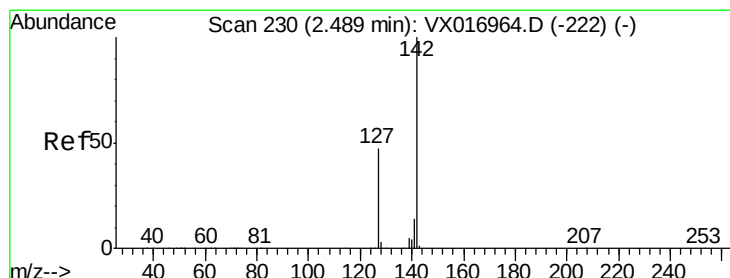
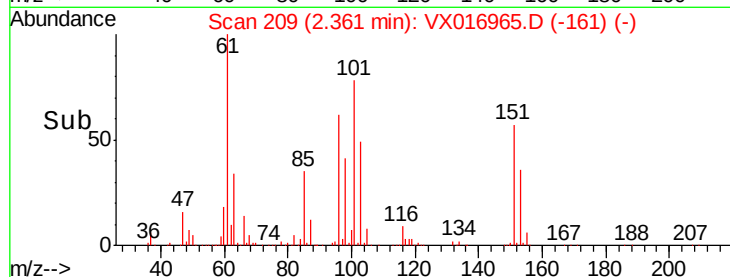
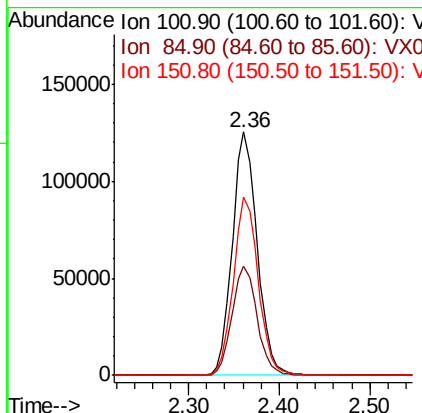
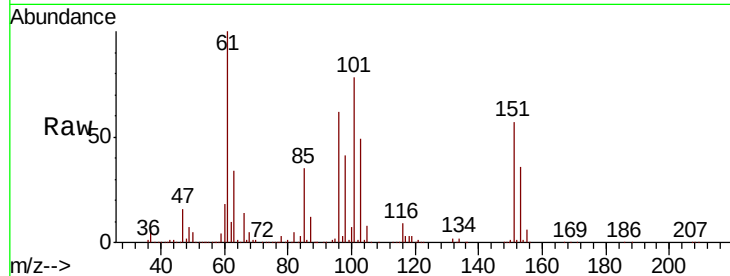
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	238593
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.8	55.2
151	73.4	59.8	89.6

Manual Integrations
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#10

Methyl Iodide

Concen: 120.548 ug/l

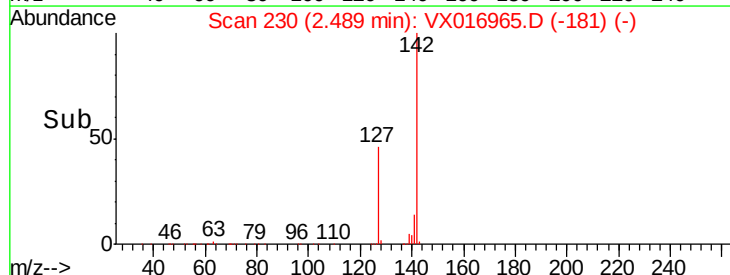
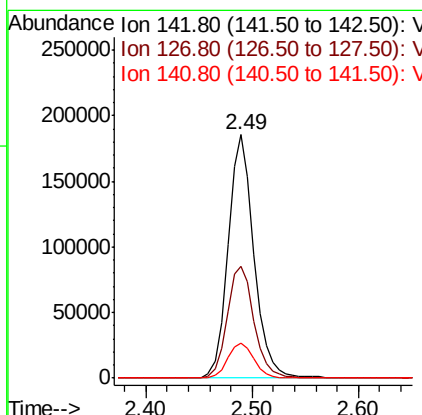
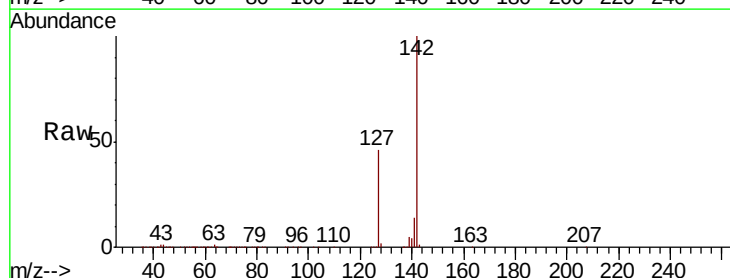
RT: 2.49 min Scan# 230

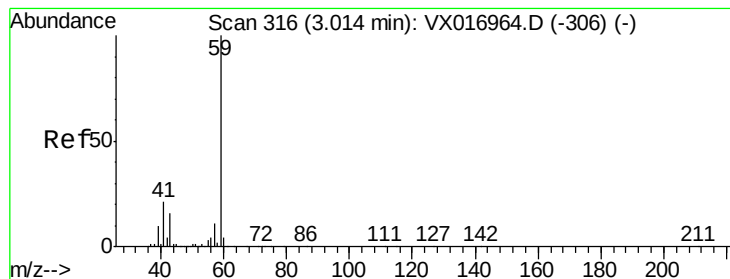
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	142	Resp:	314739
Ion Ratio	Lower	Upper	
142	100		
127	48.0	37.4	56.0
141	14.7	11.7	17.5





#11

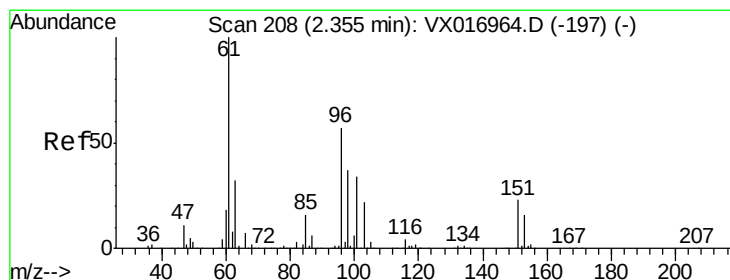
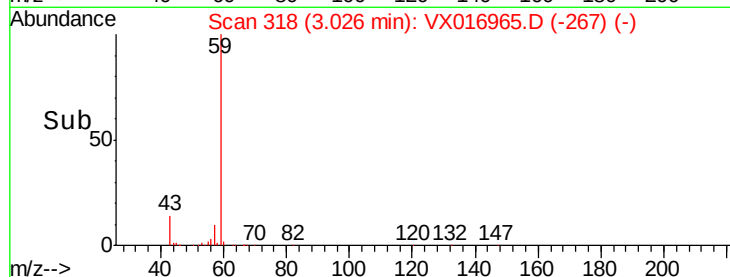
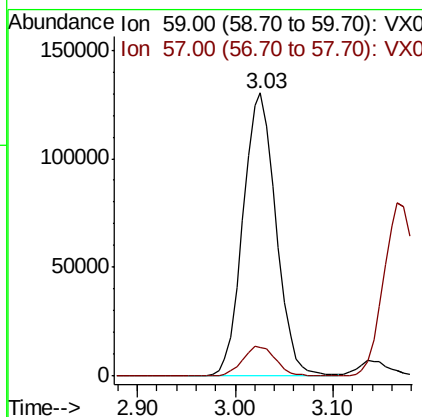
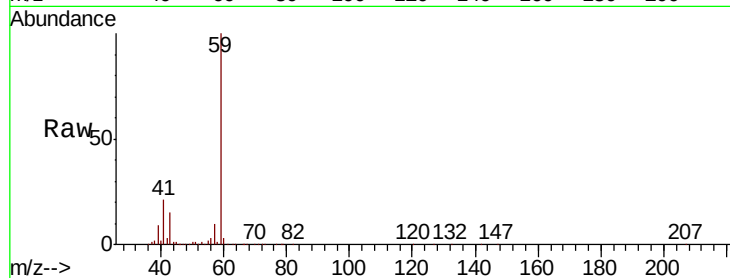
Tert butyl alcohol
Concen: 458.438 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
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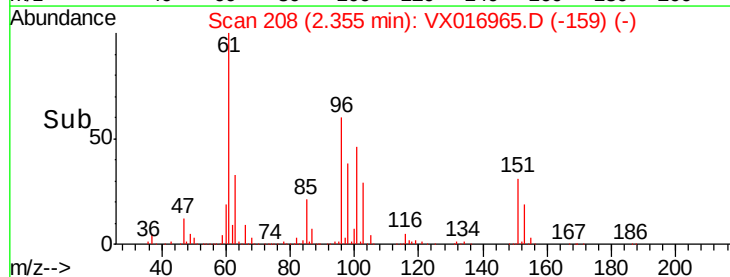
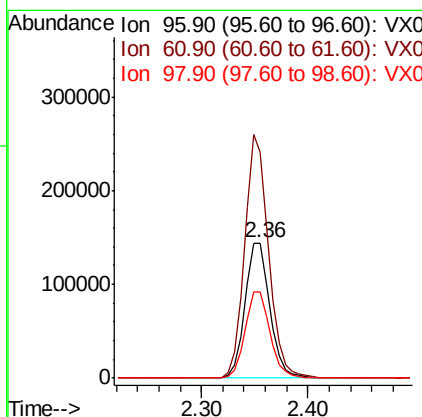
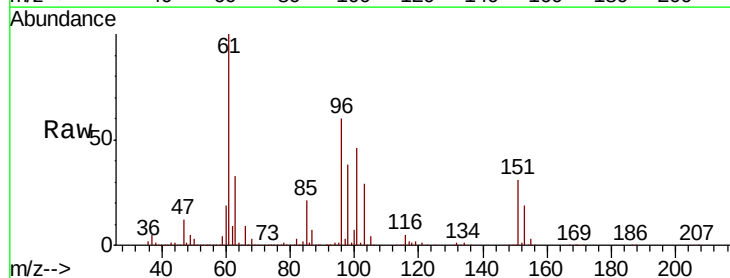
MMDadoda
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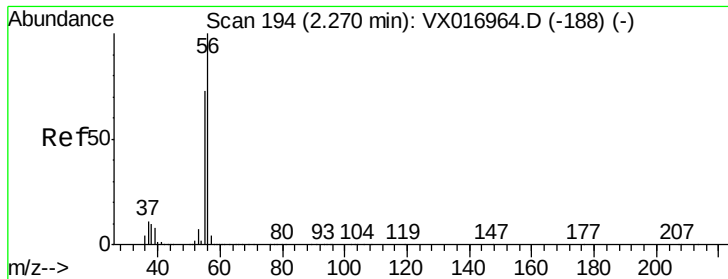


#12

1,1-Dichloroethene
Concen: 95.395 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.8	139.7	209.5
98	64.1	51.0	76.6





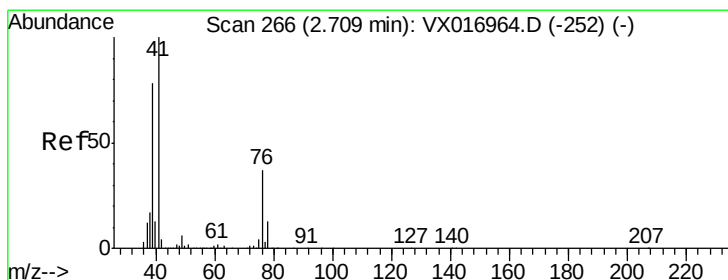
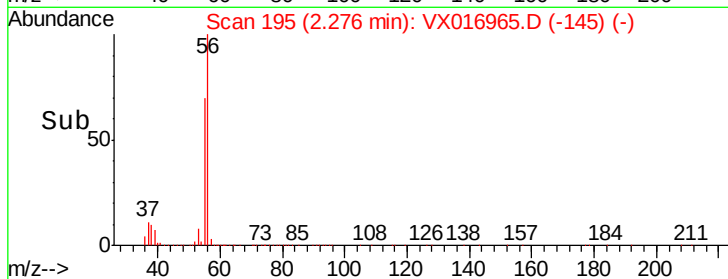
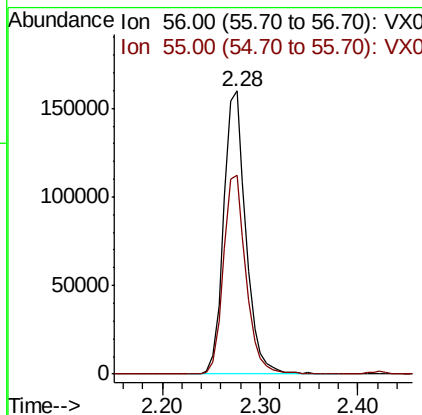
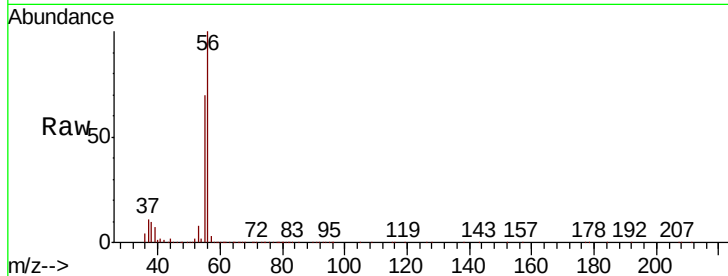
#13
Acrolein
Concen: 584.538 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.5	86.3

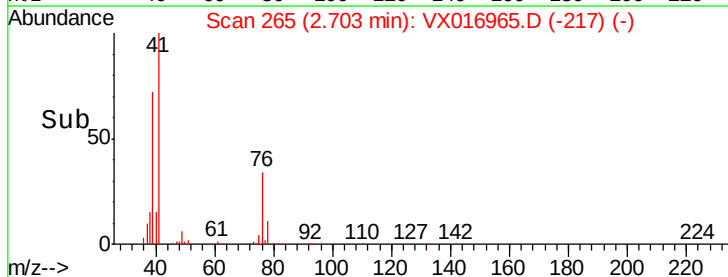
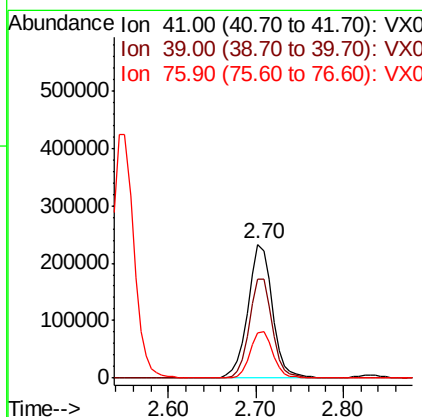
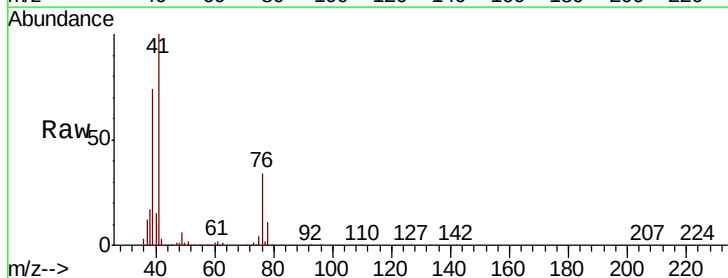
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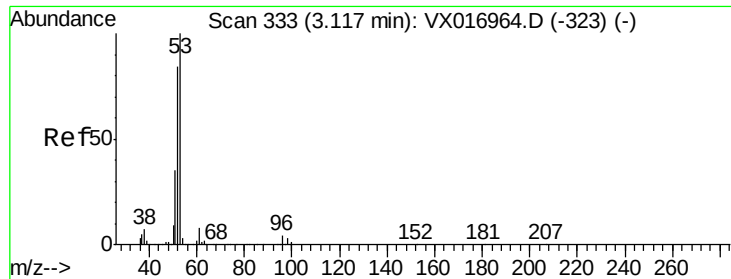
MMDadoda
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#14
Allyl chloride
Concen: 101.318 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.7	56.4	84.6
76	32.4	26.5	39.7





#15

Acrylonitrile

Concen: 484.961 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

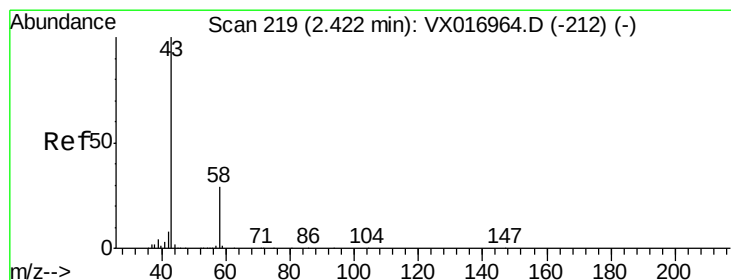
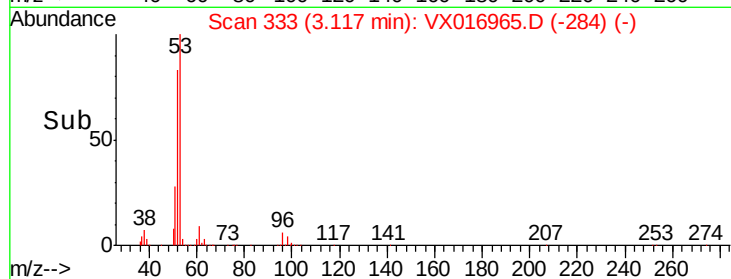
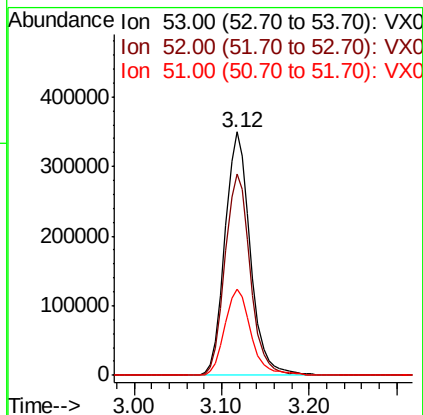
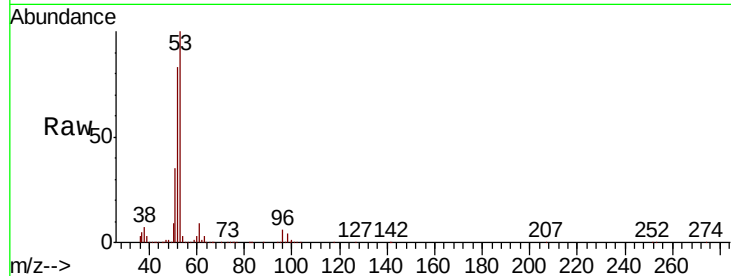
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	702850
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.3	99.5
51	36.4	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 521.555 ug/l

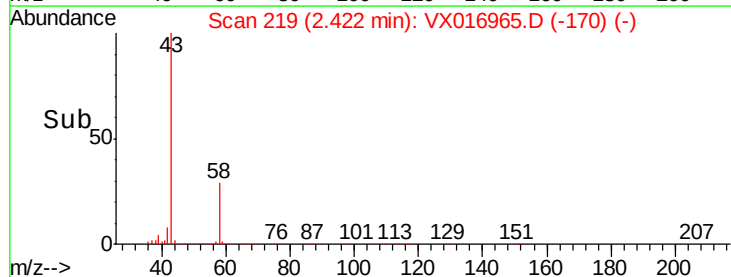
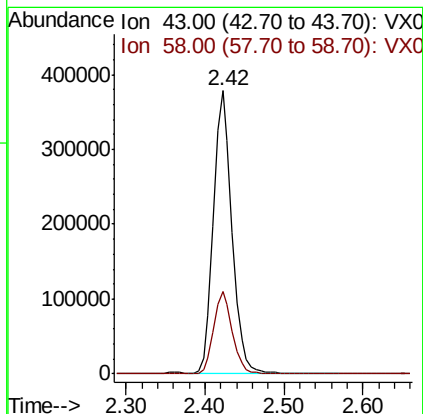
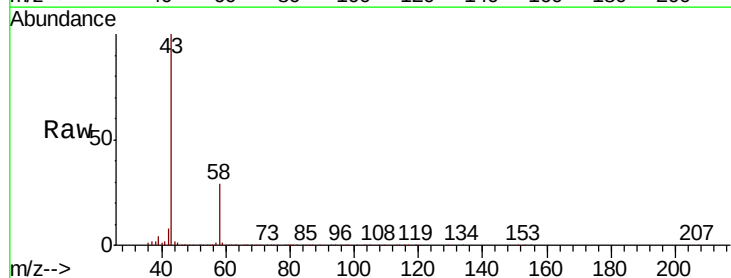
RT: 2.42 min Scan# 219

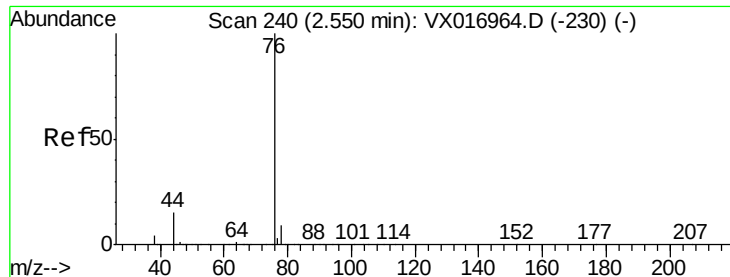
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	43	Resp:	618265
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.5	35.3





#17

Carbon Disulfide

Concen: 95.342 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 724699

Ion Ratio Lower Upper

76 100

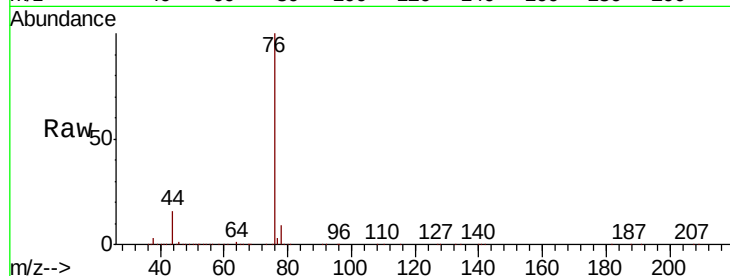
78 9.2 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

400000

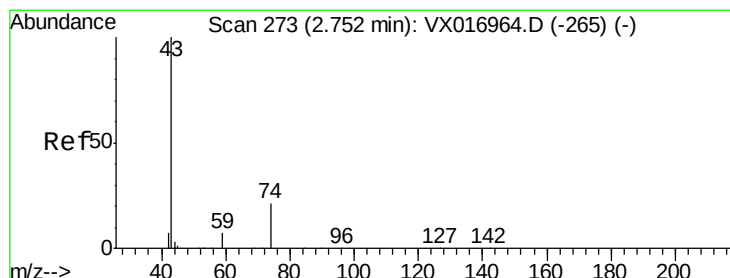
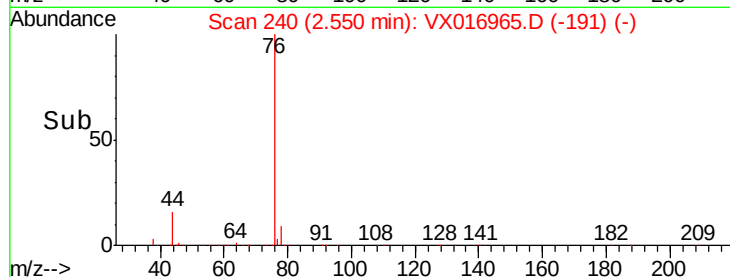
300000

200000

100000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 86.757 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016965.D

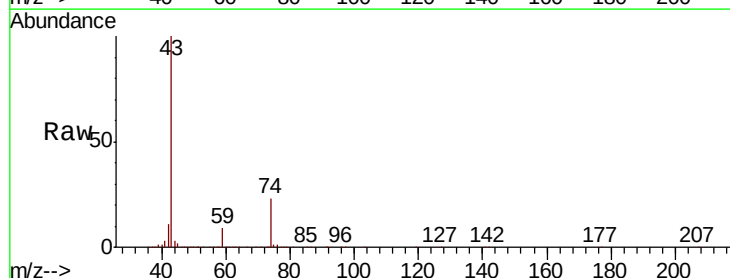
Acq: 25 Jun 2020 20:22

Tgt Ion: 43 Resp: 299530

Ion Ratio Lower Upper

43 100

74 22.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

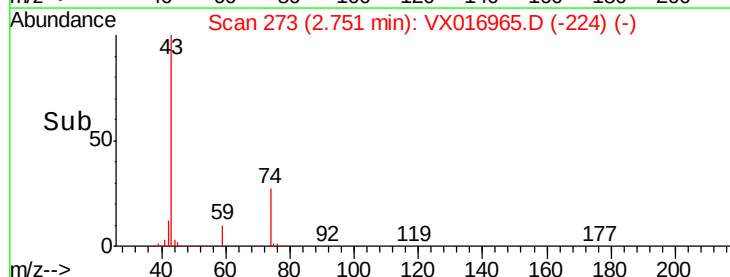
150000

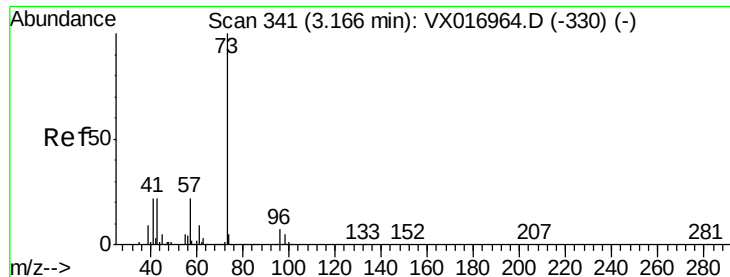
100000

50000

0

Time--> 2.65 2.70 2.75 2.80 2.85





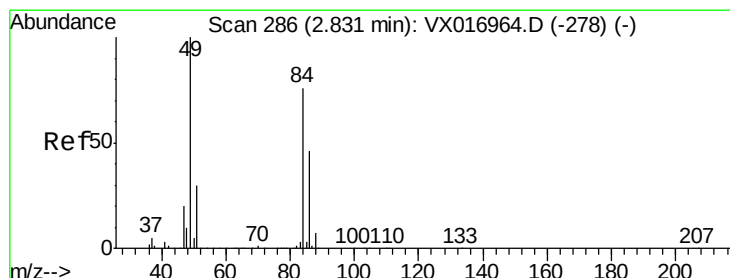
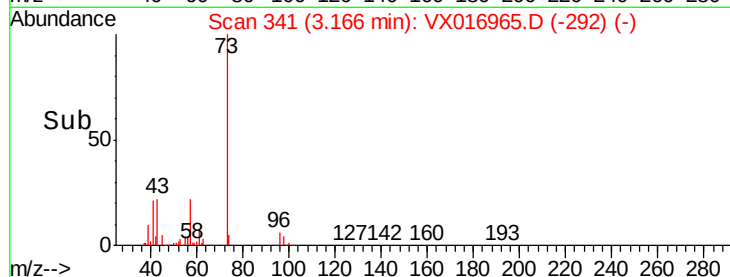
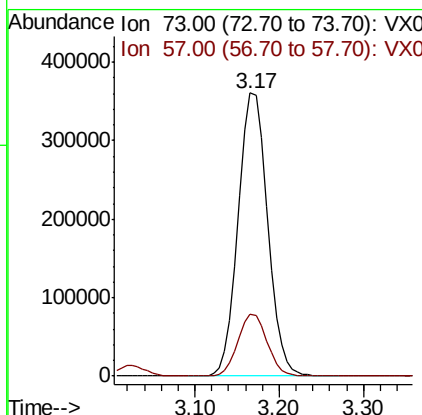
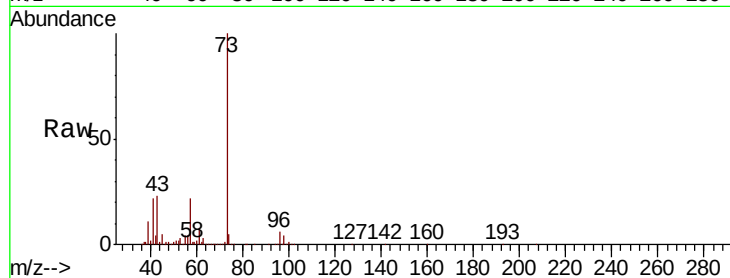
#19
Methyl tert-butyl Ether
Concen: 96.084 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.8

