

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011866.D
 Acq On : 27 Aug 2019 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/28/2019 11:44:15 AM

Quant Time: Aug 28 04:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	337051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	486703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	196692	58.09	ug/l	0.00
Spiked Amount			Recovery	=	116.18%	
35) Dibromofluoromethane	5.49	113	162787	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
50) Toluene-d8	8.71	98	587881	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	11.13	95	228315	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	160088	50.892	ug/l	99
3) Chloromethane	1.32	50	148661	53.889	ug/l	99
4) Vinyl Chloride	1.40	62	143770	52.134	ug/l	99
5) Bromomethane	1.63	94	70256	46.245	ug/l	98
6) Chloroethane	1.71	64	79835	49.514	ug/l	97
7) Trichlorofluoromethane	1.92	101	221673	50.489	ug/l	99
8) Diethyl Ether	2.18	74	75214	50.380	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131787	48.507	ug/l	97
10) Methyl Iodide	2.50	142	175354	52.842	ug/l	98
11) Tert butyl alcohol	3.04	59	232565	347.597	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133003	50.205	ug/l	95
13) Acrolein	2.29	56	61046	236.035	ug/l	98
14) Allyl chloride	2.72	41	269153	65.003	ug/l	97
15) Acrylonitrile	3.14	53	440289	287.707	ug/l	99
16) Acetone	2.43	43	388340	263.661	ug/l	100
17) Carbon Disulfide	2.56	76	364694	54.447	ug/l	100
18) Methyl Acetate	2.76	43	259888	65.027	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	490376	57.706	ug/l	97
20) Methylene Chloride	2.85	84	146562	48.672	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	140623	49.213	ug/l	91
22) Diisopropyl ether	3.85	45	499721	62.238	ug/l	97
23) Vinyl Acetate	3.81	43	2120490	318.973	ug/l	97
24) 1,1-Dichloroethane	3.69	63	264316	55.755	ug/l	100
25) 2-Butanone	4.67	43	639639	302.557	ug/l	96
26) 2,2-Dichloropropane	4.57	77	208947	51.901	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	164866	50.312	ug/l	94
28) Bromochloromethane	5.01	49	140600	65.336	ug/l	86
29) Tetrahydrofuran	5.12	42	415521	306.613	ug/l	94
30) Chloroform	5.20	83	268569	52.218	ug/l	99
31) Cyclohexane	5.57	56	241060	57.900	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	252367	56.447	ug/l	98
36) 1,1-Dichloropropene	5.79	75	197333	51.704	ug/l	98
37) Ethyl Acetate	4.82	43	247070	61.173	ug/l	97
38) Carbon Tetrachloride	5.78	117	229345	53.023	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237602	50.238	ug/l	93
40) Benzene	6.13	78	584795	49.532	ug/l	100
41) Methacrylonitrile	5.03	41	137478	58.527	ug/l	95
42) 1,2-Dichloroethane	6.18	62	218231	50.564	ug/l	100
43) Isopropyl Acetate	6.43	43	409064	62.576	ug/l	97
44) Trichloroethene	7.21	130	169046	46.448	ug/l	96
45) 1,2-Dichloropropane	7.51	63	153704	51.794	ug/l	99
46) Dibromomethane	7.65	93	105882	48.394	ug/l	96
47) Bromodichloromethane	7.89	83	222424	56.474	ug/l	99
48) Methyl methacrylate	7.76	41	199031	61.178	ug/l	92
49) 1,4-Dioxane	7.73	88	85344	946.804	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	1239259	287.700	ug/l	98
52) Toluene	8.78	92	373516	48.888	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	246839	59.701	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	259442	57.519	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	153655	48.272	ug/l	99
56) Ethyl methacrylate	9.17	69	263258	58.154	ug/l	90
57) 1,3-Dichloropropane	9.37	76	258450	50.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	677870	284.659	ug/l	98
59) 2-Hexanone	9.49	43	958605	289.950	ug/l	97
60) Dibromochloromethane	9.58	129	190748	55.424	ug/l	100
61) 1,2-Dibromoethane	9.67	107	168003	49.189	ug/l	99
64) Tetrachloroethene	9.34	164	161984	46.142	ug/l	98
65) Chlorobenzene	10.13	112	408330	47.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	171317	53.223	ug/l	100
67) Ethyl Benzene	10.25	91	723280	50.379	ug/l	100
68) m/p-Xylenes	10.35	106	551309	99.591	ug/l	99
69) o-Xylene	10.69	106	270525	49.774	ug/l	100
70) Styrene	10.71	104	467405	51.408	ug/l	98
71) Bromoform	10.85	173	165259	59.515	ug/l #	99
73) Isopropylbenzene	11.01	105	724005	50.662	ug/l	99
74) N-amyl acetate	10.89	43	360805	65.212	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	241502	51.054	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	224969m	54.065	ug/l	
77) Bromobenzene	11.25	156	202418	48.045	ug/l	94
78) n-propylbenzene	11.35	91	802518	52.517	ug/l	98
79) 2-Chlorotoluene	11.41	91	483153	50.821	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	613868	51.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88801	64.359	ug/l	98
82) 4-Chlorotoluene	11.51	91	565873	51.638	ug/l	97
83) tert-Butylbenzene	11.77	119	629424	53.503	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	625178	51.920	ug/l	98
85) sec-Butylbenzene	11.94	105	710057	52.765	ug/l	100
86) p-Isopropyltoluene	12.06	119	668804	51.654	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	353030	48.659	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	350563	47.759	ug/l	98
89) n-Butylbenzene	12.38	91	562837	52.511	ug/l	98
90) Hexachloroethane	12.59	117	134444	66.837	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	346647	47.371	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	65415	59.493	ug/l	92

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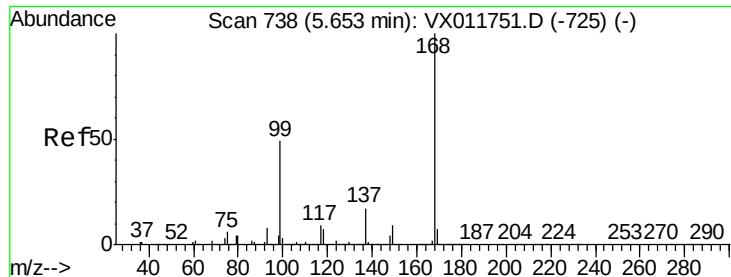
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	268691	49.918	ug/l	98
94) Hexachlorobutadiene	13.78	225	141791	48.073	ug/l	98
95) Naphthalene	13.83	128	809188	54.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273619	50.626	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 337051

Ion Ratio Lower Upper

168 100

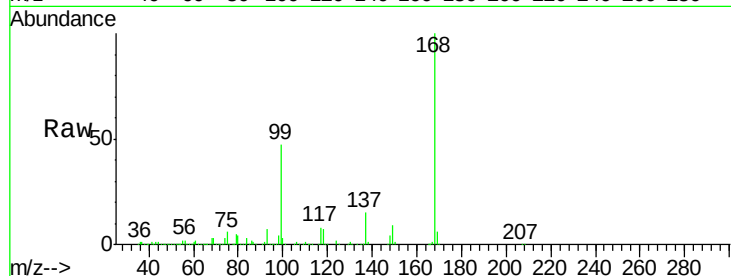
99 47.1 39.4 59.2

Manual Integrations

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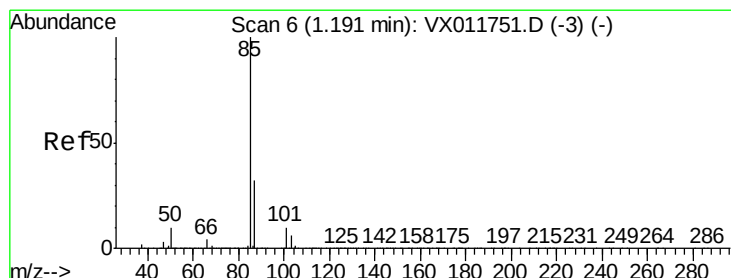
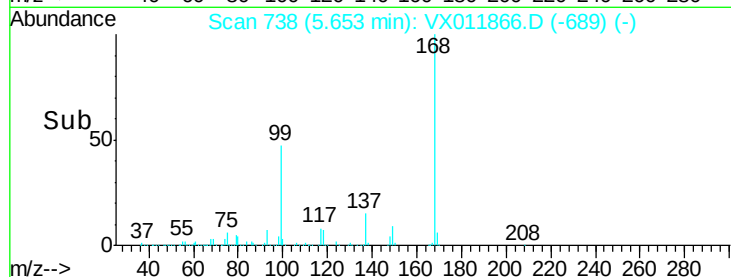
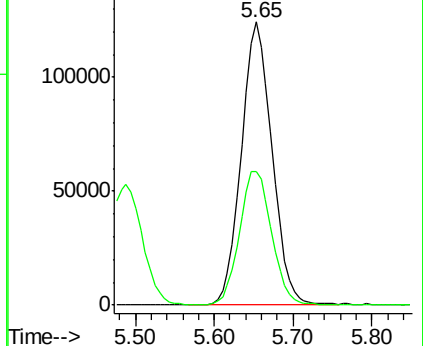
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.892 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011866.D

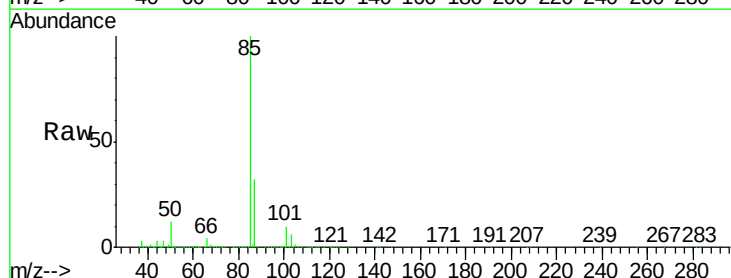
Acq: 27 Aug 2019 21:32

Tgt Ion: 85 Resp: 160088

Ion Ratio Lower Upper

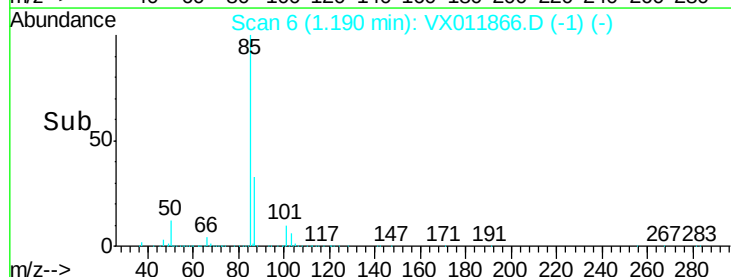
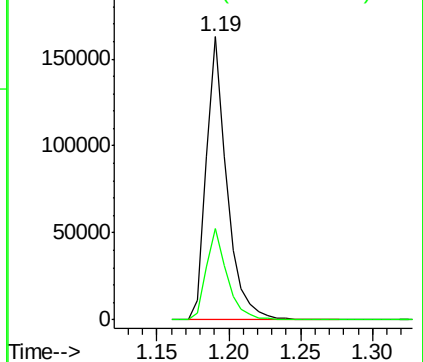
85 100

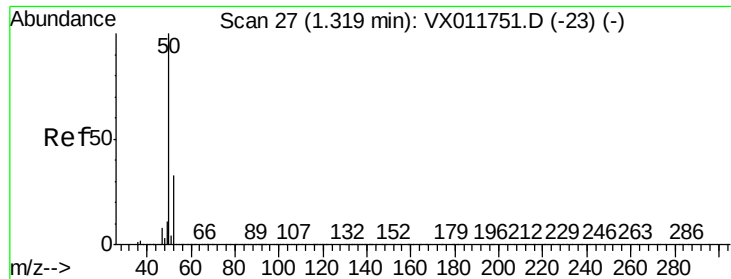
87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.889 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 148661

Ion Ratio Lower Upper

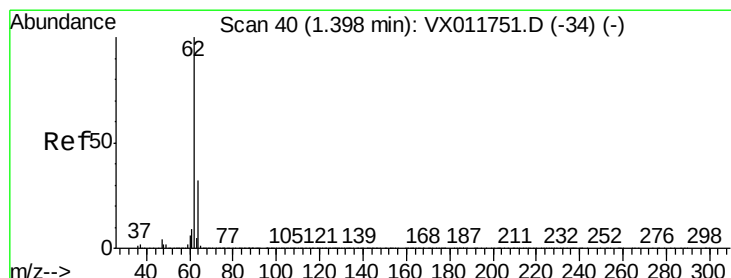
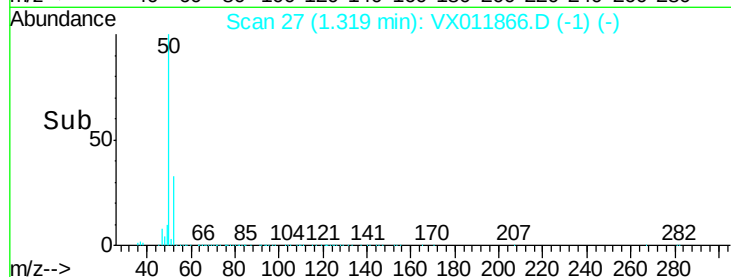
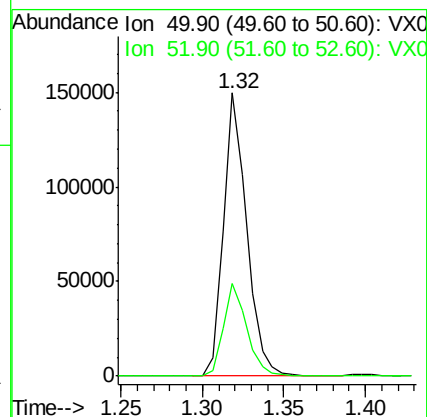
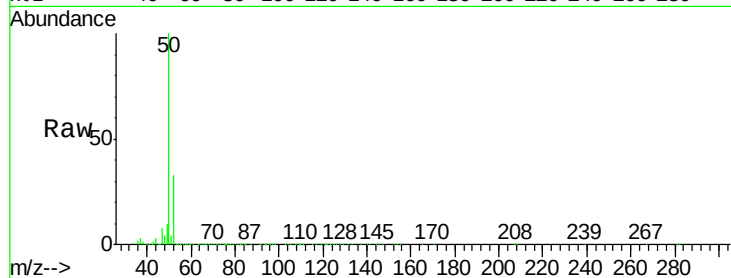
50 100

52 32.7 26.6 39.8

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#4

Vinyl Chloride

Concen: 52.134 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011866.D

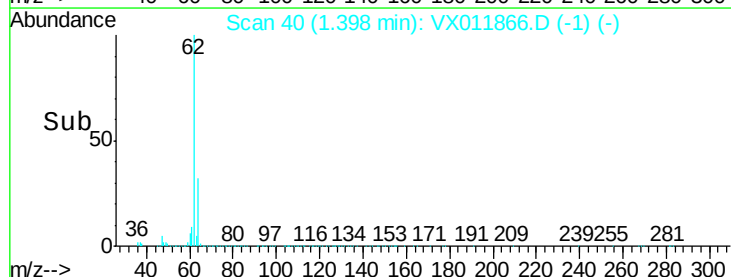
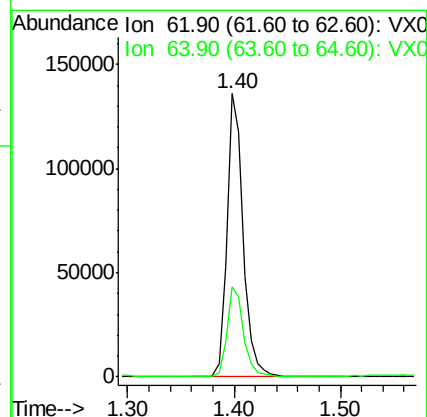
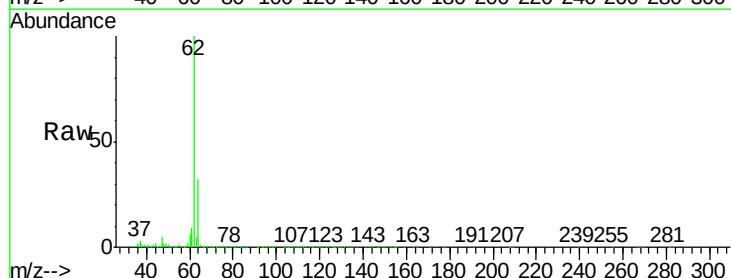
Acq: 27 Aug 2019 21:32

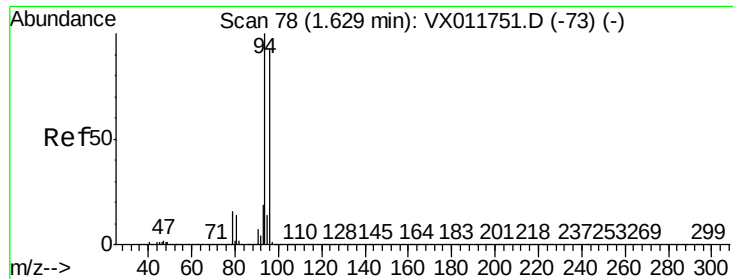
Tgt Ion: 62 Resp: 143770

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 46.245 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 70256

Ion Ratio Lower Upper

94 100

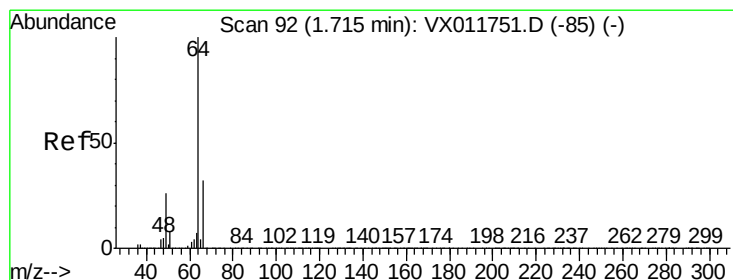
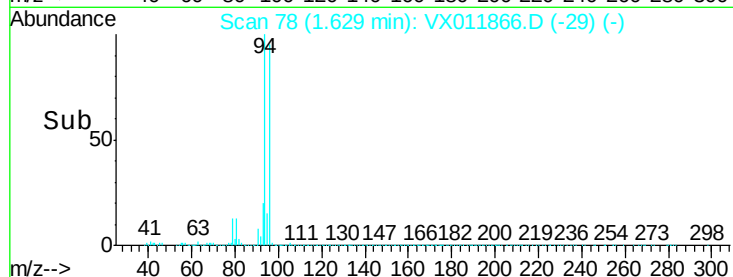
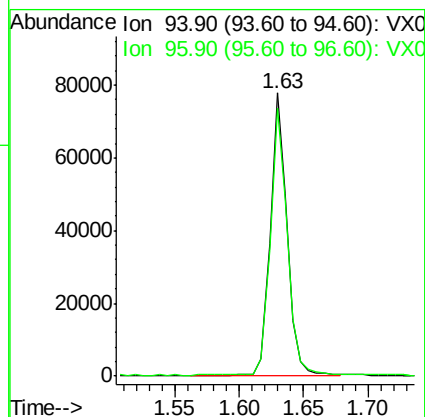
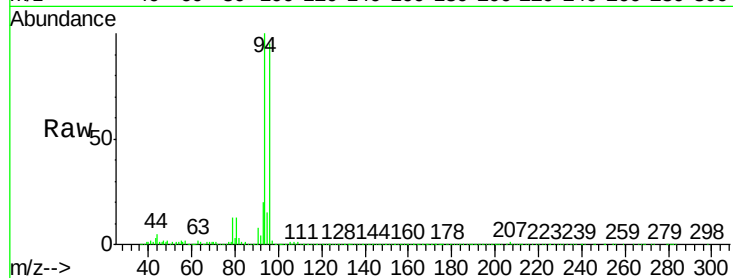
96 94.6 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 49.514 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011866.D

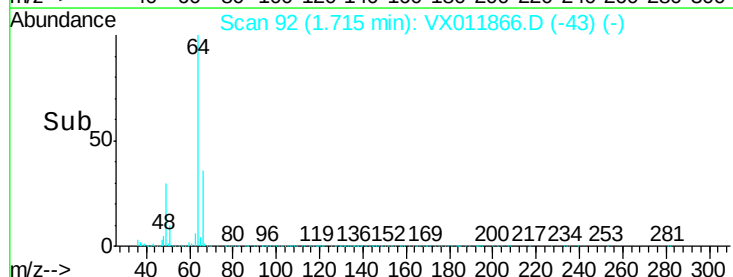
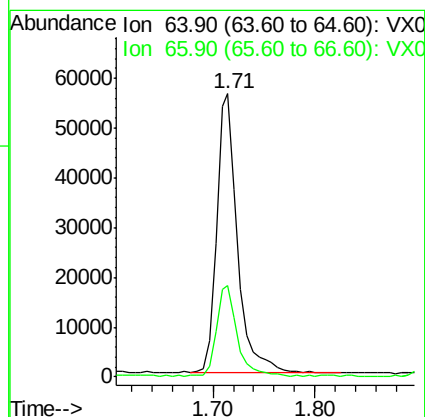
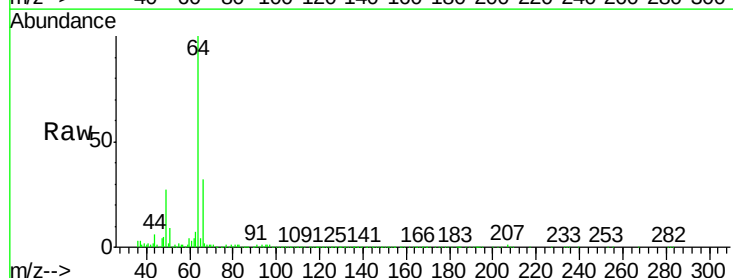
Acq: 27 Aug 2019 21:32

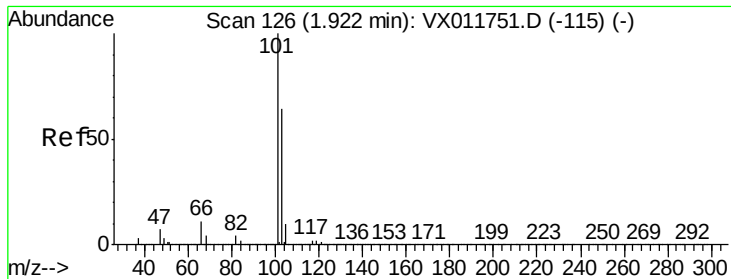
Tgt Ion: 64 Resp: 79835

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3





#7

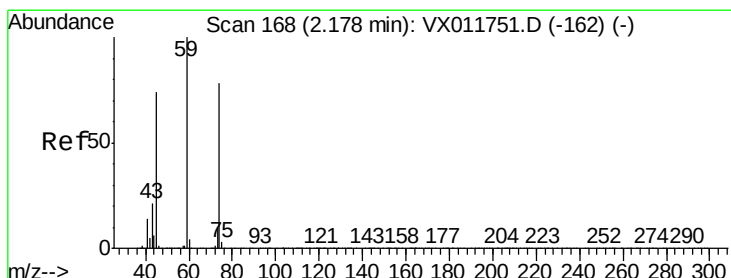
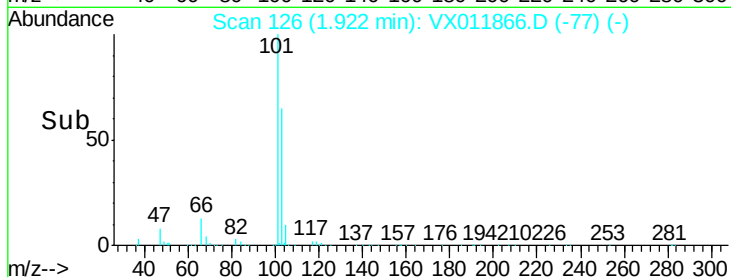
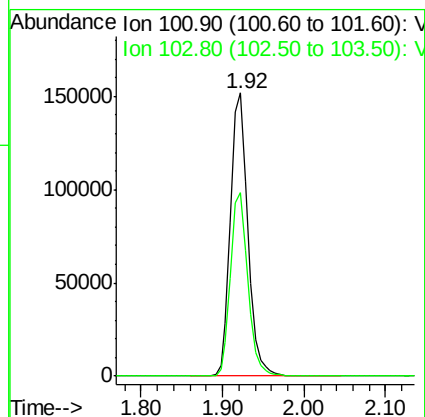
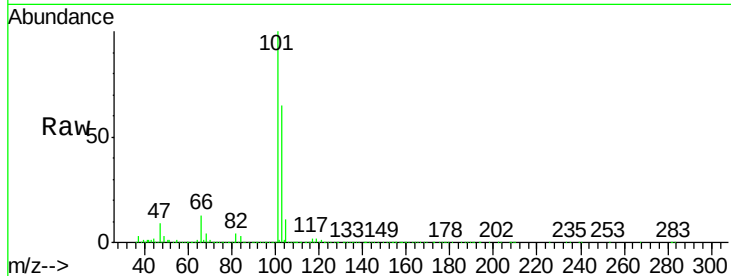
Trichlorofluoromethane
Concen: 50.489 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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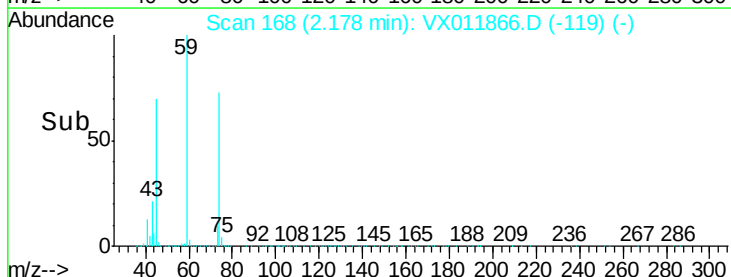
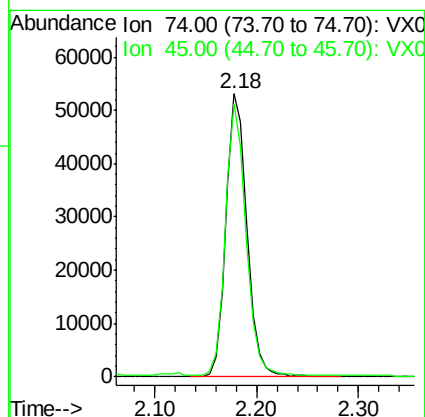
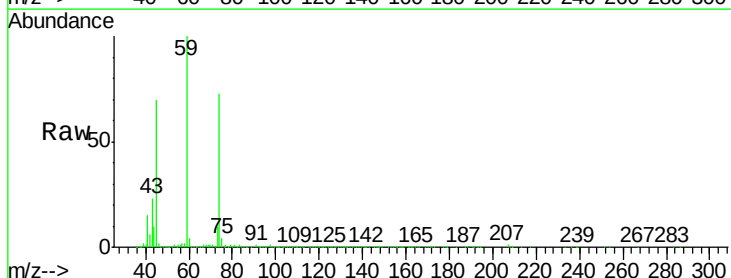
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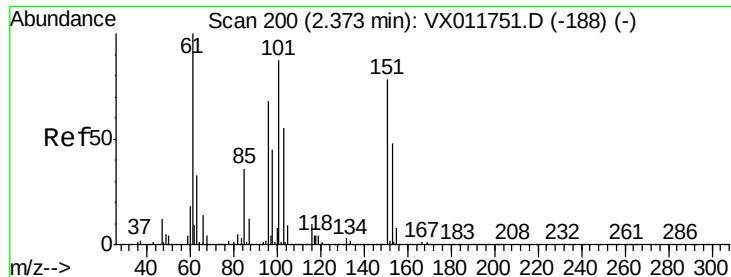