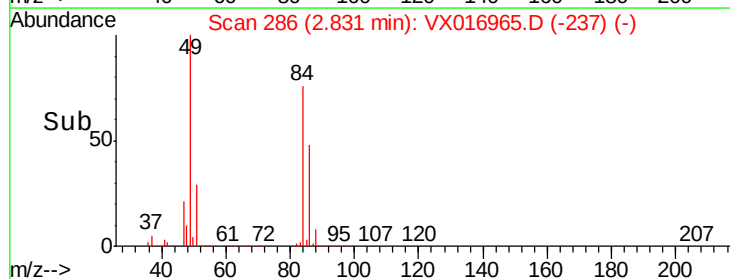
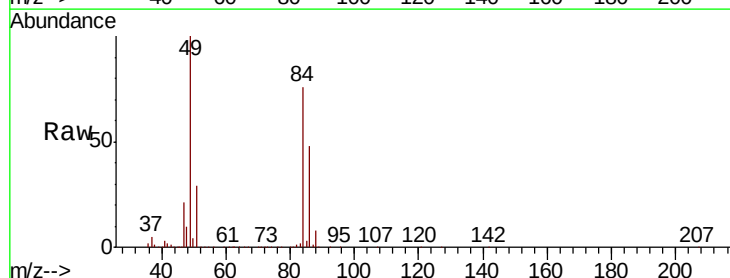
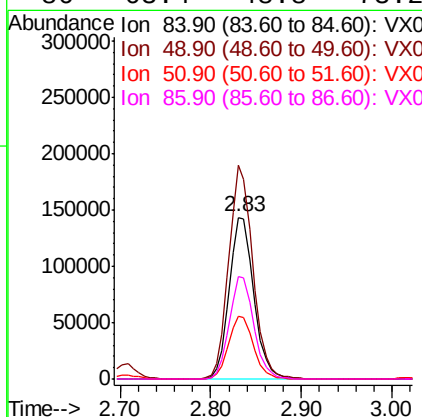
Manual Integrations
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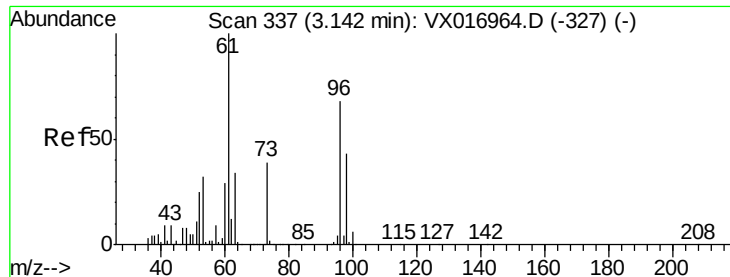
MMDadoda
6/29/2020 12:32:26 PM



#20
Methylene Chloride
Concen: 93.915 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.3	105.6	158.4
51	38.6	31.2	46.8
86	63.4	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 95.241 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 263183

Ion Ratio Lower Upper

96 100

61 142.9 116.7 175.1

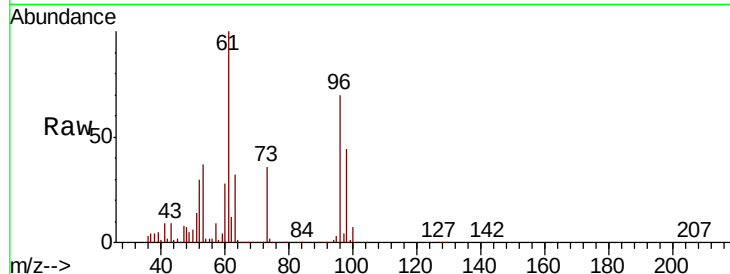
98 62.5 50.7 76.1

Manual Integrations

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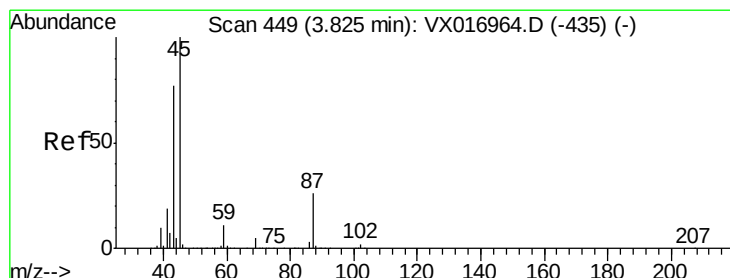
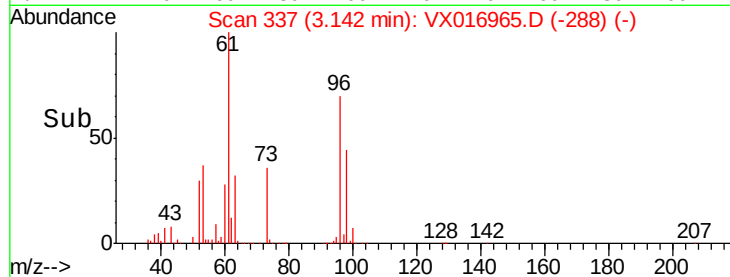
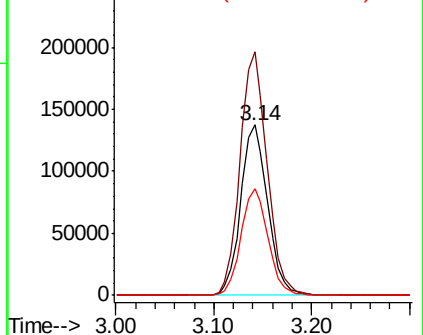


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 103.245 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion: 45 Resp: 903679

Ion Ratio Lower Upper

45 100

43 78.0 62.7 94.1

87 26.1 21.0 31.4

59 11.2 9.0 13.6

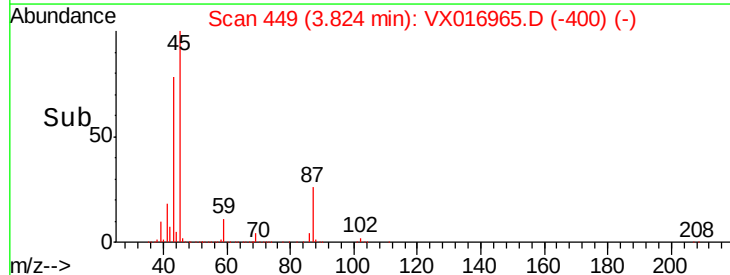
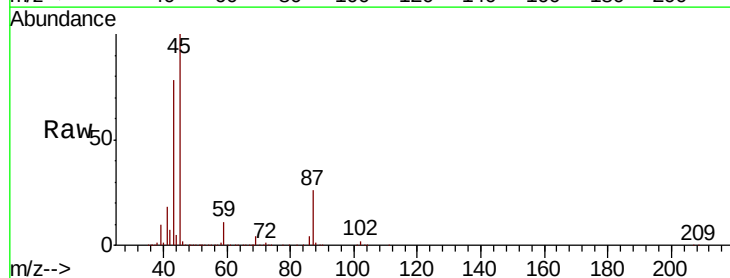
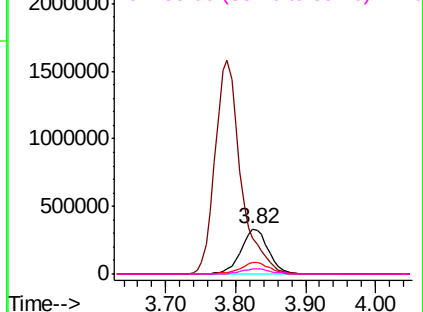
Abundance

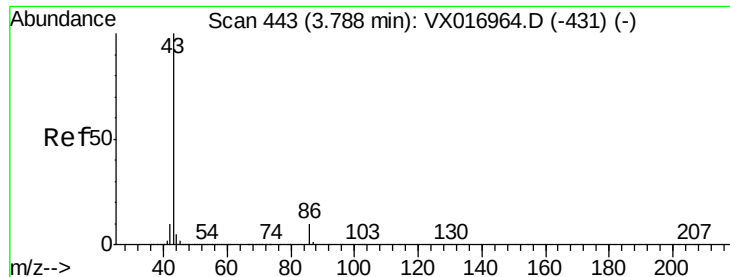
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 559.624 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4048725

Ion Ratio Lower Upper

43 100

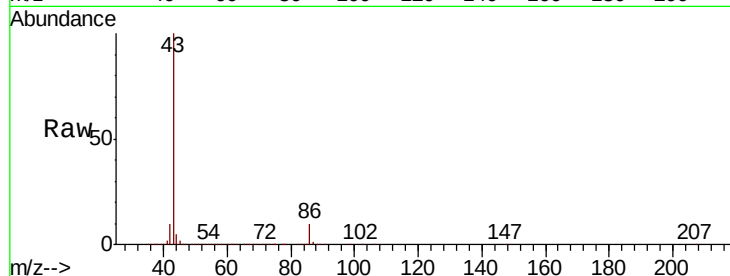
86 10.3 8.2 12.2

Manual Integrations

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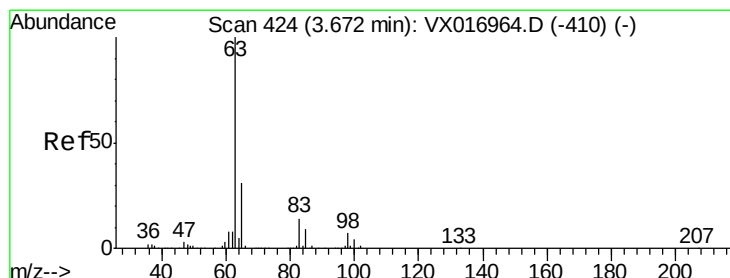
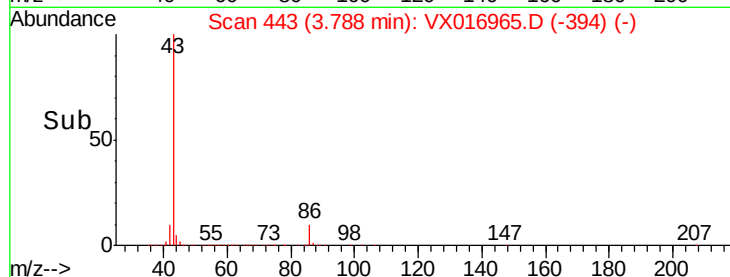
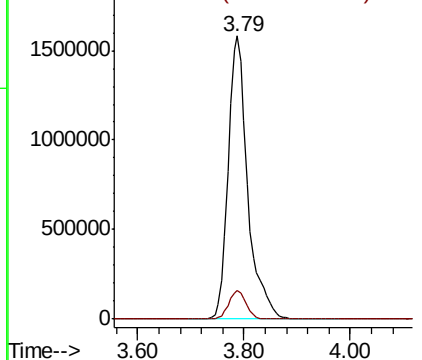
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 97.431 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

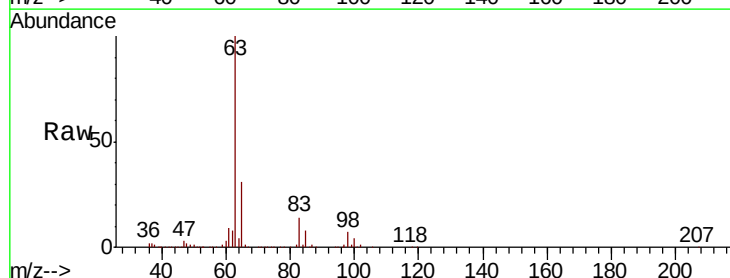
Tgt Ion: 63 Resp: 483704

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

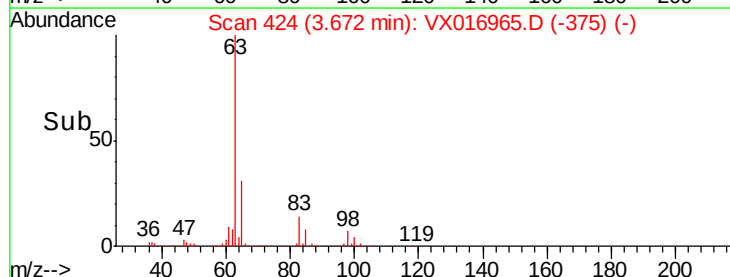
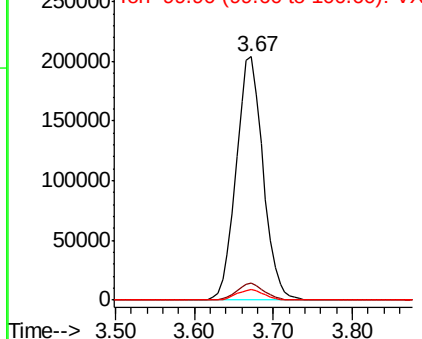
100 4.2 2.1 6.3

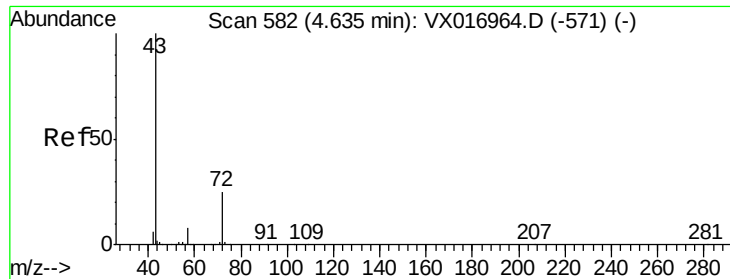


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 512.785 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 978488

Ion Ratio Lower Upper

43 100

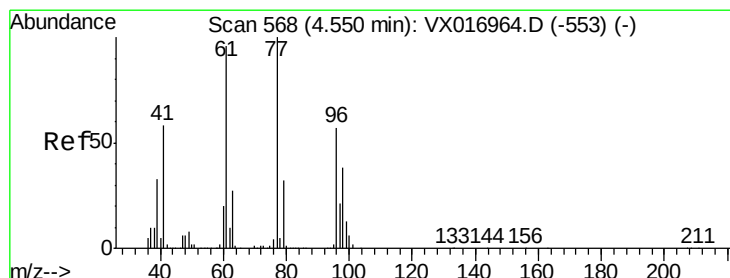
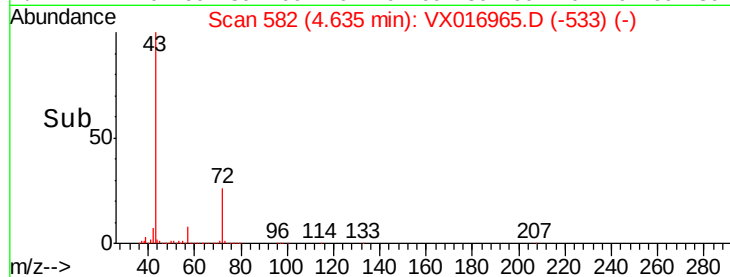
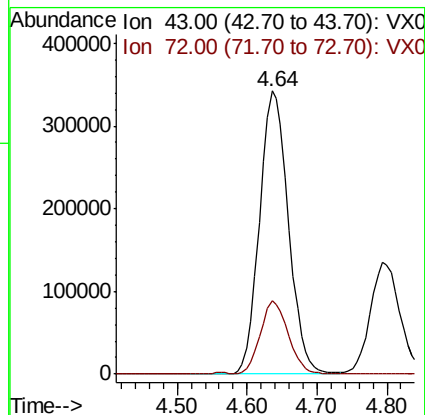
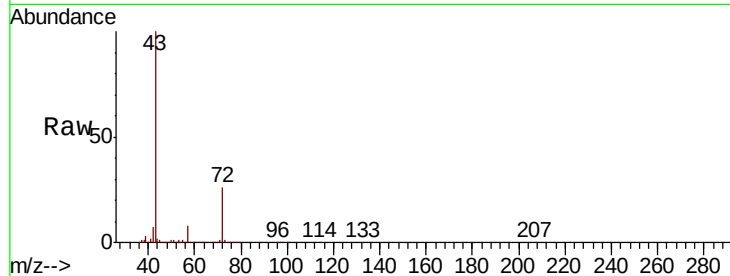
72 25.9 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 92.266 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016965.D

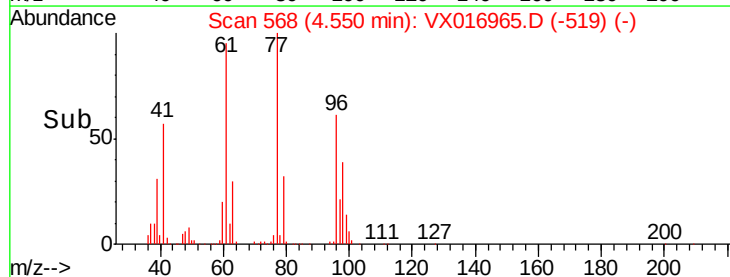
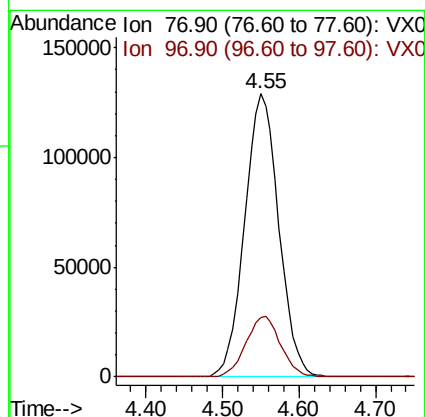
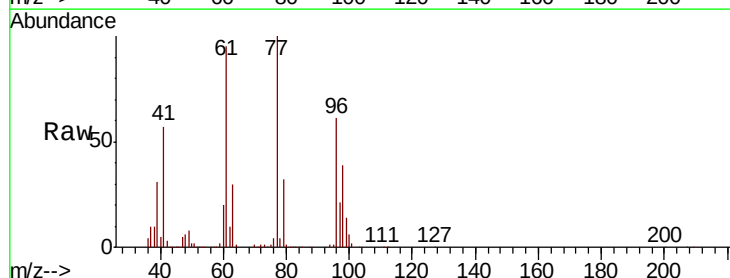
Acq: 25 Jun 2020 20:22

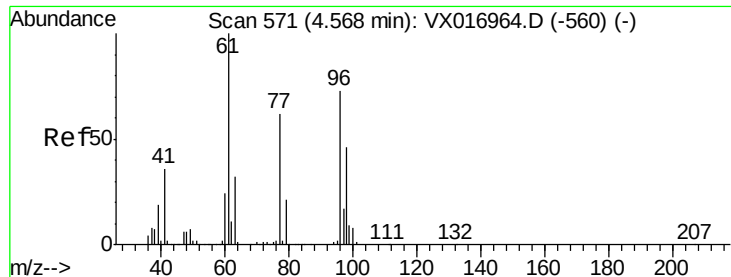
Tgt Ion: 77 Resp: 399573

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 93.415 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

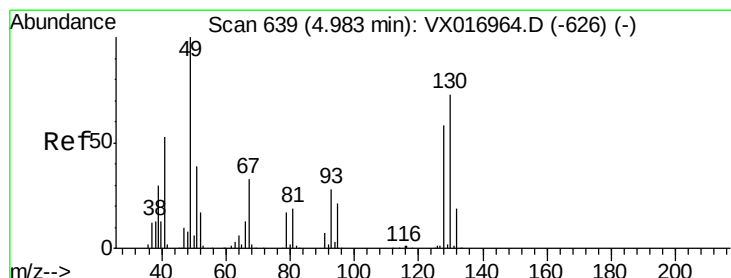
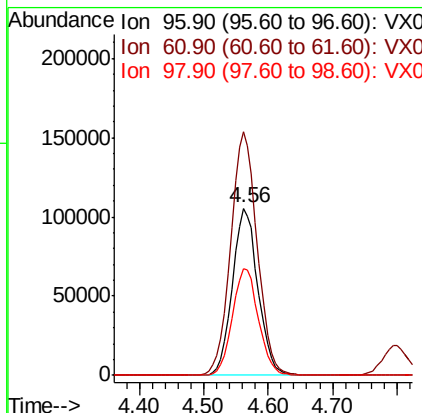
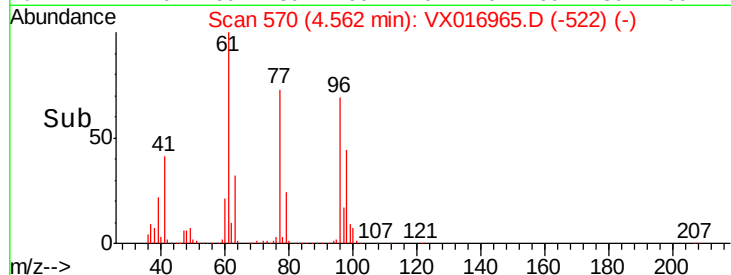
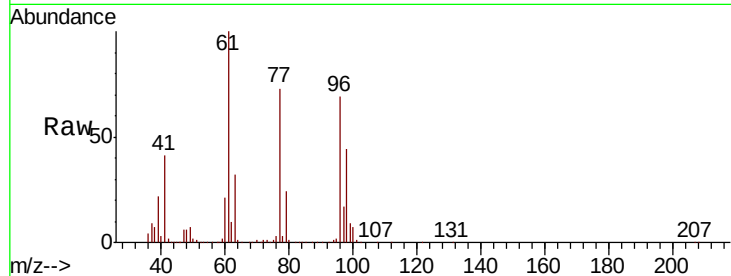
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	291111
Ion Ratio	Lower	Upper	
96	100		
61	151.8	0.0	307.2
98	65.3	0.0	128.4

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#28

Bromochloromethane

Concen: 98.058 ug/l

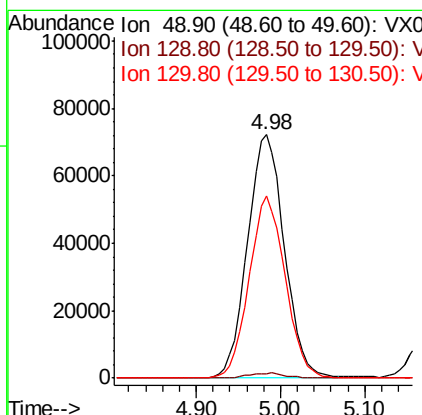
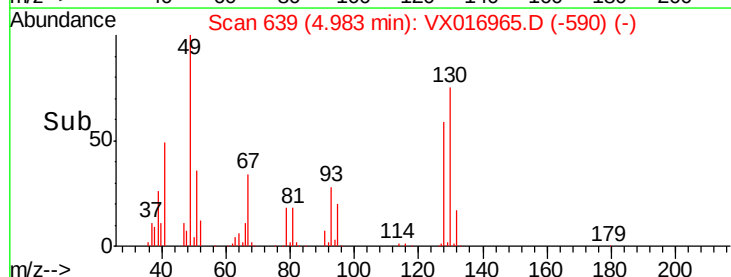
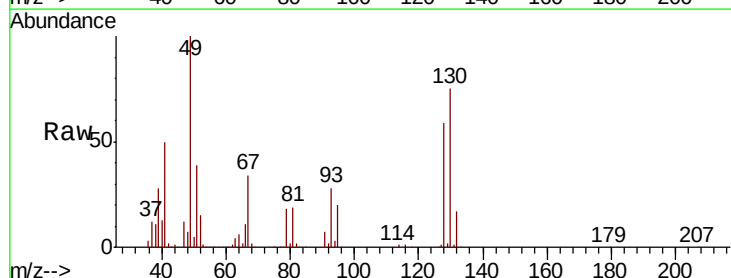
RT: 4.98 min Scan# 639

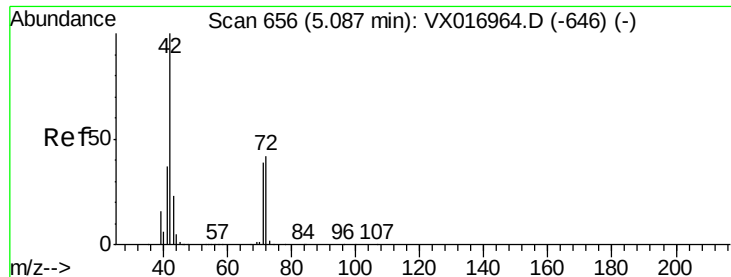
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	49	Resp:	215453
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.4
130	73.1	58.7	88.1





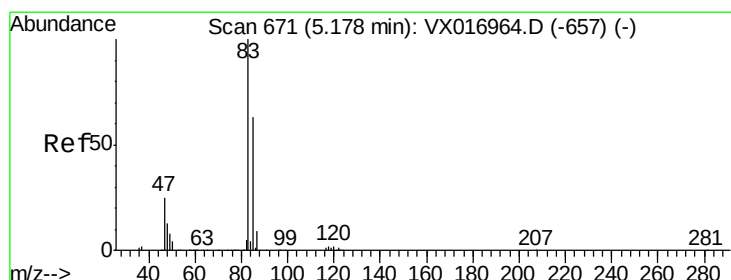
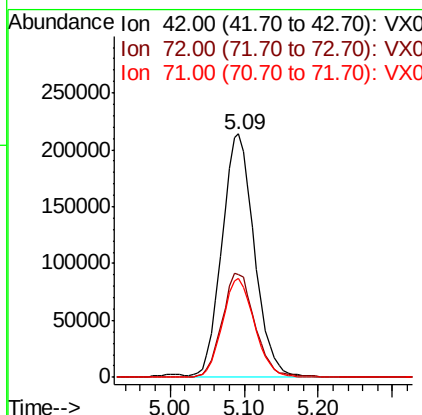
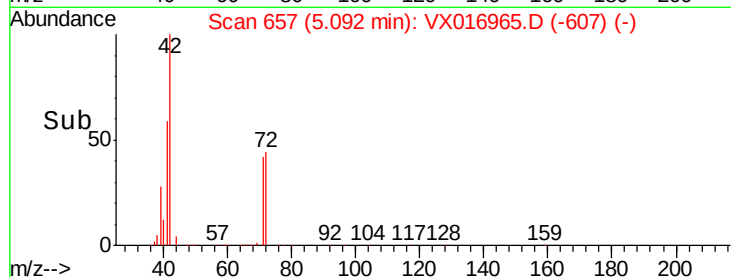
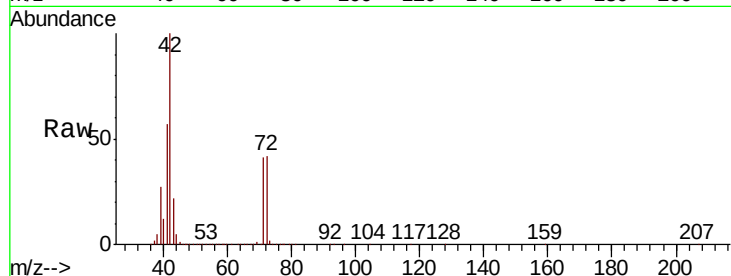
#29
Tetrahydrofuran
Concen: 512.227 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	42	Resp:	646921
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.1	51.1
71	40.4	32.1	48.1

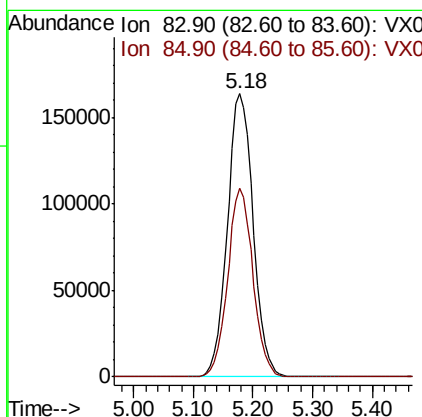
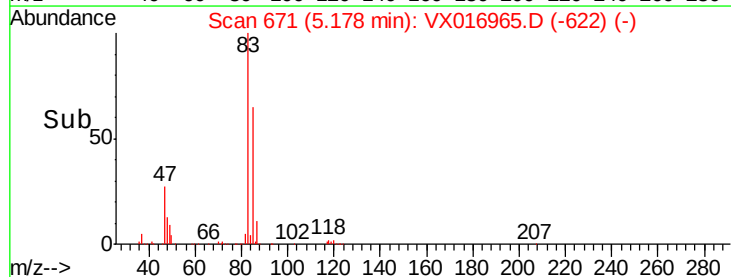
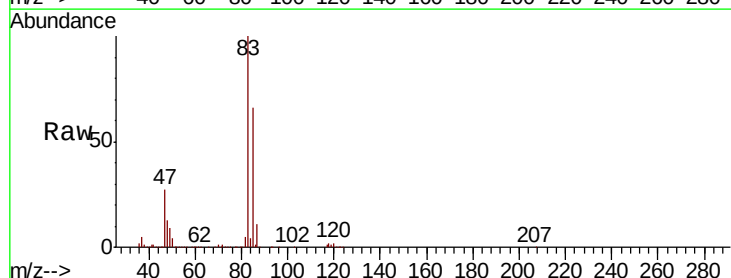
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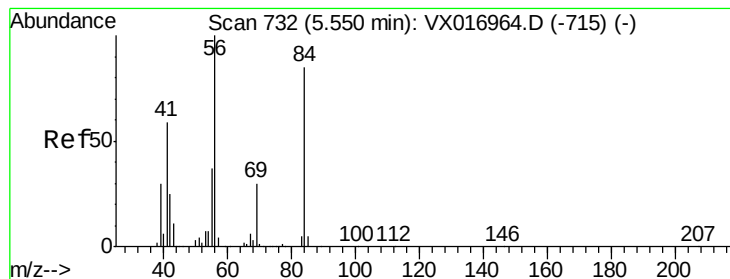
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#30
Chloroform
Concen: 99.832 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion:	83	Resp:	491250
Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.7	76.1





#31

Cyclohexane

Concen: 92.731 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

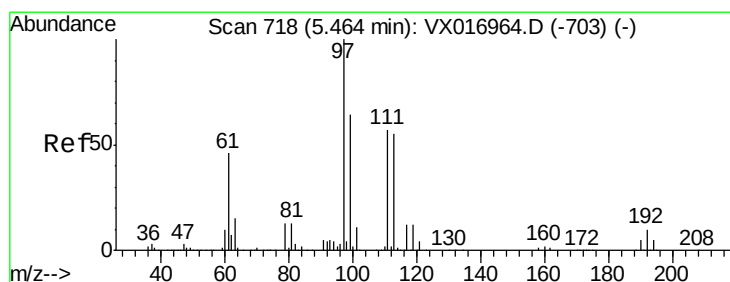
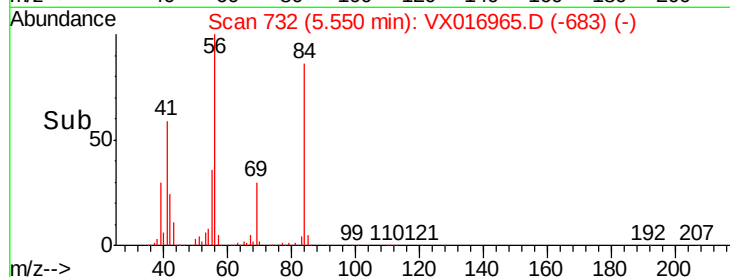
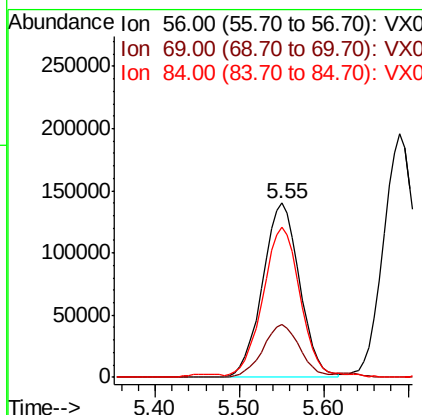
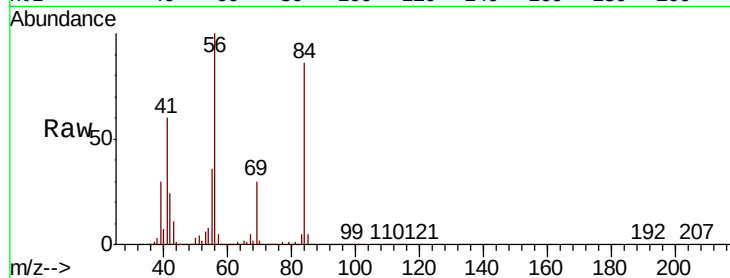
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	426362
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.6	35.4
84	85.4	67.8	101.8

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#32

1,1,1-Trichloroethane

Concen: 100.538 ug/l

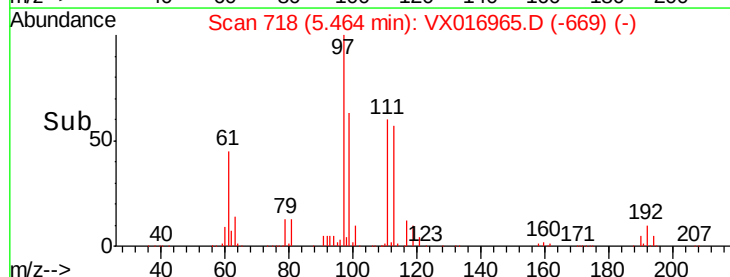
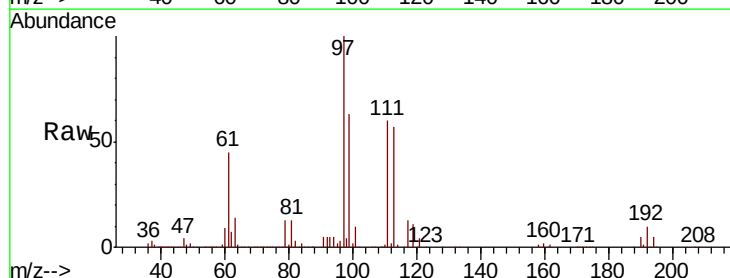
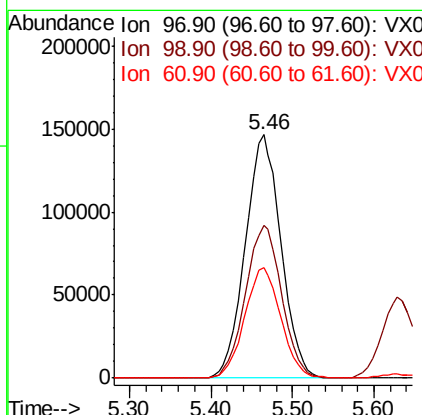
RT: 5.46 min Scan# 718

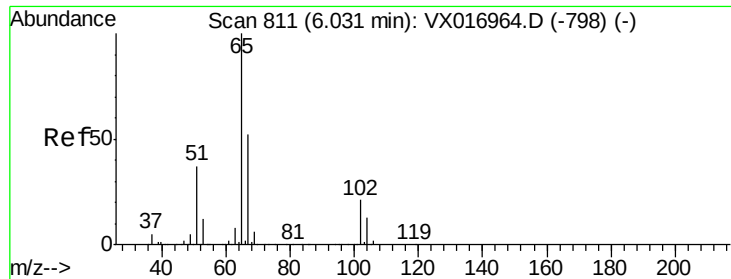
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	97	Resp:	446791
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	45.9	37.0	55.4





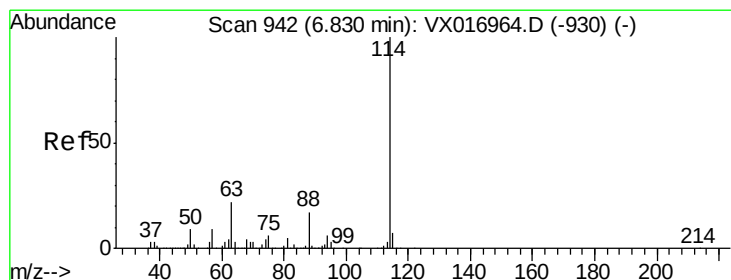
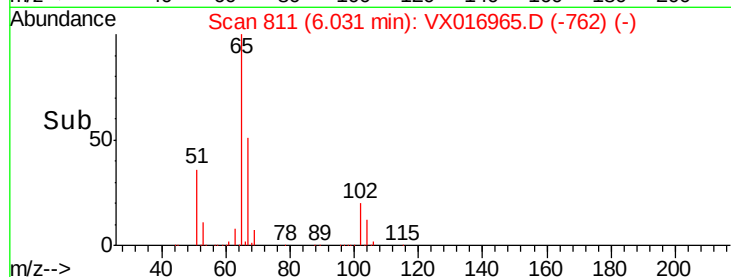
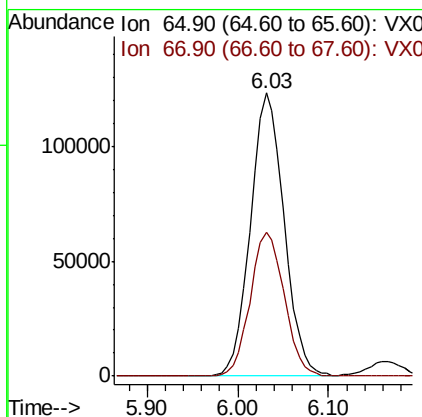
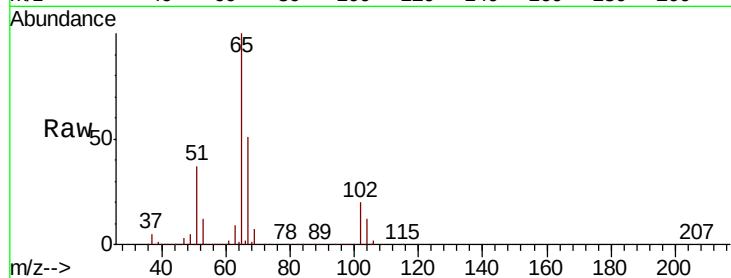
#33
 1,2-Dichloroethane-d4
 Concen: 100.450 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	316571		
67	51.6	0.0	102.8	

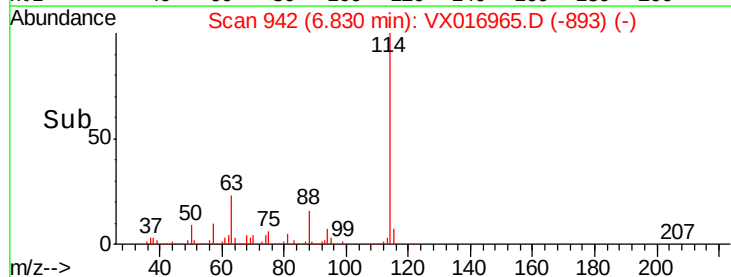
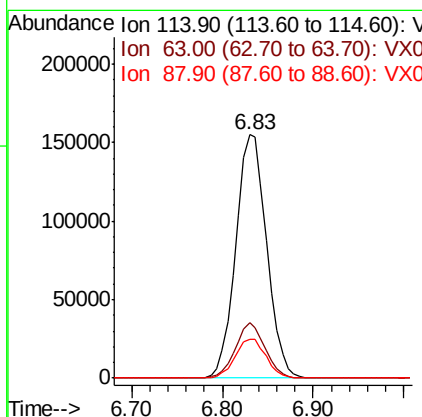
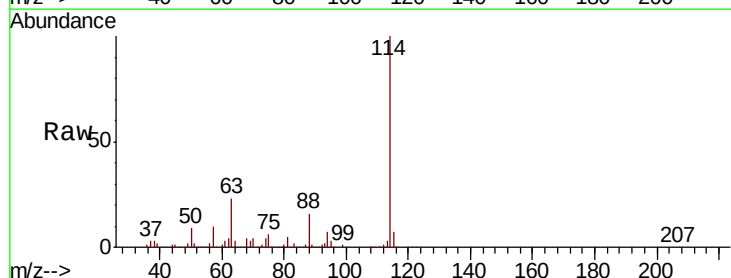
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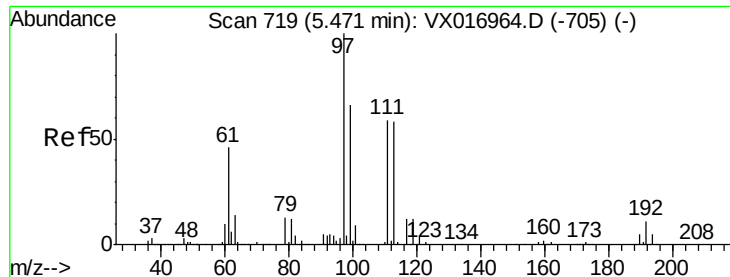
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367405		
63	22.8	0.0	44.4	
88	16.1	0.0	33.2	





#35

Dibromofluoromethane

Concen: 117.878 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

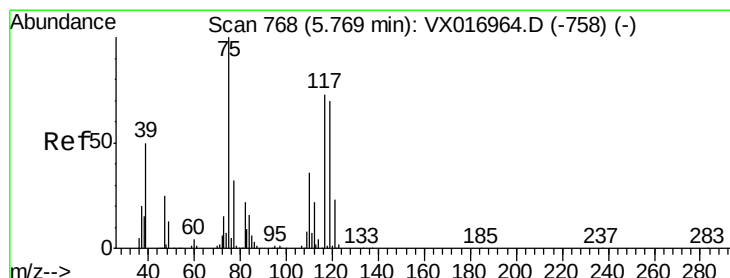
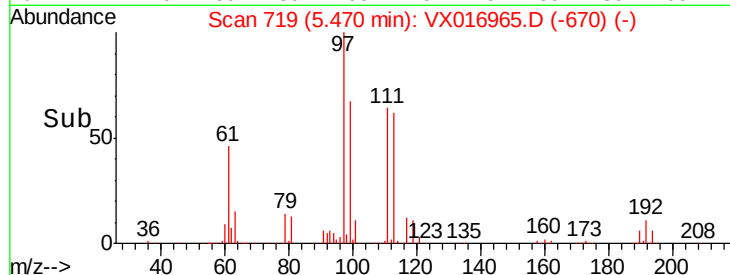
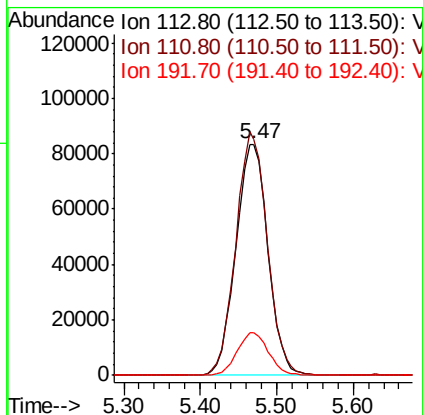
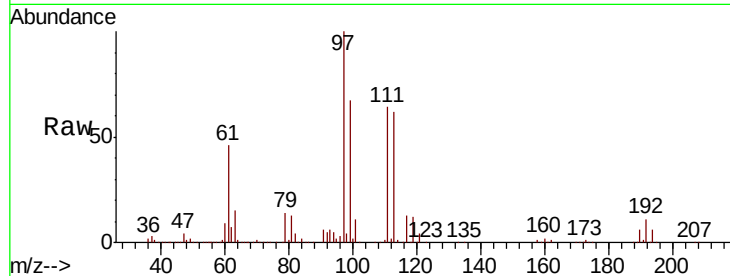
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	242899
Ion Ratio	Lower	Upper	
113	100		
111	103.3	84.3	126.5
192	18.1	15.2	22.8

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#36

1,1-Dichloropropene

Concen: 104.976 ug/l

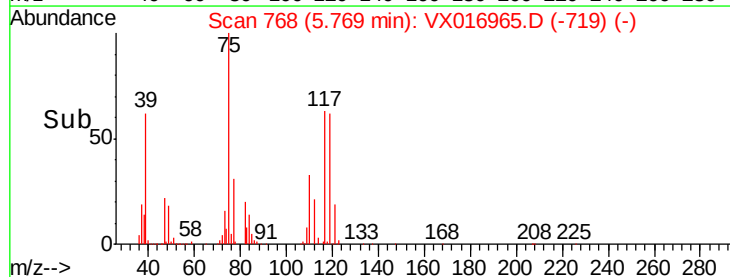
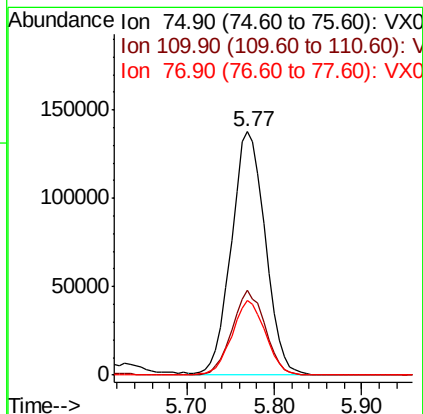
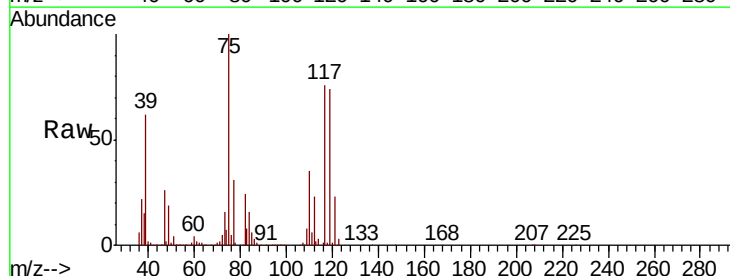
RT: 5.77 min Scan# 768

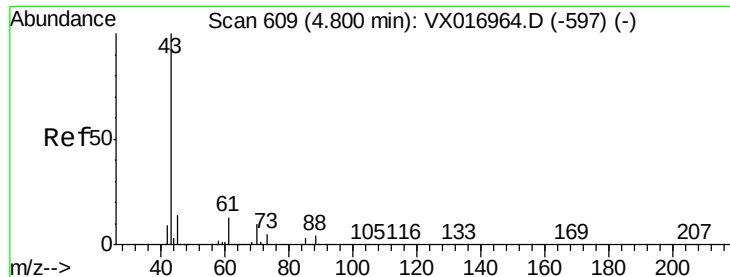
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	75	Resp:	370575
Ion Ratio	Lower	Upper	
75	100		
110	34.0	17.2	51.6
77	30.4	24.7	37.1





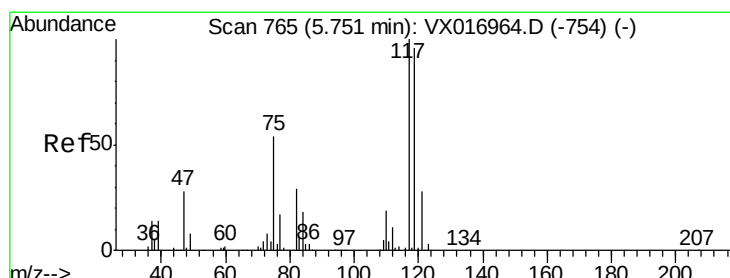
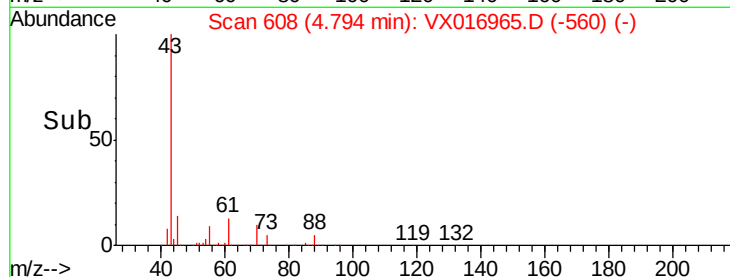
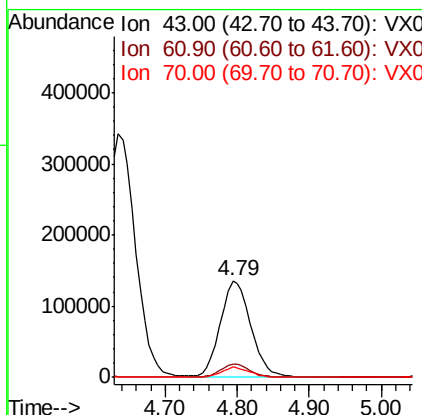
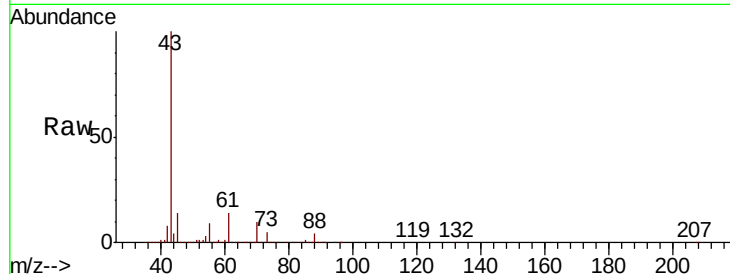
#37
Ethyl Acetate
Concen: 111.295 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.8	16.2
70	10.0	8.0	12.0

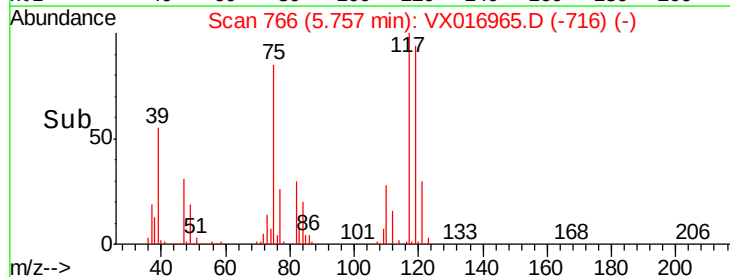
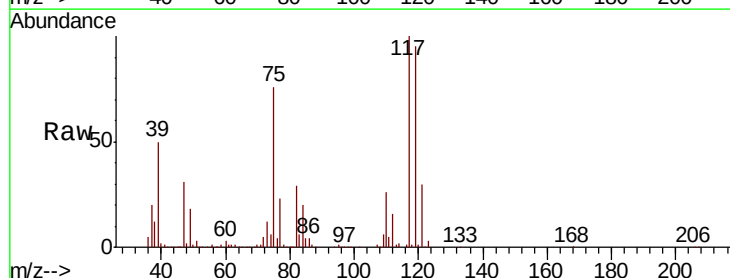
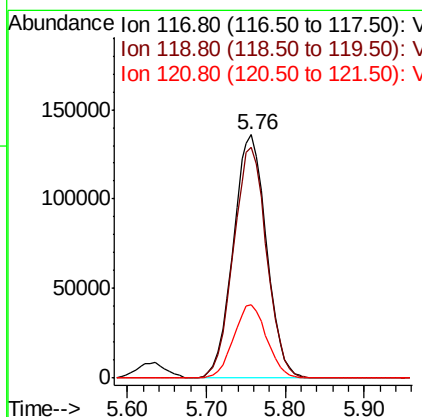
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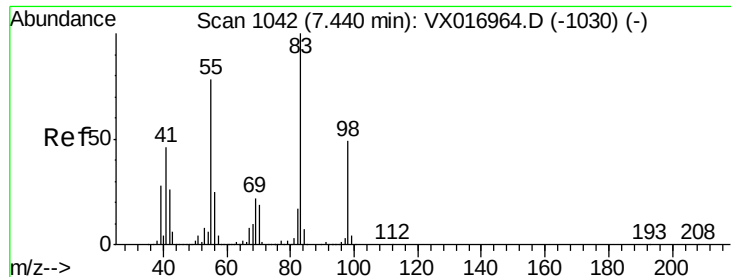
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#38
Carbon Tetrachloride
Concen: 119.867 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.6	114.8
121	30.1	22.5	33.7





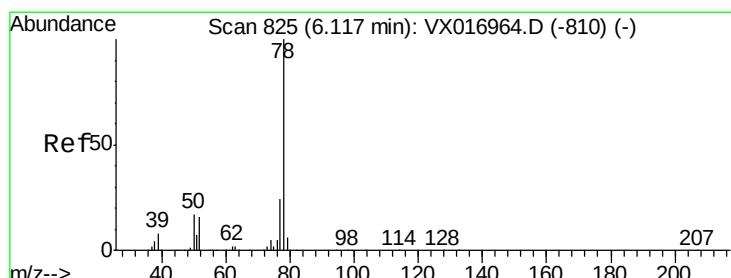
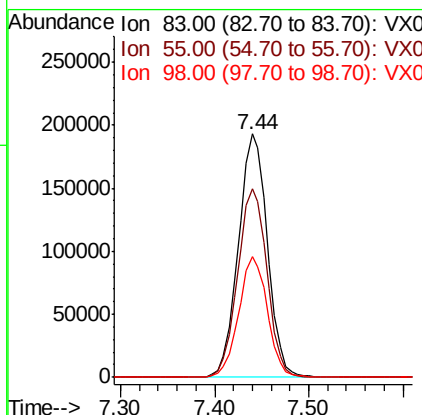
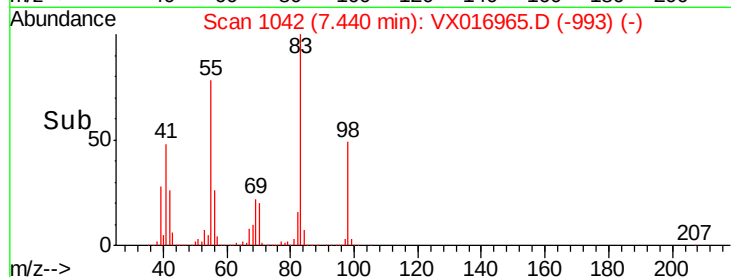
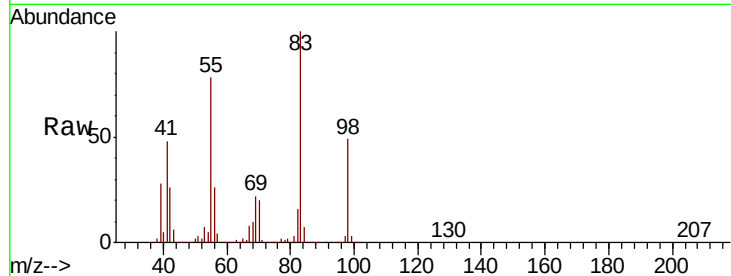
#39
Methylvlcyclohexane
Concen: 98.260 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.4	93.6
98	49.4	39.4	59.0

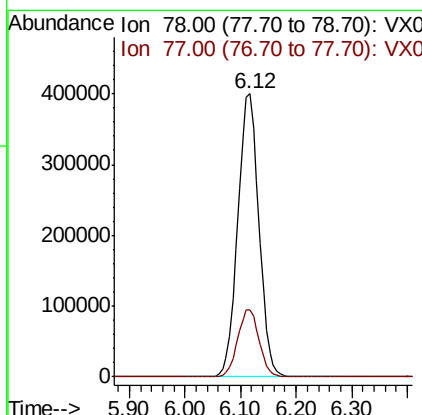
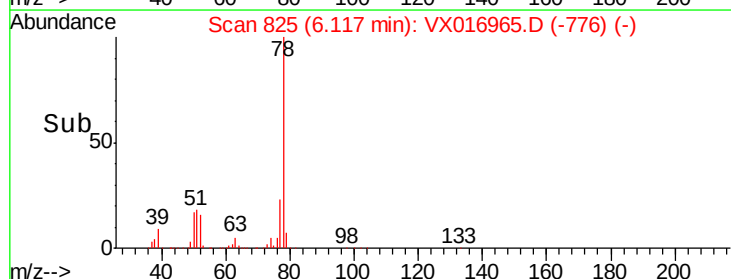
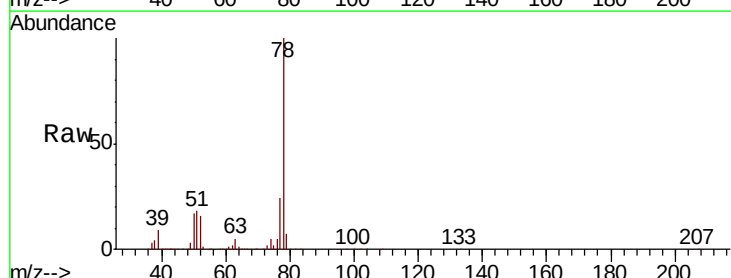
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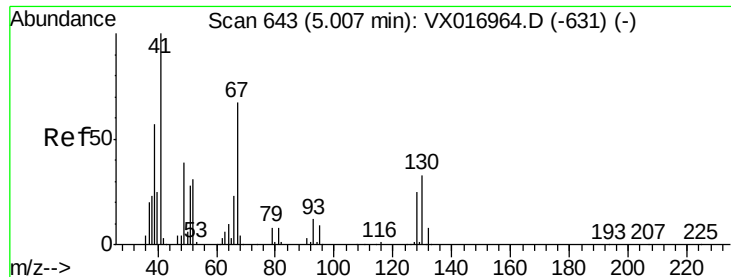
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#40
Benzene
Concen: 102.181 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





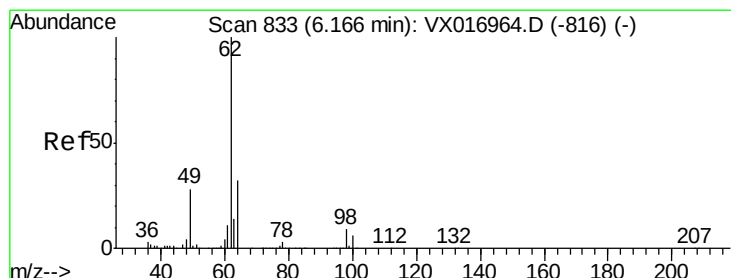
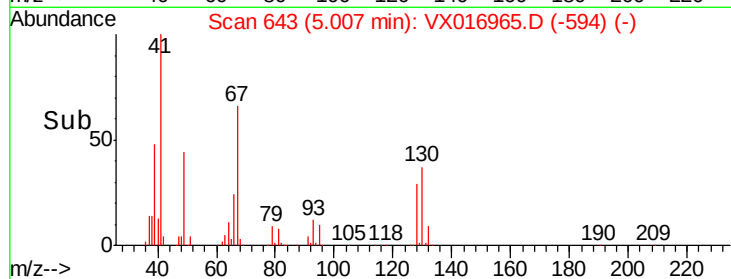
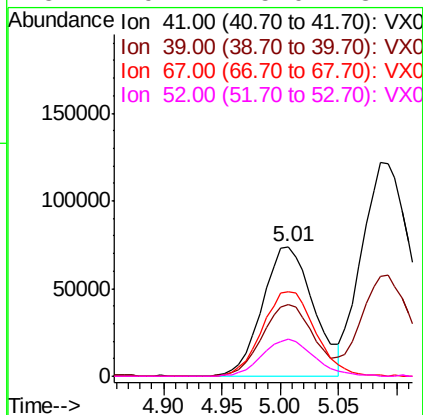
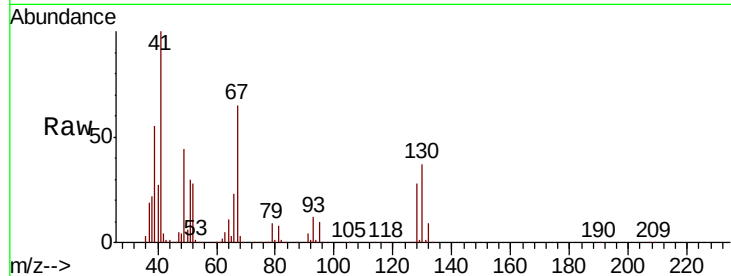
#41
Methacrylonitrile
Concen: 111.069 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	46.6	70.0	
67	67.7	57.0	85.6	
52	29.4	25.0	37.4	