#8

Diethyl Ether
Concen: 50.380 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	46.7	140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.507 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

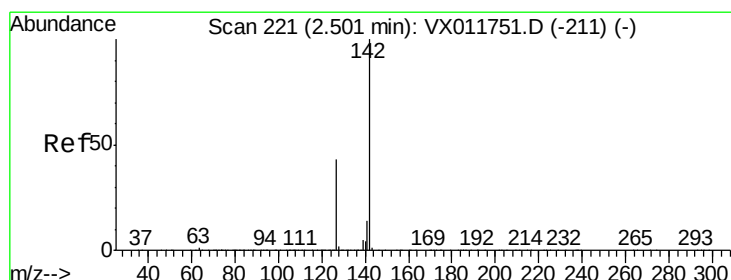
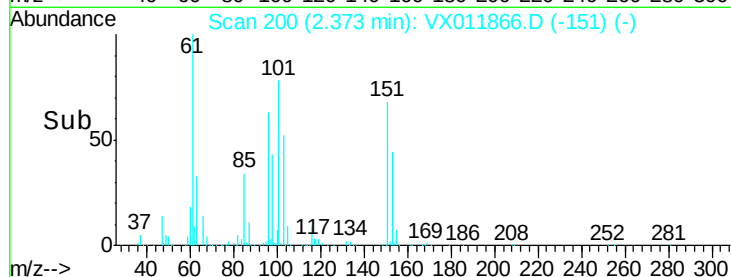
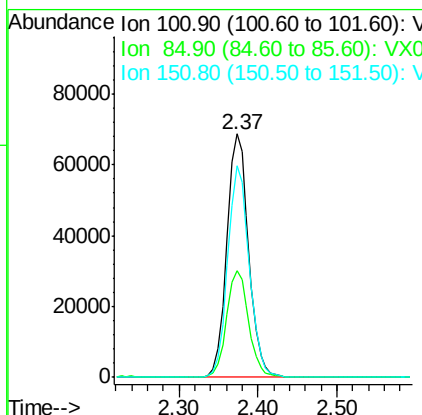
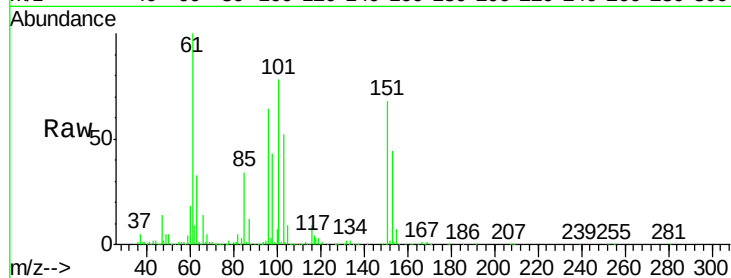
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	131787
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.7	50.5
151	86.0	71.4	107.2

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#10

Methyl Iodide

Concen: 52.842 ug/l

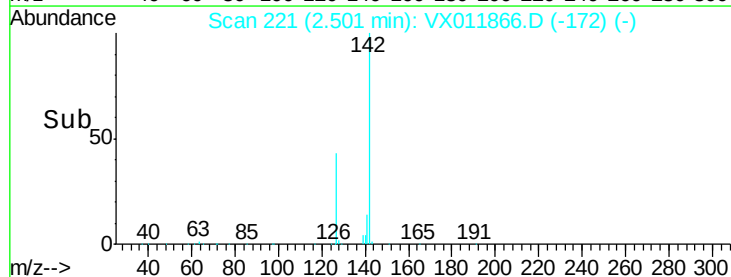
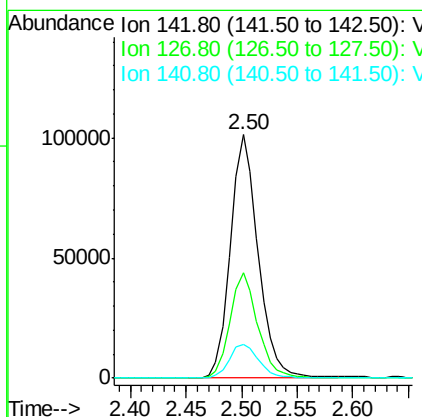
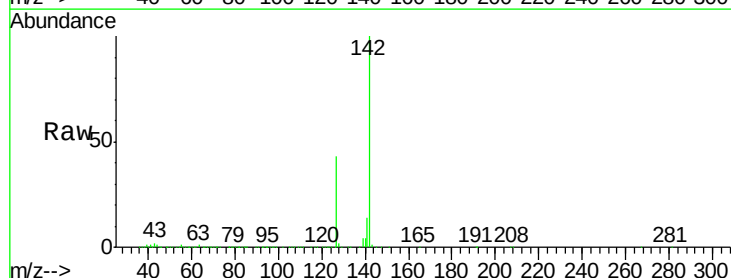
RT: 2.50 min Scan# 221

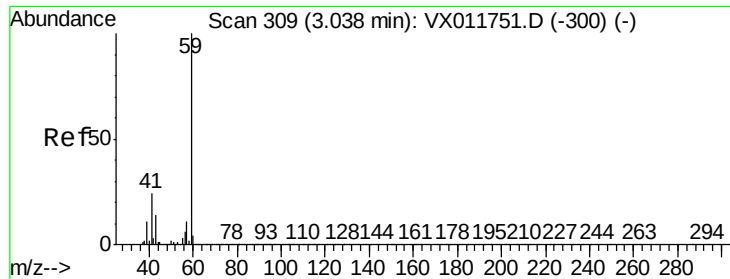
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	142	Resp:	175354
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.5	50.3
141	14.8	11.4	17.2





#11

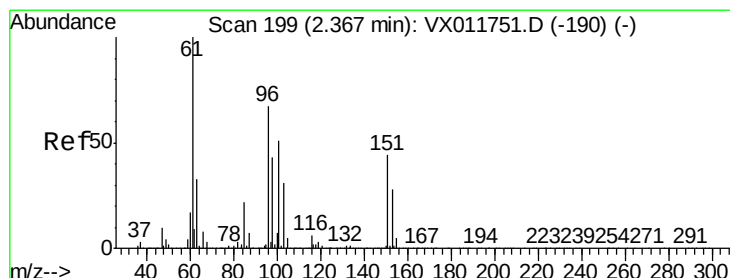
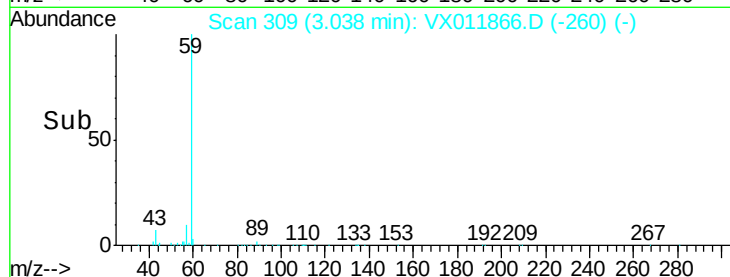
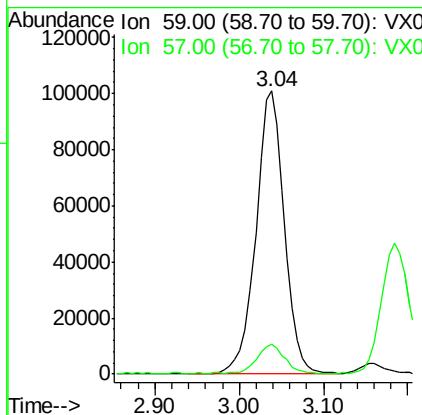
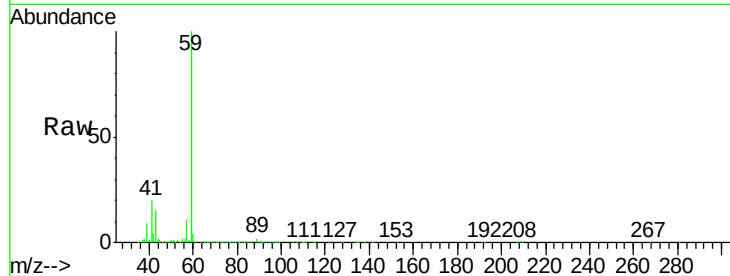
Tert butyl alcohol
Concen: 347.597 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	232565		
57	9.7		8.4	12.6

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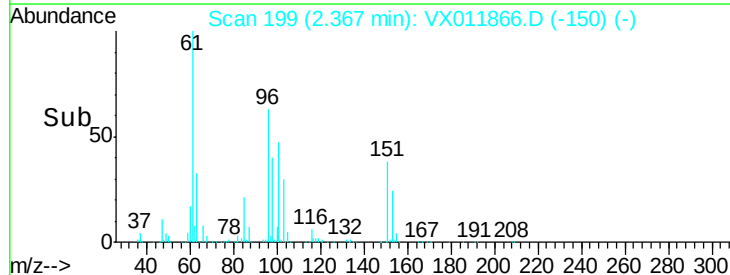
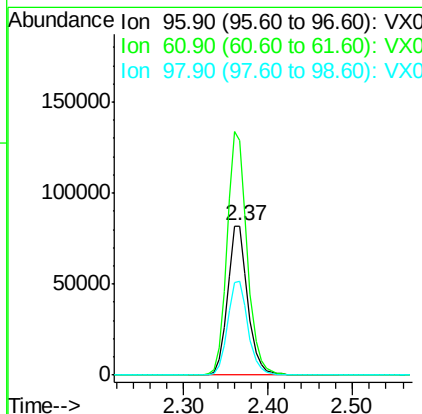
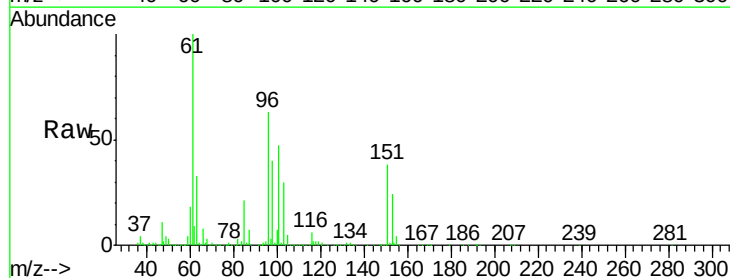
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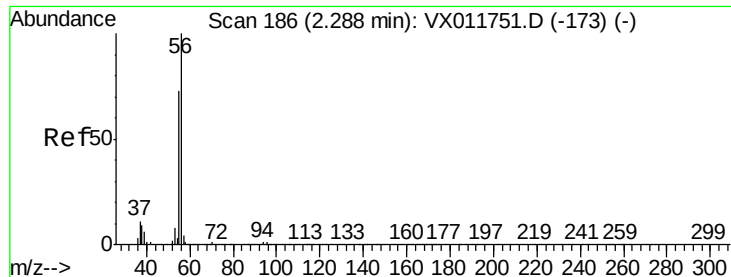


#12

1,1-Dichloroethene
Concen: 50.205 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	133003		
61	157.9		119.4	179.2
98	63.1		51.2	76.8





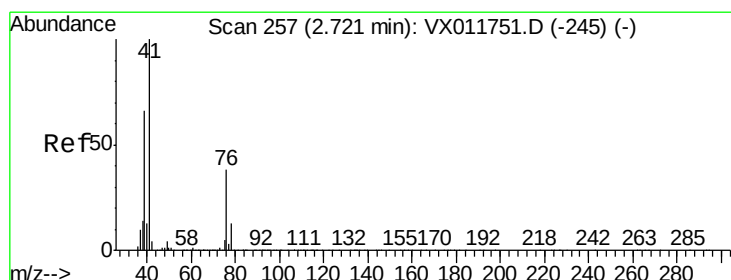
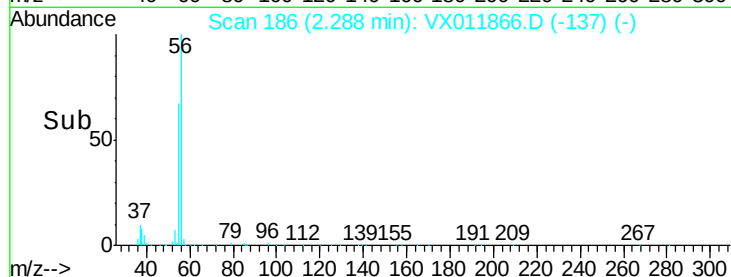
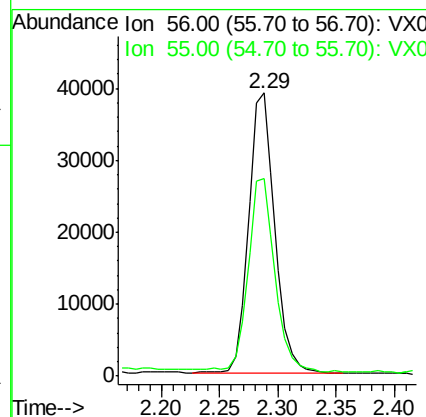
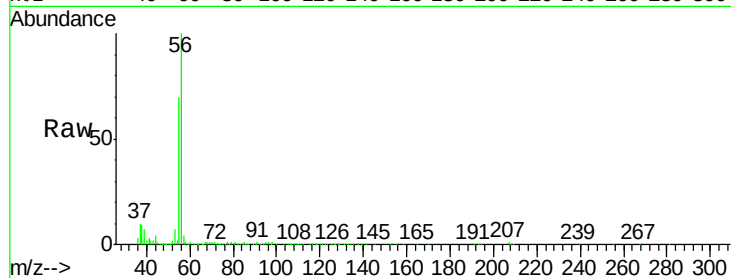
#13
Acrolein
Concen: 236.035 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.4	54.8	82.2

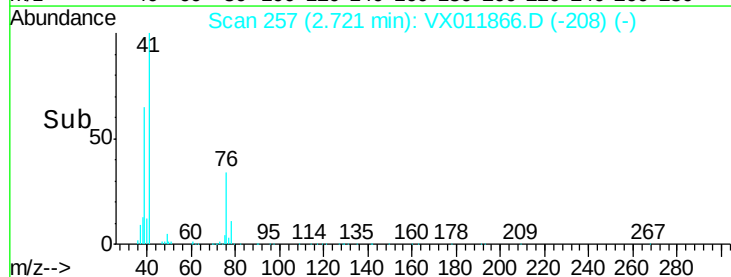
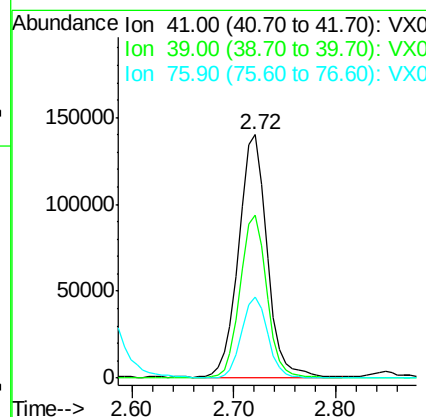
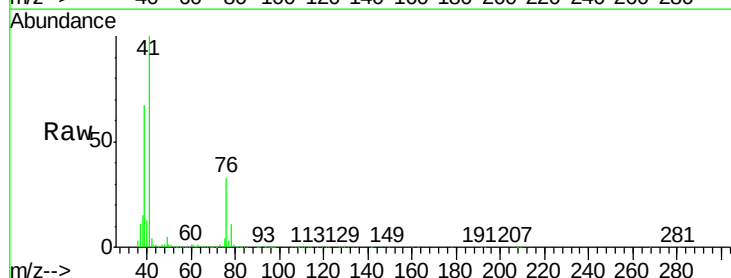
Manual Integrations
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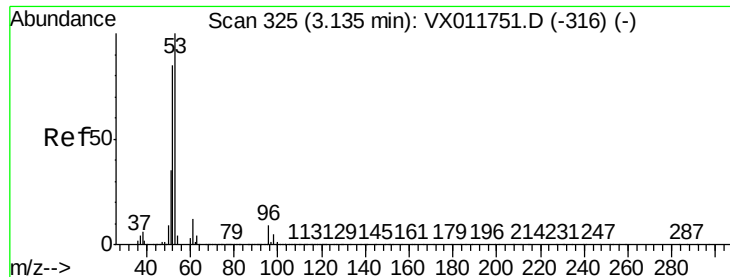
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#14
Allyl chloride
Concen: 65.003 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	62.7	49.3	73.9
76	76	30.7	26.8	40.2





#15

Acrylonitrile

Concen: 287.707 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

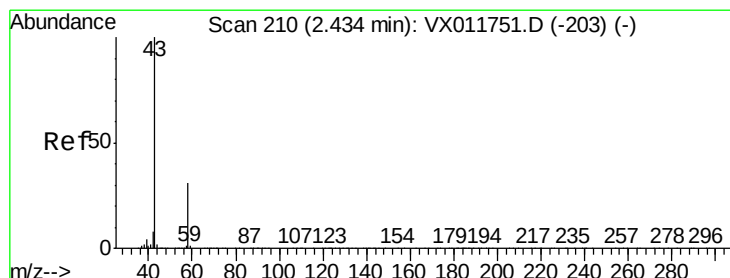
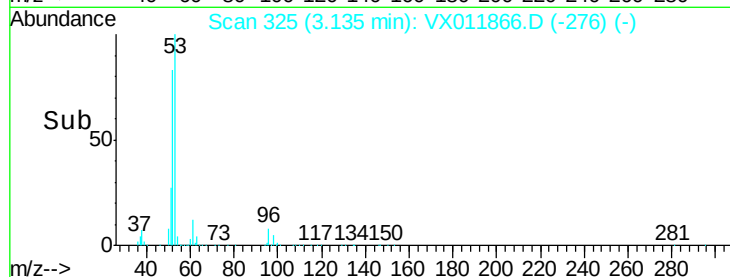
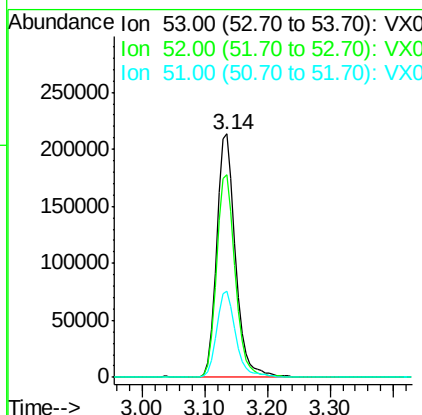
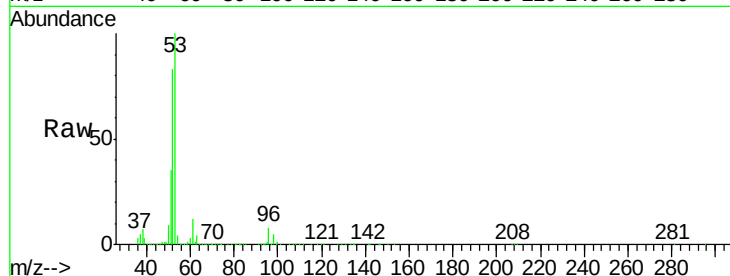
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	440289
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.7	98.5
51	35.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 263.661 ug/l

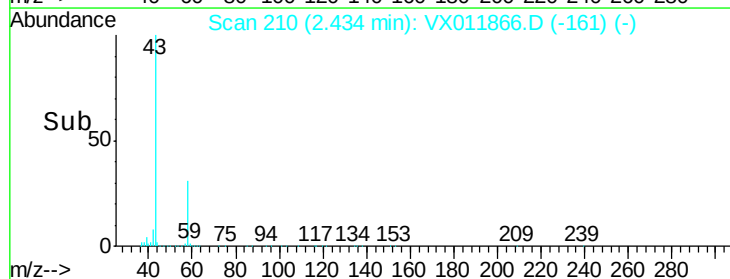
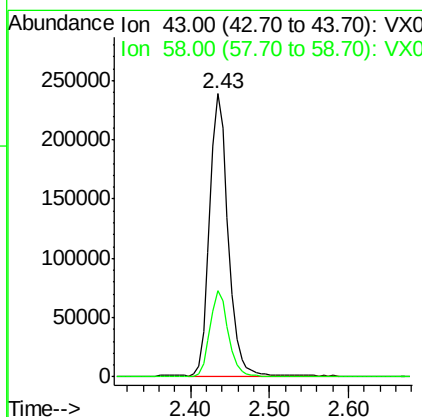
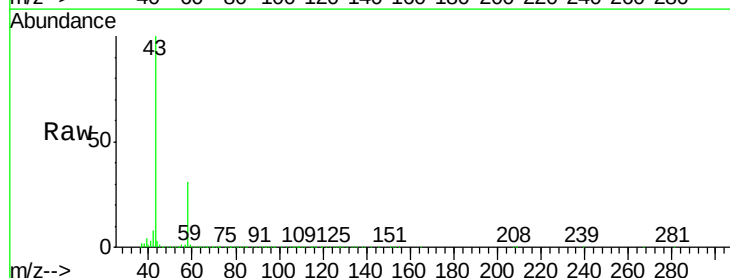
RT: 2.43 min Scan# 210

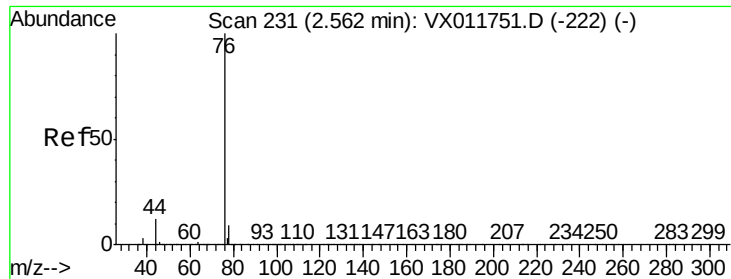
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	43	Resp:	388340
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.4	36.6





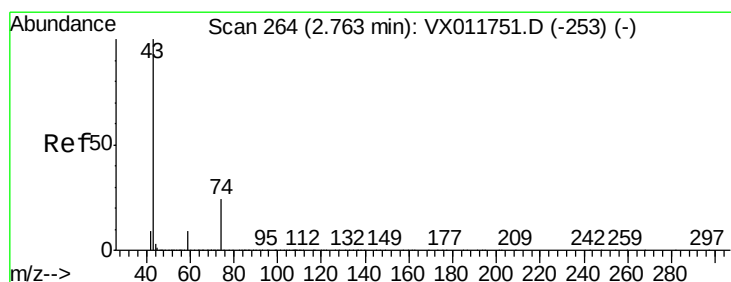
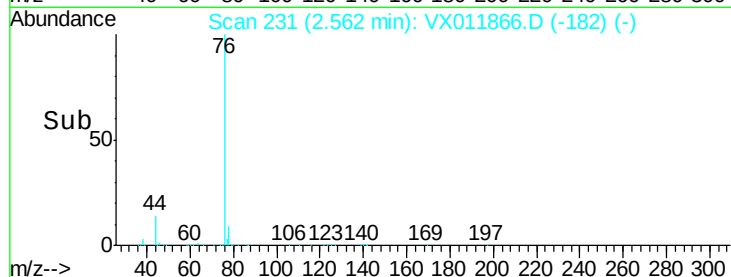
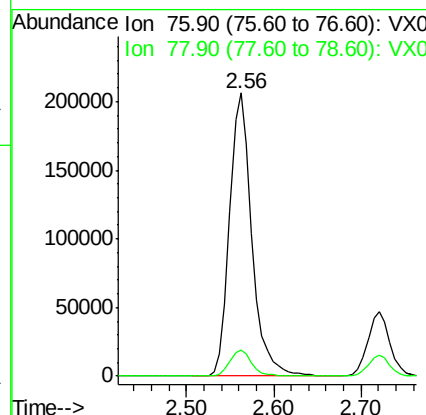
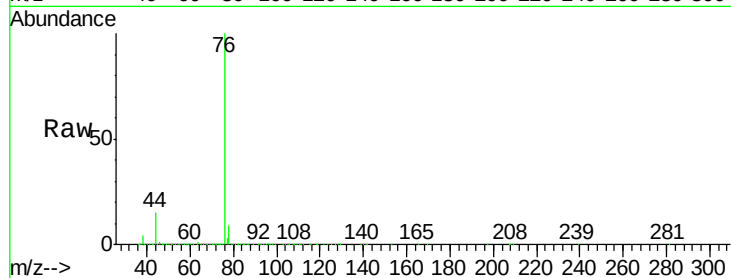
#17
Carbon Disulfide
Concen: 54.447 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