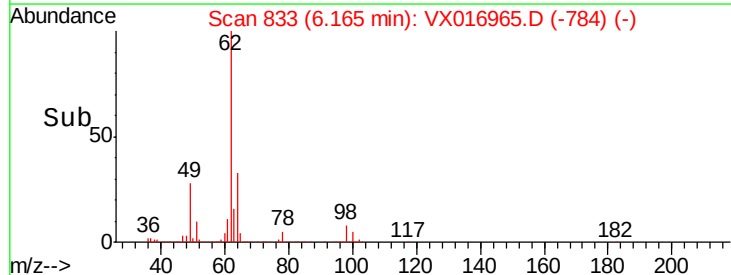
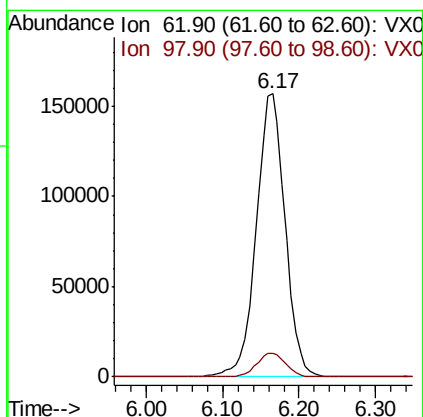
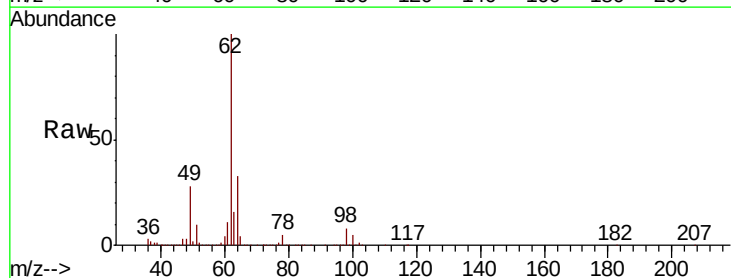
Manual Integrations
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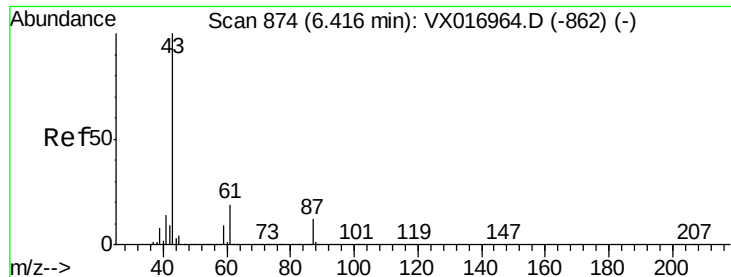
MMDadoda
6/29/2020 12:32:26 PM



#42
1,2-Dichloroethane
Concen: 112.210 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.2	





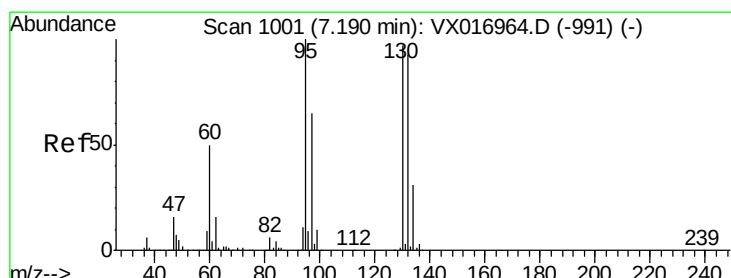
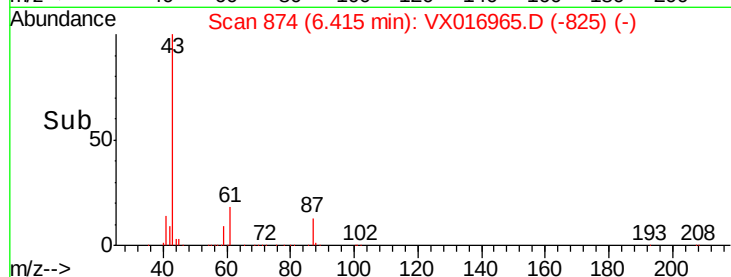
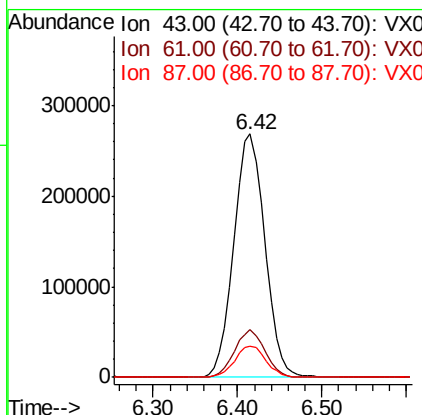
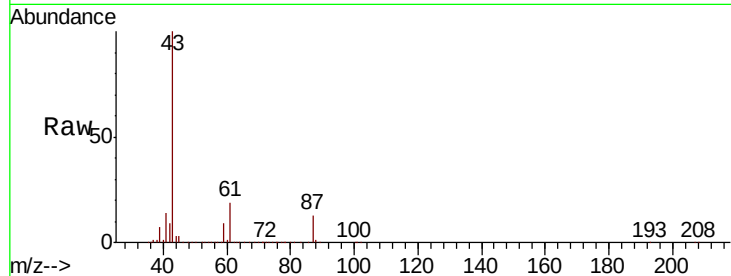
#43
Isopropyl Acetate
Concen: 112.908 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	666179
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.0	22.6
87	12.9	10.0	15.0

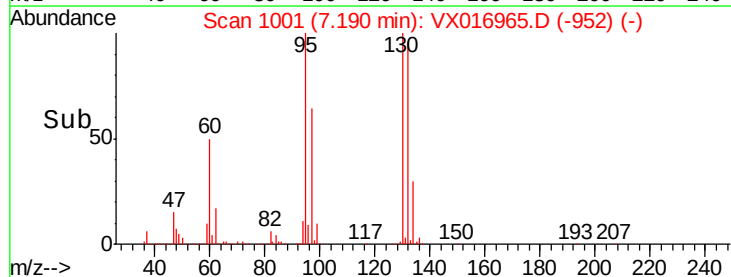
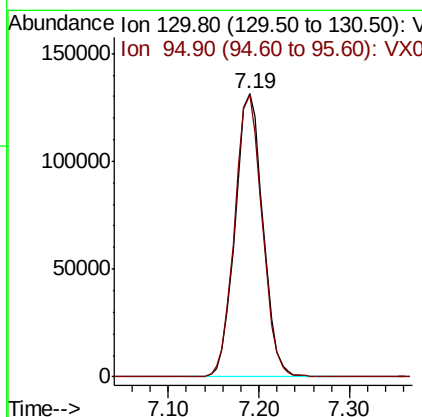
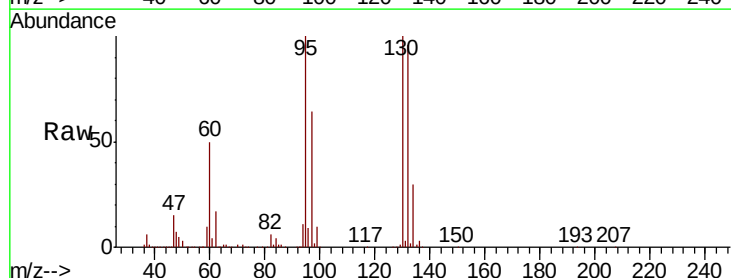
Manual Integrations
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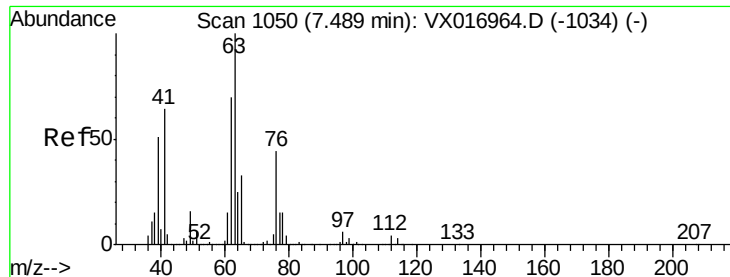
MMDadoda
6/29/2020 12:32:26 PM



#44
Trichloroethene
Concen: 90.375 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	130	Resp	279564
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	206.6





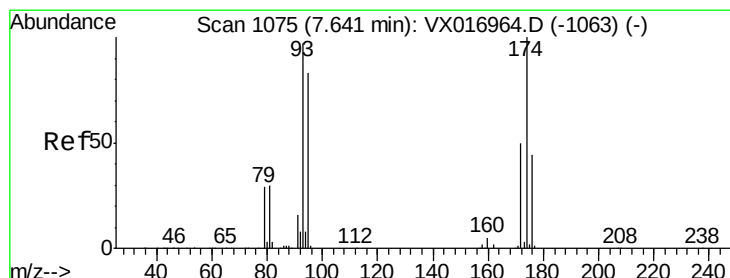
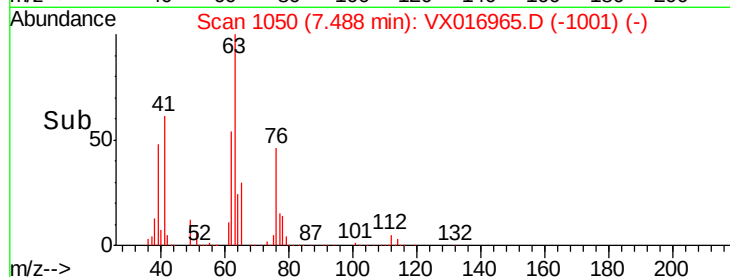
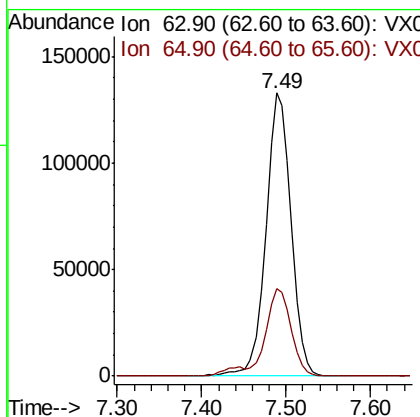
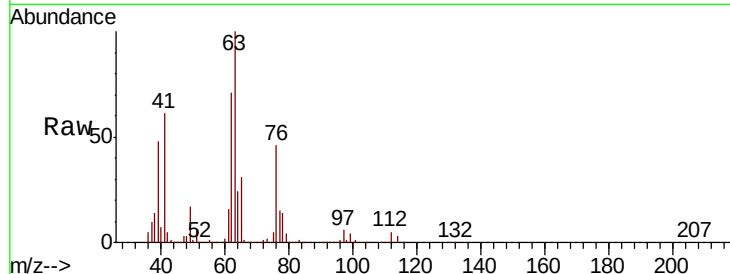
#45
 1,2-Dichloropropane
 Concen: 103.599 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	26.1	39.1

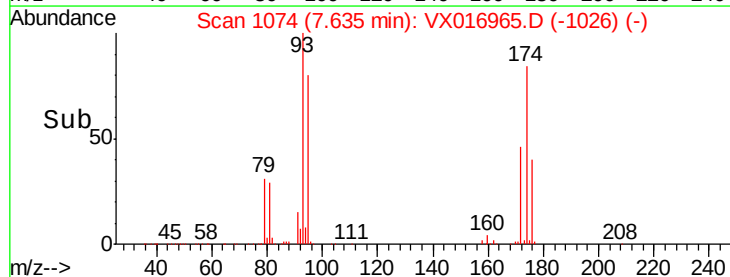
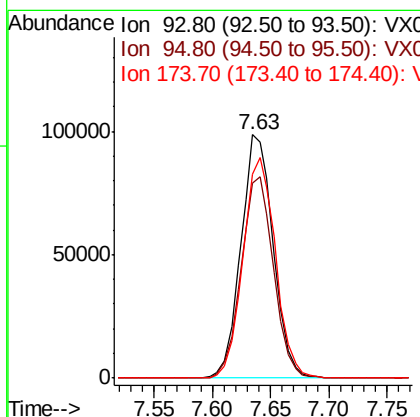
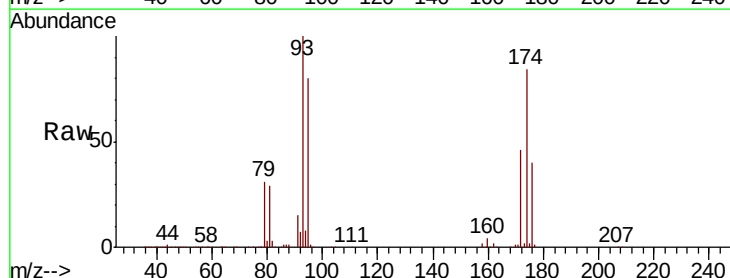
Manual Integrations
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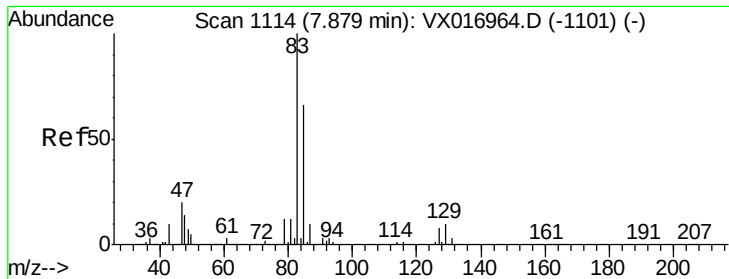
MMDadoda
 6/29/2020 12:32:26 PM



#46
 Dibromomethane
 Concen: 107.865 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.5	101.3
174	90.9	75.0	112.4





#47

Bromodichloromethane

Concen: 110.246 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

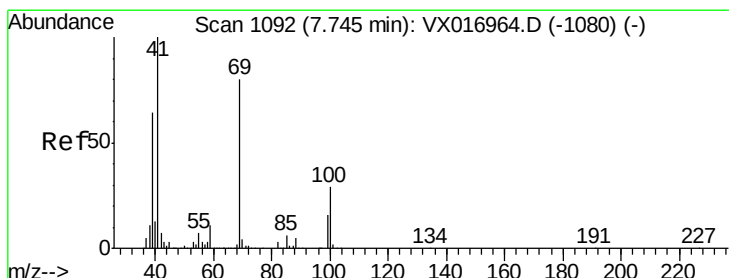
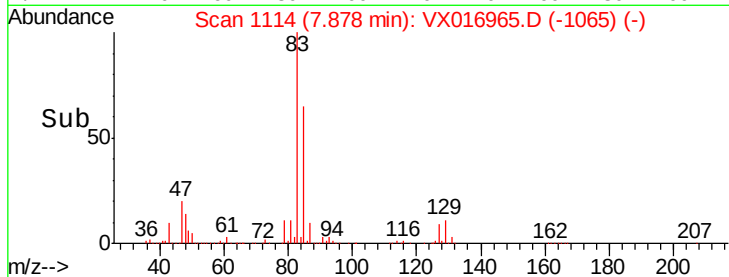
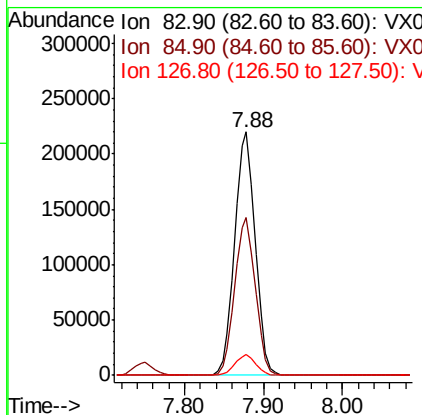
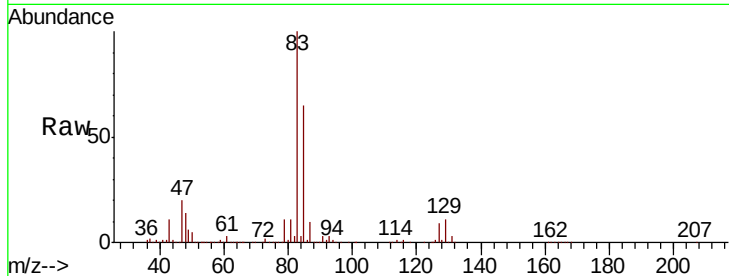
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	399301
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.1	79.7
127	8.7	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 112.255 ug/l

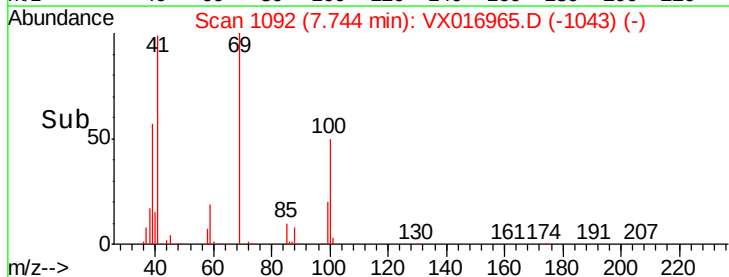
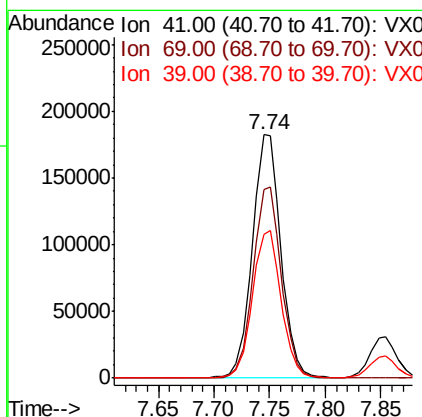
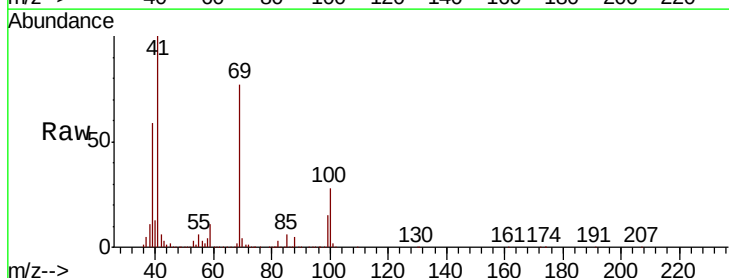
RT: 7.74 min Scan# 1092

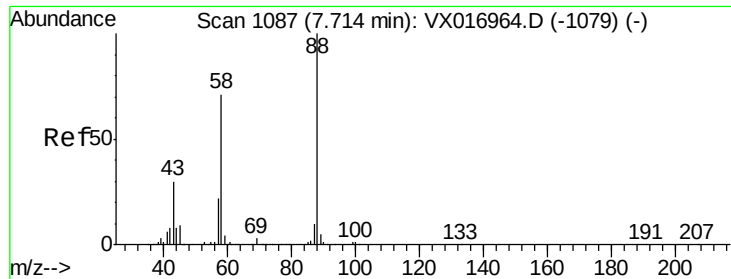
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	41	Resp:	325324
Ion	Ratio	Lower	Upper
41	100		
69	78.2	62.7	94.1
39	61.2	49.6	74.4





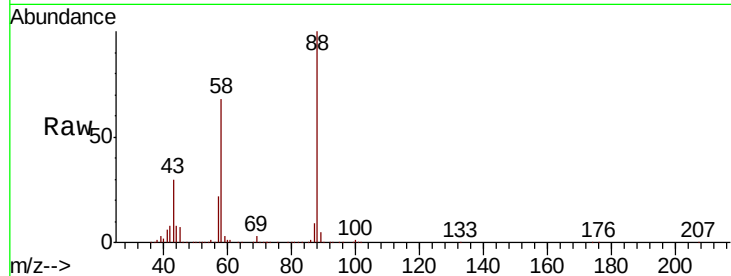
#49
1,4-Dioxane
Concen: 1963.674 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	28.1	42.1
58	70.7	56.1	84.1

Manual Integrations
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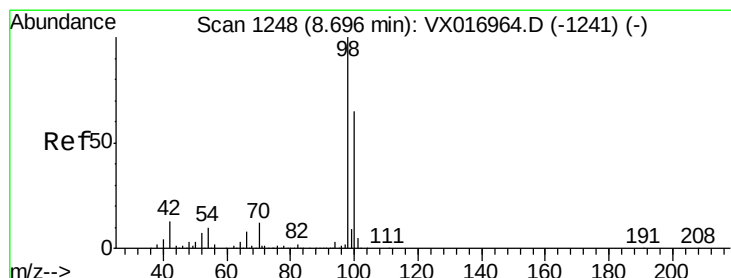
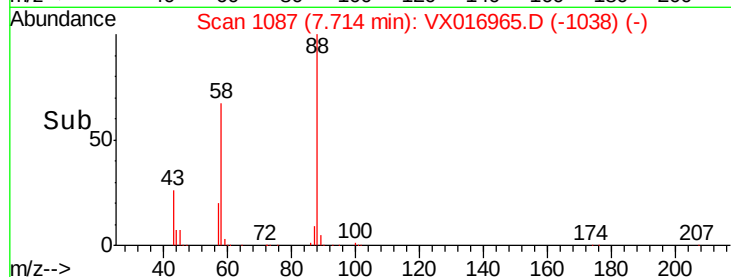
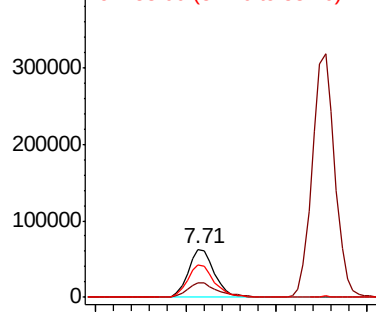


Abundance

Ion 88.00 (87.70 to 88.70): VX0

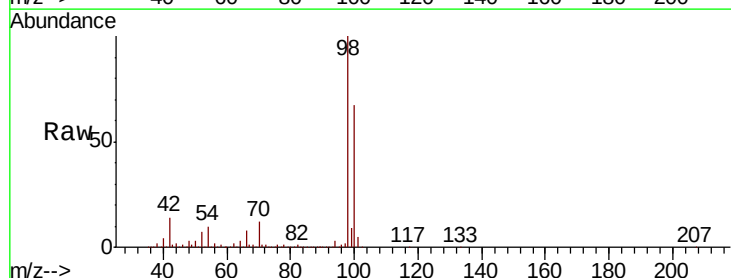
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 103.896 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

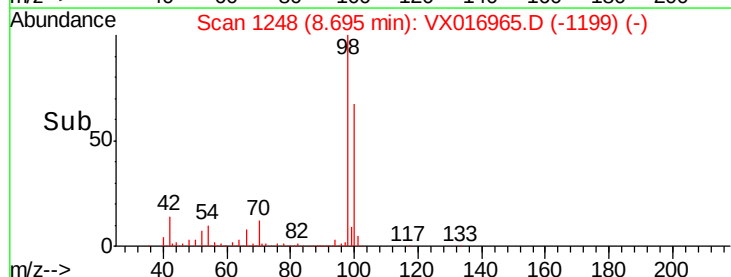
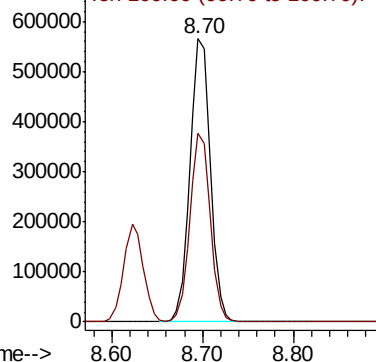
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2

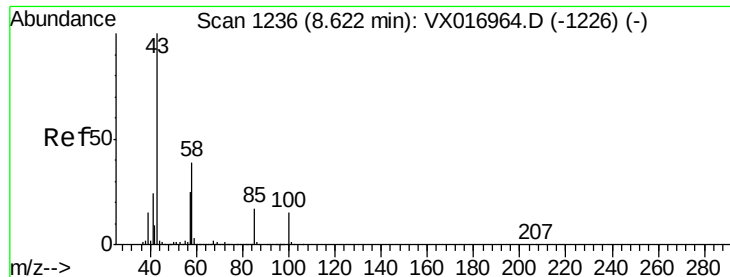


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





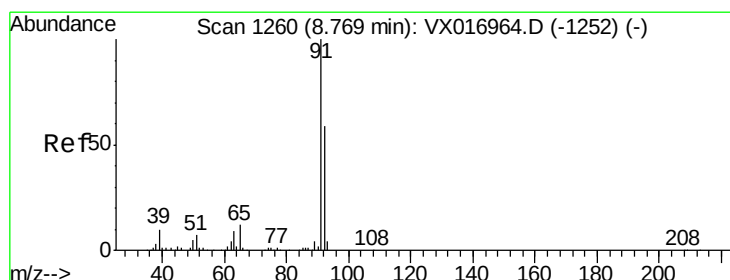
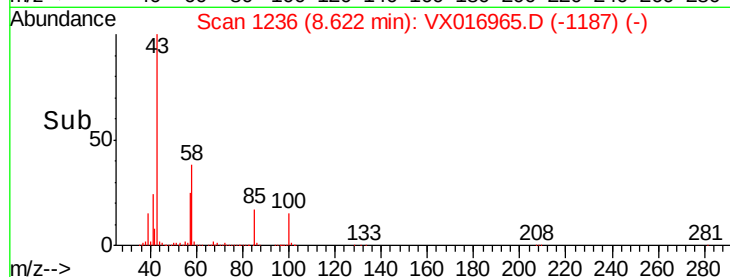
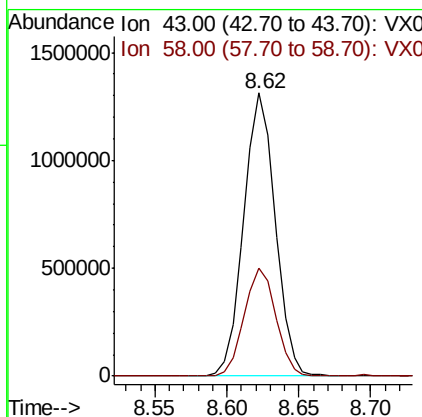
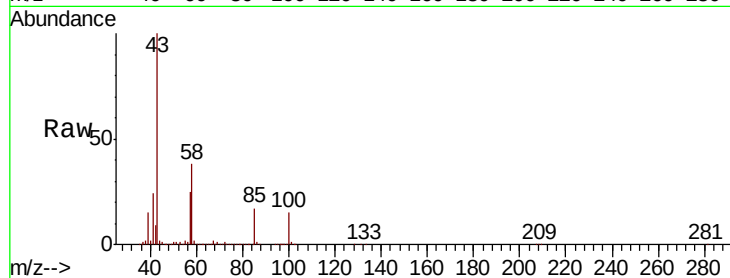
#51
 4-Methyl-2-Pentanone
 Concen: 575.214 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.4	45.6

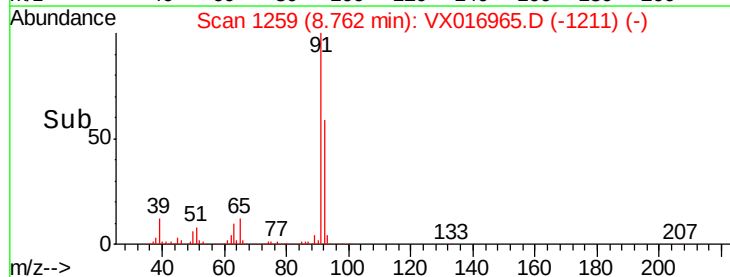
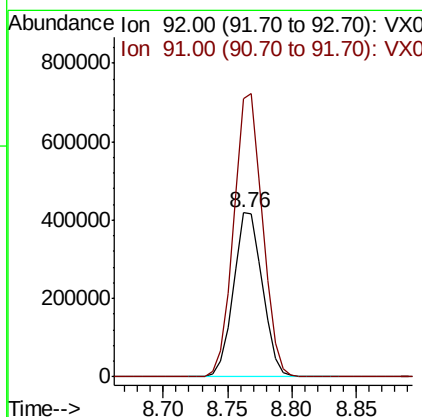
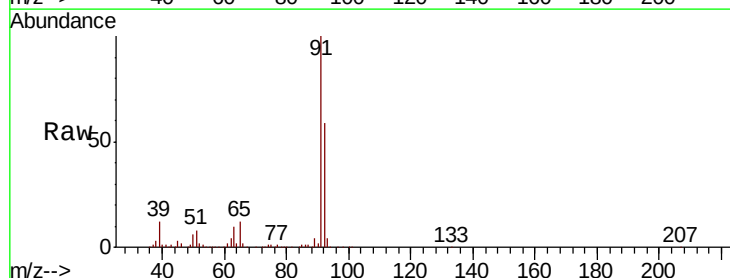
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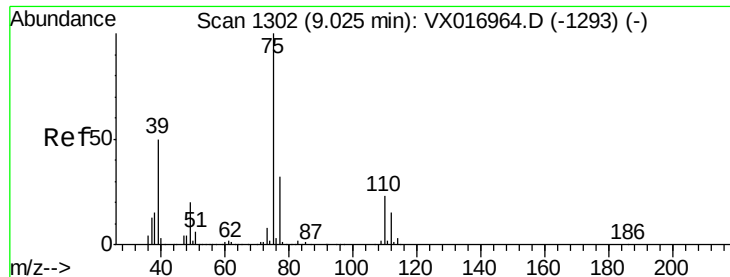
MMDadoda
 6/29/2020 12:32:26 PM



#52
 Toluene
 Concen: 100.638 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	136.7	205.1





#53

t-1,3-Dichloropropene

Concen: 104.007 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 446320

Ion Ratio Lower Upper

75 100

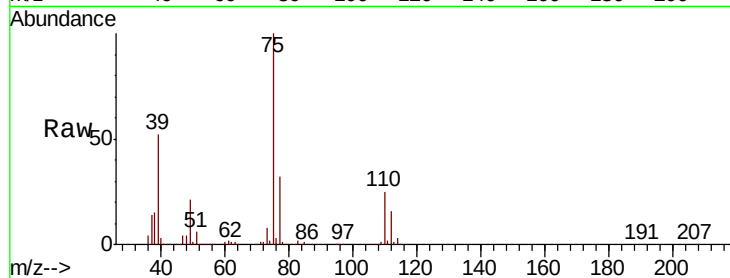
77 32.3 25.8 38.6

Manual Integrations

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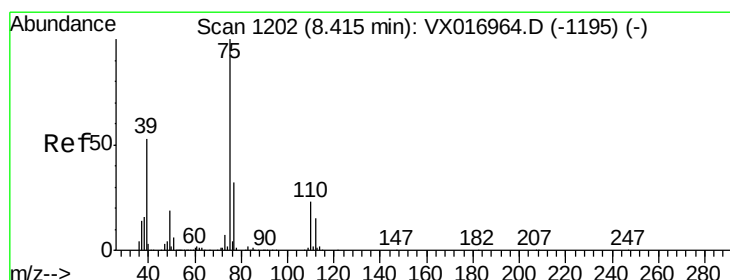
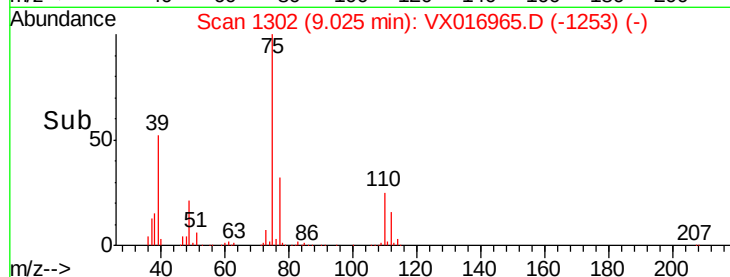
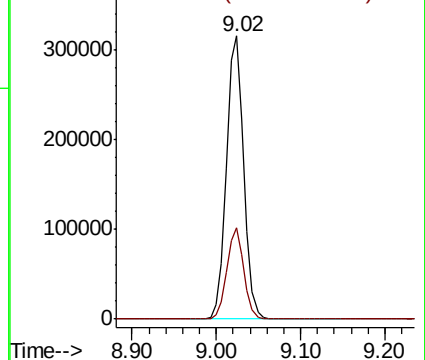
MMDadoda

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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: 102.434 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

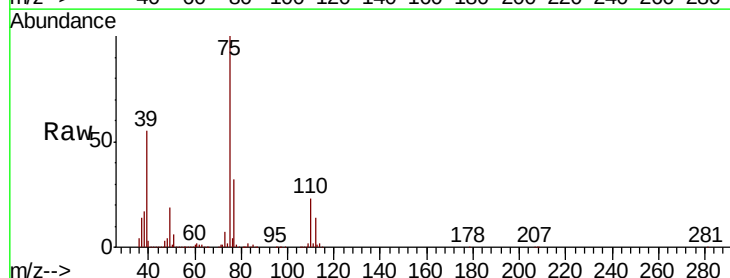
Tgt Ion: 75 Resp: 459583

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

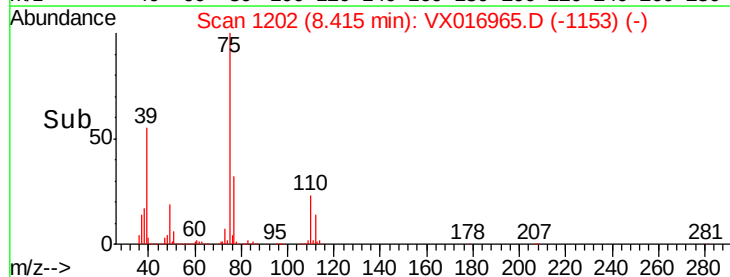
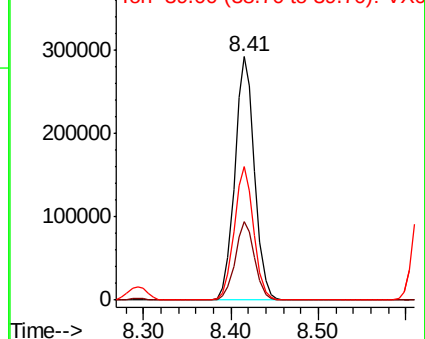
39 54.8 42.7 64.1

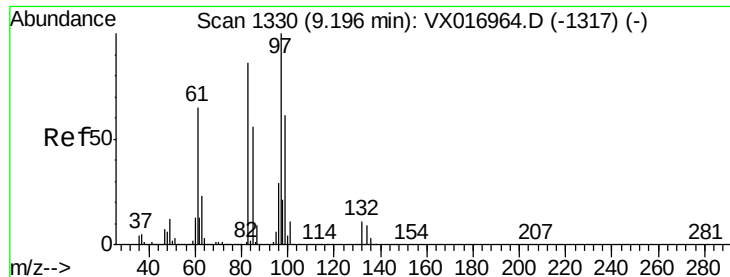


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





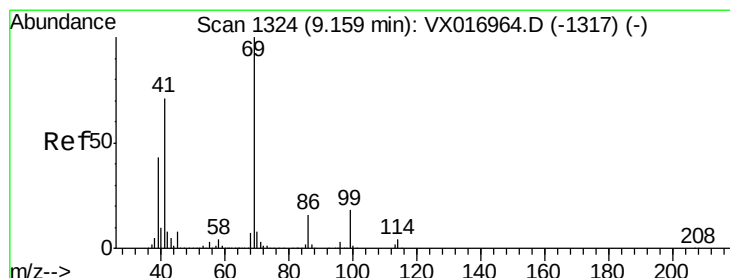
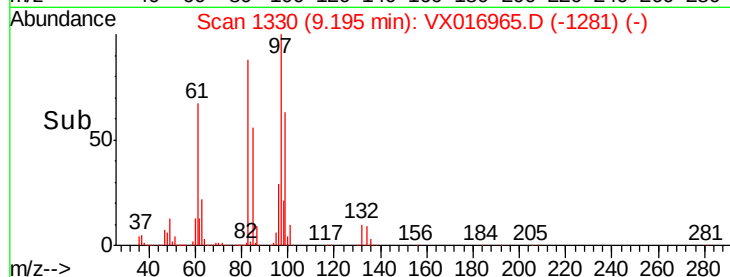
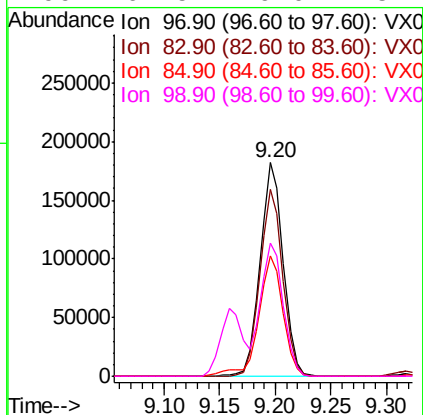
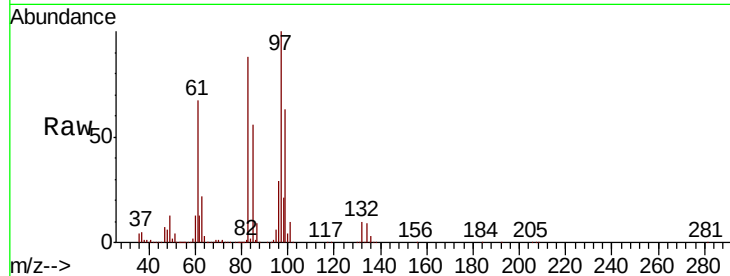
#55
 1,1,2-Trichloroethane
 Concen: 101.476 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	263599		
83	87.6	68.6	103.0	
85	56.4	44.5	66.7	
99	62.5	49.0	73.4	

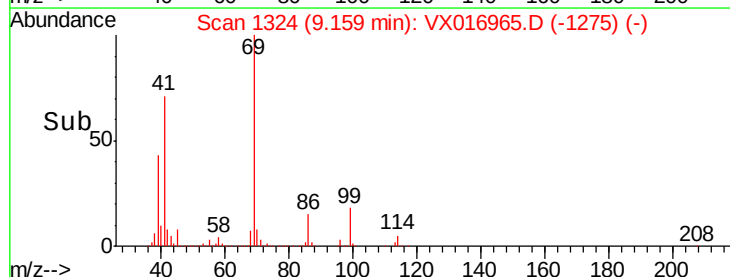
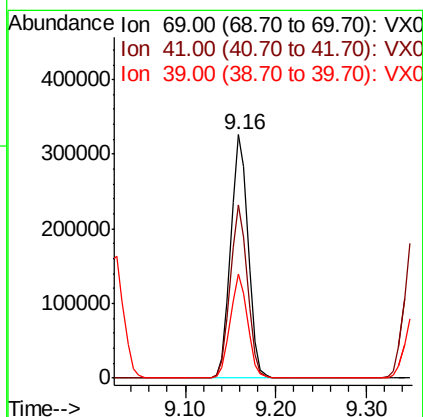
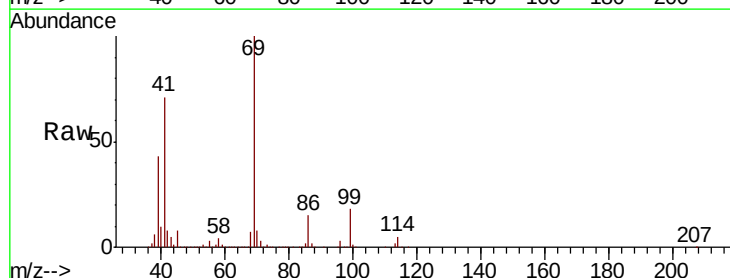
Manual Integrations
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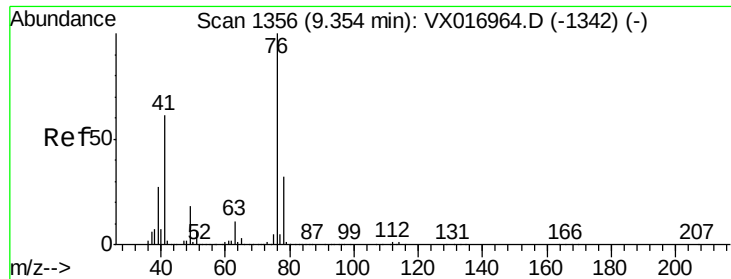
MMDadoda
 6/29/2020 12:32:26 PM



#56
 Ethyl methacrylate
 Concen: 104.920 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	436491		
41	70.4	55.9	83.9	
39	42.2	34.6	51.8	





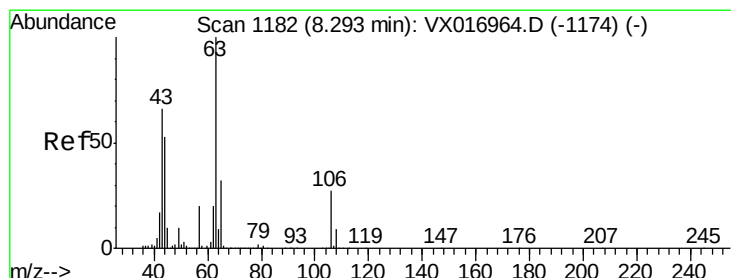
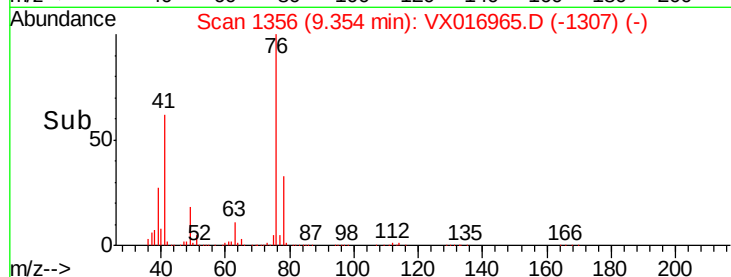
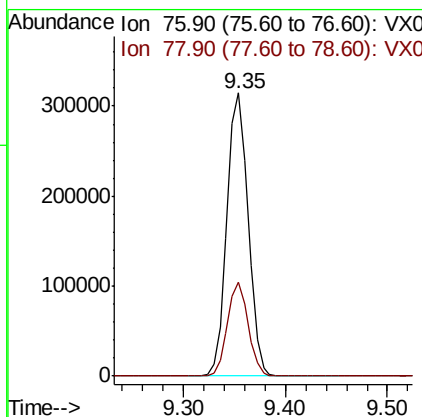
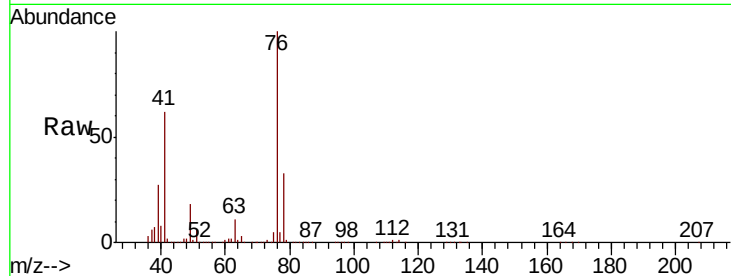
#57
 1,3-Dichloropropane
 Concen: 101.613 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0

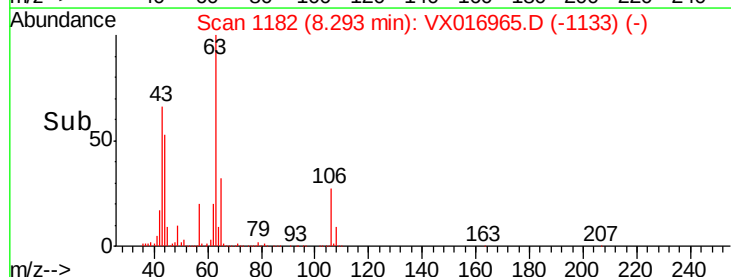
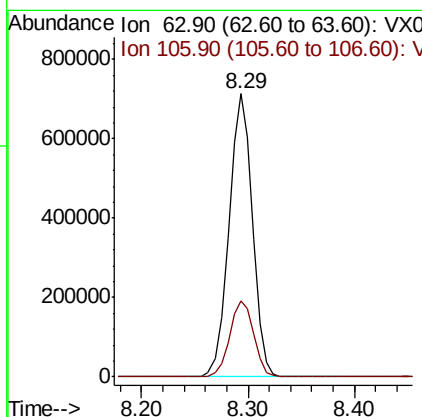
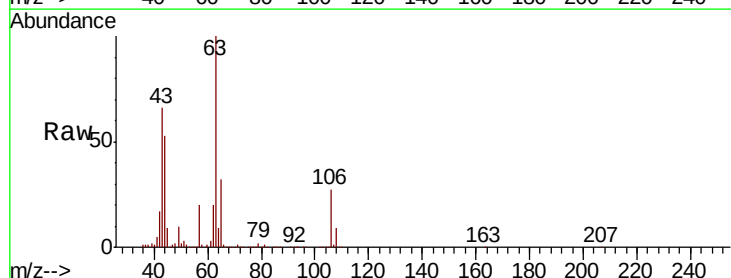
Manual Integrations
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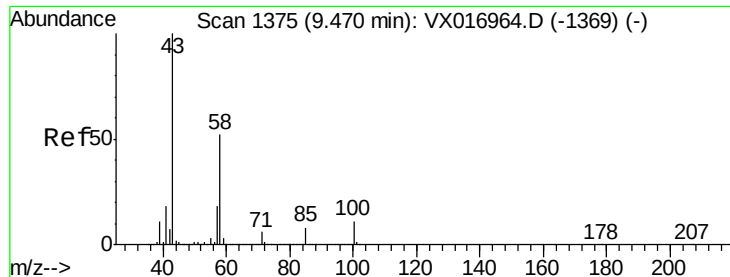
MMDadoda
 6/29/2020 12:32:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 529.418 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.1	33.1





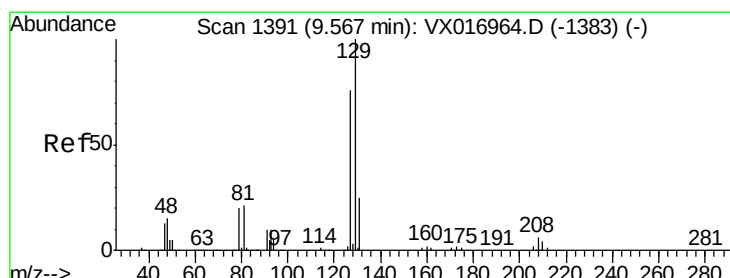
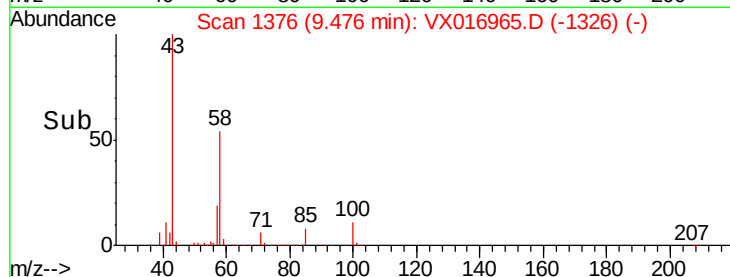
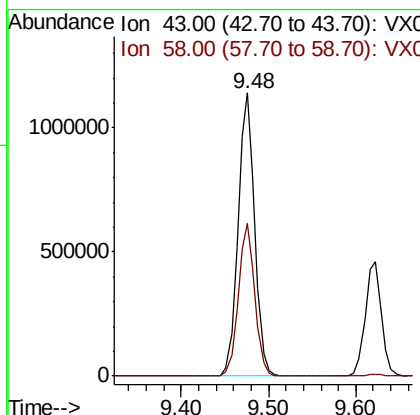
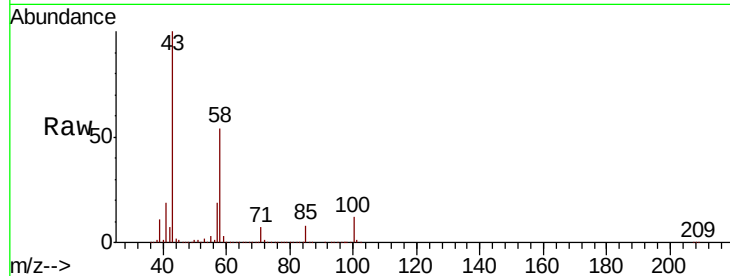
#59
2-Hexanone
Concen: 576.097 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1509894
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.9

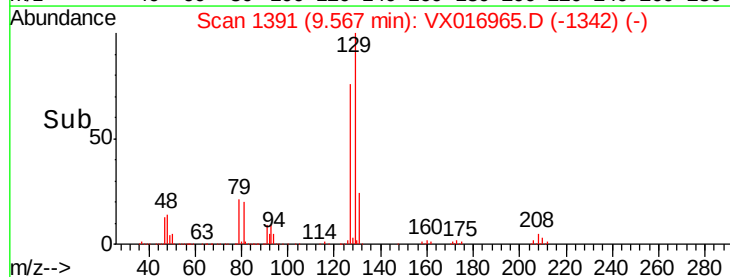
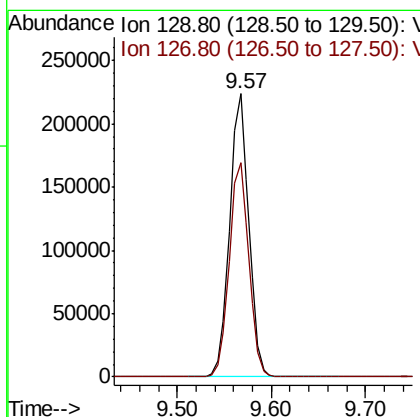
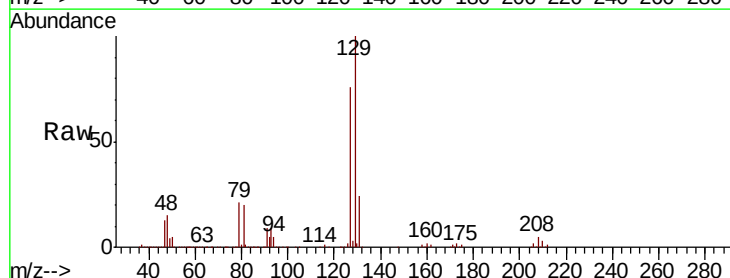
Manual Integrations
APPROVED

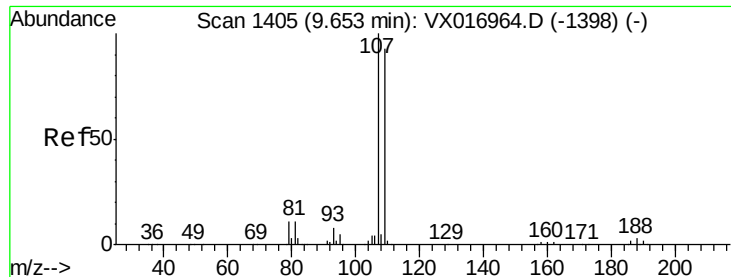
MMDadoda
6/29/2020 12:32:26 PM



#60
Dibromochloromethane
Concen: 119.311 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 129 Resp: 314825
Ion Ratio Lower Upper
129 100
127 77.4 38.0 114.0





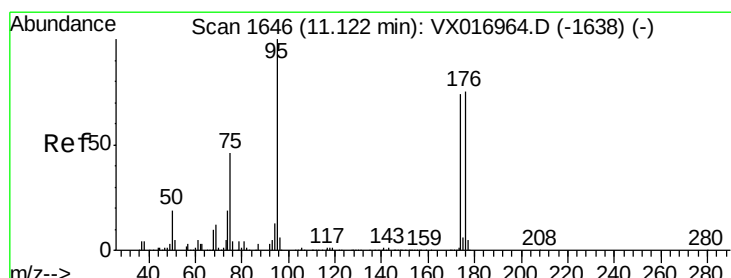
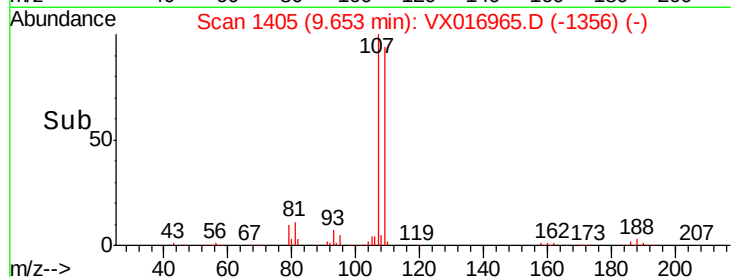
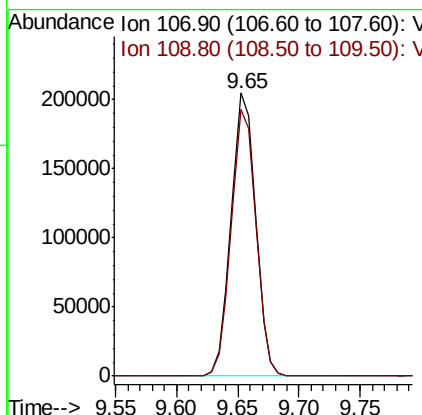
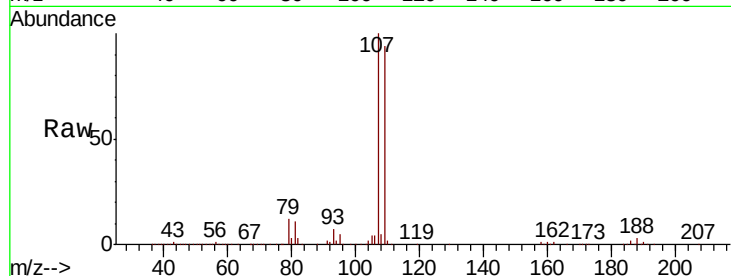
#61
 1,2-Dibromoethane
 Concen: 105.134 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.0	112.6

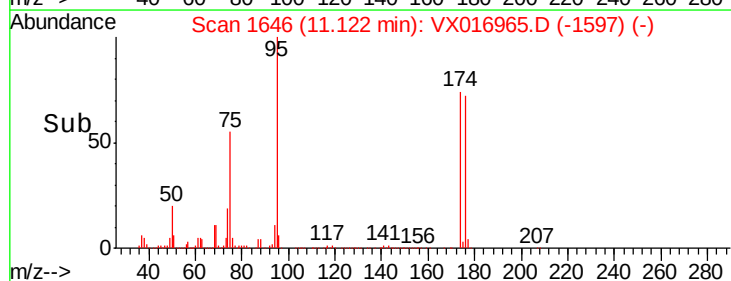
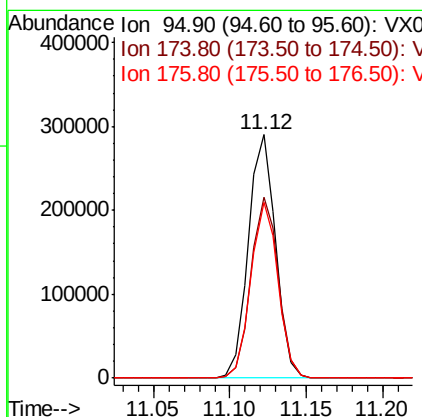
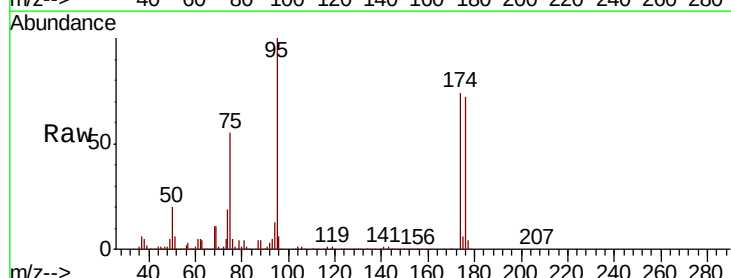
Manual Integrations
 APPROVED

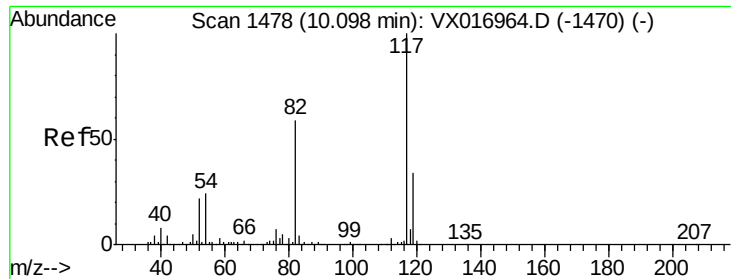
MMDadoda
 6/29/2020 12:32:26 PM



#62
 4-Bromofluorobenzene
 Concen: 103.588 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	149.6
176	72.3	0.0	148.2





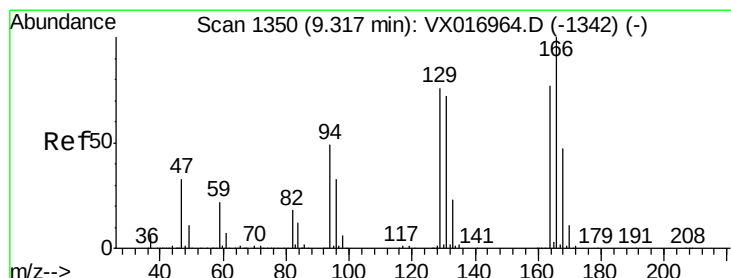
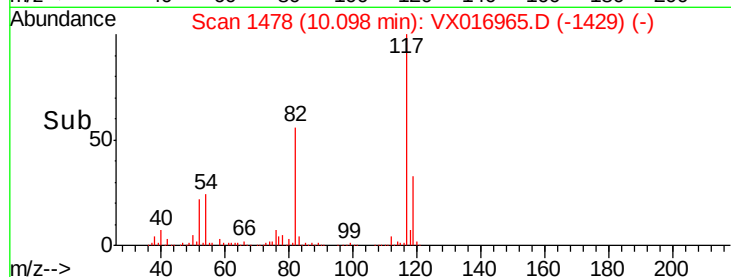
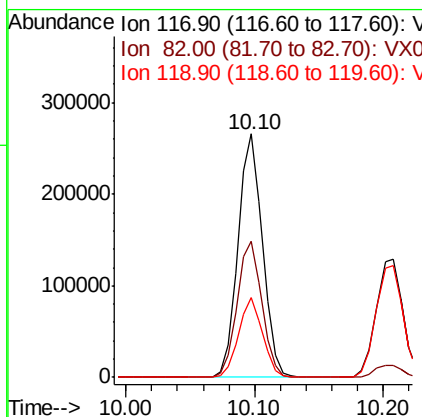
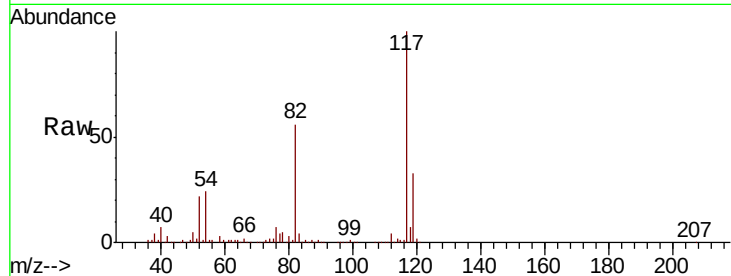
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	349278		
82	55.9	46.8	70.2	
119	32.9	27.3	40.9	