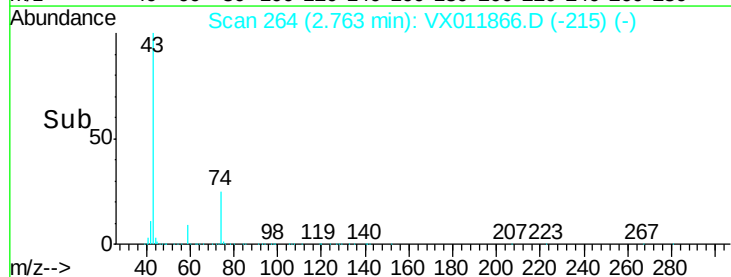
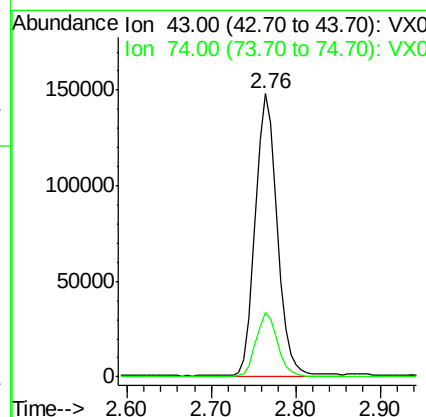
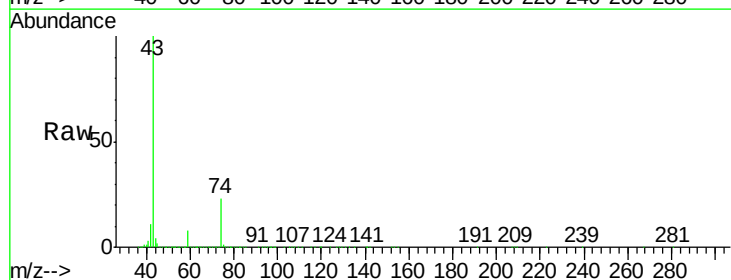
Manual Integrations
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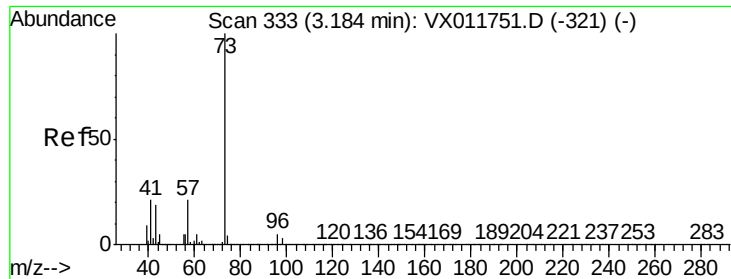
MMDadoda
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#18
Methyl Acetate
Concen: 65.027 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.5	29.3





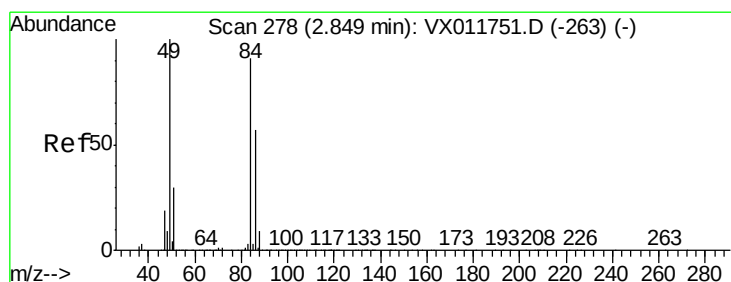
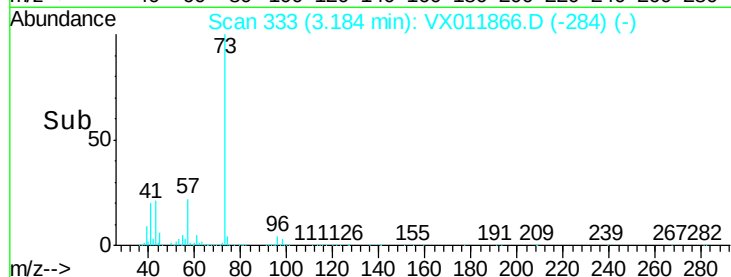
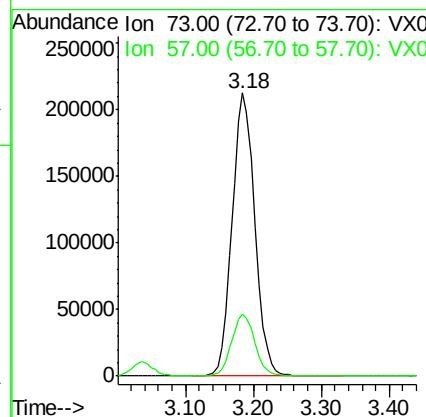
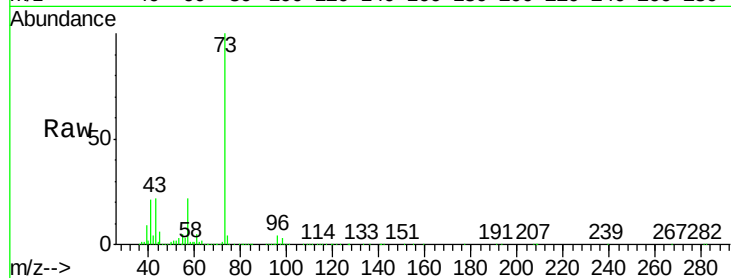
#19
Methyl tert-butyl Ether
Concen: 57.706 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.4	24.6

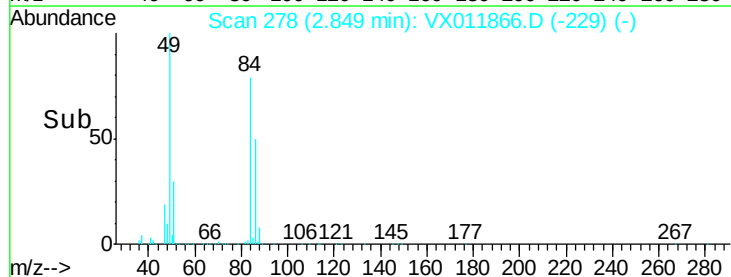
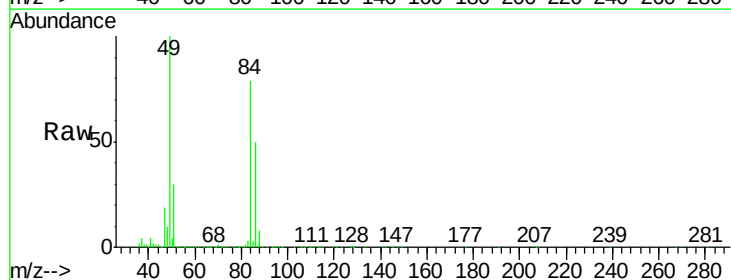
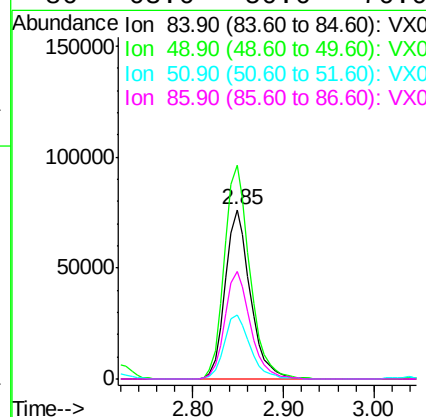
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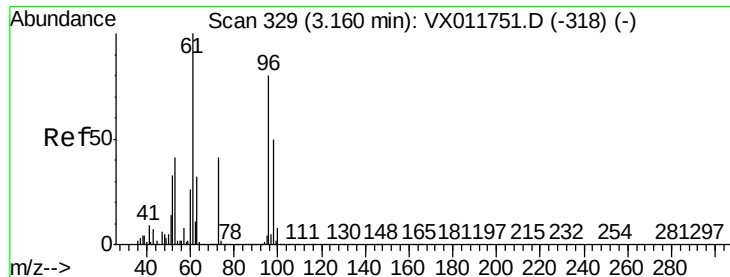
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#20
Methylene Chloride
Concen: 48.672 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	88.3	132.5
51	37.3	26.2	39.2
86	63.6	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 49.213 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

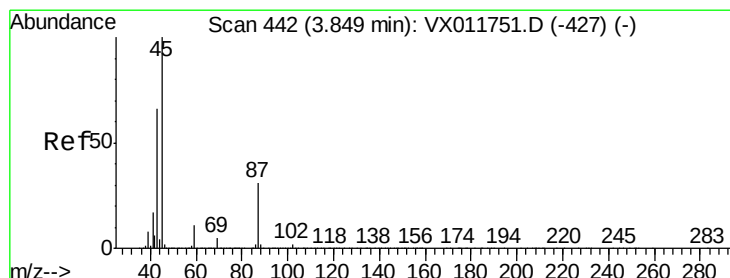
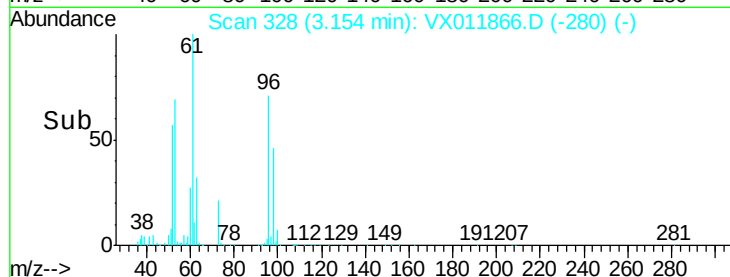
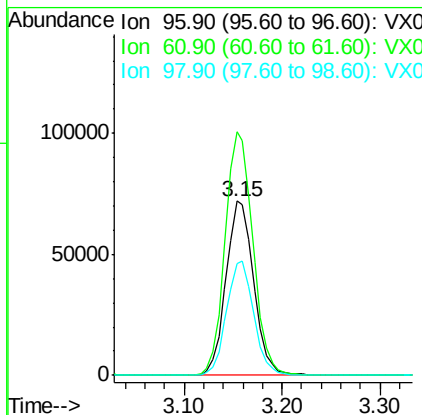
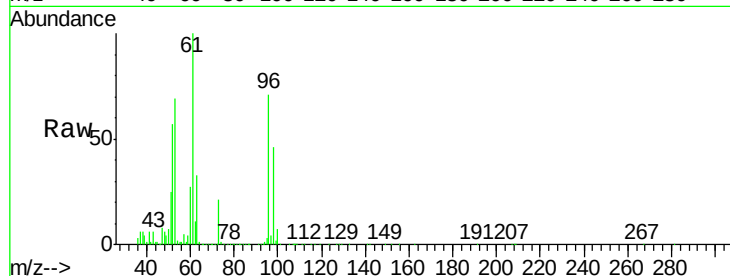
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140623
Ion	Ratio	Lower	Upper
96	100		
61	140.0	99.8	149.8
98	64.3	50.3	75.5

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#22

Diisopropyl ether

Concen: 62.238 ug/l

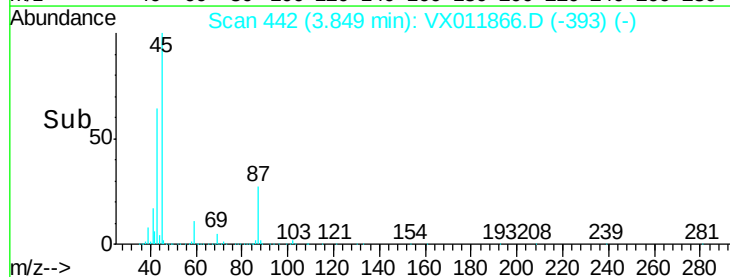
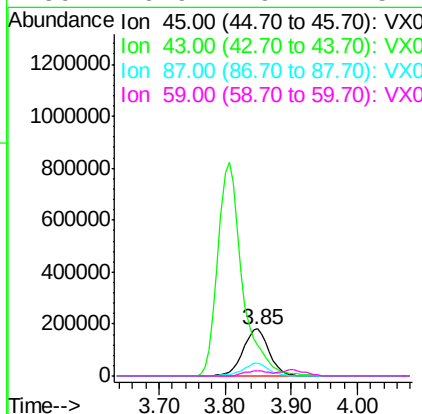
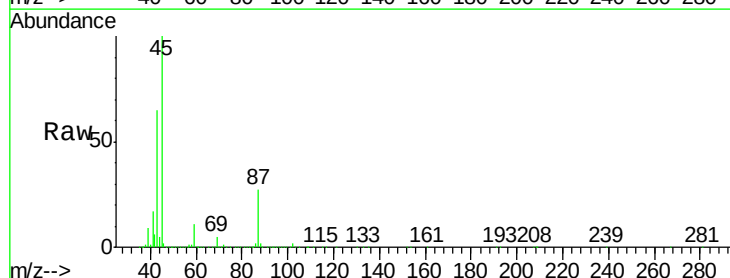
RT: 3.85 min Scan# 442

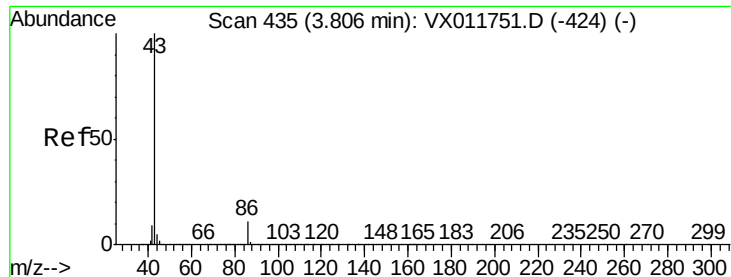
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	45	Resp:	499721
Ion	Ratio	Lower	Upper
45	100		
43	64.4	53.0	79.6
87	27.3	24.7	37.1
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 318.973 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2120490

Ion Ratio Lower Upper

43 100

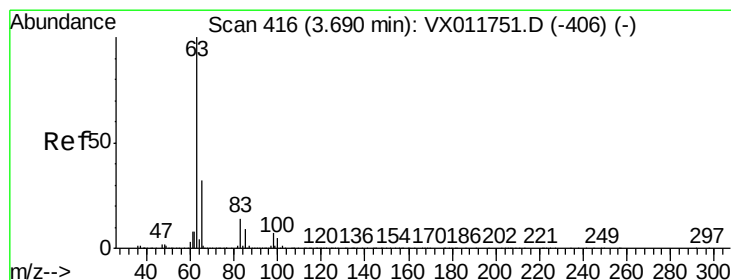
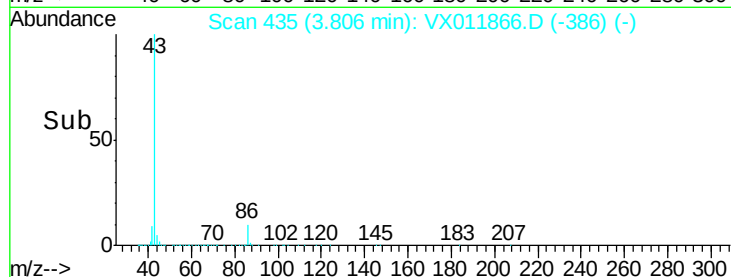
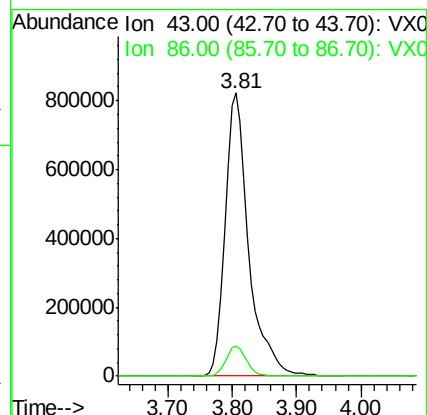
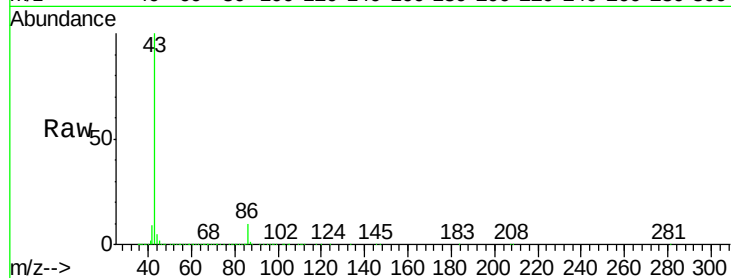
86 10.4 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.755 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

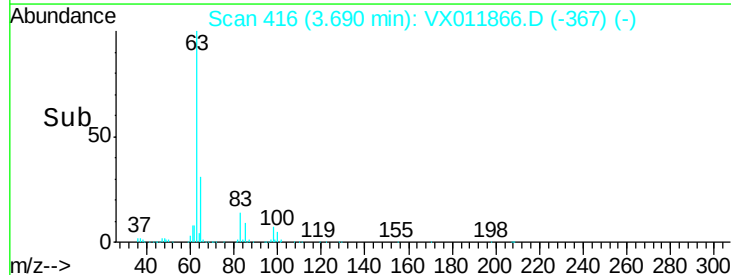
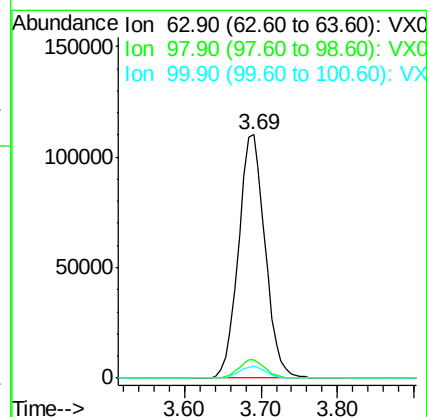
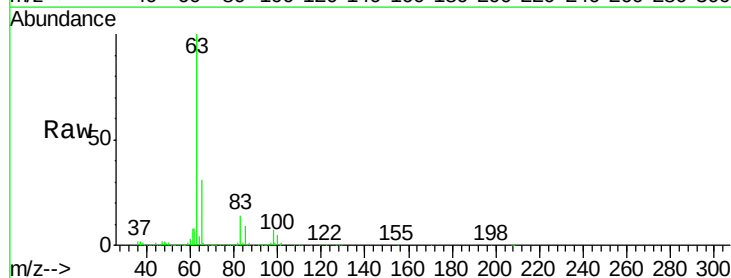
Tgt Ion: 63 Resp: 264316

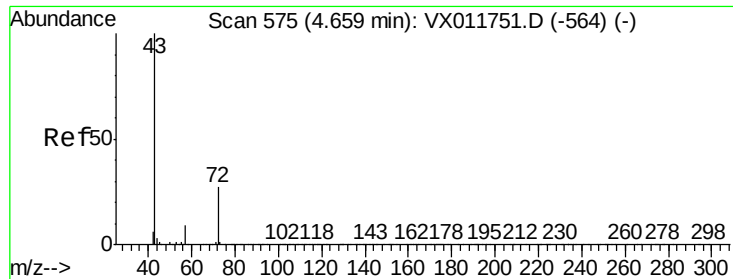
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 302.557 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 639639

Ion Ratio Lower Upper

43 100

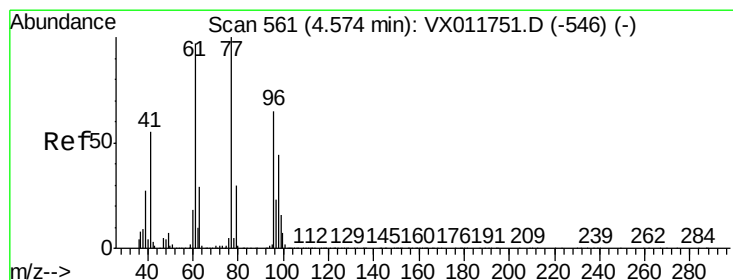
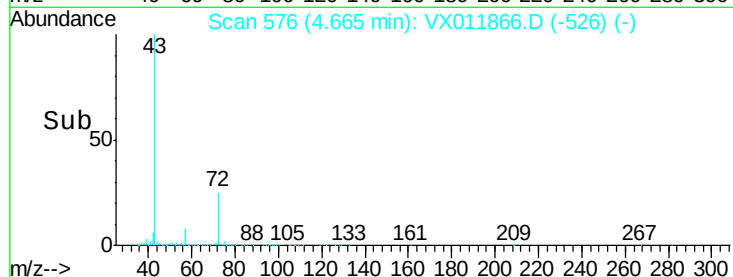
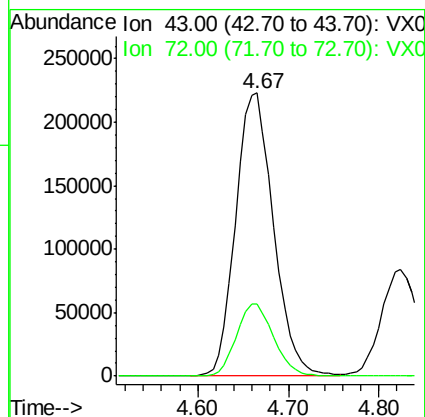
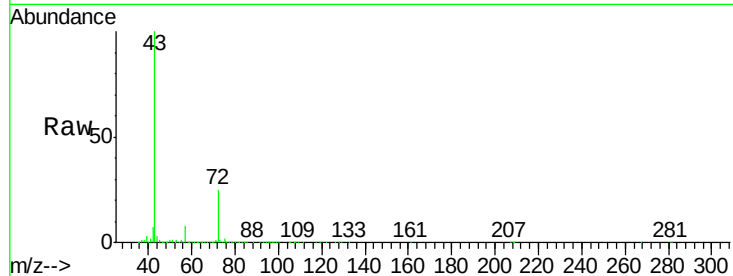
72 25.3 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.901 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011866.D

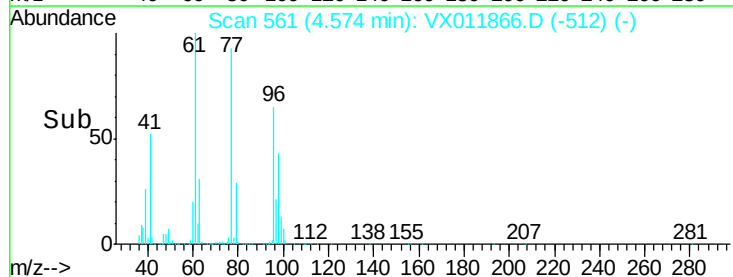
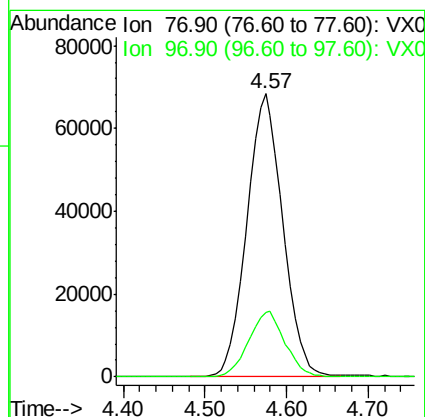
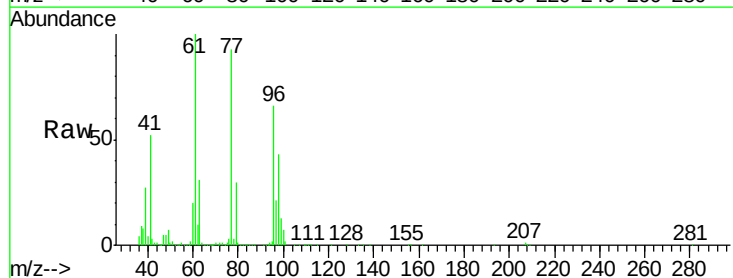
Acq: 27 Aug 2019 21:32

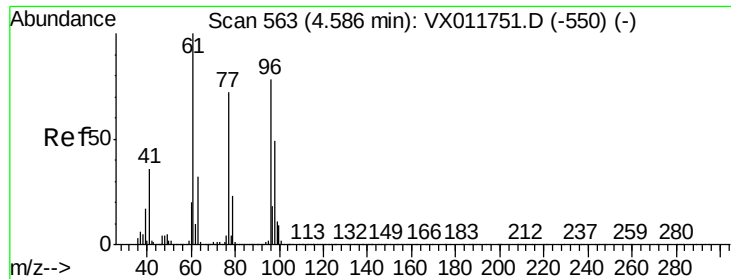
Tgt Ion: 77 Resp: 208947

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.6





#27

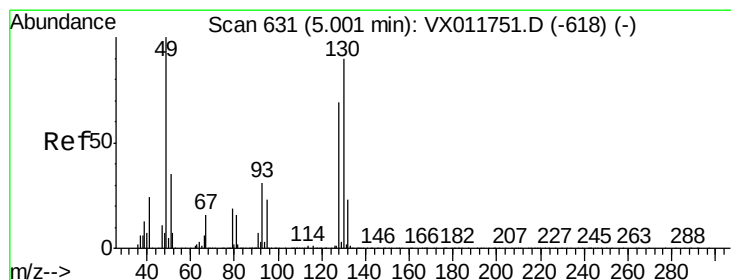
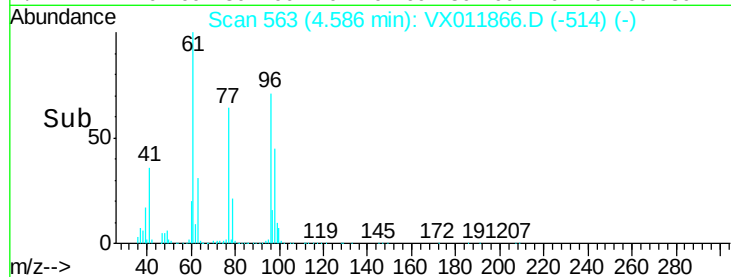
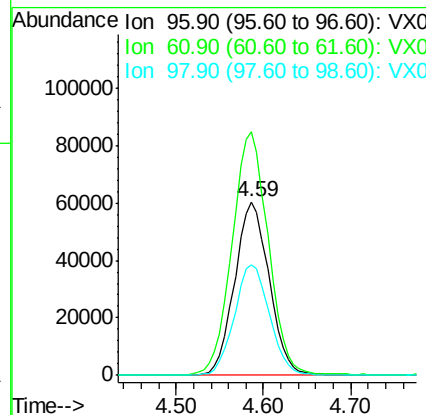
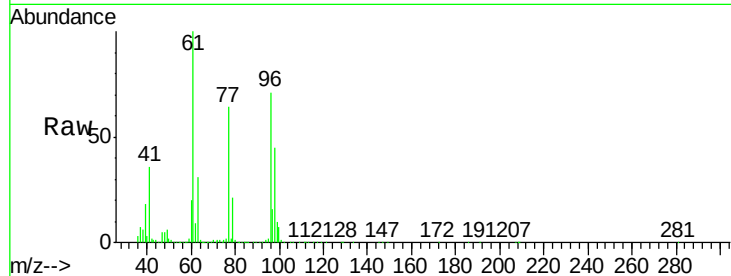
cis-1,2-Dichloroethene
 Concen: 50.312 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	164866		
61	148.6		0.0	275.8
98	64.9		0.0	128.2