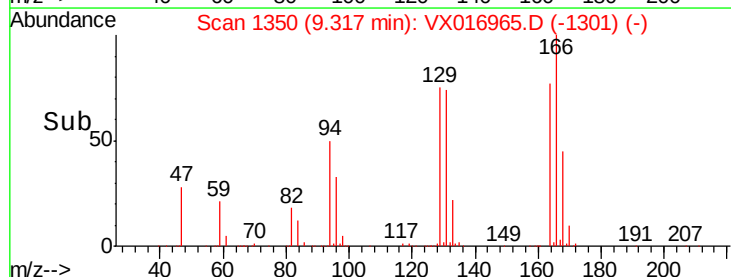
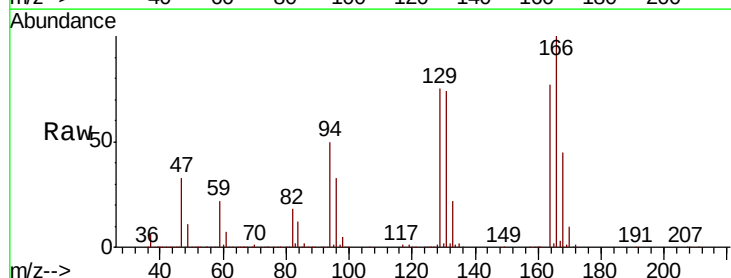
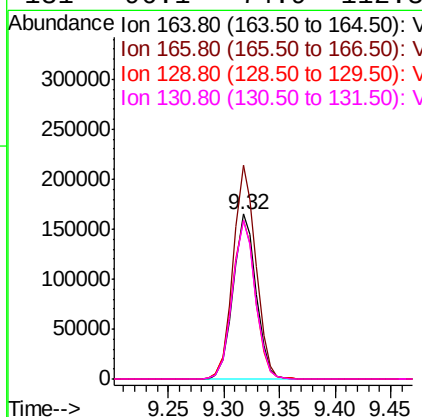
Manual Integrations
APPROVED

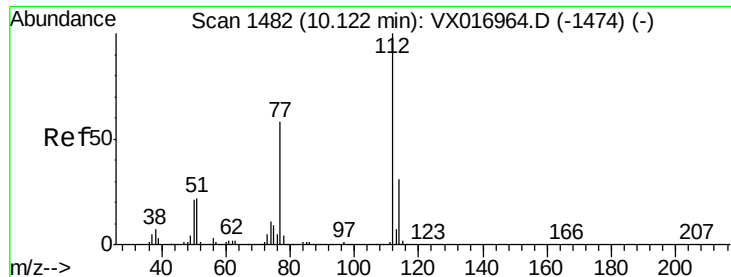
MMDadoda
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#64
Tetrachloroethene
Concen: 70.696 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	232910		
166	129.7	104.2	156.4	
129	96.7	79.3	118.9	
131	96.1	74.9	112.3	





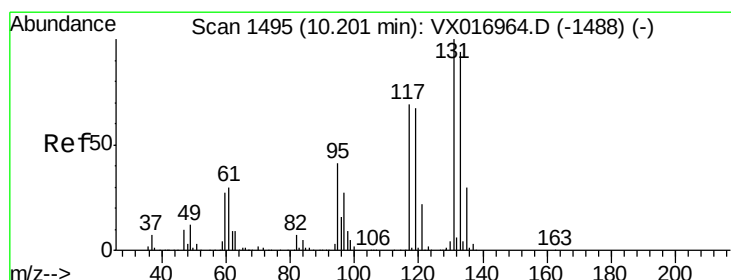
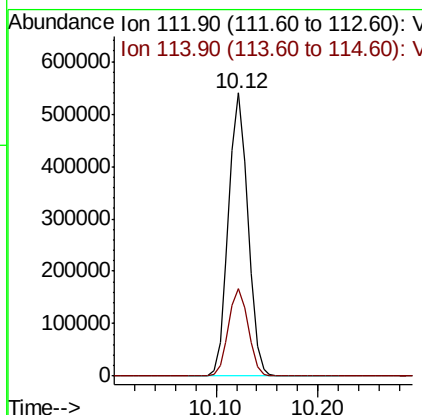
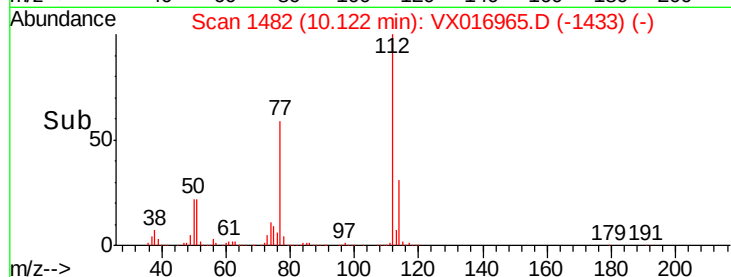
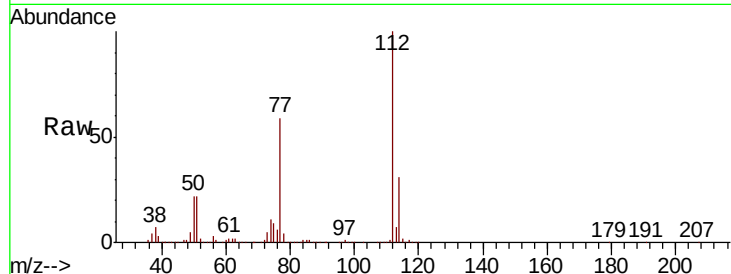
#65
Chlorobenzene
Concen: 102.297 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
112	100	711455		
114	30.9	24.8	37.2	

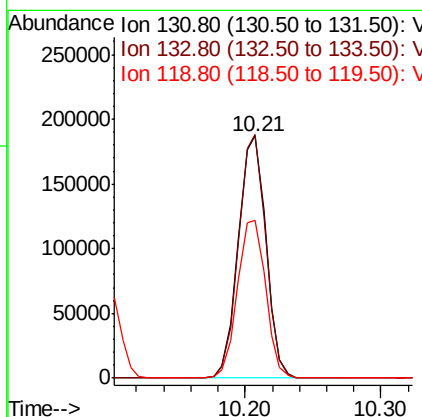
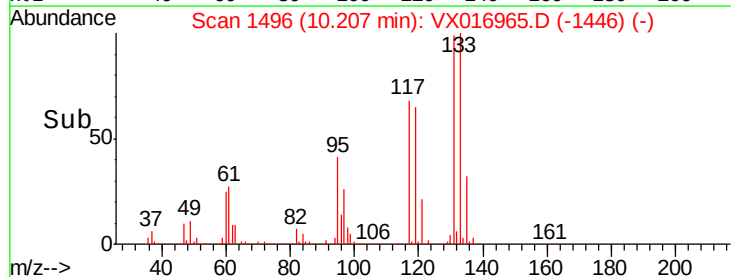
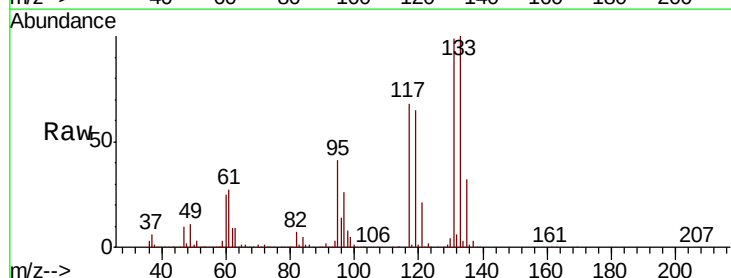
Manual Integrations
APPROVED

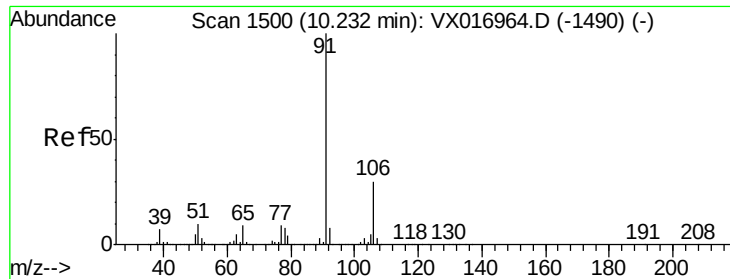
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 106.547 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	265653		
133	98.6	48.0	144.0	
119	66.4	32.8	98.4	





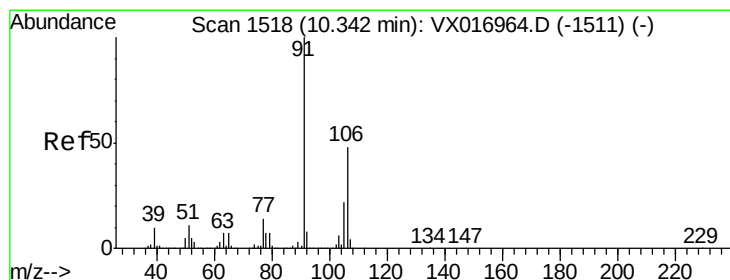
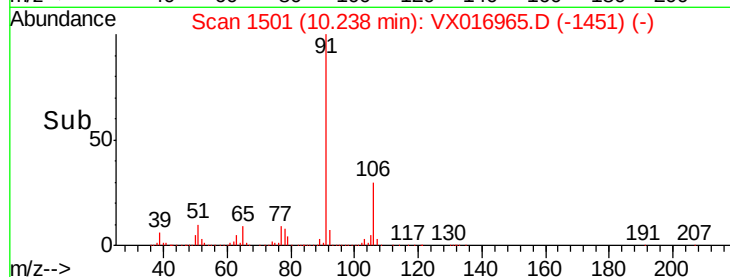
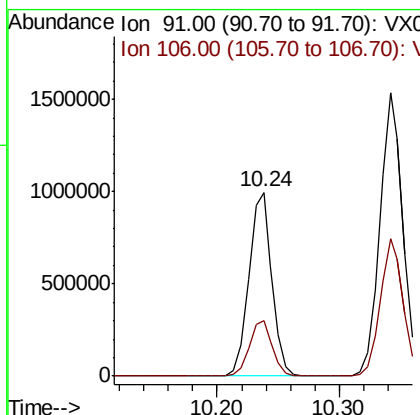
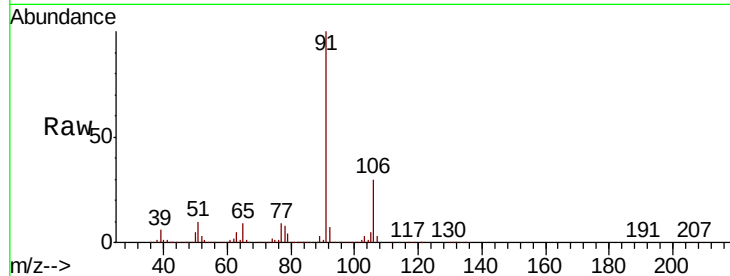
#67
Ethyl Benzene
Concen: 100.959 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1293847
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

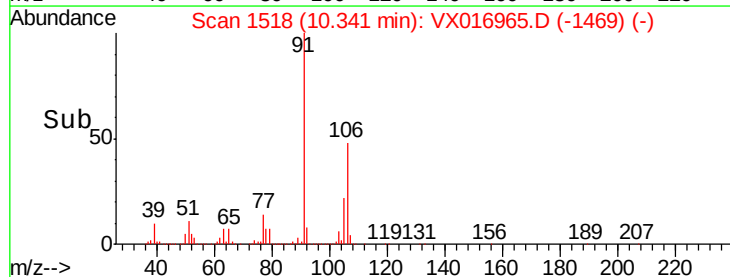
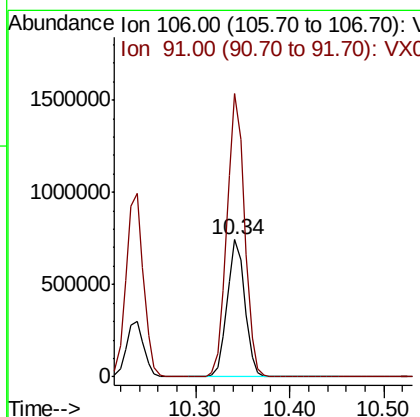
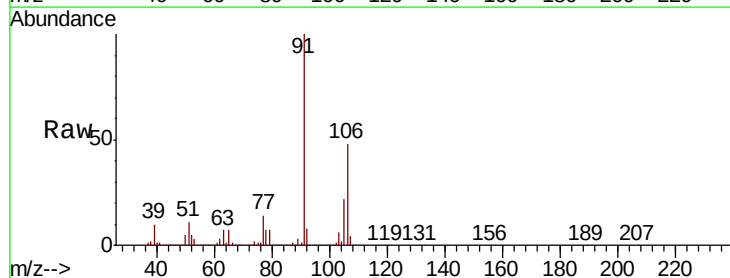
Manual Integrations
APPROVED

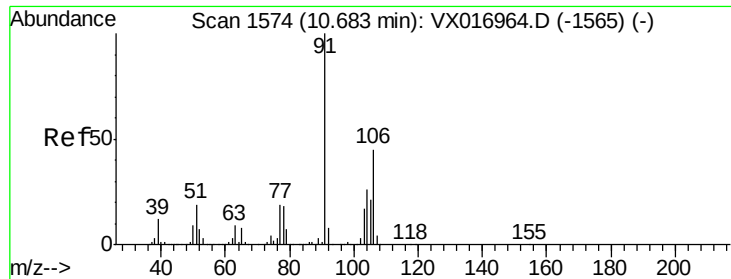
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#68
m/p-Xylenes
Concen: 205.810 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion: 106 Resp: 968897
Ion Ratio Lower Upper
106 100
91 206.3 164.1 246.1





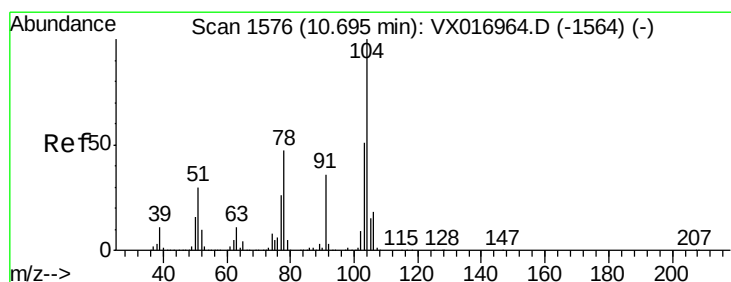
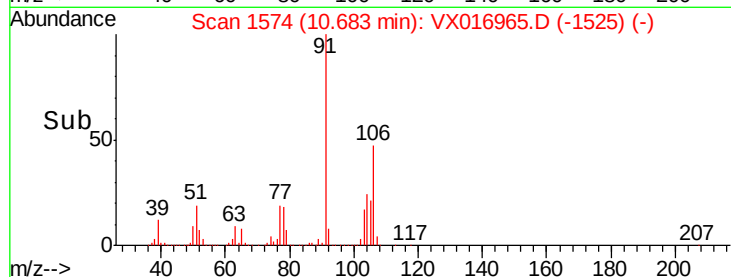
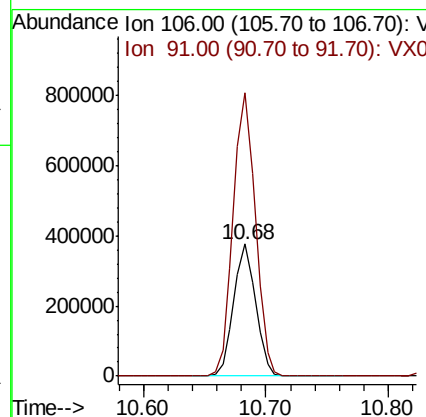
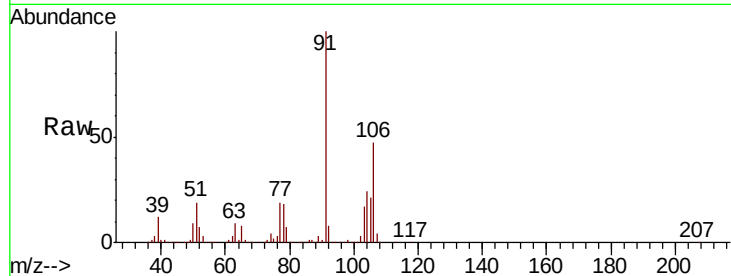
#69
o-Xylene
Concen: 101.998 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
106	100	466893		
91	217.7	109.1	327.2	

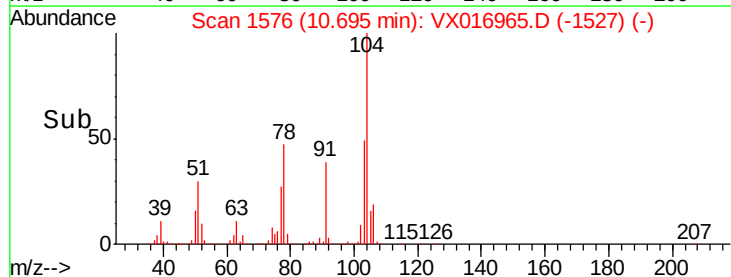
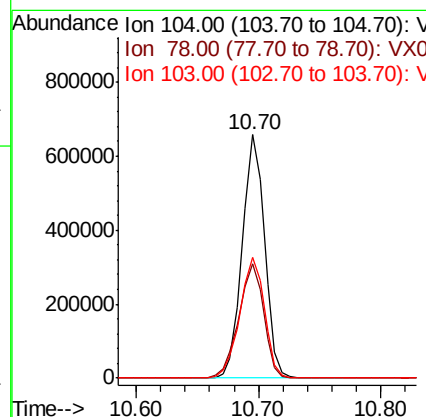
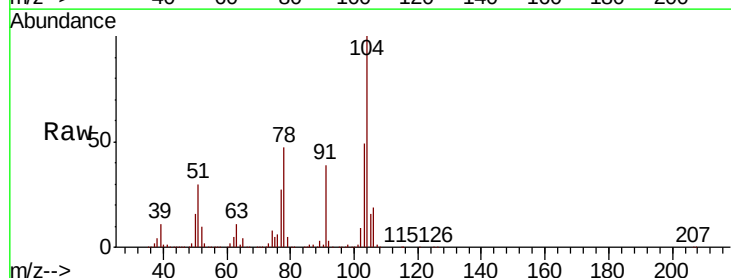
Manual Integrations
APPROVED

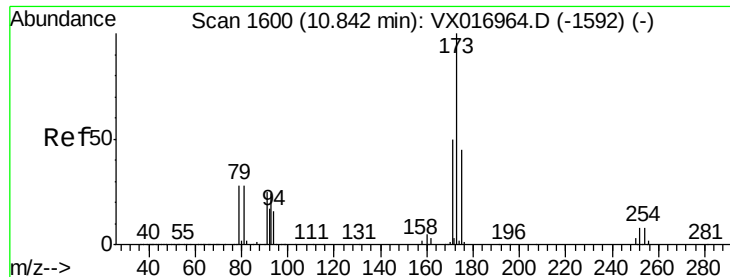
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#70
Styrene
Concen: 105.100 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	827958		
78	52.4	41.9	62.9	
103	54.6	43.9	65.9	





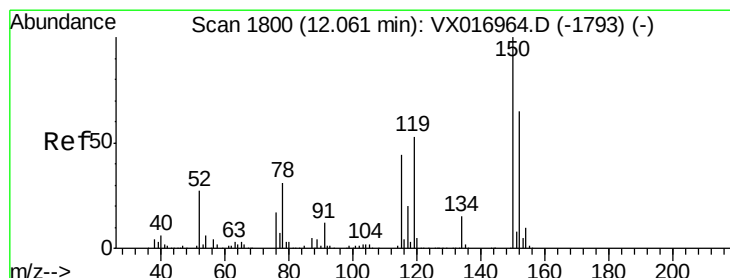
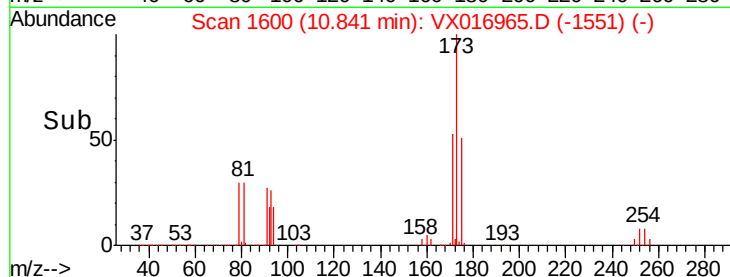
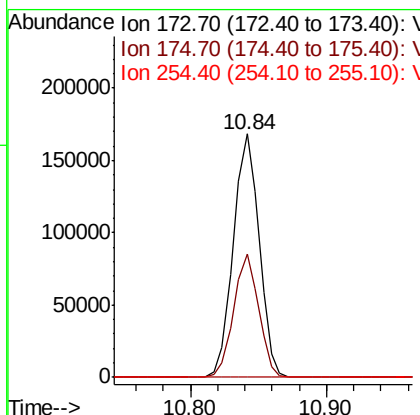
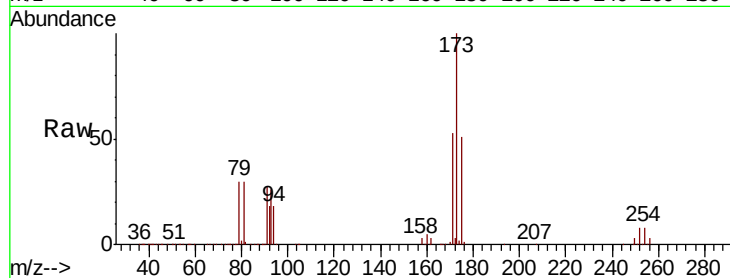
#71
Bromoform
Concen: 127.679 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.4	70.2
254	0.1	0.0	0.0#

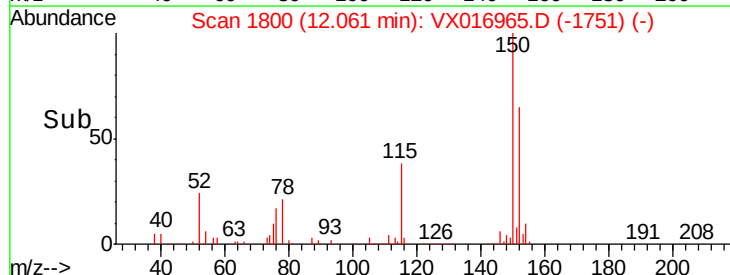
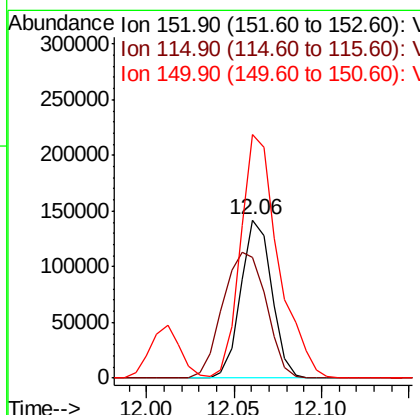
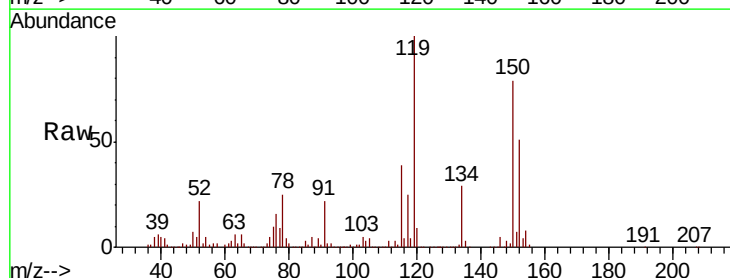
Manual Integrations
APPROVED

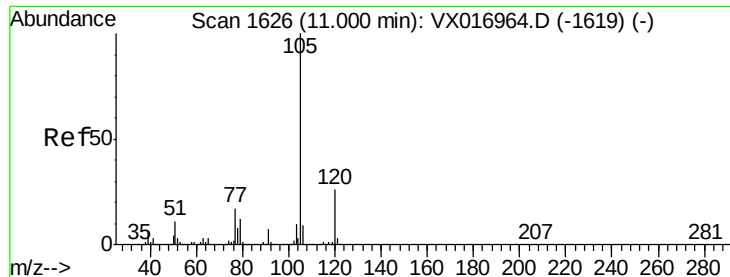
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	111.1	42.8	128.4
150	187.8	0.0	347.8





#73

Isopropylbenzene

Concen: 98.574 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 1266629

Ion Ratio Lower Upper

105 100

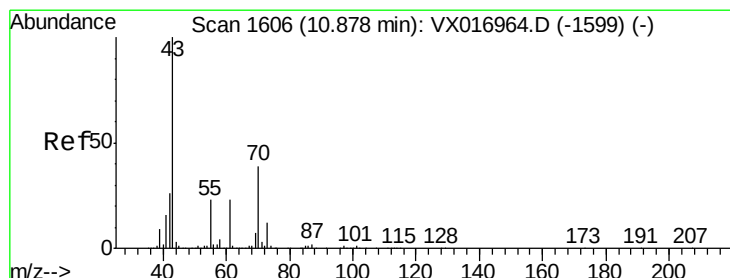
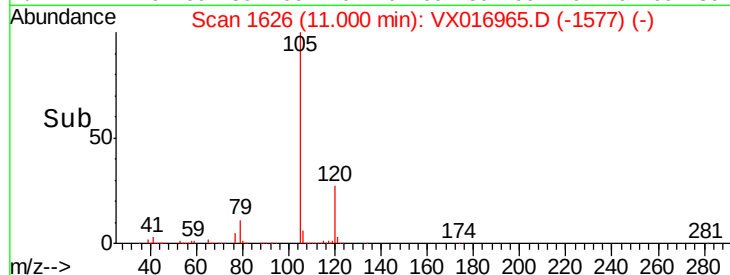
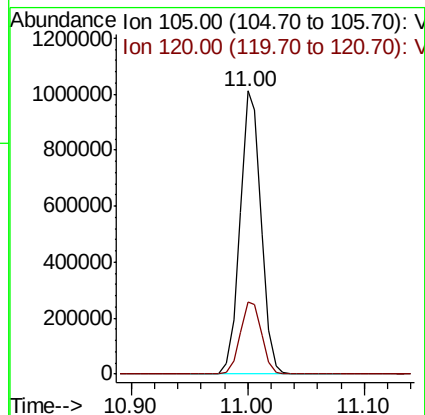
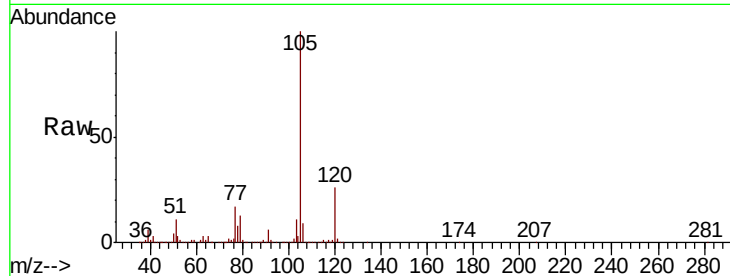
120 26.2 13.1 39.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 109.195 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion: 43 Resp: 620089

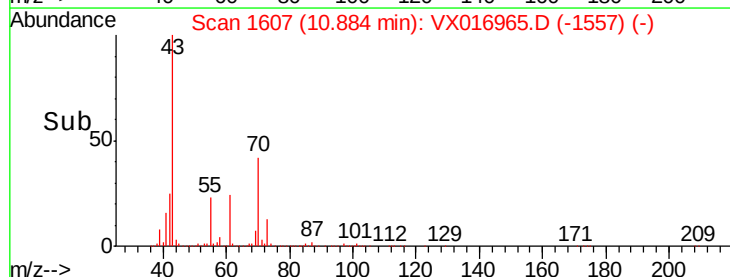
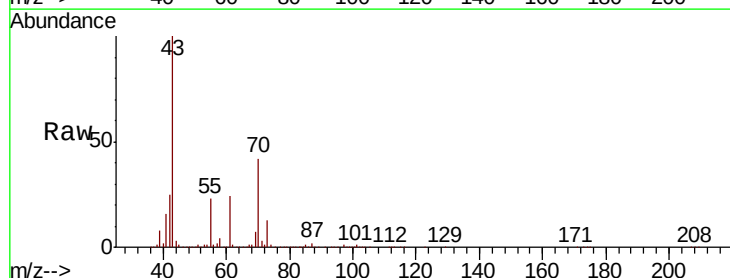
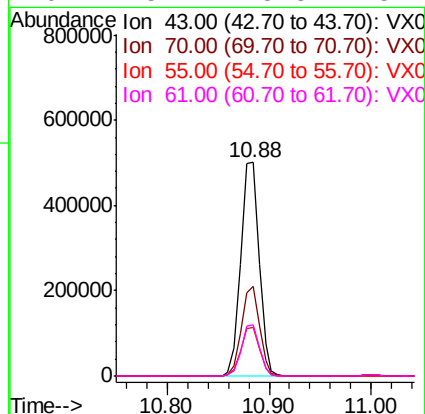
Ion Ratio Lower Upper

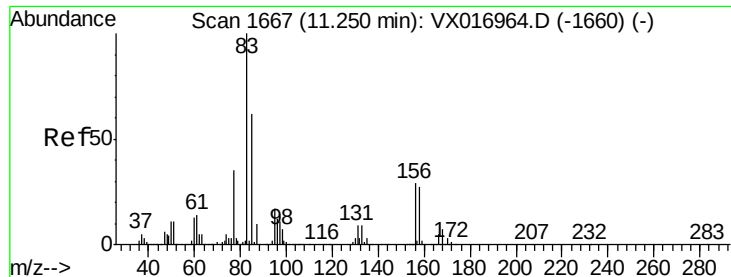
43 100

70 41.0 32.1 48.1

55 22.8 18.6 28.0

61 23.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 128.651 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

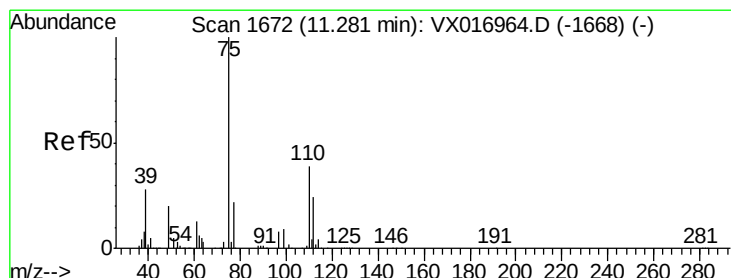
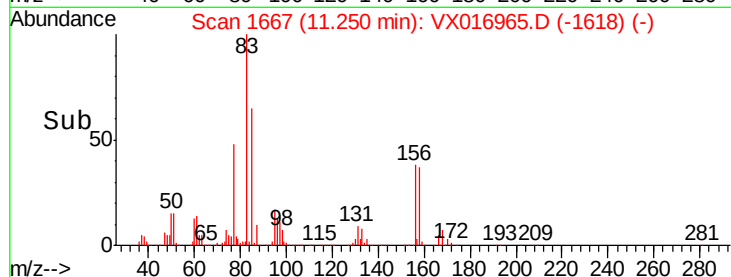
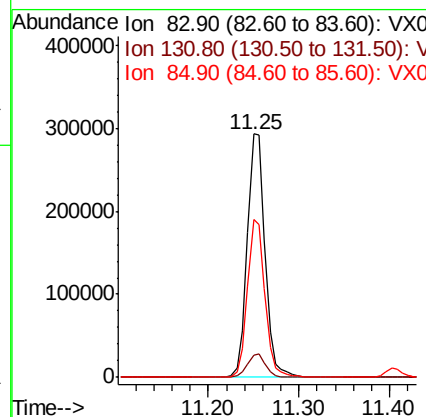
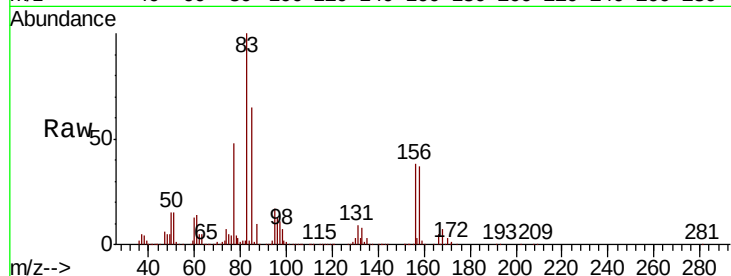
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	397884
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 98.707 ug/l m

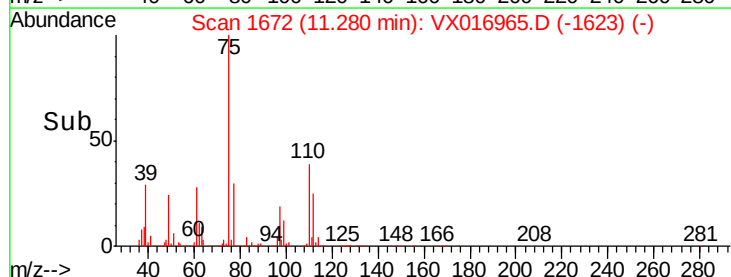
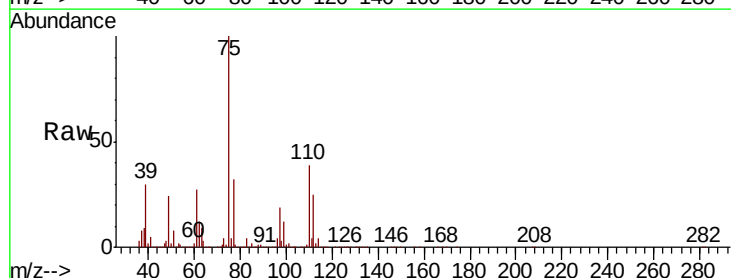
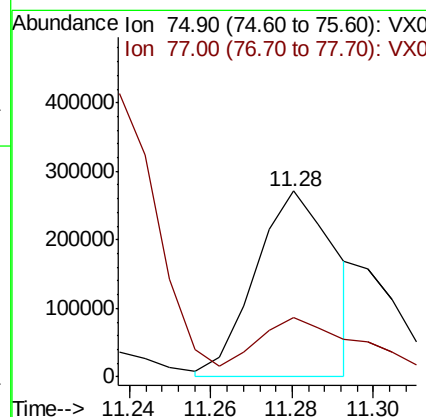
RT: 11.28 min Scan# 1672

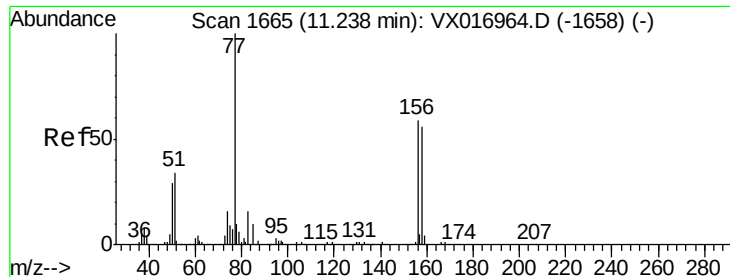
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	75	Resp:	369825
Ion Ratio	Lower	Upper	
75	100		
77	42.2	20.3	61.0





#77

Bromobenzene

Concen: 104.560 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

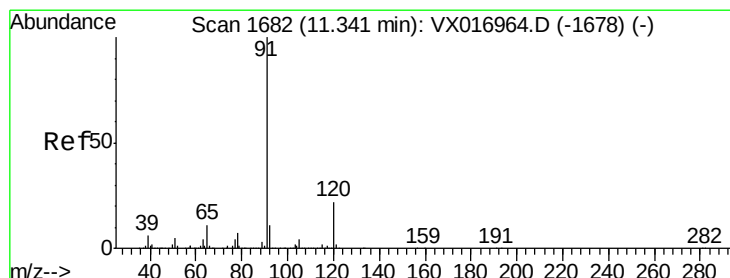
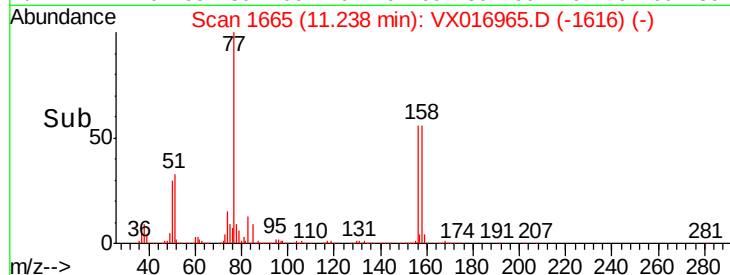
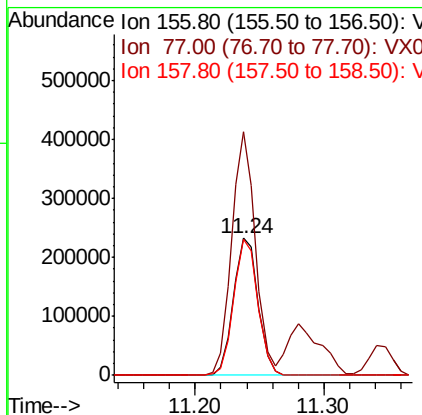
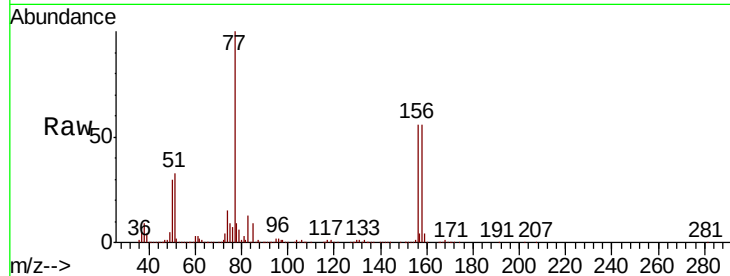
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.1	85.2	255.6
158	97.5	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 99.852 ug/l

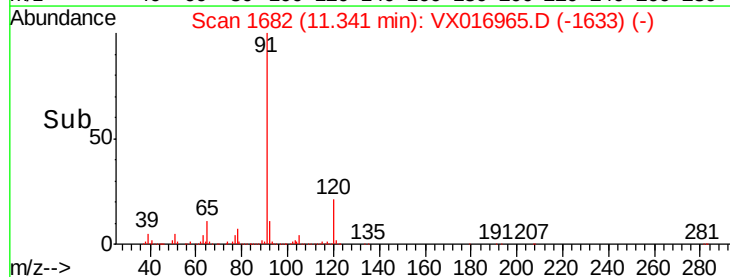
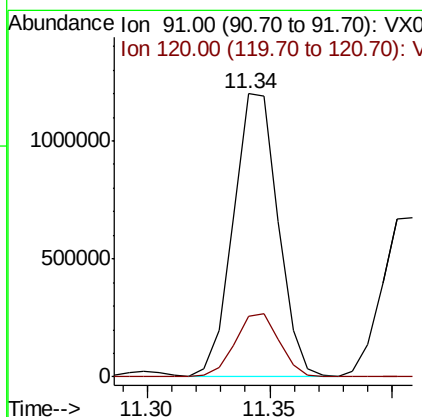
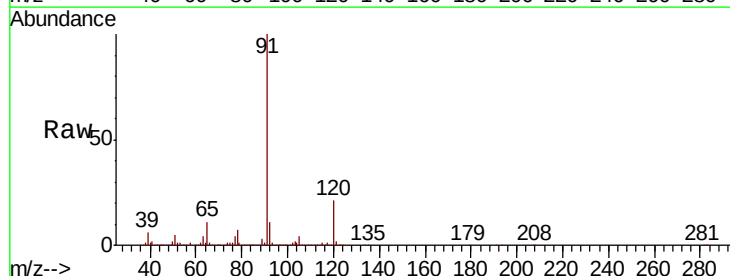
RT: 11.34 min Scan# 1682

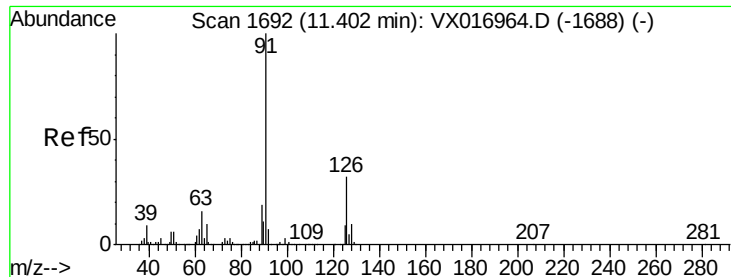
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 98.599 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 882405

Ion Ratio Lower Upper

91 100

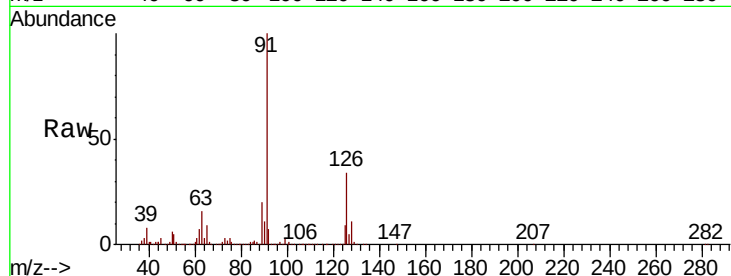
126 33.2 16.6 49.8

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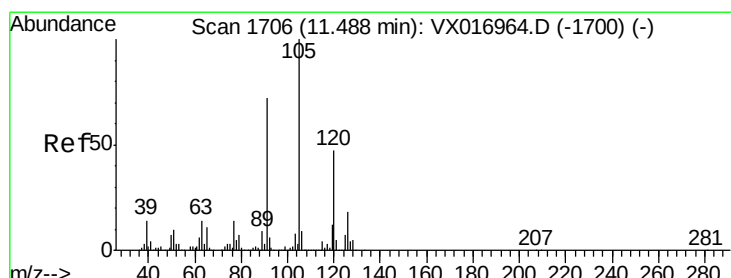
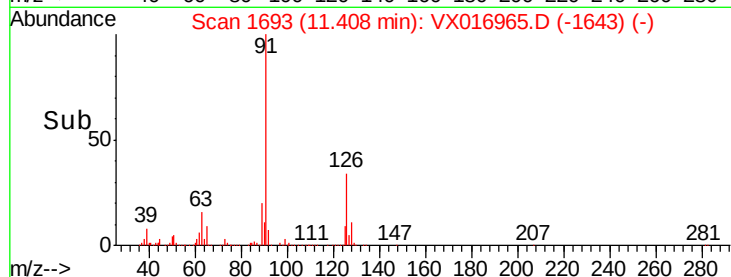
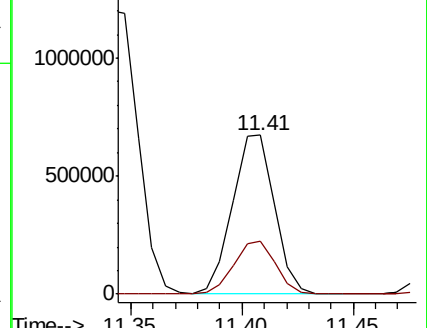
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Abundance Ion 91.00 (90.70 to 91.70): VX016964.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016964.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 98.965 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016965.D

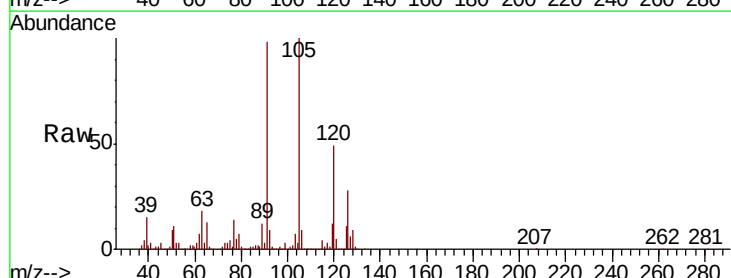
Acq: 25 Jun 2020 20:22

Tgt Ion: 105 Resp: 1079215

Ion Ratio Lower Upper

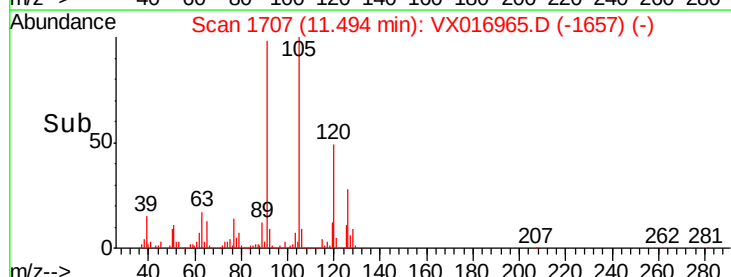
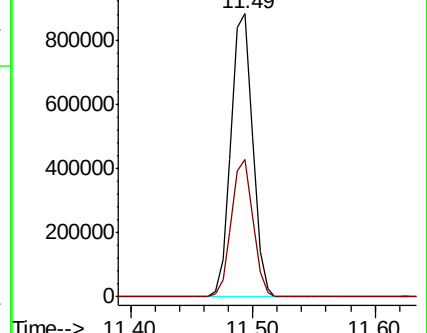
105 100

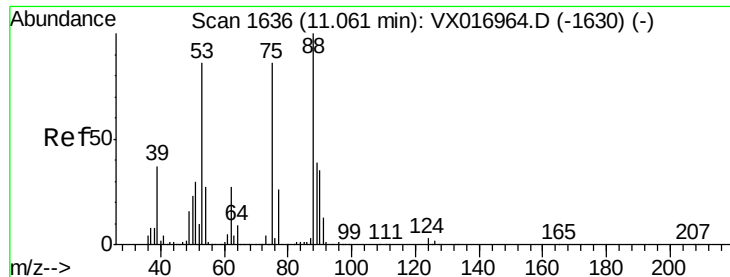
120 48.3 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016964.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016964.D (-1700) (-)





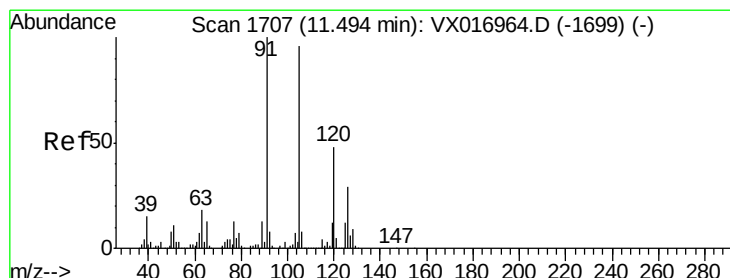
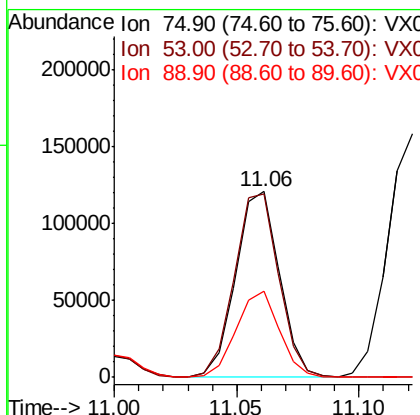
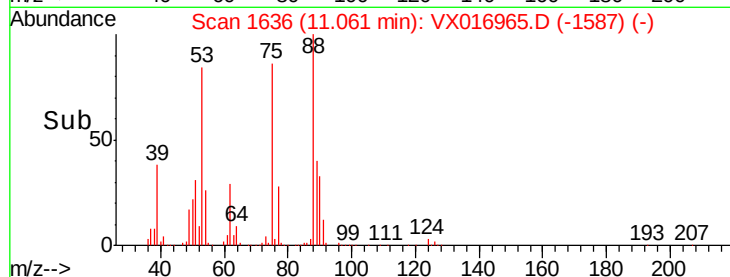
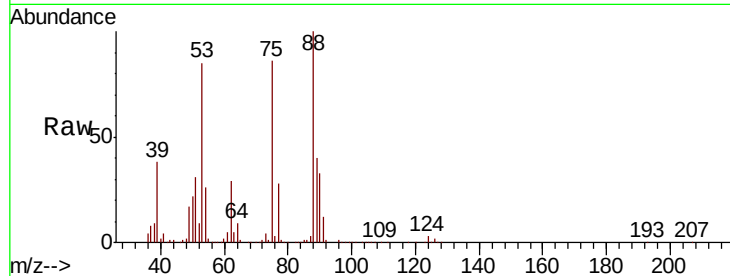
#81
trans-1,4-Dichloro-2-butene
Concen: 92.225 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	81.9	122.9
89	46.1	35.5	53.3

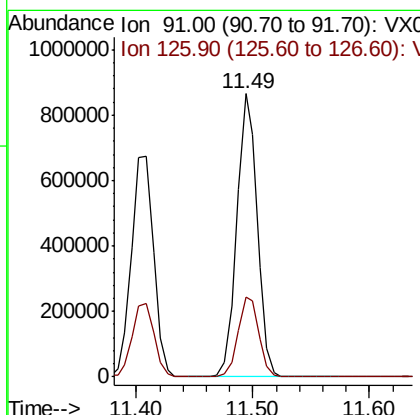
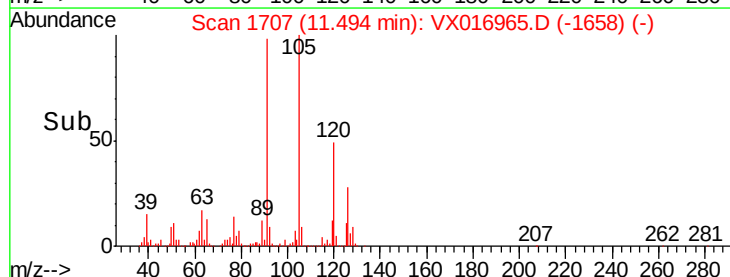
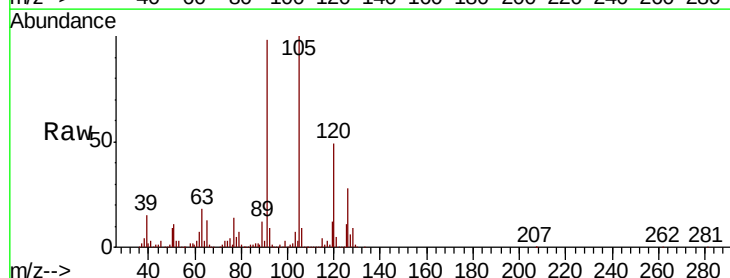
Manual Integrations
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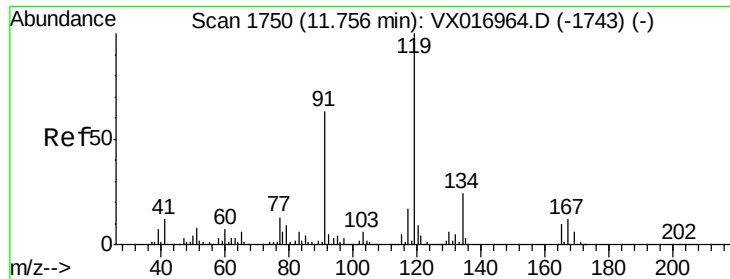
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#82
4-Chlorotoluene
Concen: 98.886 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.6	44.0





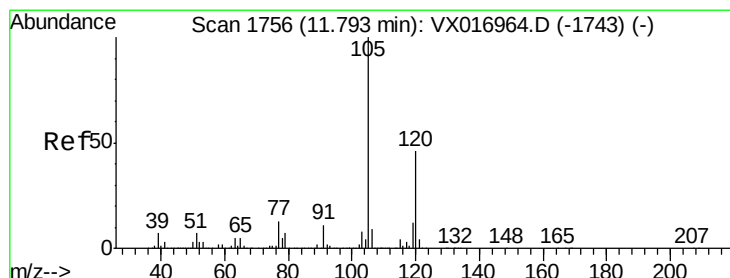
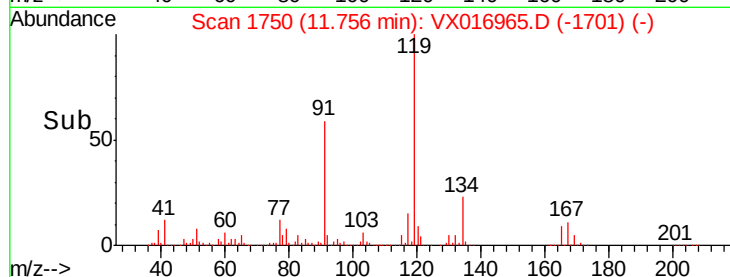
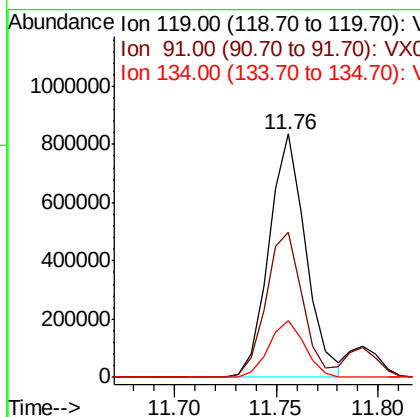
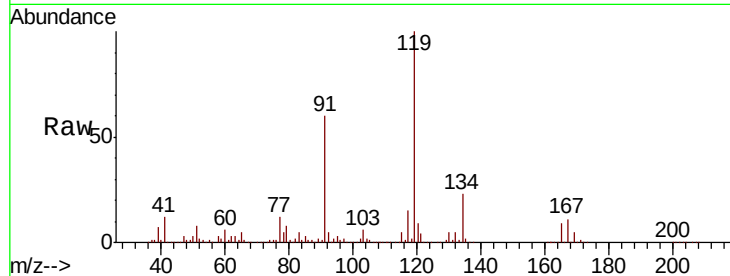
#83
 tert-Butylbenzene
 Concen: 111.441 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	30.0	90.0
134	23.0	11.8	35.3

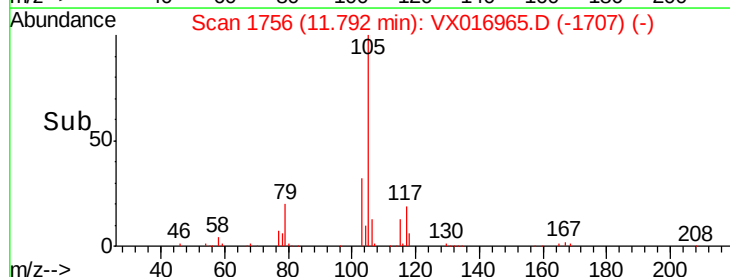
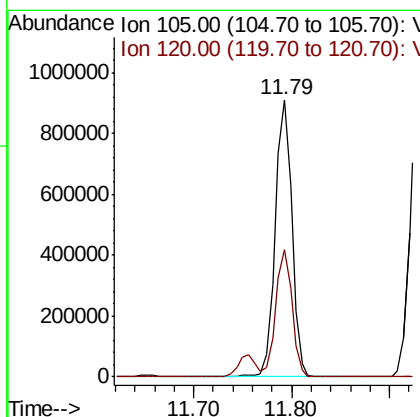
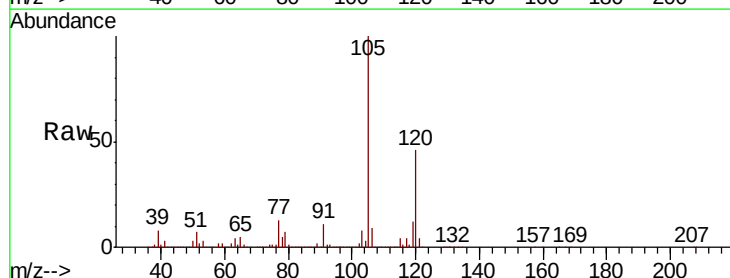
Manual Integrations
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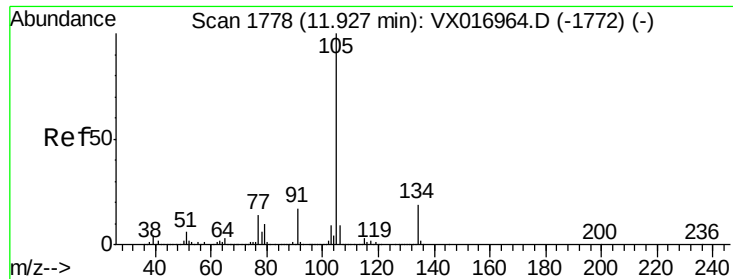
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#84
 1,2,4-Trimethylbenzene
 Concen: 96.272 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3