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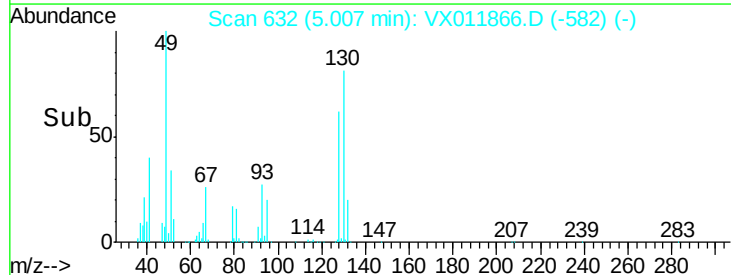
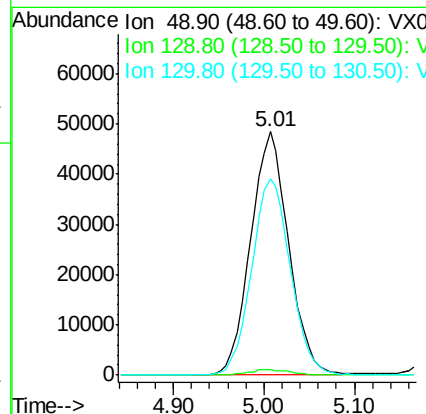
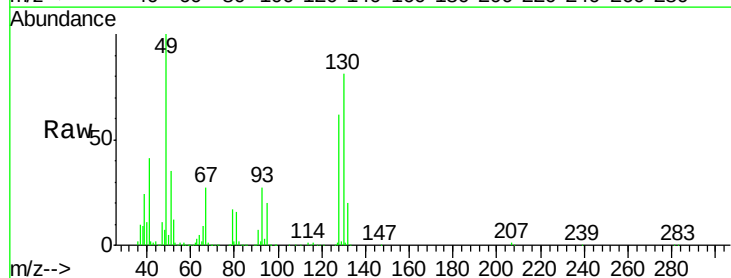
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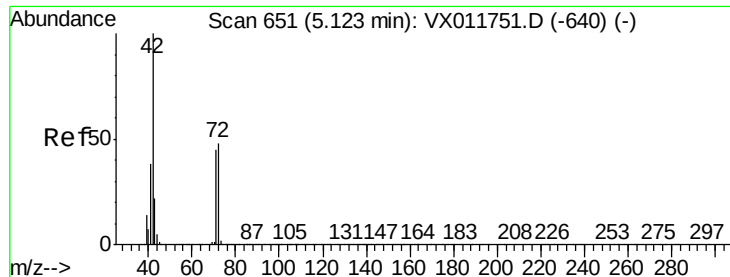


#28

Bromochloromethane
 Concen: 65.336 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	140600		
129	2.4		0.0	5.8
130	82.4		76.8	115.2





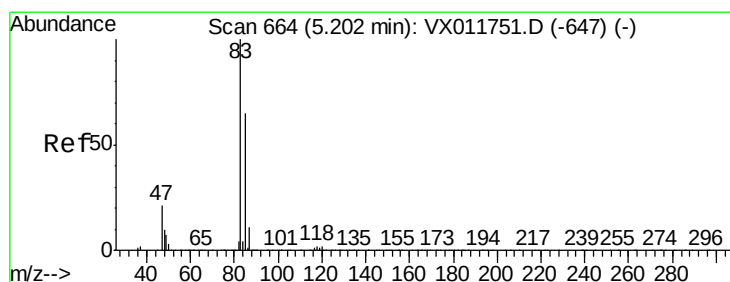
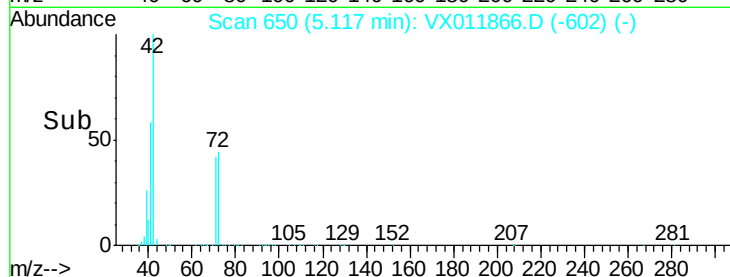
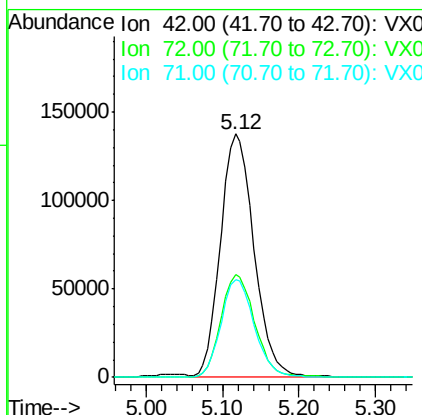
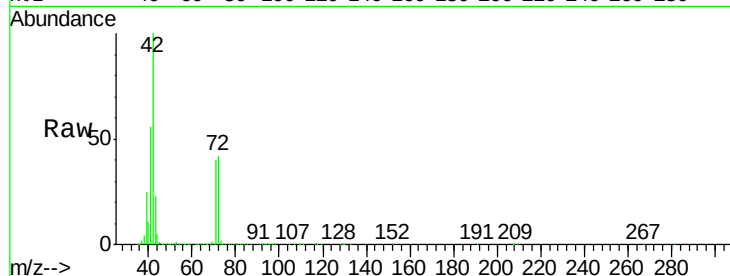
#29
Tetrahydrofuran
Concen: 306.613 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	37.6	56.4
71	39.8	34.6	51.8

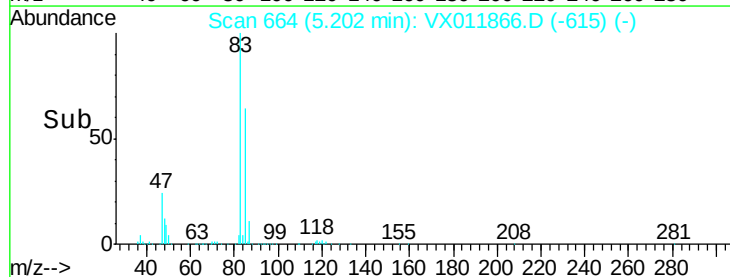
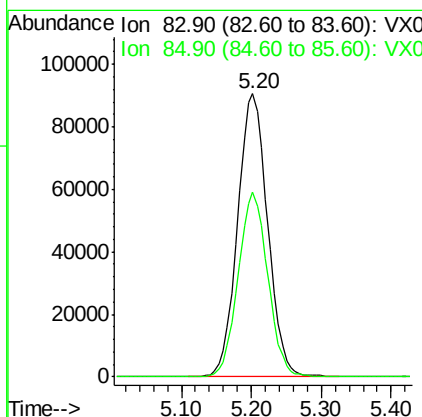
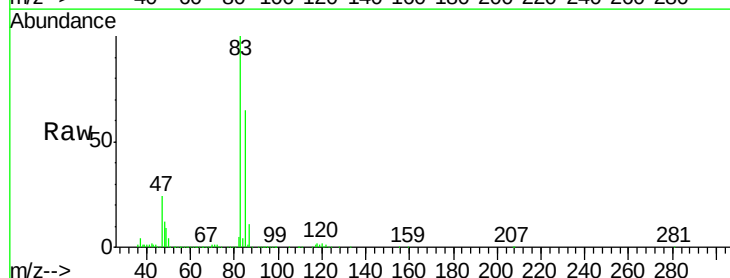
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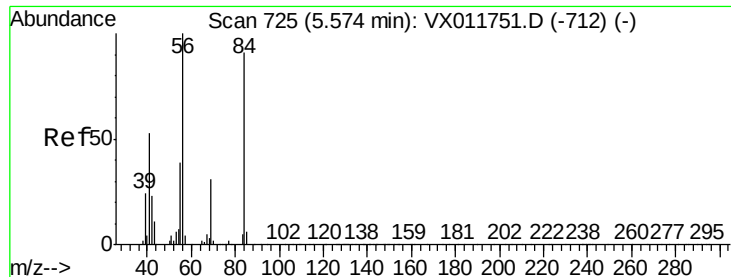
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#30
Chloroform
Concen: 52.218 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8





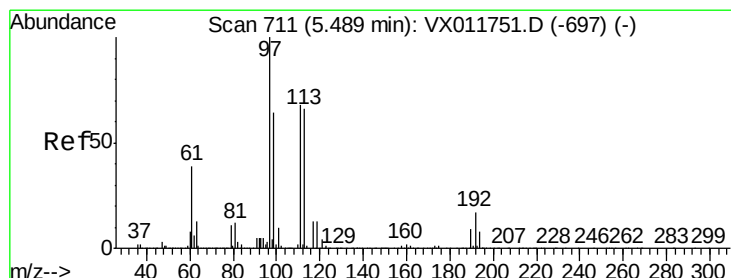
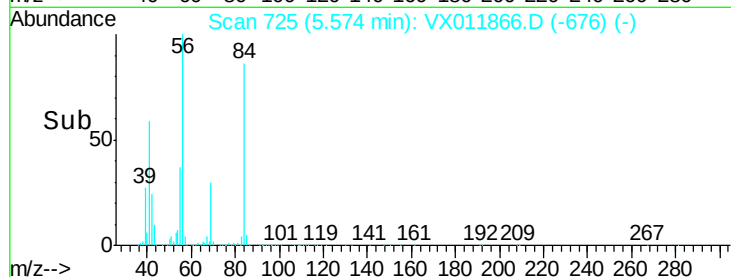
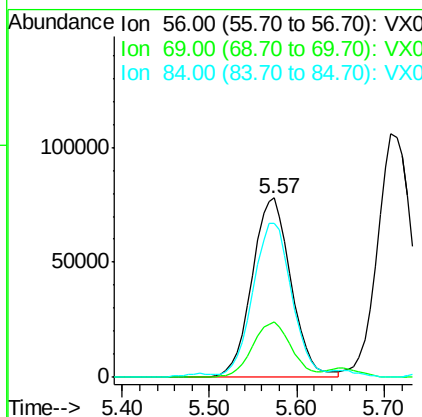
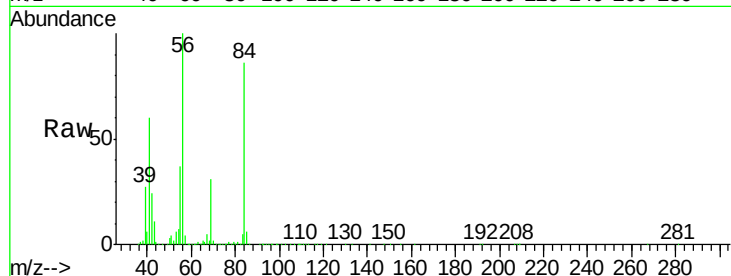
#31
Cyclohexane
Concen: 57.900 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.5	24.5	36.7	
84	84.3	72.7	109.1	

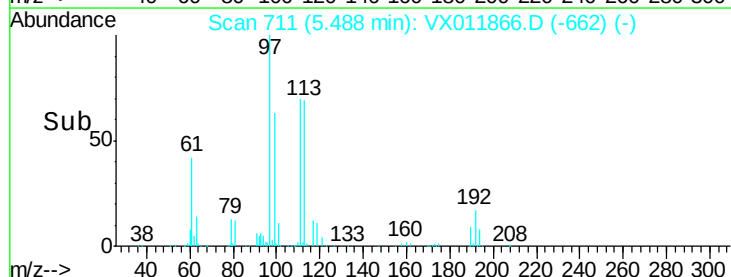
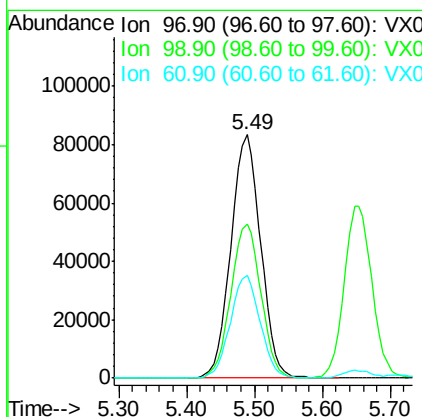
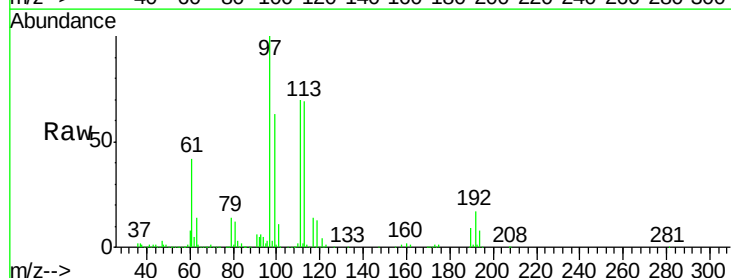
Manual Integrations
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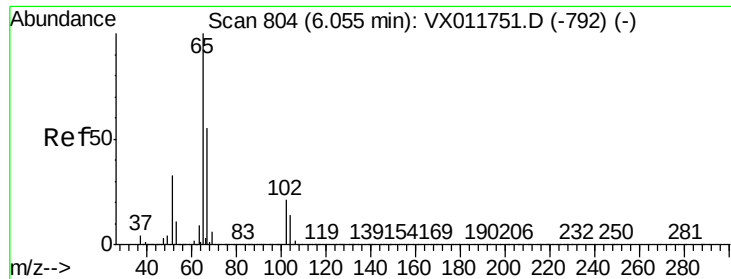
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#32
1,1,1-Trichloroethane
Concen: 56.447 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.3	51.4	77.0	
61	42.6	31.6	47.4	





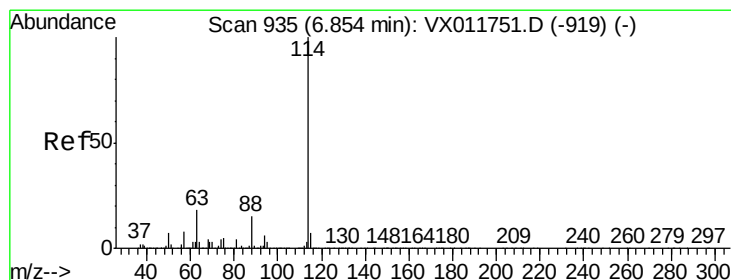
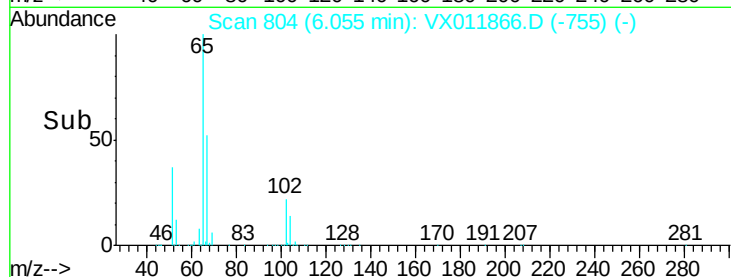
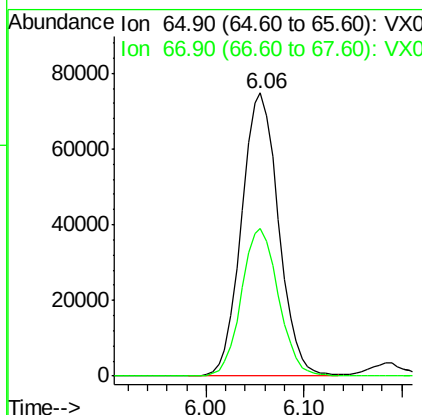
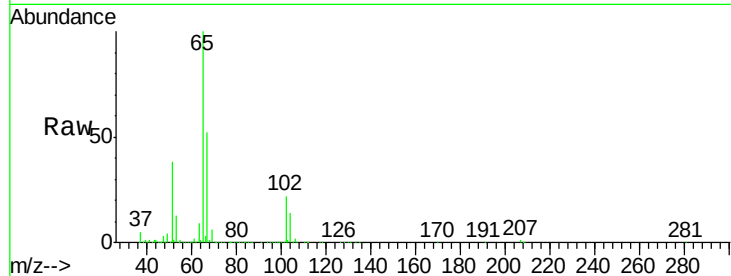
#33
 1,2-Dichloroethane-d4
 Concen: 58.092 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196692		
67	51.7	0.0	107.8	

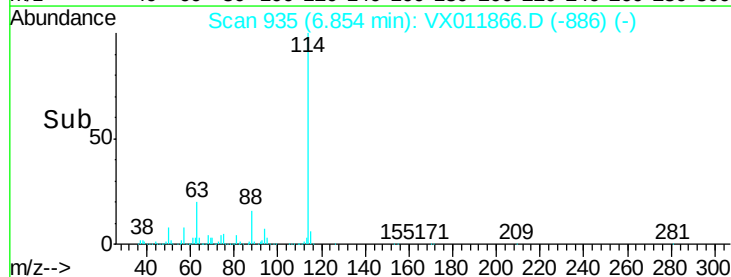
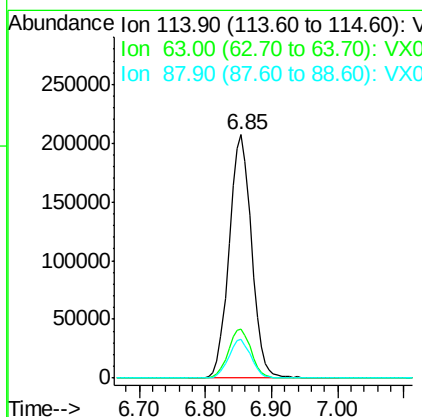
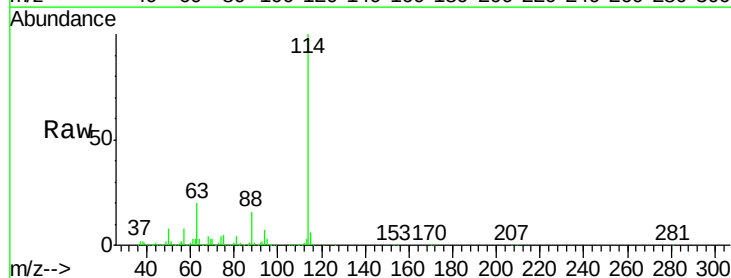
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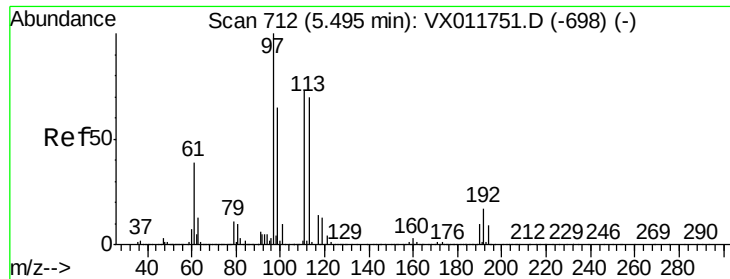
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	486703		
63	20.2	0.0	36.8	
88	15.7	0.0	30.2	





#35

Dibromofluoromethane

Concen: 51.724 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

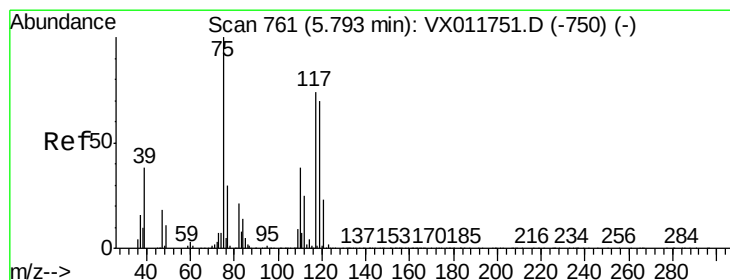
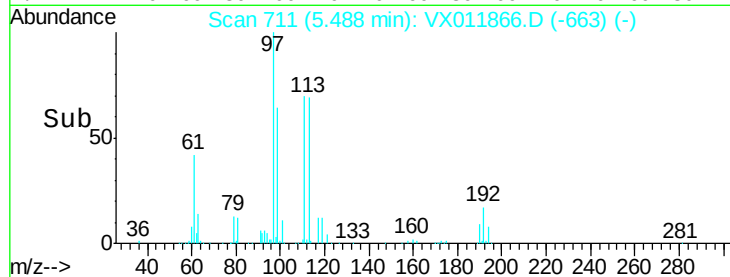
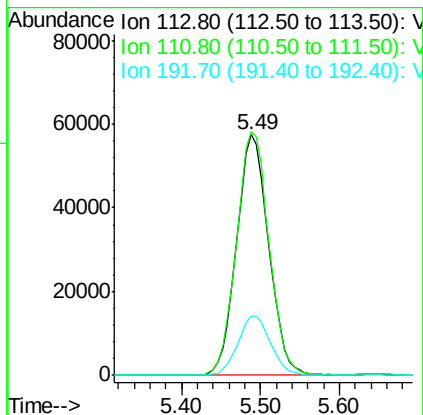
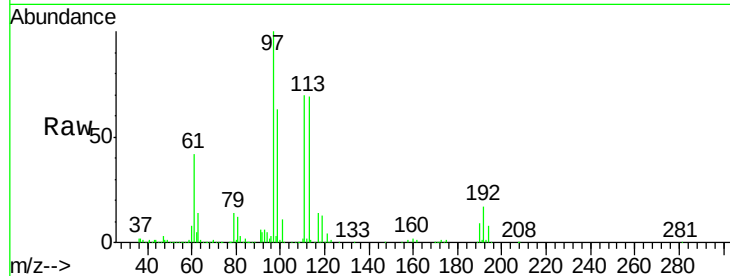
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	162787
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.0	121.4
192	25.3	19.9	29.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.704 ug/l

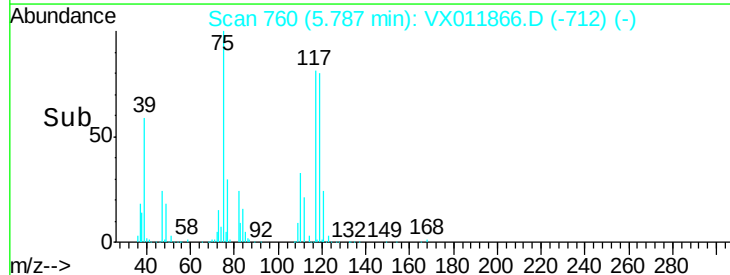
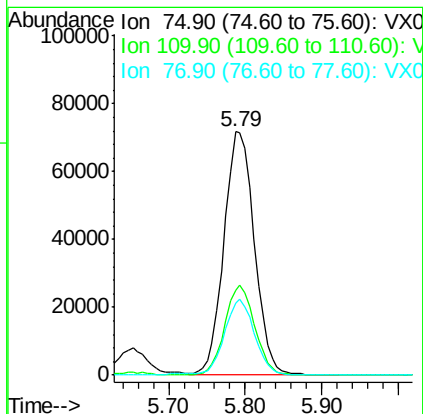
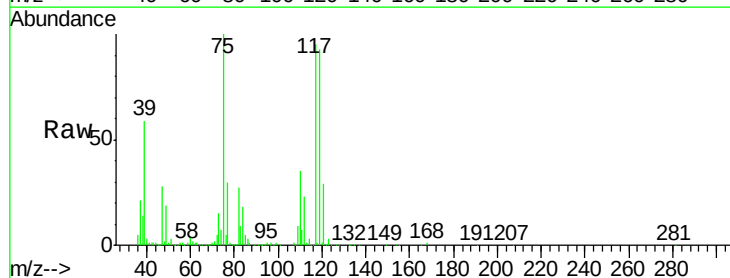
RT: 5.79 min Scan# 760

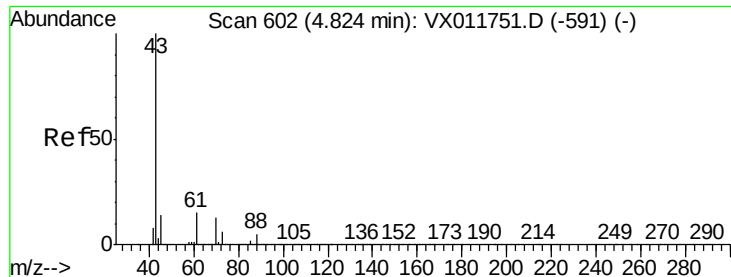
Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	75	Resp:	197333
Ion Ratio	Lower	Upper	
75	100		
110	36.4	19.0	57.0
77	30.4	24.6	36.8





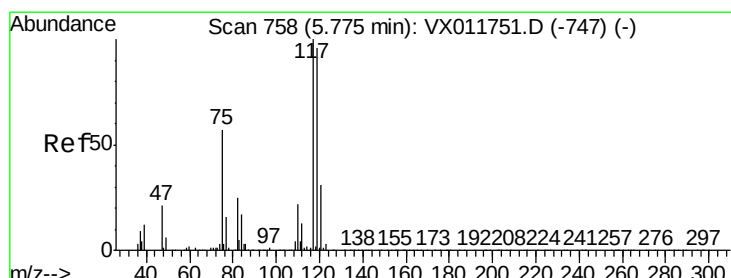
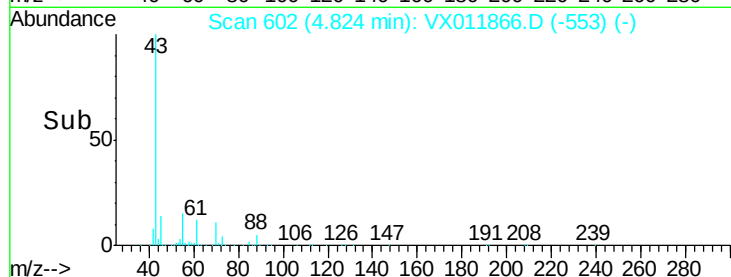
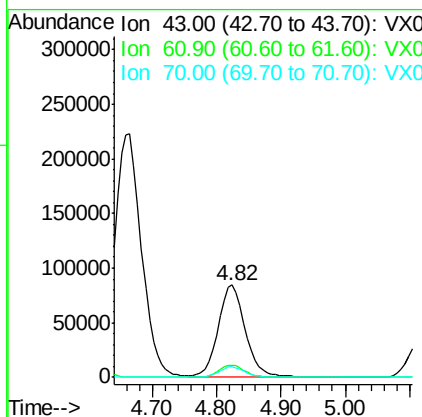
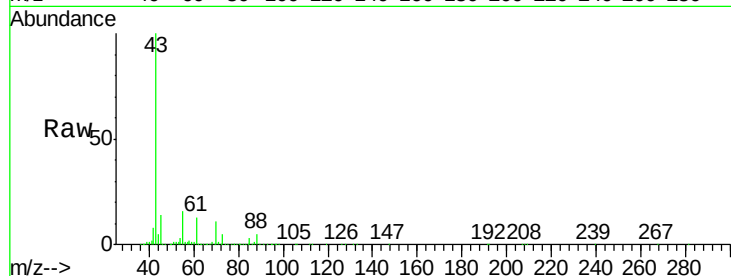
#37
Ethyl Acetate
Concen: 61.173 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	247070
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	10.8	9.5	14.3

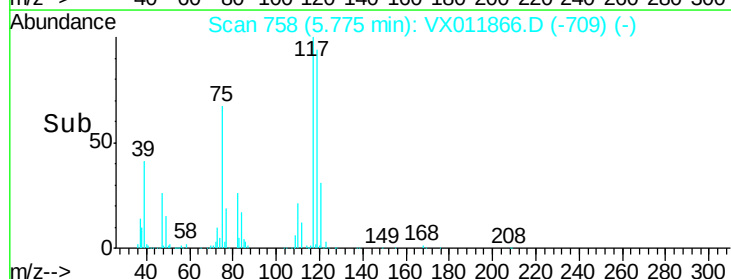
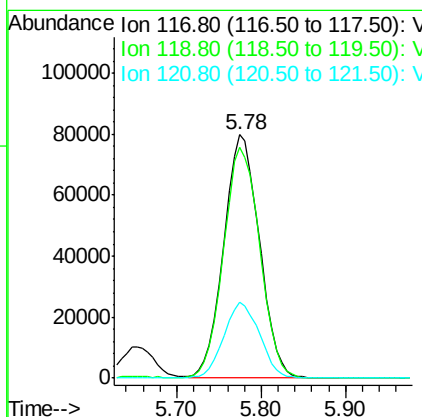
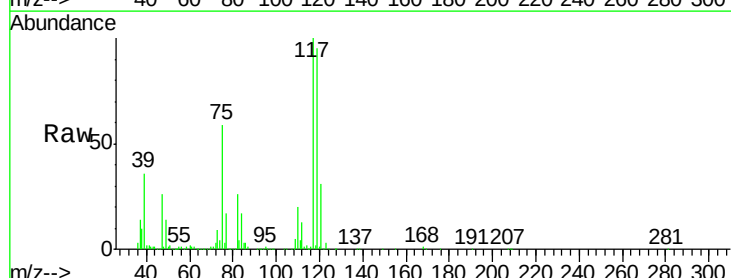
Manual Integrations
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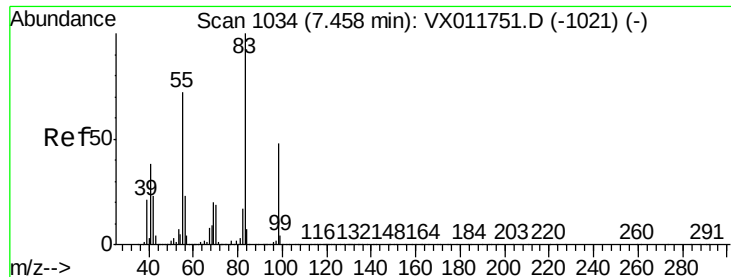
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#38
Carbon Tetrachloride
Concen: 53.023 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion:	117	Resp:	229345
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
121	31.1	25.2	37.8





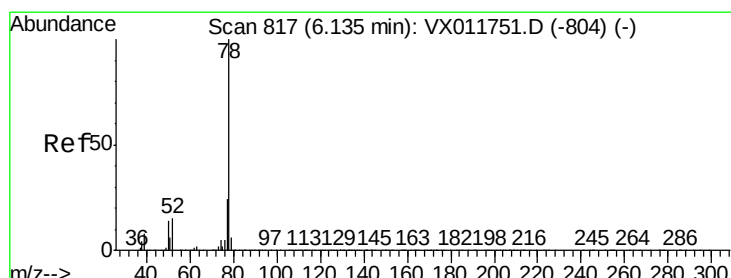
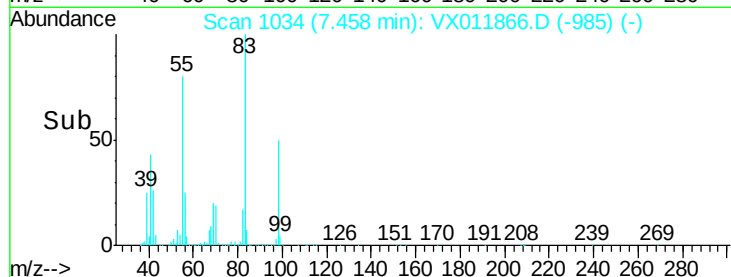
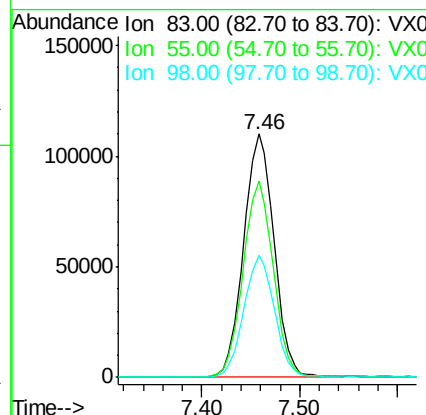
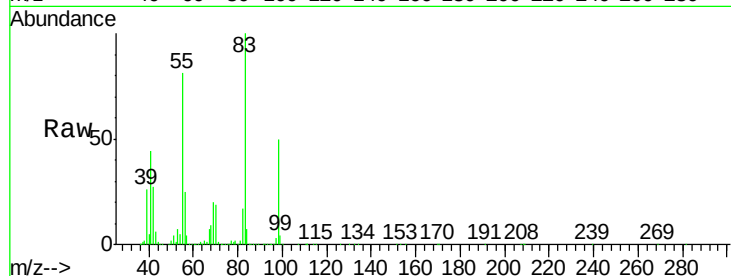
#39
Methylvlcyclohexane
Concen: 50.238 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	57.8	86.6
98	49.9	38.6	58.0

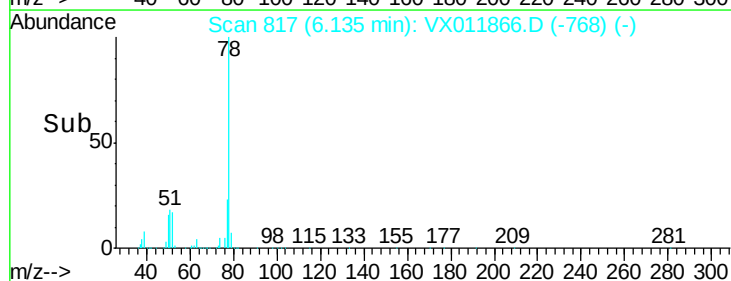
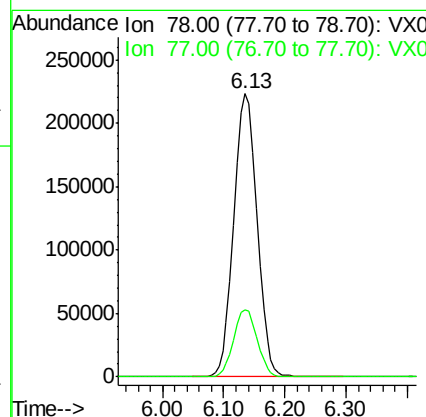
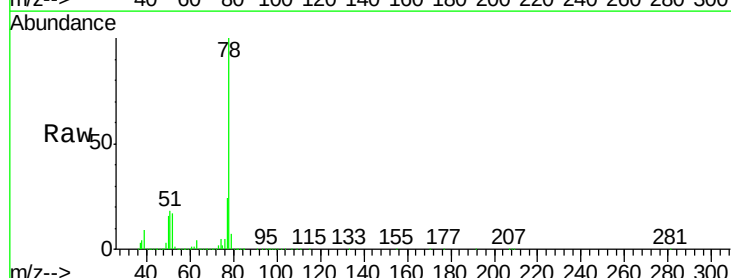
Manual Integrations
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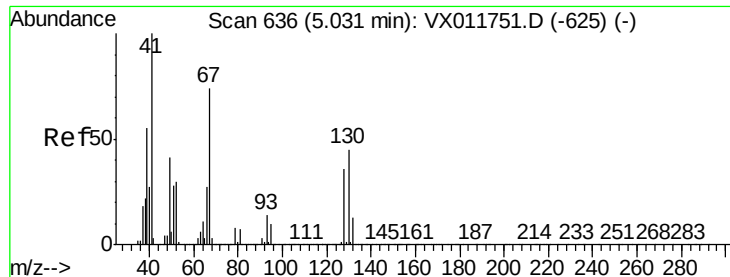
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#40
Benzene
Concen: 49.532 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41

Methacrylonitrile

Concen: 58.527 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

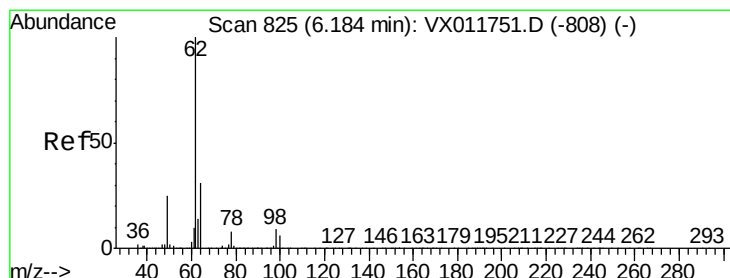
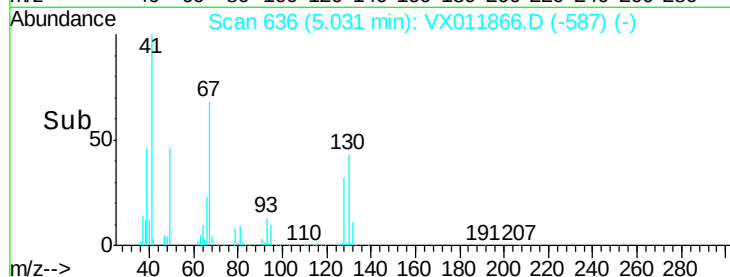
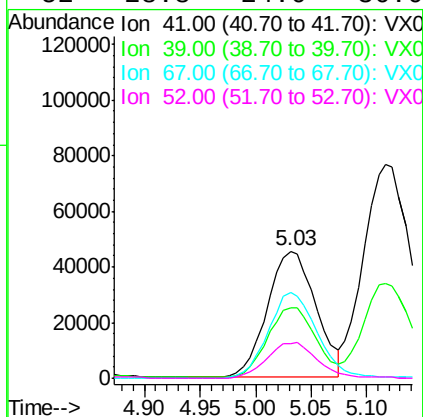
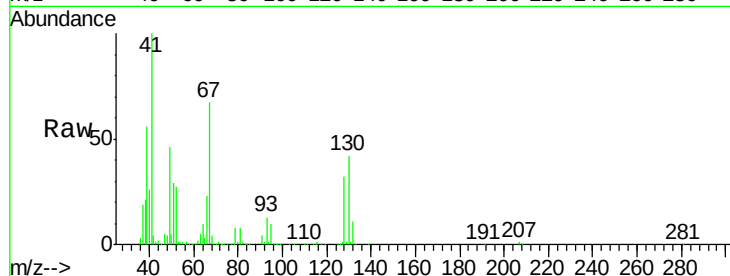
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	44.3	66.5	
67	67.3	60.3	90.5	
52	28.8	24.0	36.0	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.564 ug/l

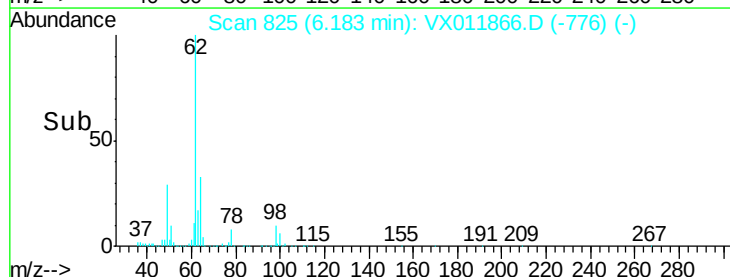
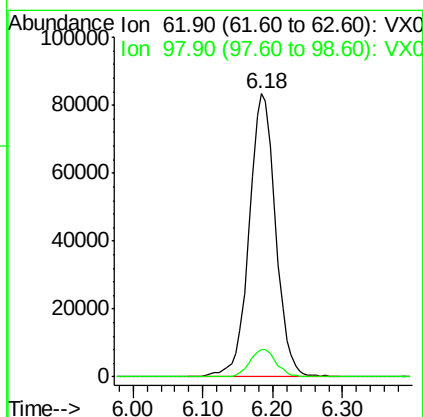
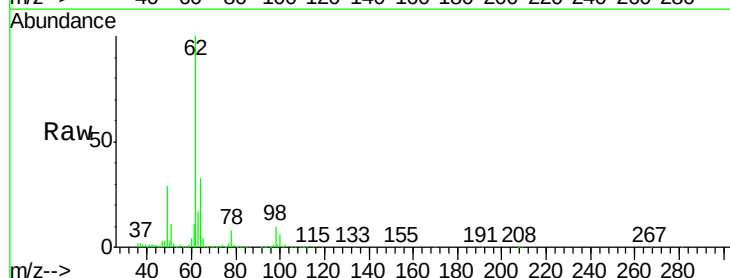
RT: 6.18 min Scan# 825

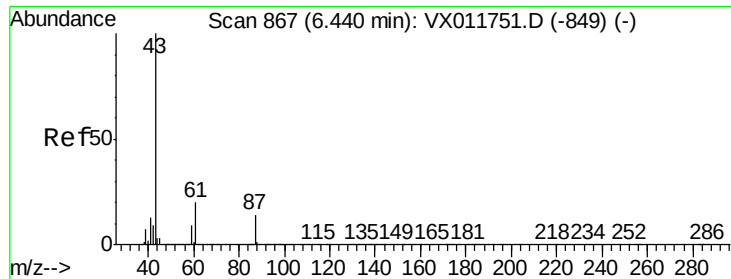
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	18.8	





#43

Isopropyl Acetate

Concen: 62.576 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

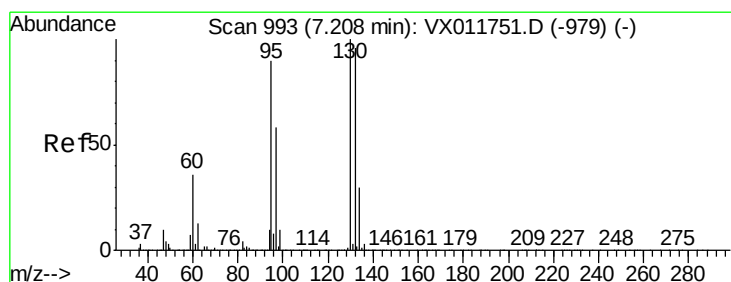
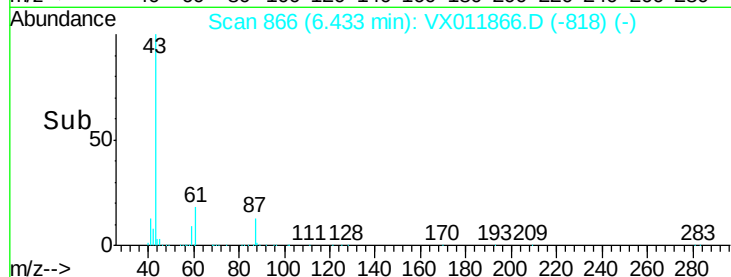
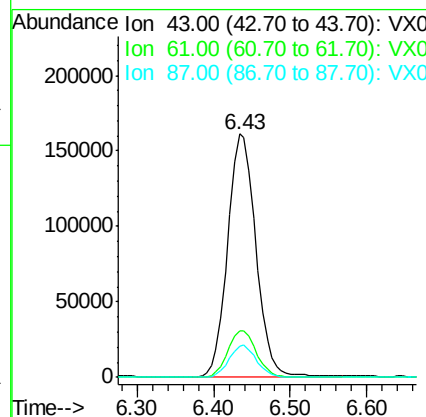
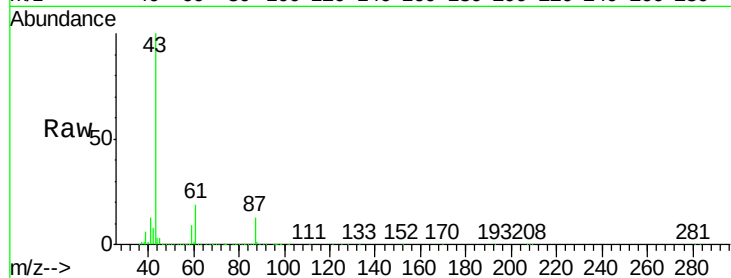
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	409064
Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.2	24.2
87	12.9	11.6	17.4

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#44

Trichloroethene

Concen: 46.448 ug/l

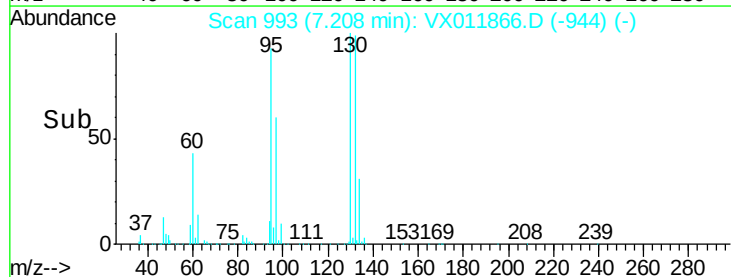
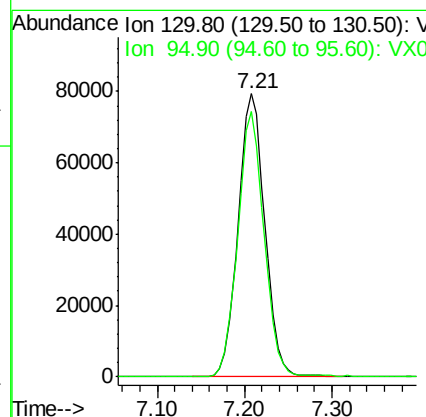
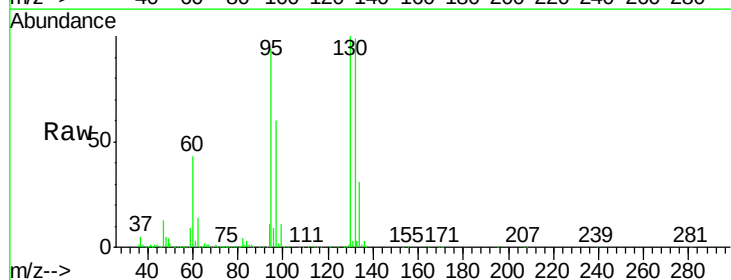
RT: 7.21 min Scan# 993

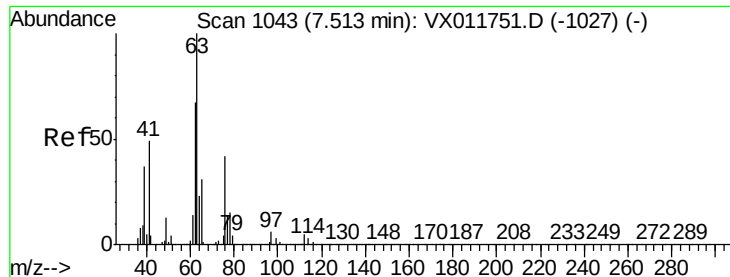
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	130	Resp:	169046
Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	179.0





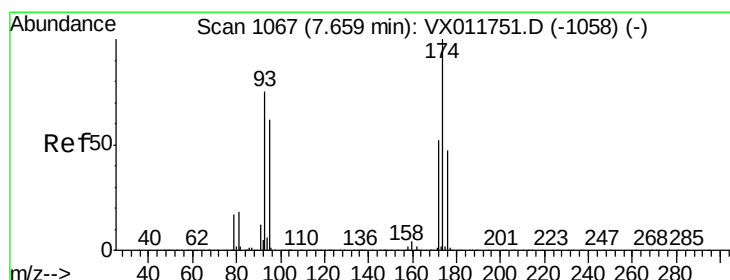
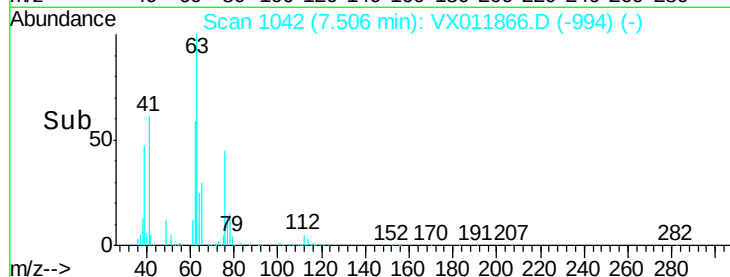
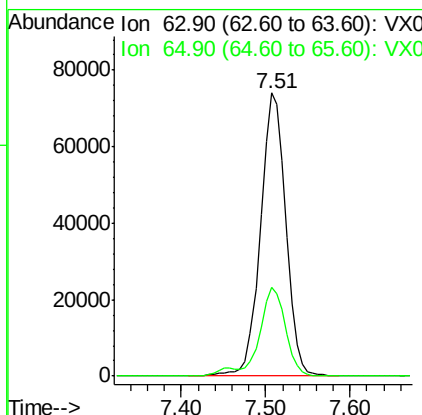
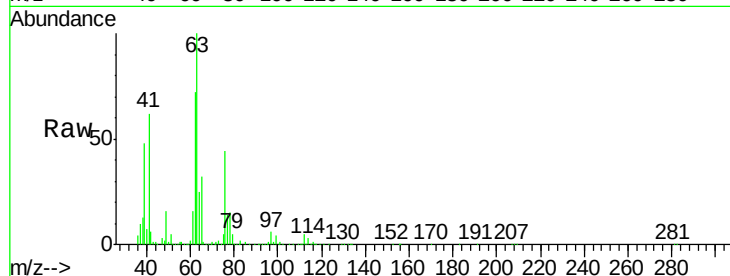
#45
 1,2-Dichloropropane
 Concen: 51.794 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.8	37.2

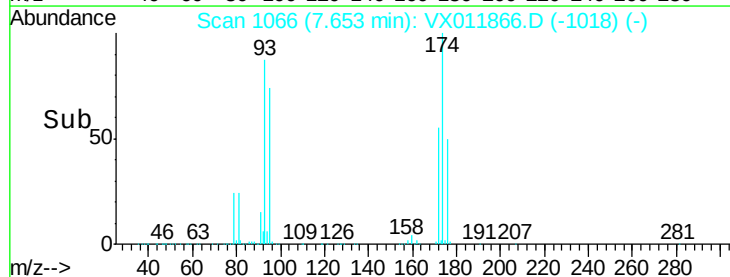
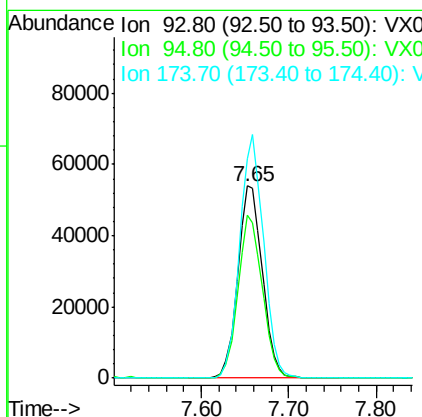
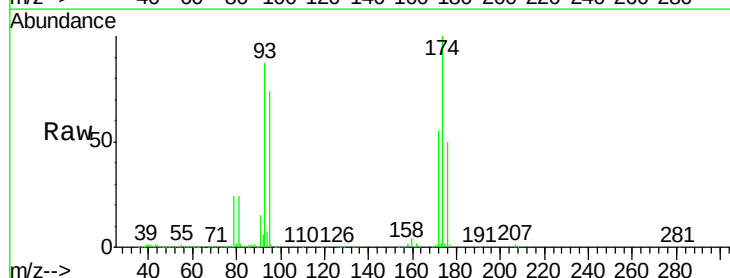
Manual Integrations
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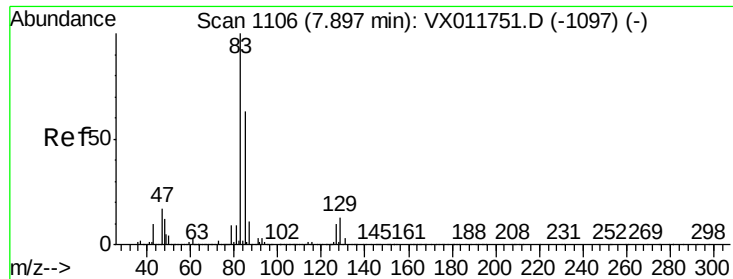
MMDadoda
 8/28/2019 11:44:15 AM



#46
 Dibromomethane
 Concen: 48.394 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.2	99.2
174	122.8	104.2	156.4





#47

Bromodichloromethane

Concen: 56.474 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

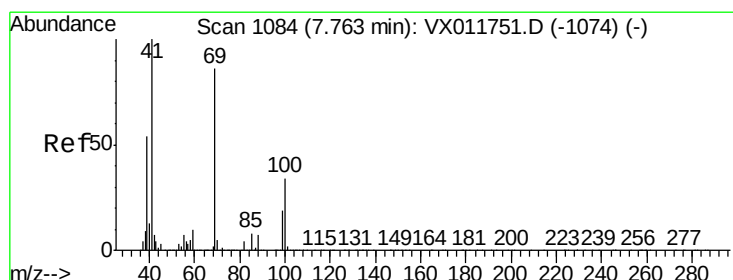
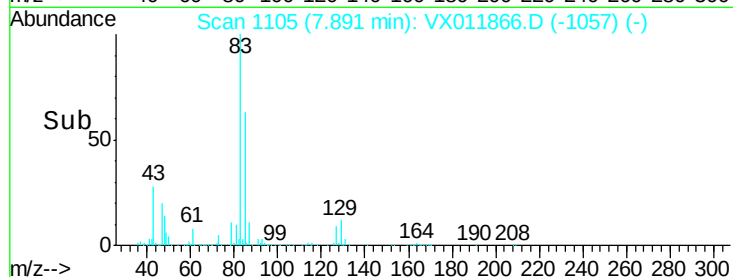
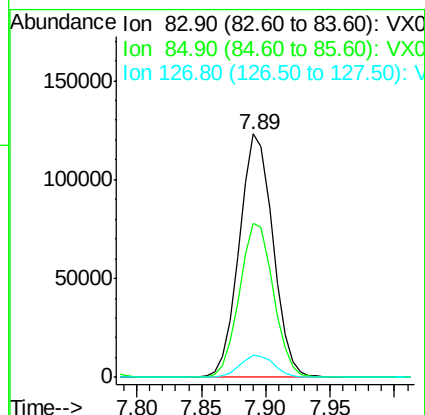
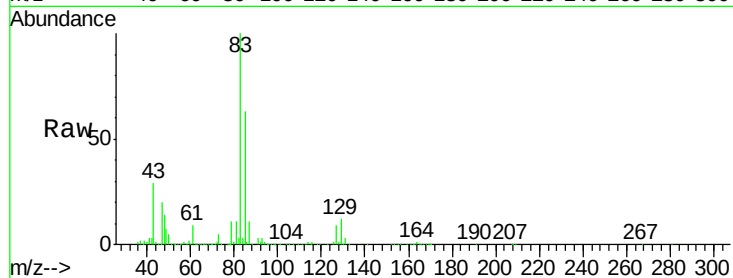
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	222424
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0
127	9.0	8.4	12.6

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#48

Methyl methacrylate

Concen: 61.178 ug/l

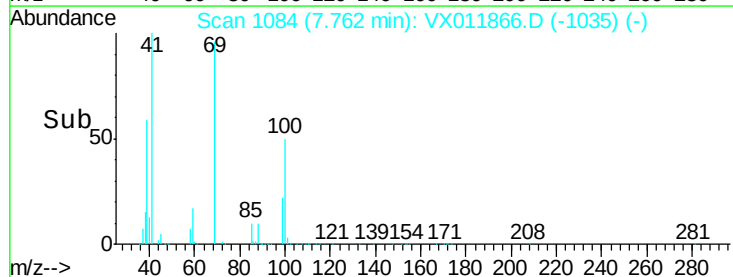
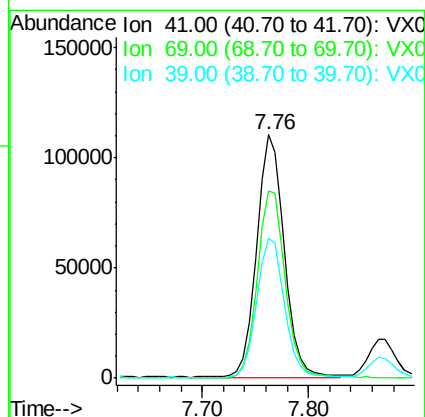
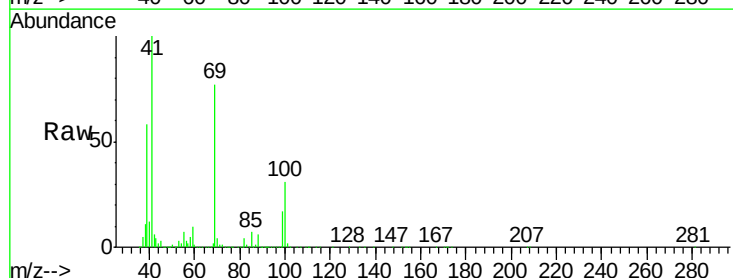
RT: 7.76 min Scan# 1084

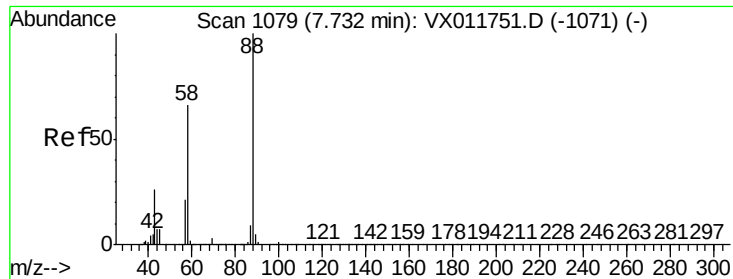
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	41	Resp:	199031
Ion	Ratio	Lower	Upper
41	100		
69	78.4	69.4	104.2
39	58.3	43.6	65.4





#49

1,4-Dioxane

Concen: 946.804 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

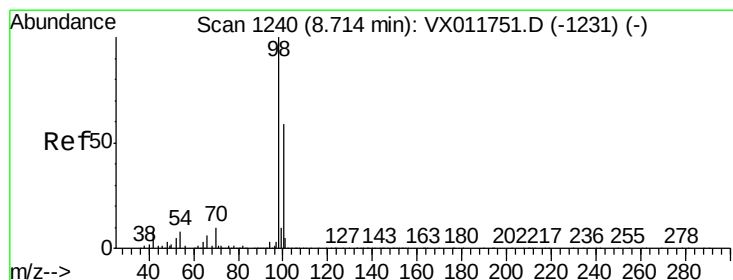
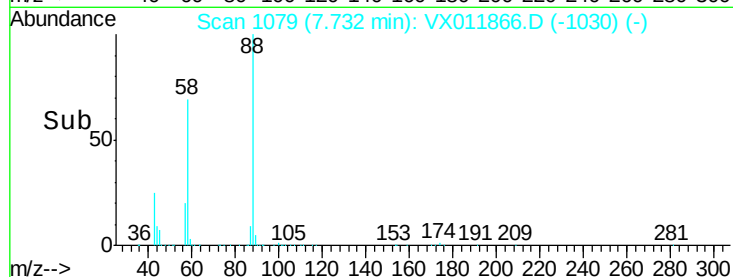
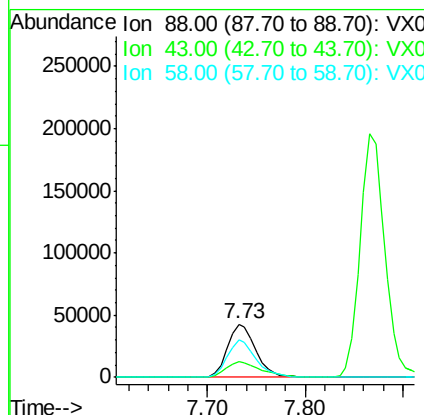
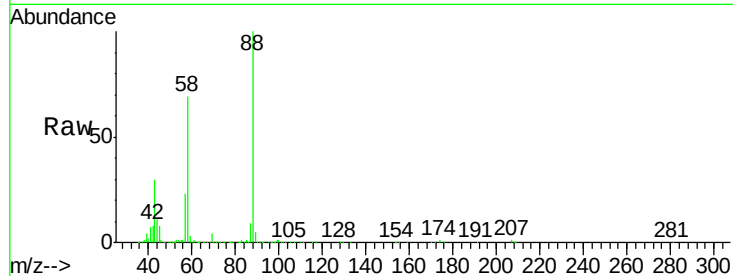
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	85344
Ion Ratio	Lower	Upper	
88	100		
43	34.0	24.6	37.0
58	70.5	51.4	77.2

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#50

Toluene-d8

Concen: 53.553 ug/l

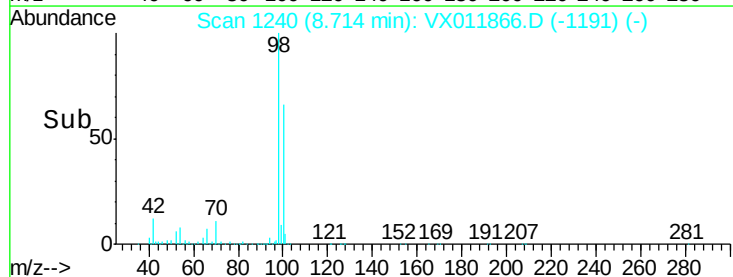
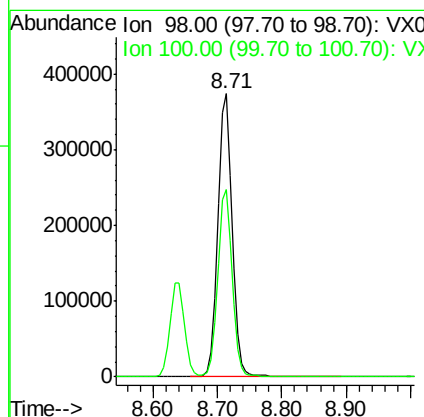
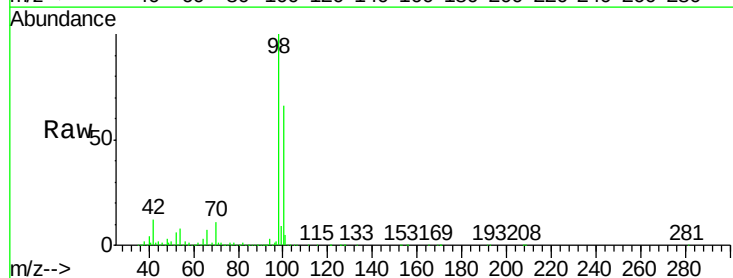
RT: 8.71 min Scan# 1240

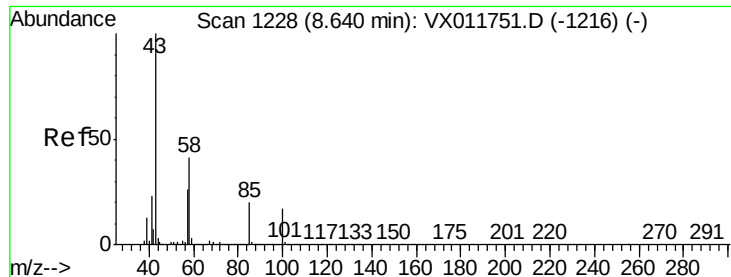
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	98	Resp:	587881
Ion Ratio	Lower	Upper	
98	100		
100	66.6	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 287.700 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1239259

Ion Ratio Lower Upper

43 100

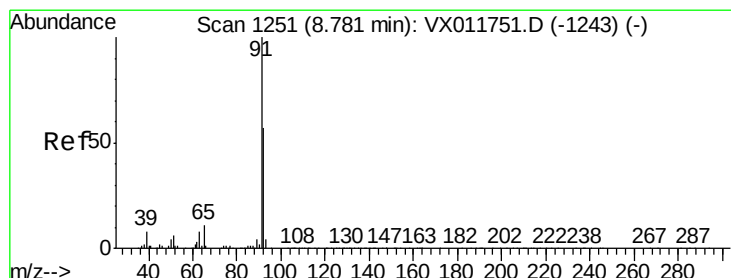
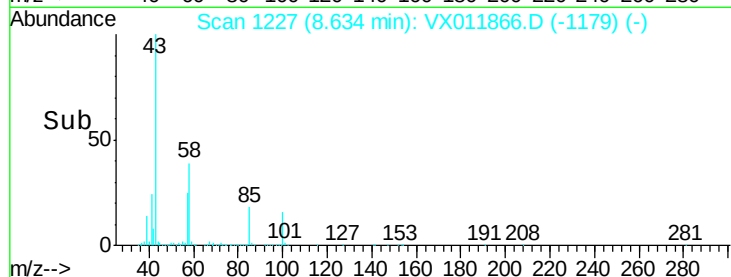
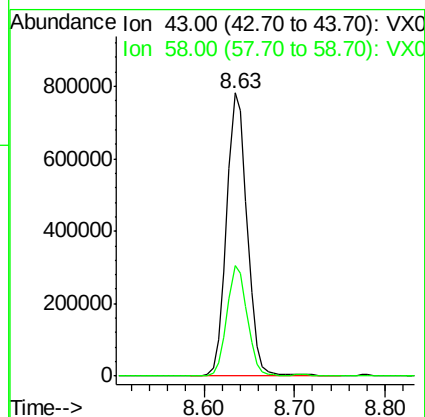
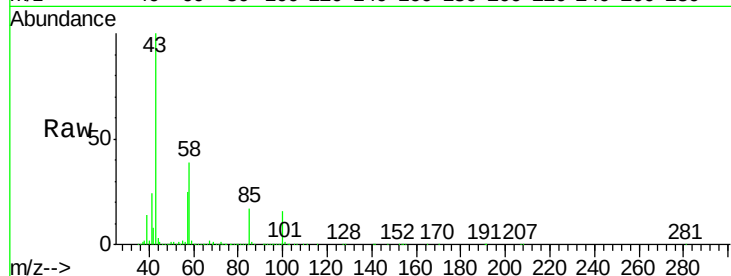
58 38.3 31.8 47.6

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#52

Toluene

Concen: 48.888 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011866.D

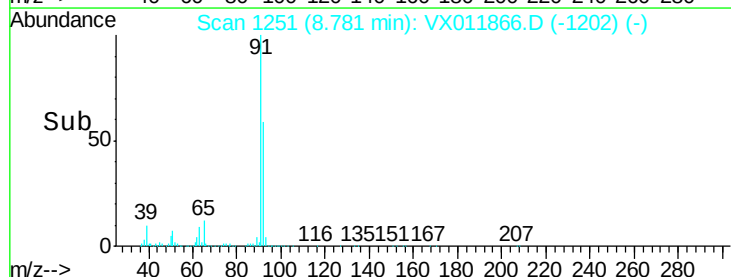
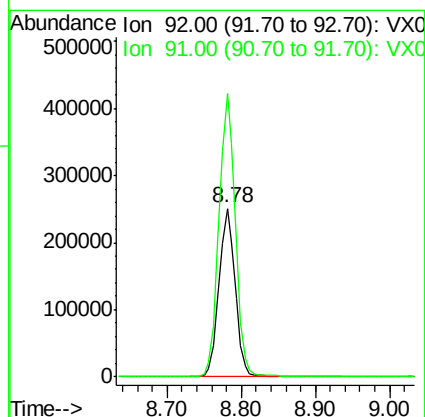
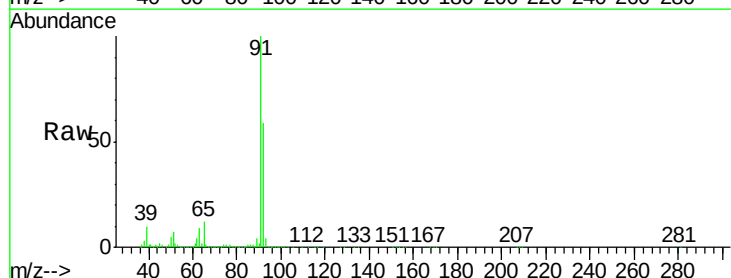
Acq: 27 Aug 2019 21:32

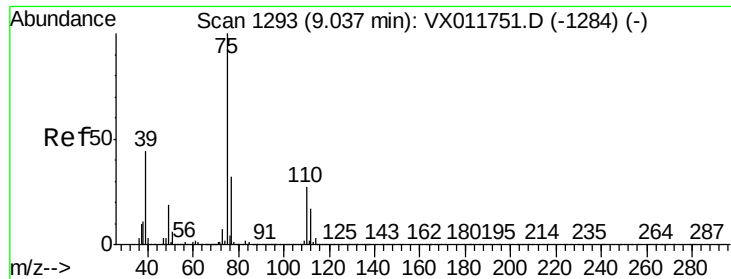
Tgt Ion: 92 Resp: 373516

Ion Ratio Lower Upper

92 100

91 170.6 138.6 207.8





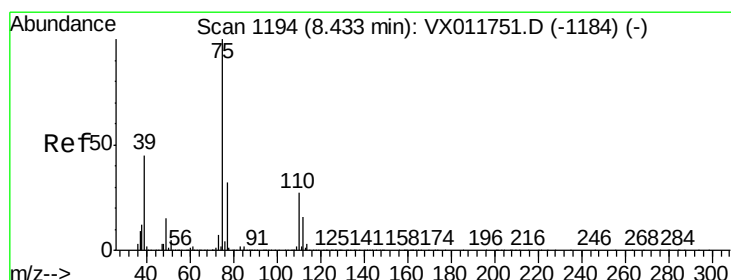
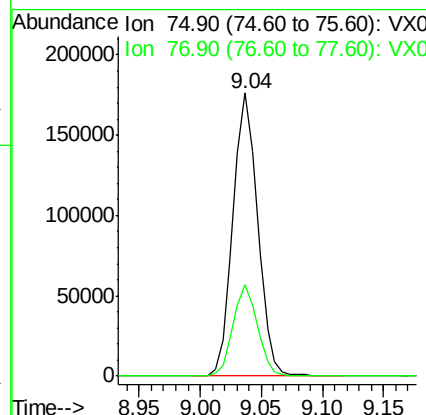
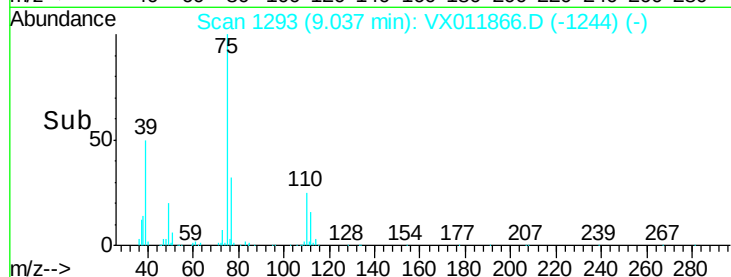
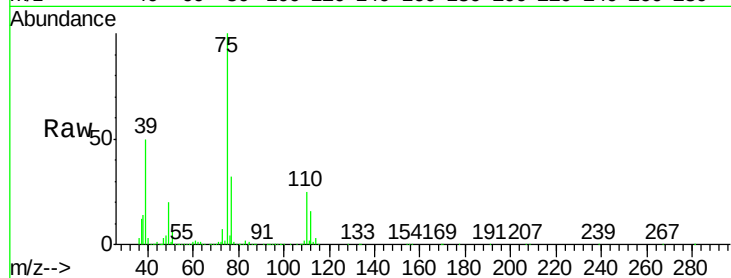
#53
t-1,3-Dichloropropene
Concen: 59.701 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0

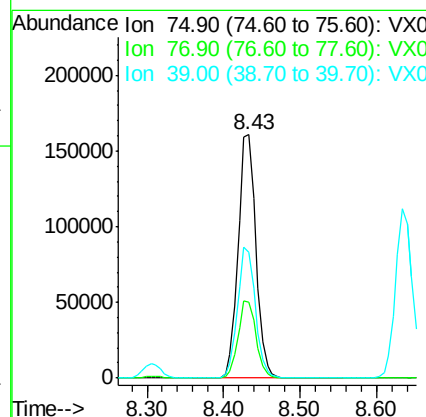
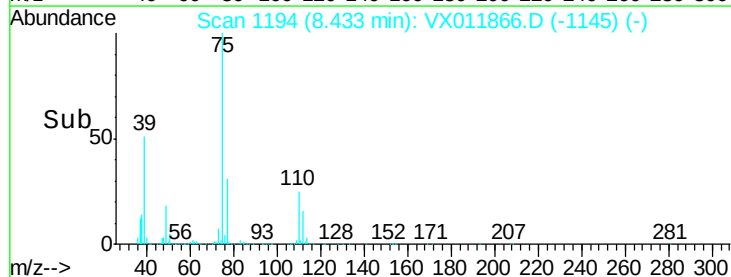
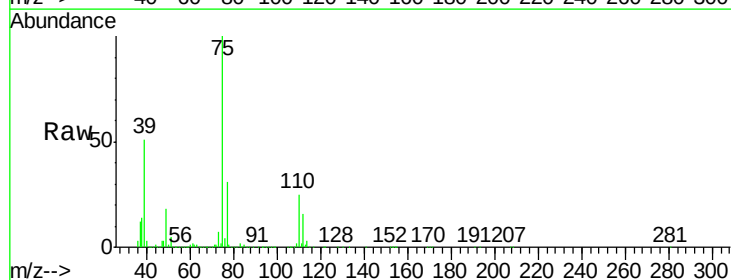
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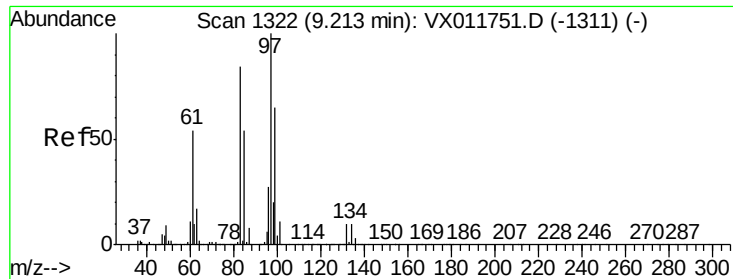
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 57.519 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	51.3	36.2	54.4





#55

1,1,2-Trichloroethane

Concen: 48.272 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

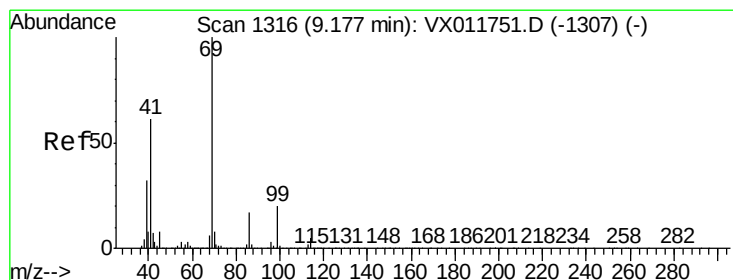
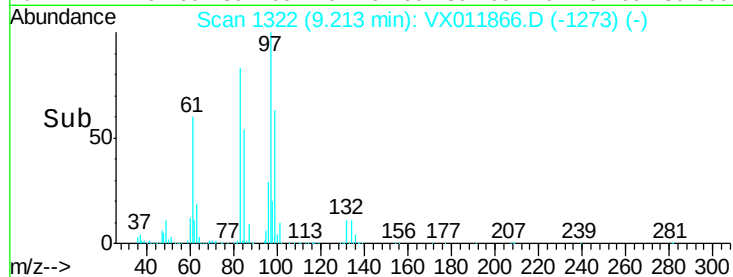
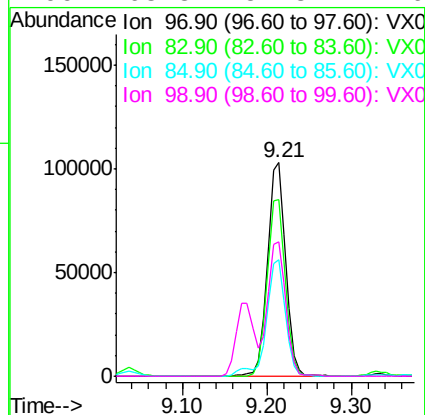
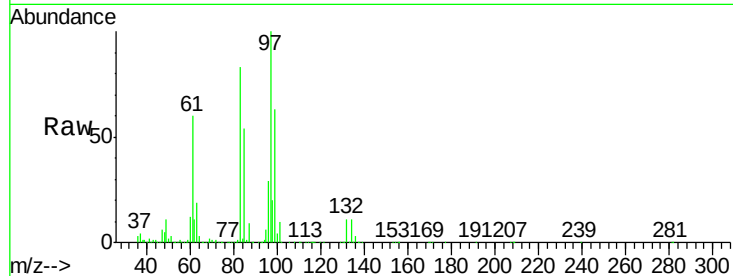
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	153655
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.3	100.9
85	54.2	43.4	65.2
99	63.3	51.8	77.6

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#56

Ethyl methacrylate

Concen: 58.154 ug/l

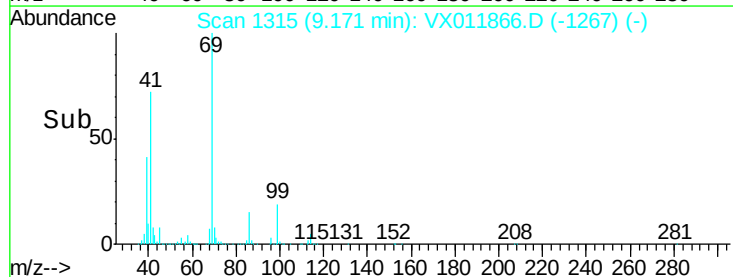
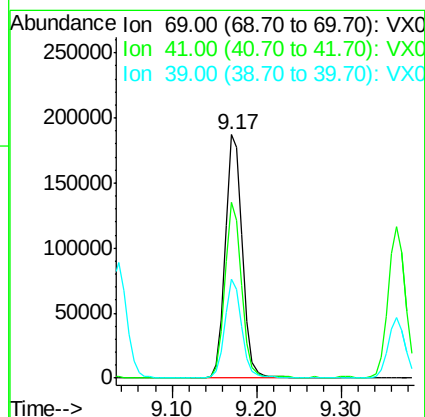
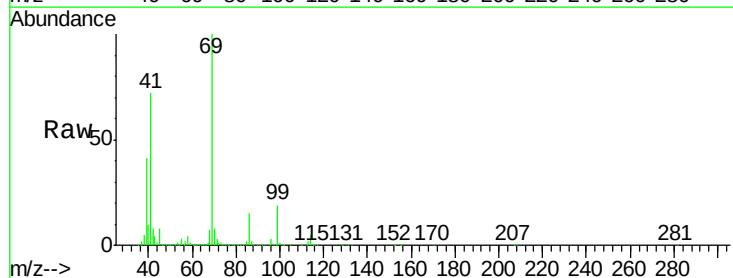
RT: 9.17 min Scan# 1315

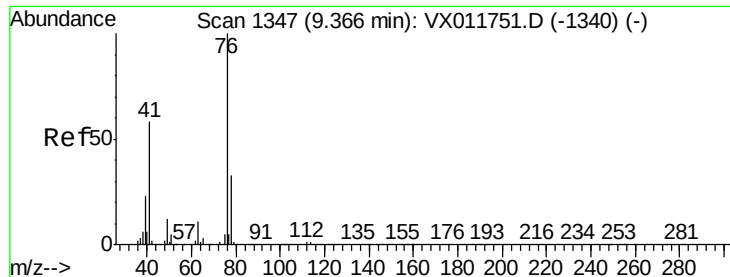
Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	69	Resp:	263258
Ion	Ratio	Lower	Upper
69	100		
41	70.2	50.7	76.1
39	39.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 50.284 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 258450

Ion Ratio Lower Upper

76 100

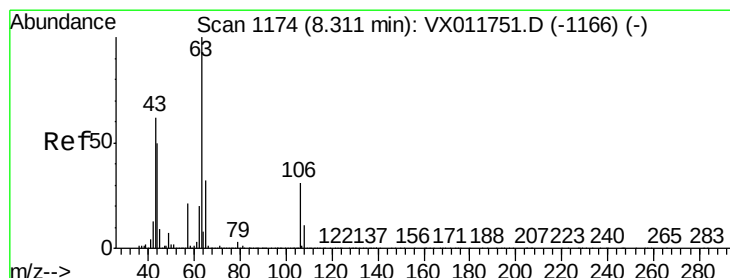
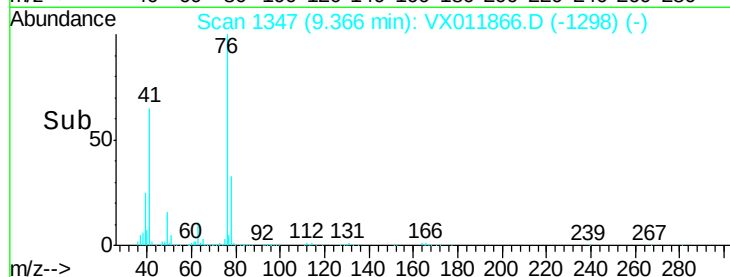
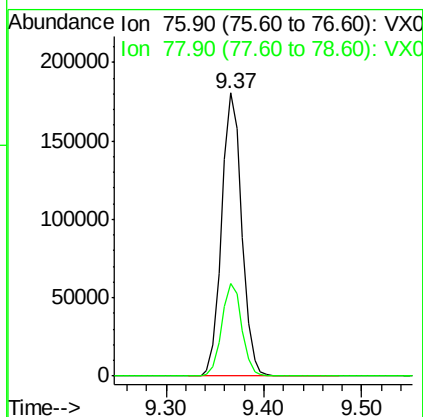
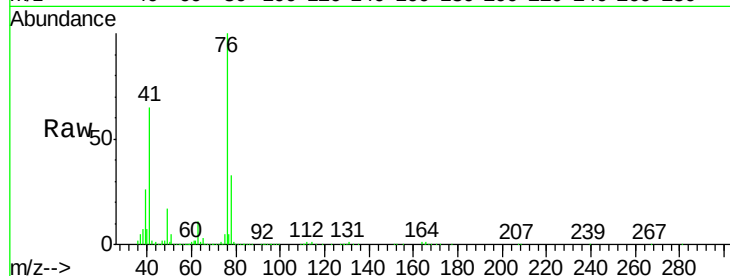
78 32.7 26.6 39.8

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#58

2-Chloroethyl Vinyl ether

Concen: 284.659 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011866.D

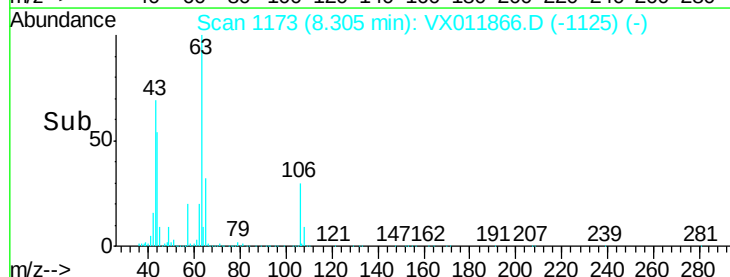
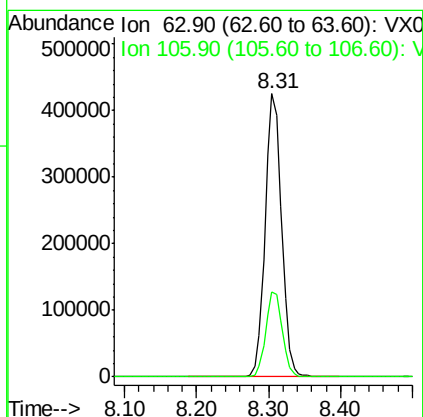
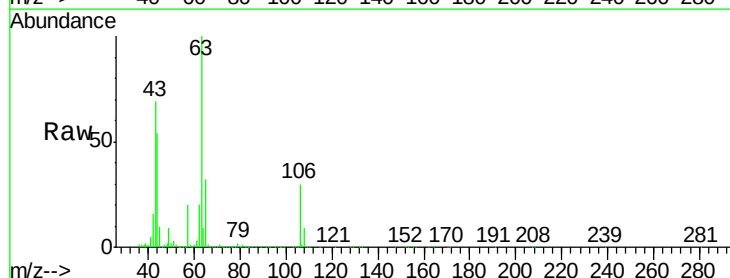
Acq: 27 Aug 2019 21:32

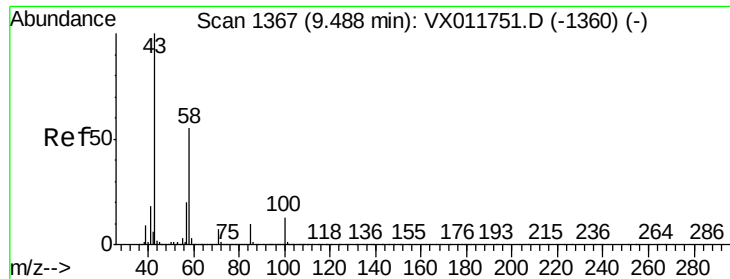
Tgt Ion: 63 Resp: 677870

Ion Ratio Lower Upper

63 100

106 30.2 24.9 37.3





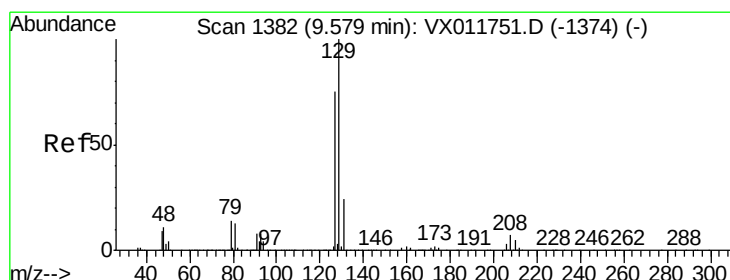
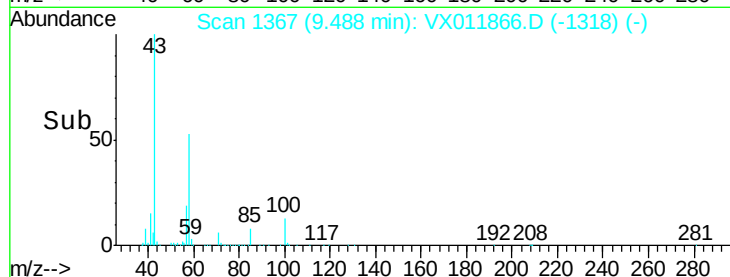
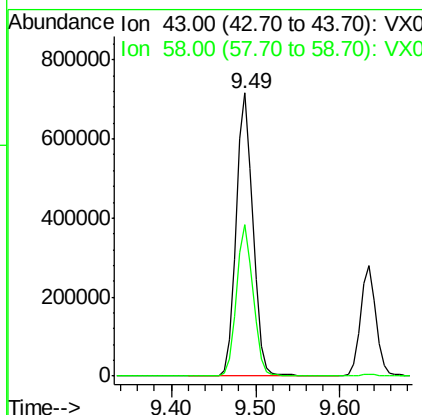
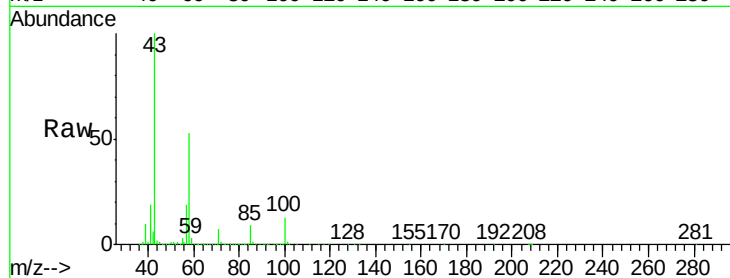
#59
2-Hexanone
Concen: 289.950 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 958605
Ion Ratio Lower Upper
43 100
58 53.1 27.7 83.1

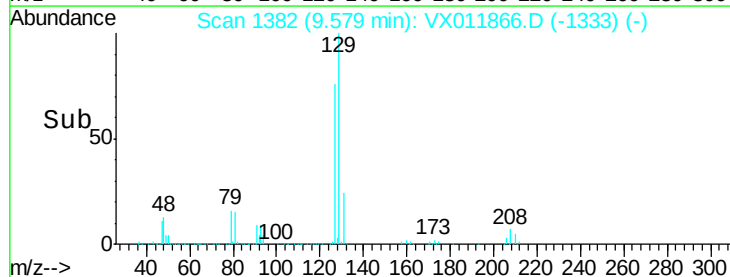
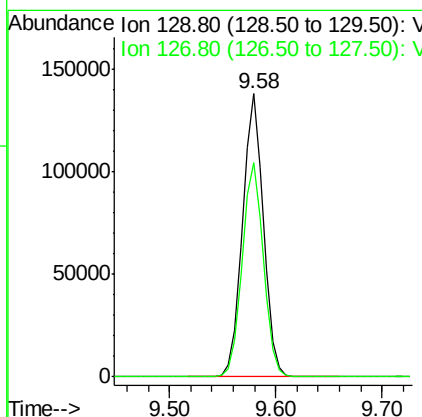
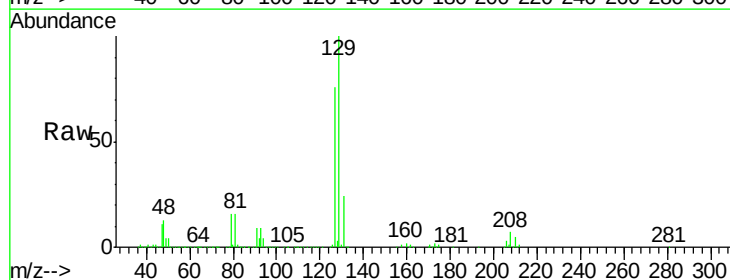
Manual Integrations
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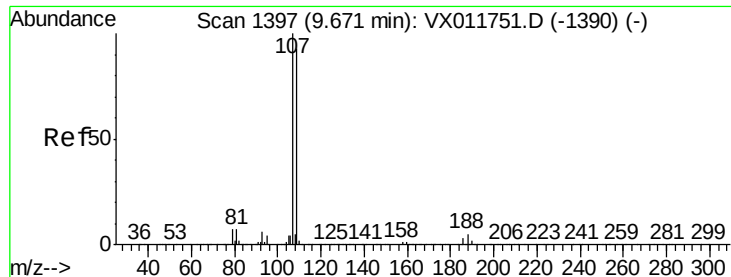
MMDadoda
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#60
Dibromochloromethane
Concen: 55.424 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion: 129 Resp: 190748
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.189 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 168003

Ion Ratio Lower Upper

107 100

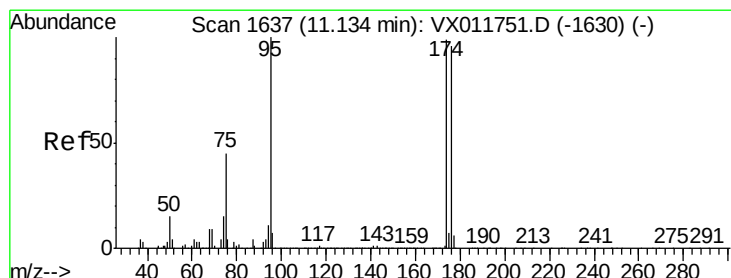
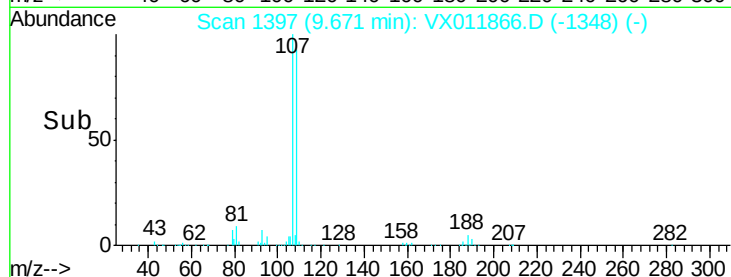
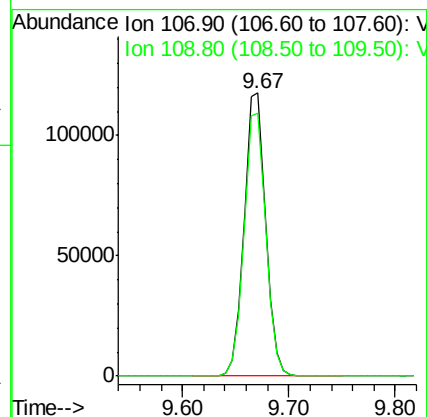
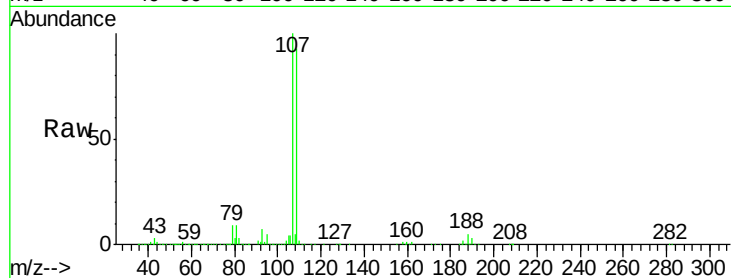
109 94.3 75.8 113.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.619 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

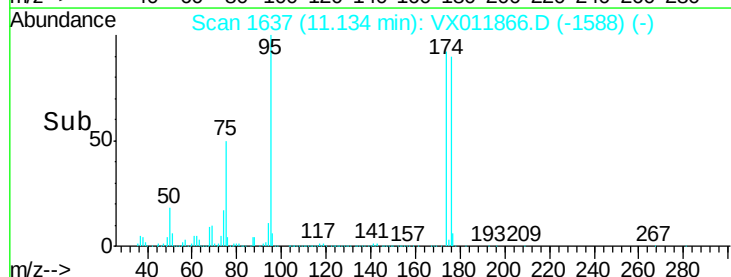
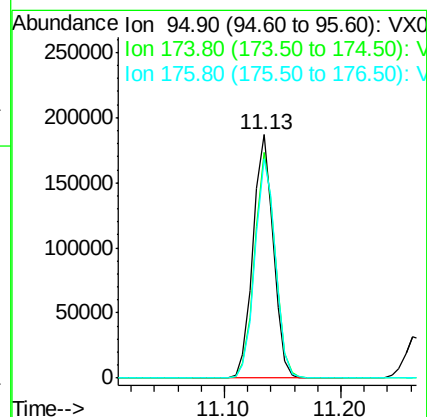
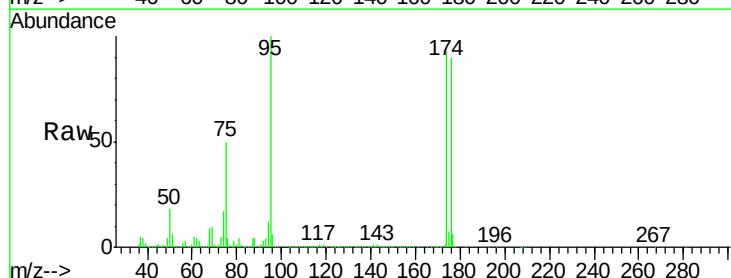
Tgt Ion: 95 Resp: 228315

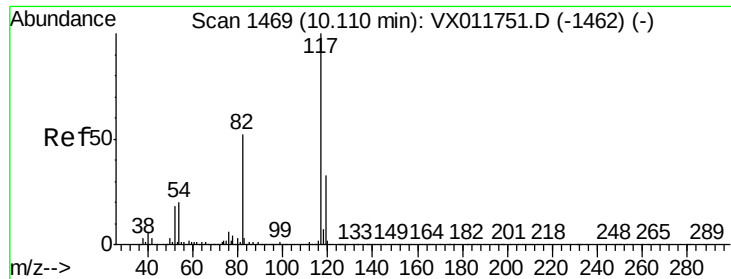
Ion Ratio Lower Upper

95 100

174 93.0 0.0 197.4

176 90.6 0.0 194.4





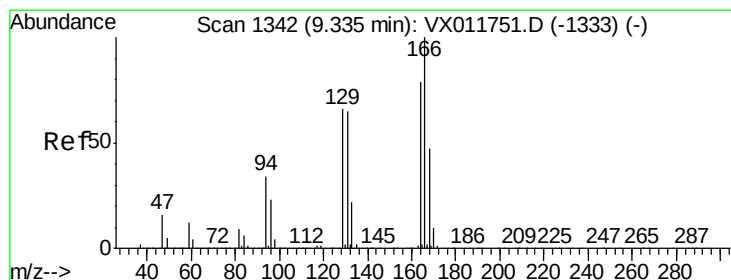
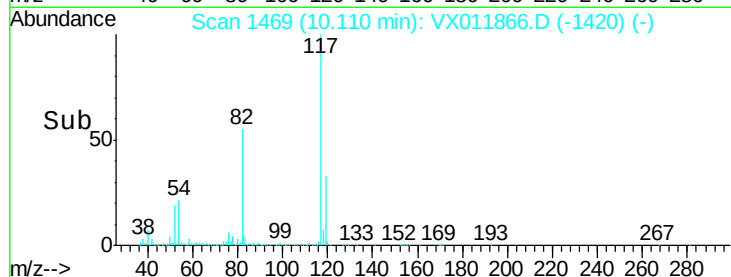
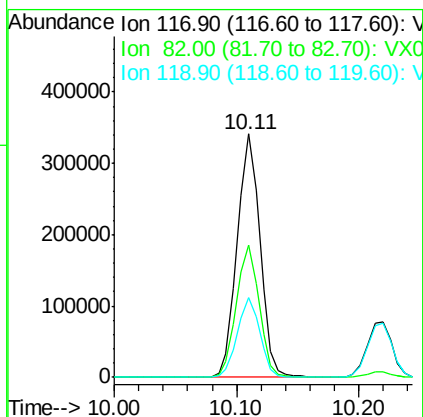
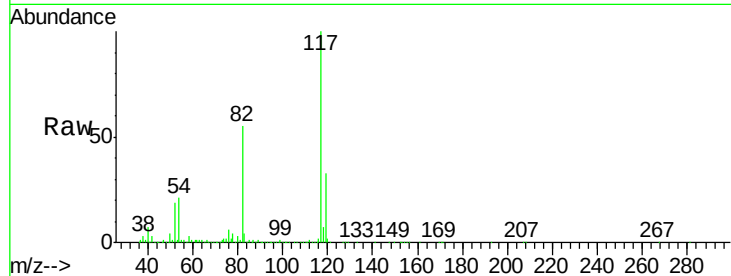
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.7	62.5
119	32.6	26.2	39.2

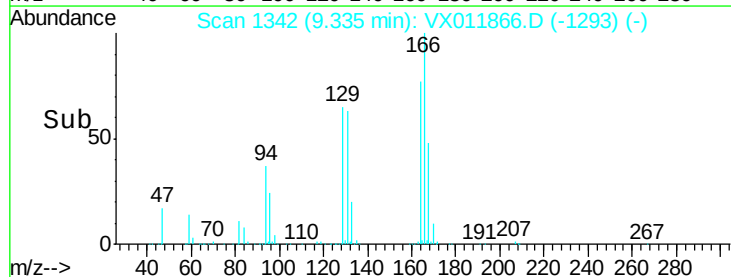
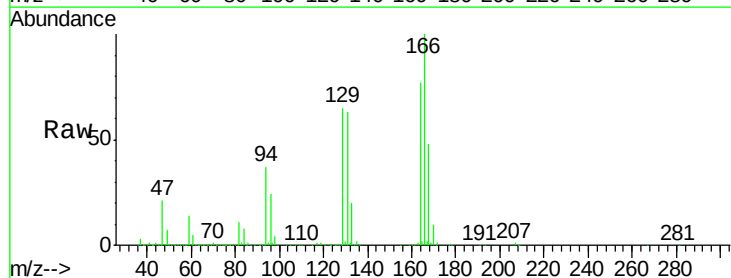
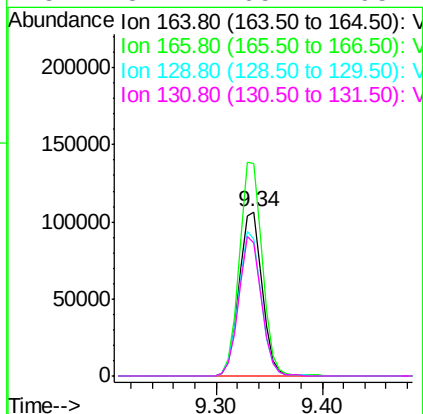
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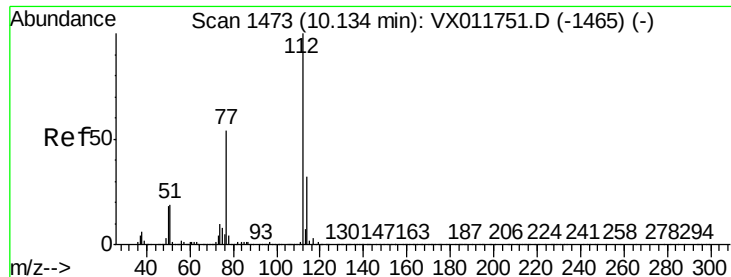
MMDadoda
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#64
Tetrachloroethene
Concen: 46.142 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.7	151.1
129	84.0	66.8	100.2
131	81.4	65.4	98.2





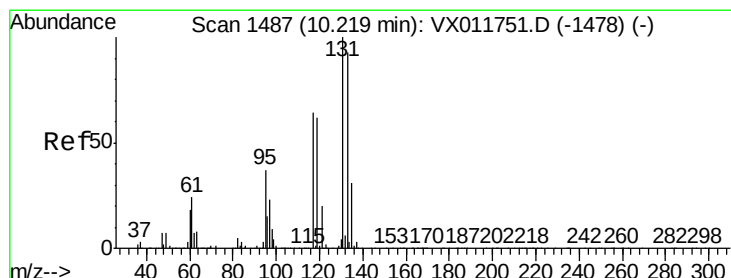
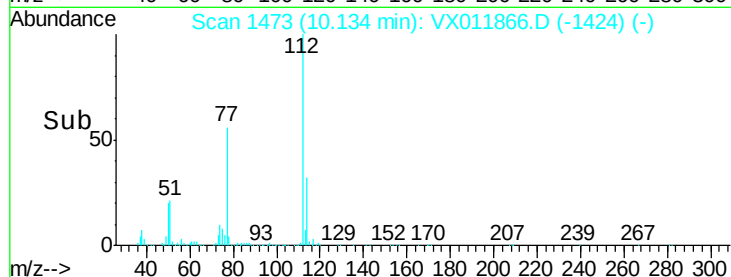
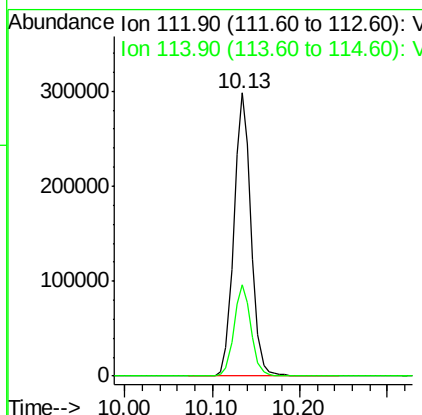
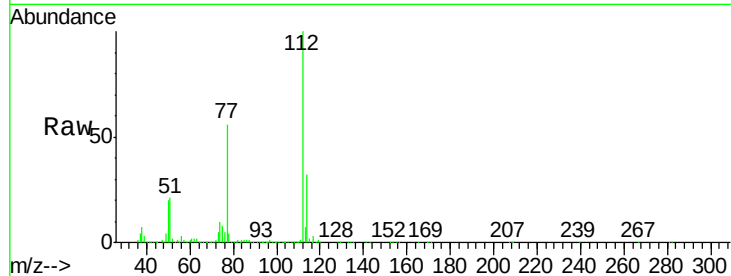
#65
Chlorobenzene
Concen: 47.529 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.4	38.0

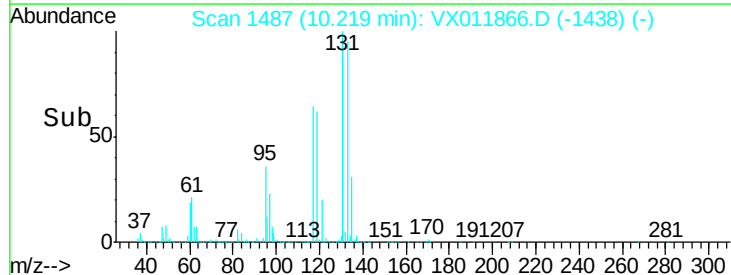
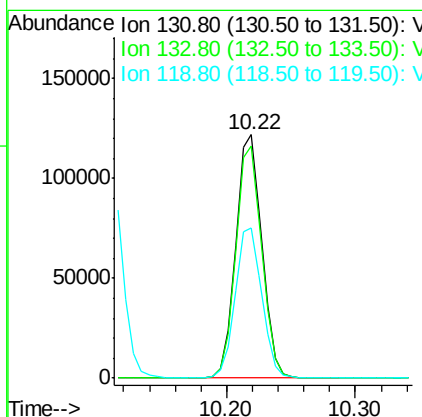
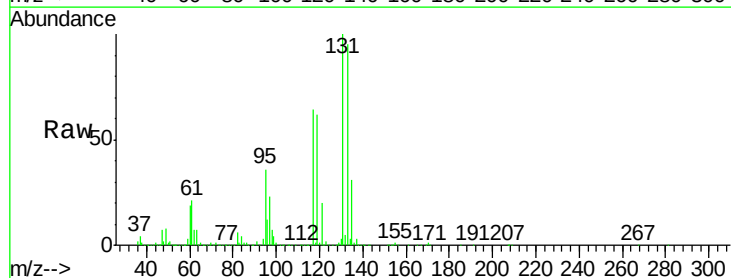
Manual Integrations
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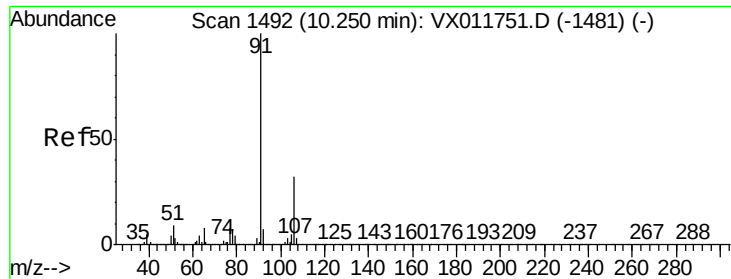
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.223 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.8	143.4
119	62.7	31.3	93.8





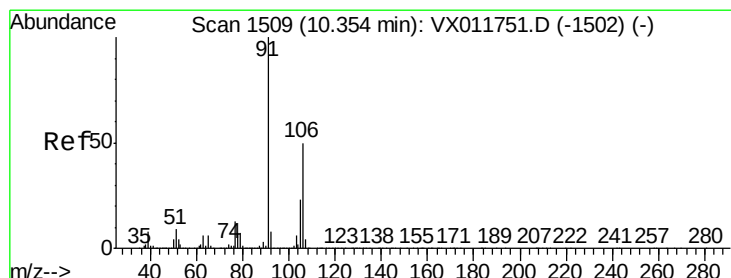
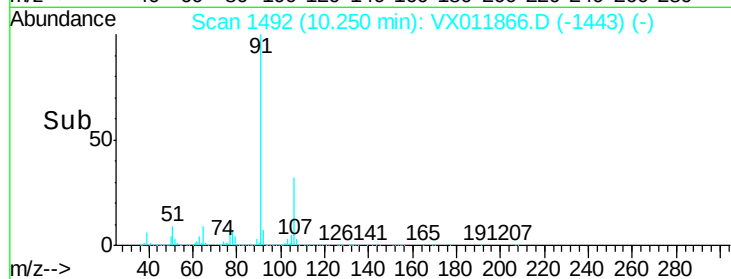
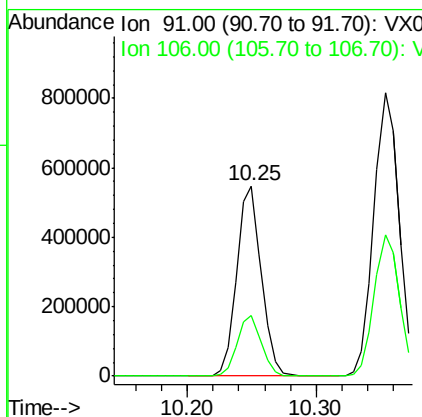
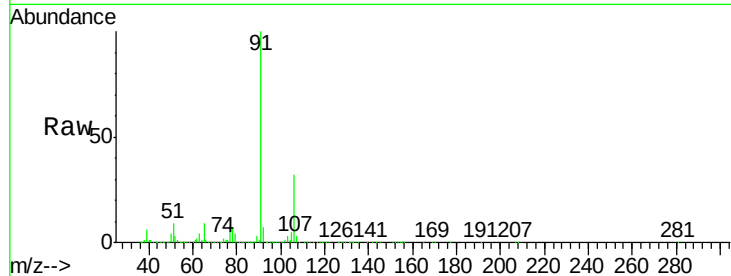
#67
Ethyl Benzene
Concen: 50.379 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.5	38.3

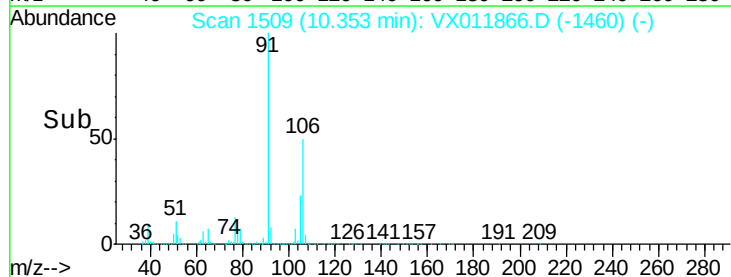
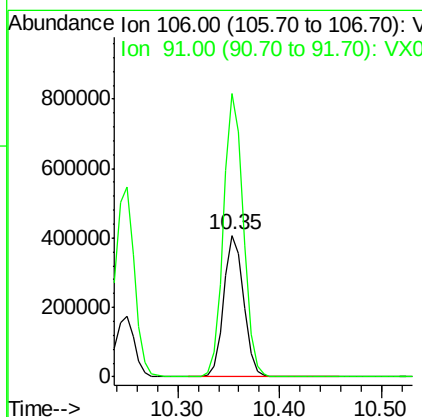
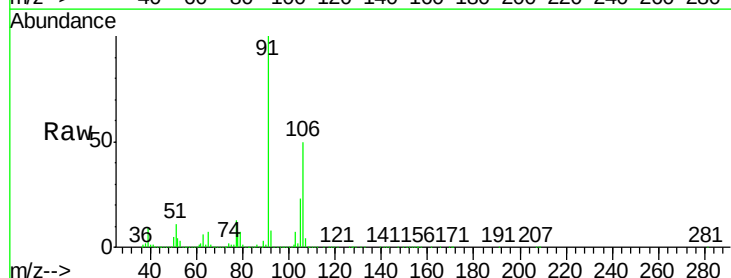
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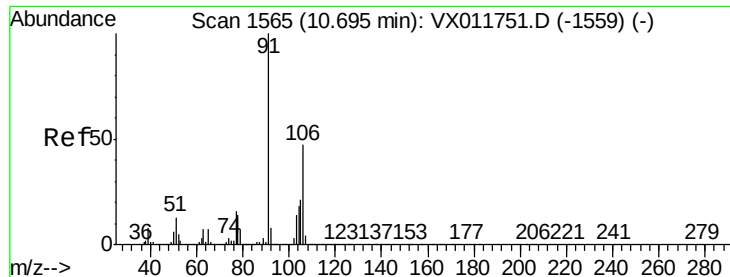
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#68
m/p-Xylenes
Concen: 99.591 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.7	158.3	237.5





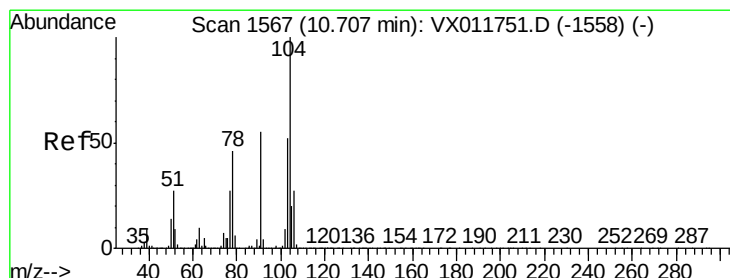
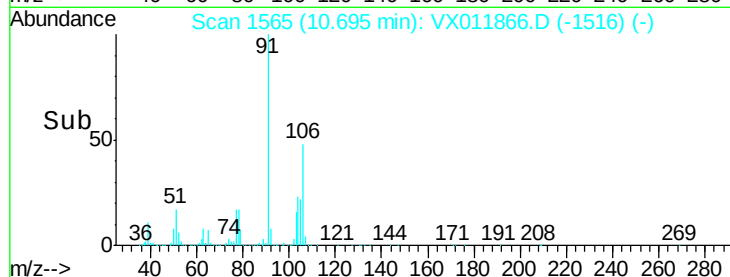
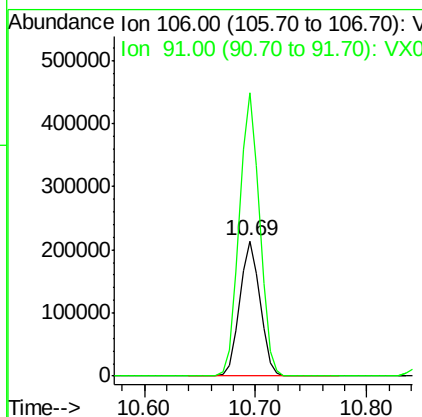
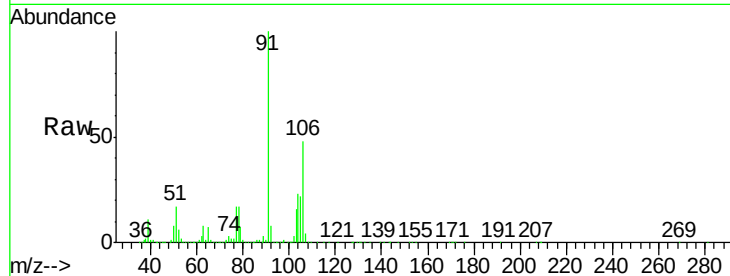
#69
o-Xylene
Concen: 49.774 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	270525		
91	210.1	105.0	314.9		

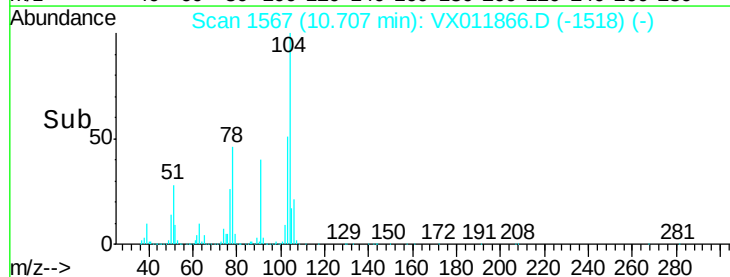
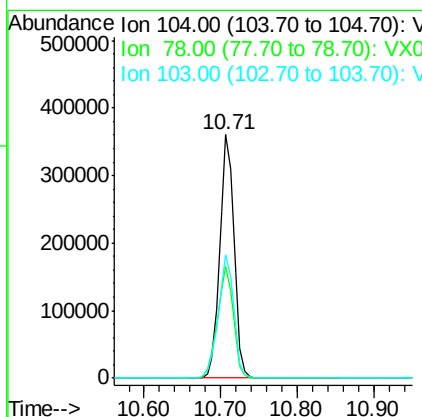
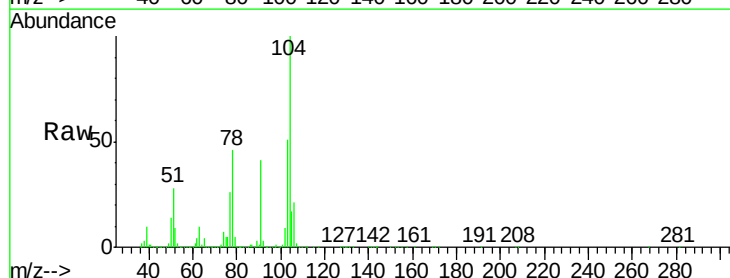
Manual Integrations
APPROVED

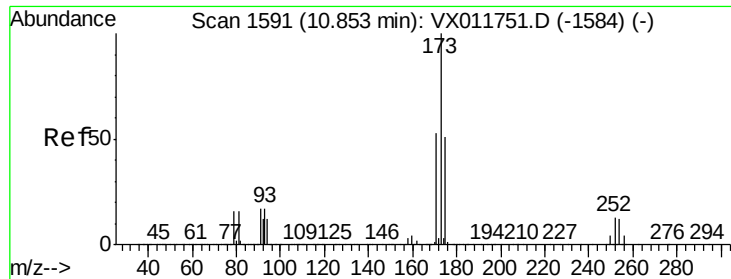
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#70
Styrene
Concen: 51.408 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	467405		
78	50.4	39.2	58.8		
103	54.5	44.5	66.7		





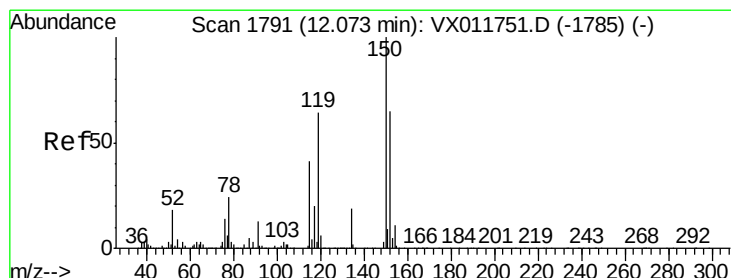
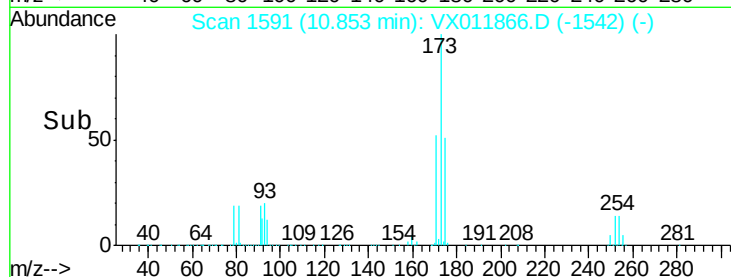
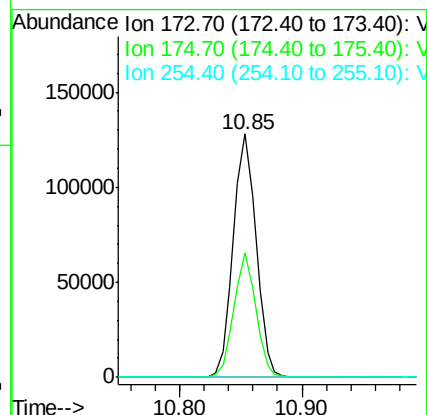
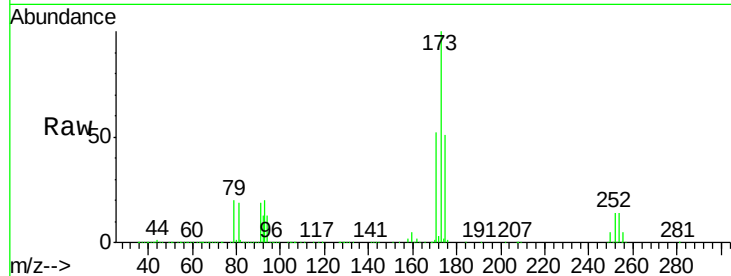
#71
Bromoform
Concen: 59.515 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	25.1	75.3
254	0.2	0.2	0.4

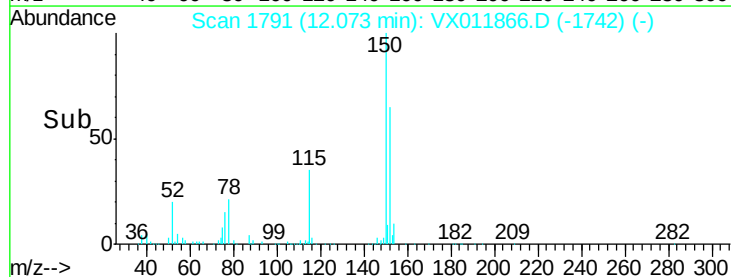
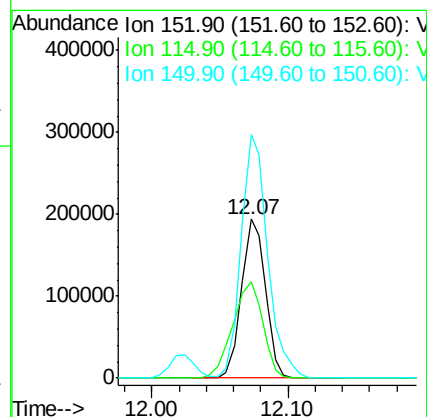
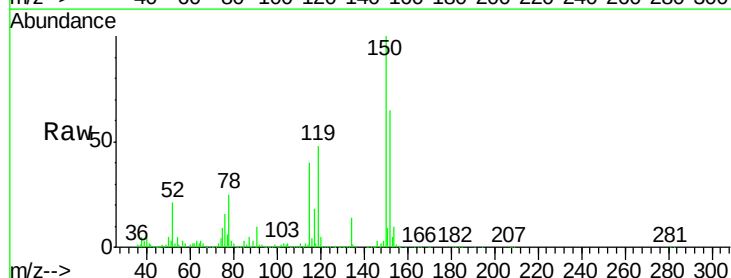
Manual Integrations
APPROVED

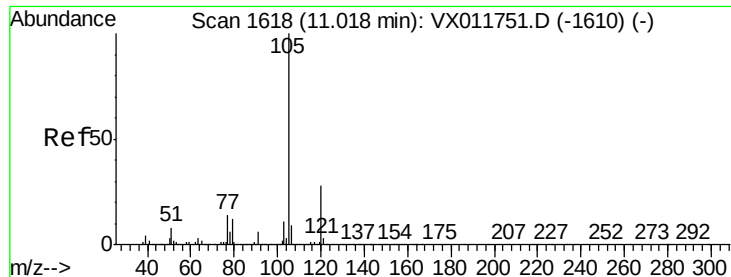
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.3	37.3	111.8
150	169.6	0.0	343.0





#73

Isopropylbenzene

Concen: 50.662 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 724005

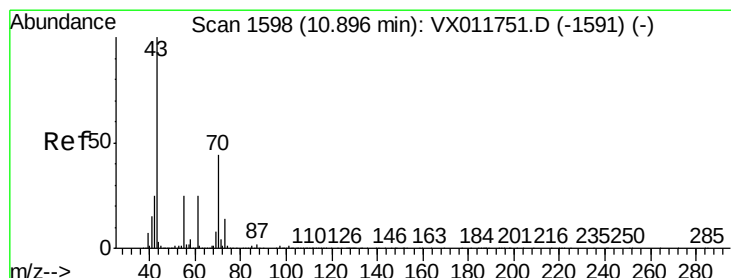
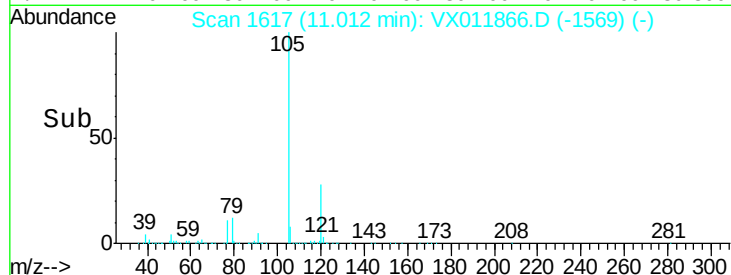
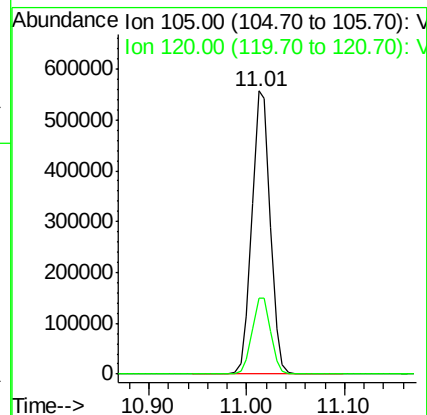
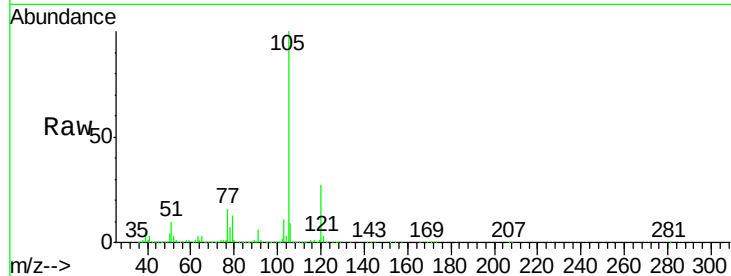
Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 65.212 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion: 43 Resp: 360805

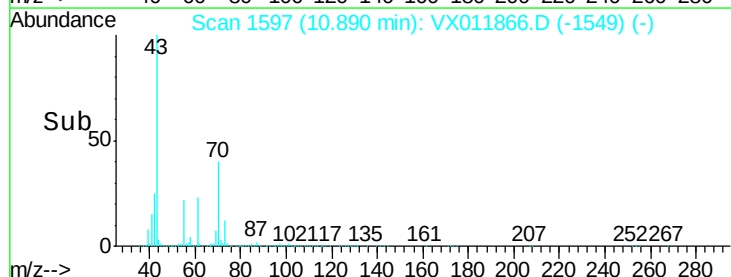
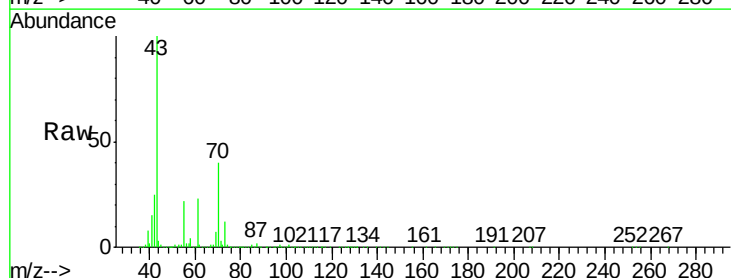
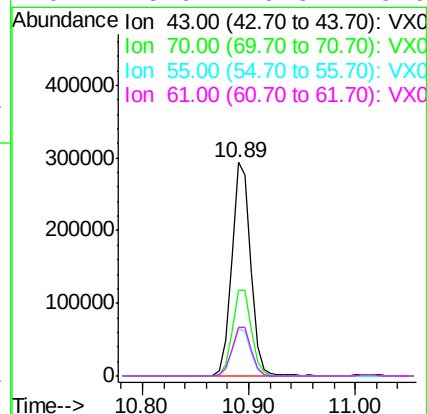
Ion Ratio Lower Upper

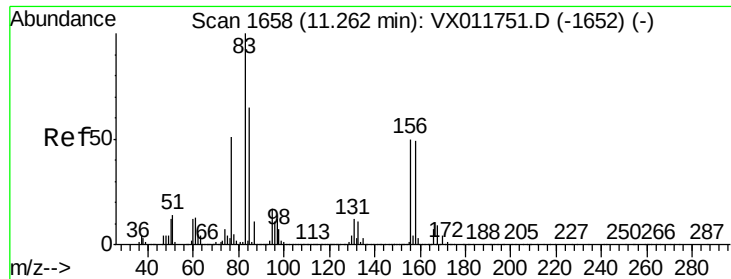
43 100

70 41.0 34.8 52.2

55 22.1 19.5 29.3

61 23.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.054 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

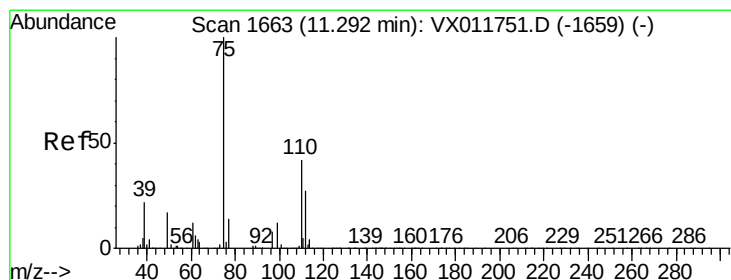
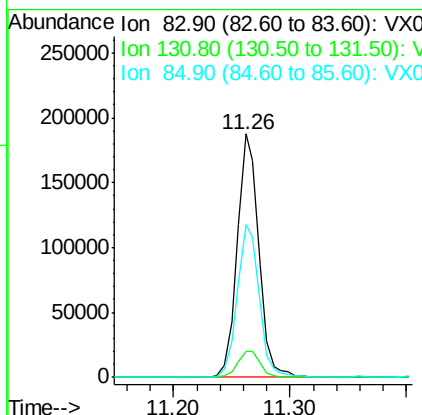
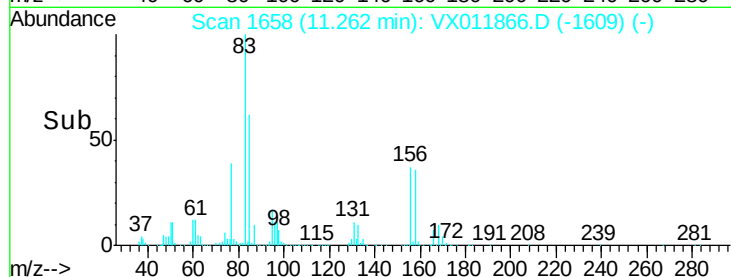
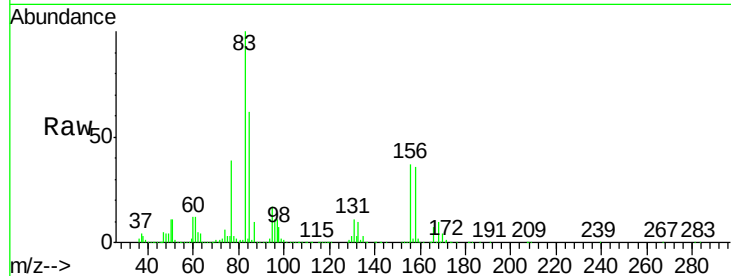
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	241502
Ion