#85

sec-Butylbenzene

Concen: 98.885 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 1242316

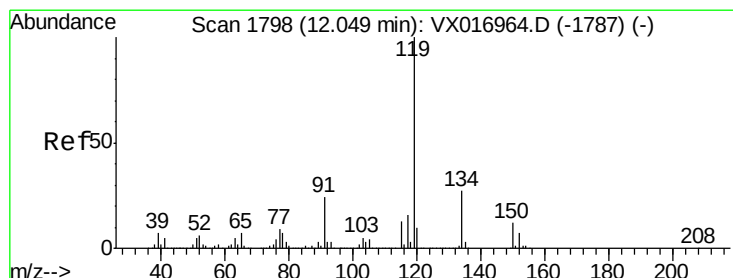
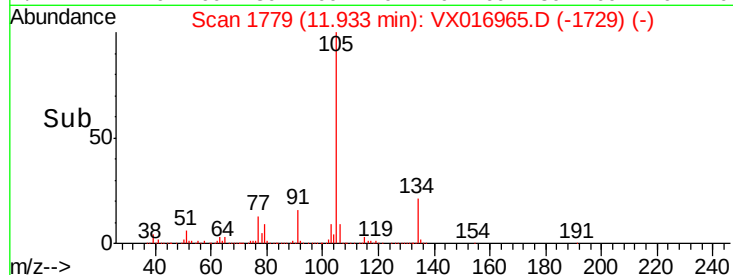
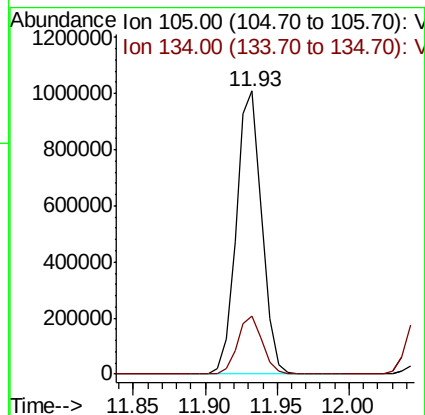
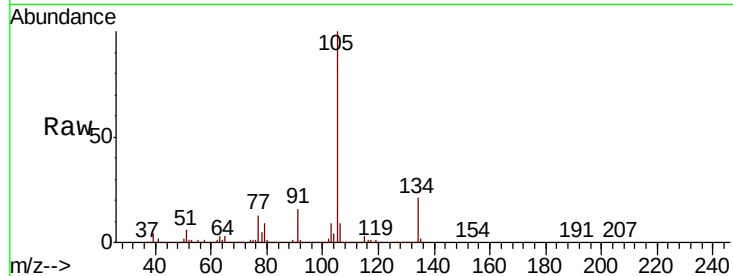
Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 99.035 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

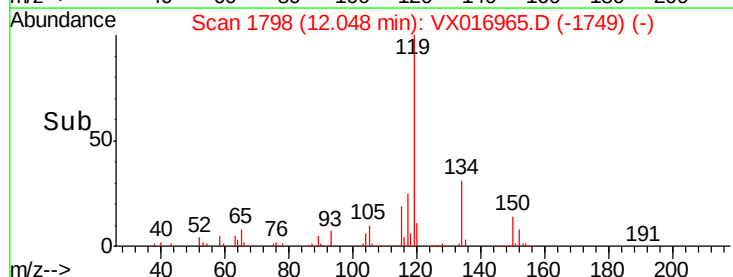
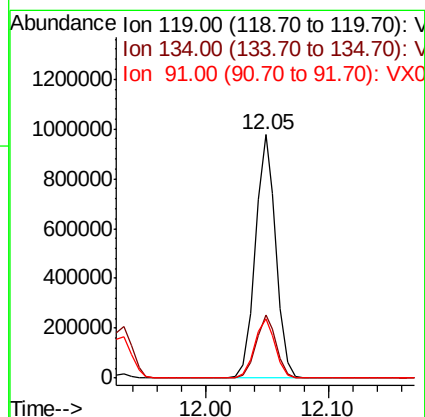
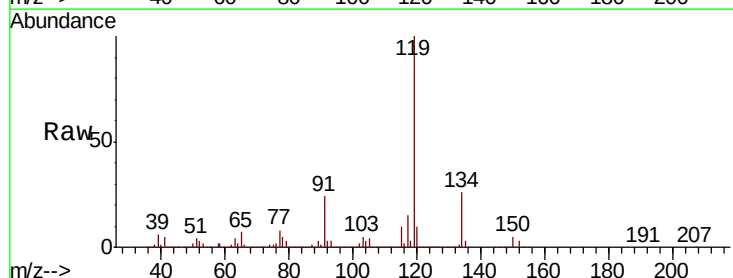
Tgt Ion:119 Resp: 1135894

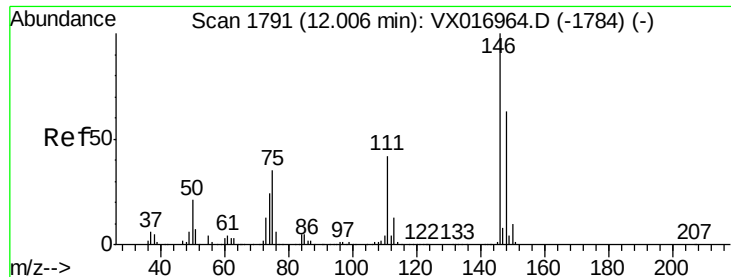
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.7 12.4 37.4





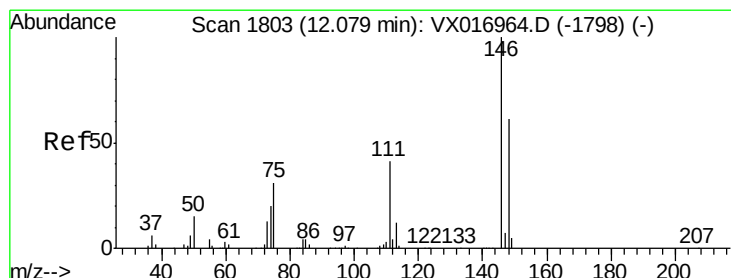
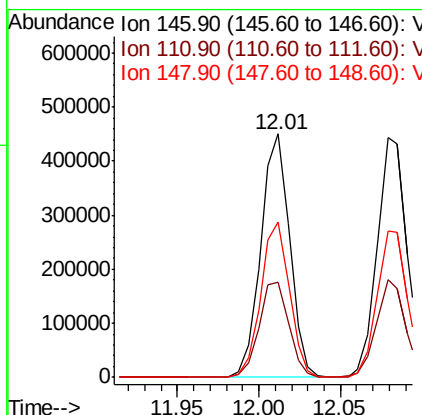
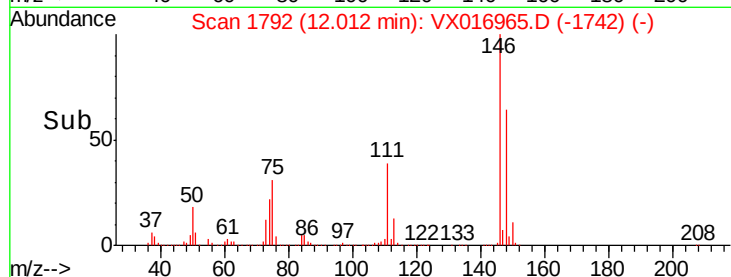
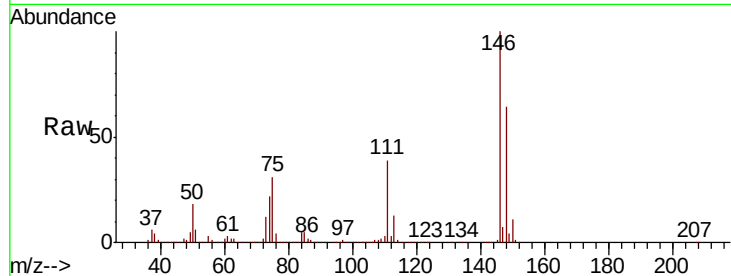
#87
 1,3-Dichlorobenzene
 Concen: 101.415 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	40.8	20.3	60.9
148	63.5	32.1	96.3

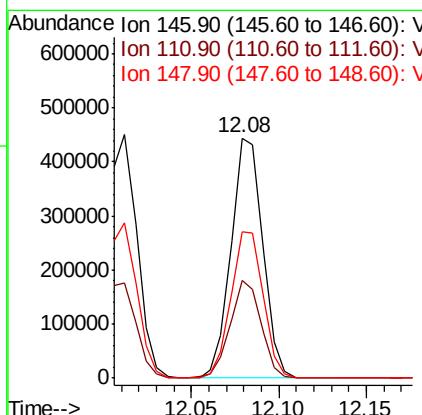
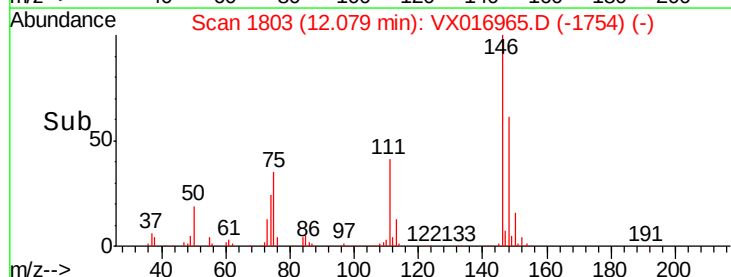
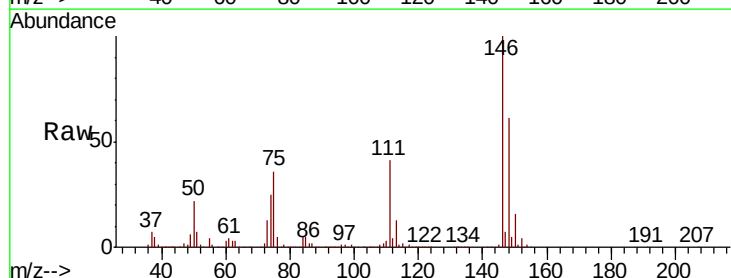
Manual Integrations
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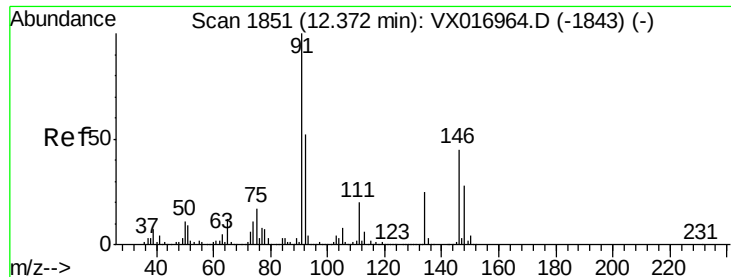
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#88
 1,4-Dichlorobenzene
 Concen: 99.991 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016965.D
 Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	39.7	19.9	59.7
148	62.3	31.3	93.9





#89

n-Butylbenzene

Concen: 96.430 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1037598

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

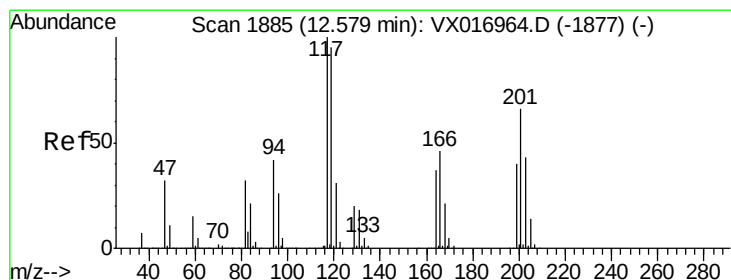
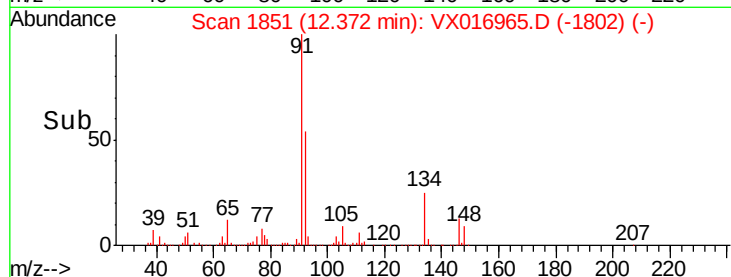
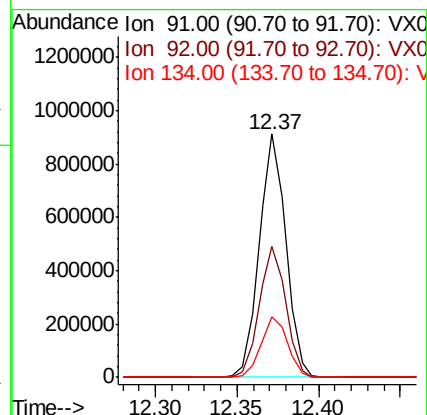
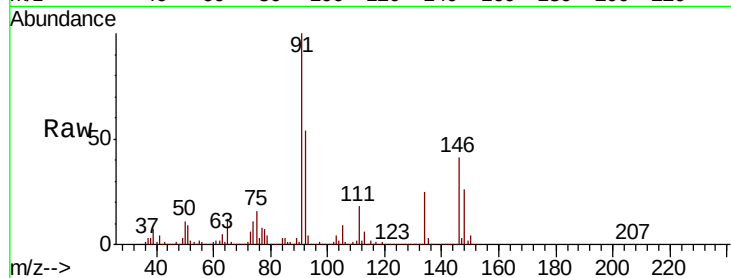
134 25.0 12.6 37.8

Manual Integrations

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#90

Hexachloroethane

Concen: 118.436 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016965.D

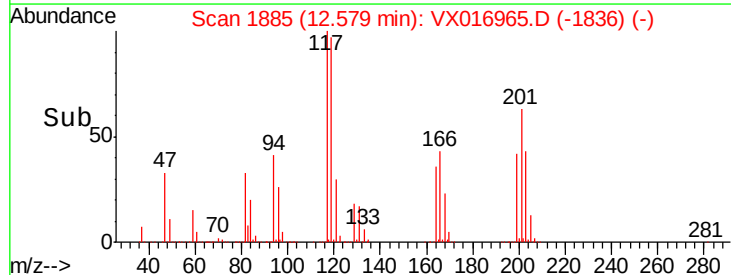
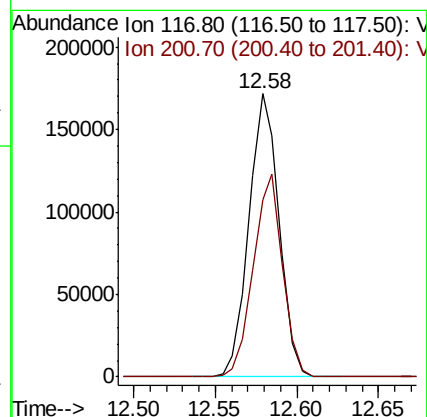
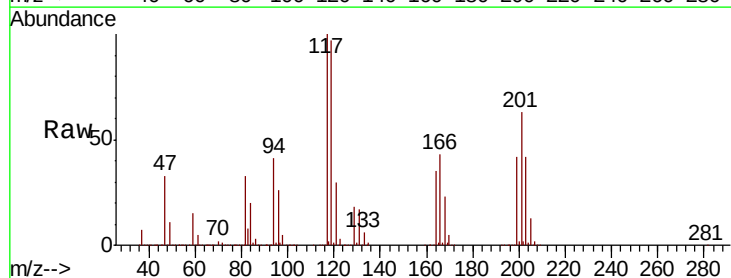
Acq: 25 Jun 2020 20:22

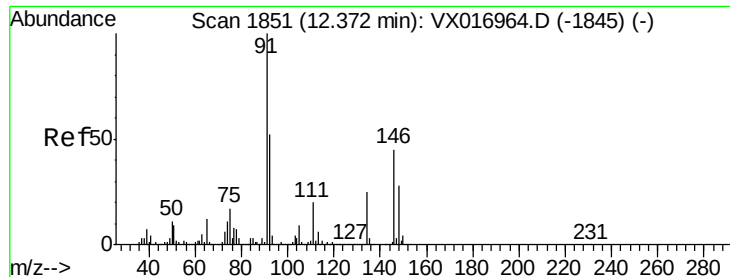
Tgt Ion: 117 Resp: 221062

Ion Ratio Lower Upper

117 100

201 69.5 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 99.332 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Instrument :

MSVOA_X

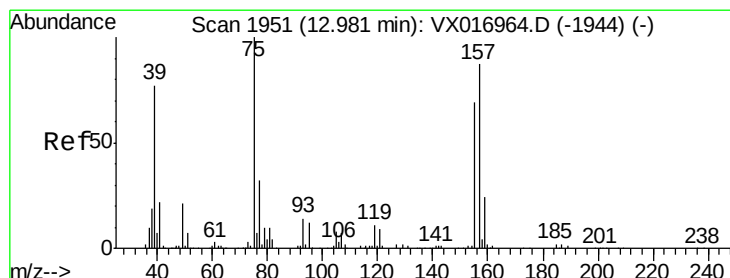
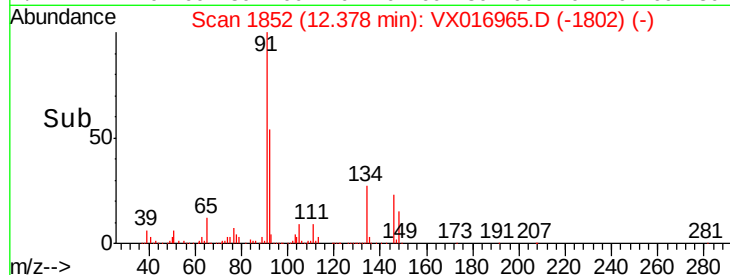
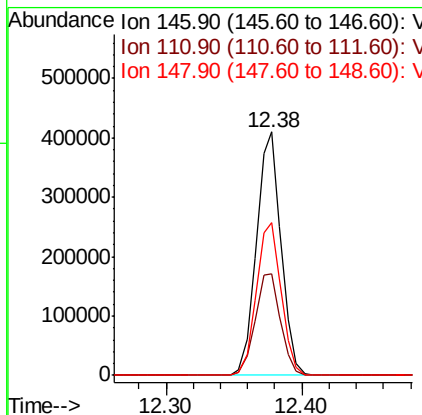
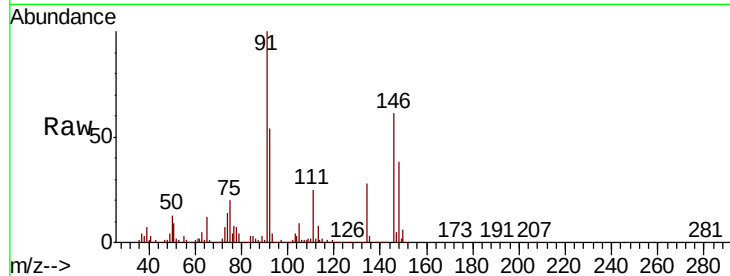
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	520235
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.6	64.6
148	63.6	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 99.474 ug/l

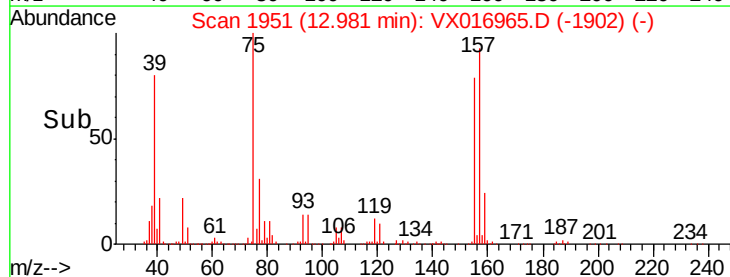
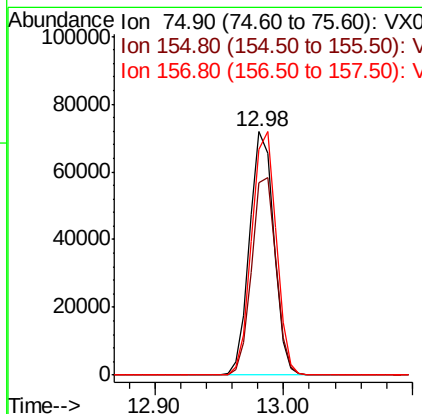
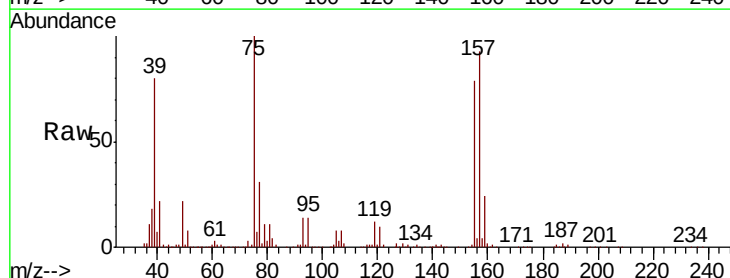
RT: 12.98 min Scan# 1951

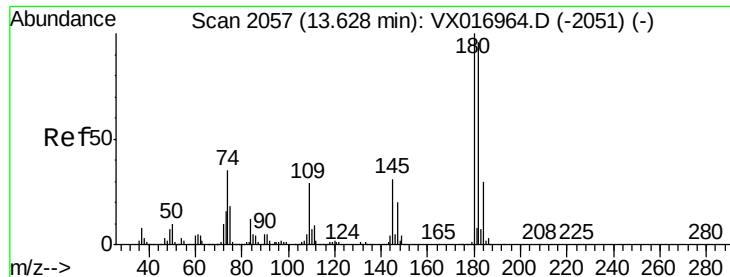
Delta R.T. -0.00 min

Lab File: VX016965.D

Acq: 25 Jun 2020 20:22

Tgt Ion:	75	Resp:	92718
Ion Ratio	Lower	Upper	
75	100		
155	81.0	39.0	117.0
157	100.6	50.0	150.1





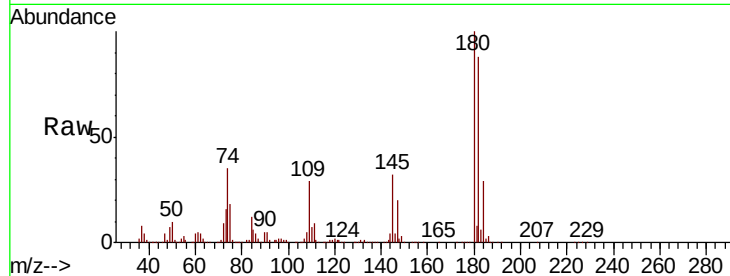
#93
1,2,4-Trichlorobenzene
Concen: 104.194 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.0	46.4	139.1	
145	31.5	15.5	46.5	

Manual Integrations
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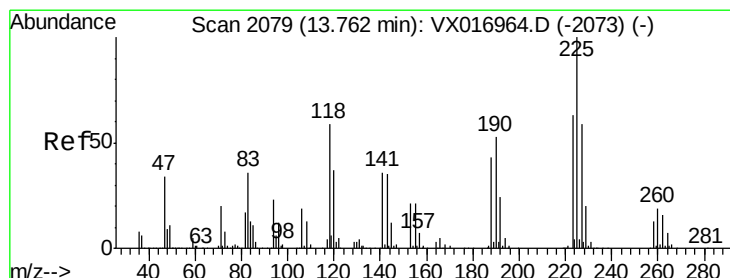
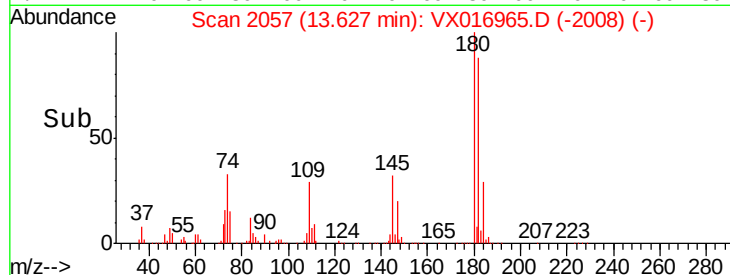
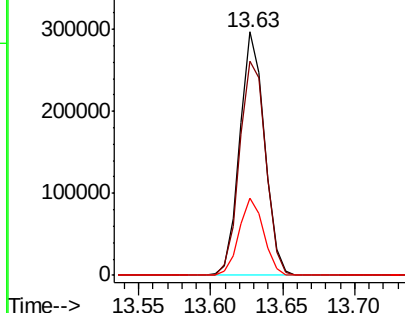


Abundance

Ion 179.80 (179.50 to 180.50): V

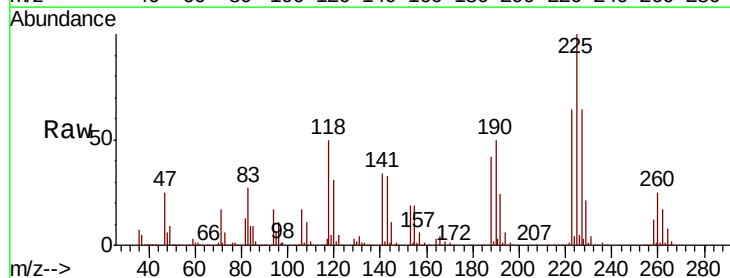
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 103.234 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.1	93.2	
227	63.7	30.3	90.9	

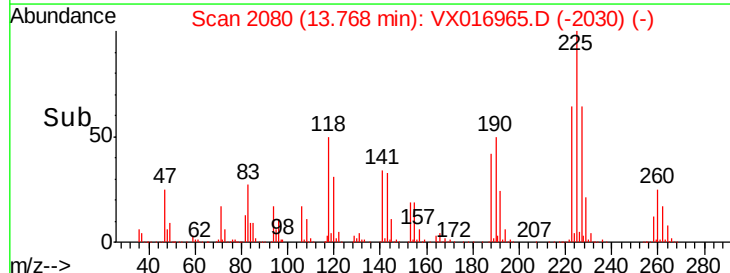
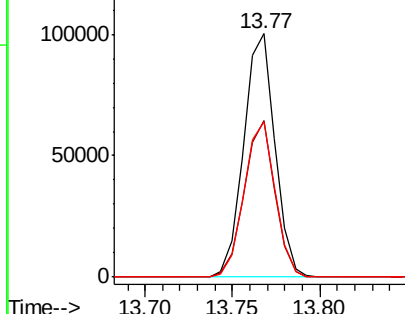


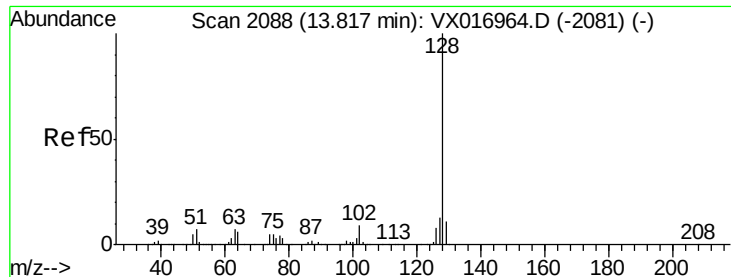
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





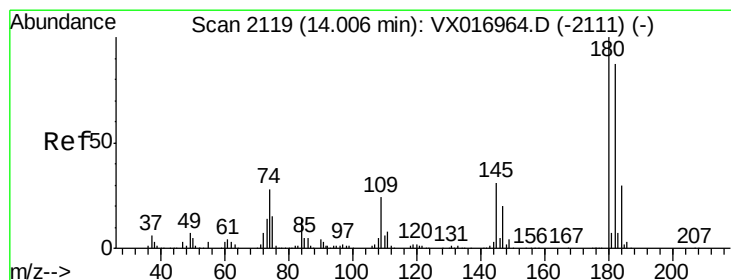
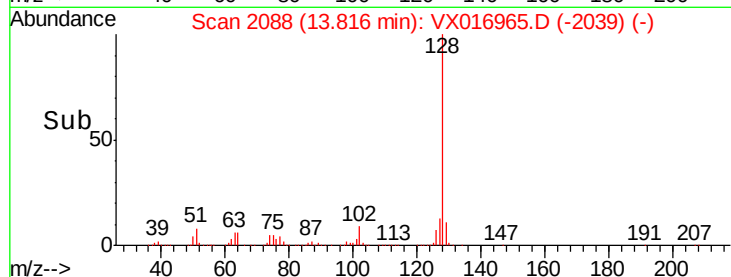
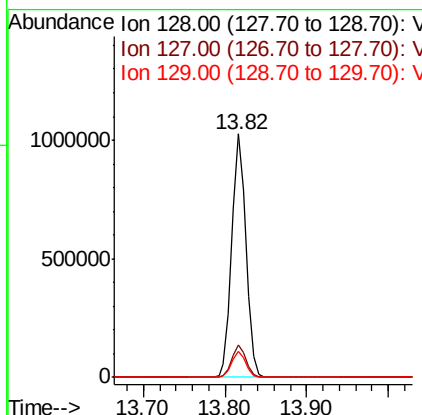
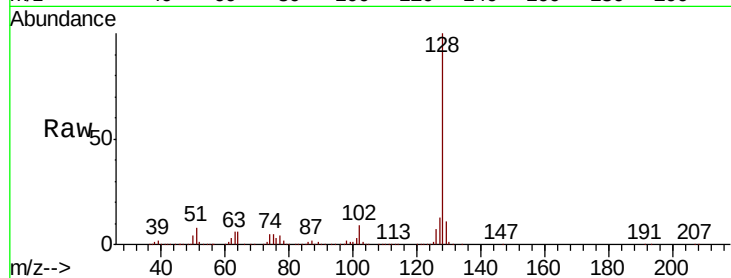
#95
Naphthalene
Concen: 99.583 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 108.217 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016965.D
Acq: 25 Jun 2020 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.8	143.3
145	32.7	16.9	50.6

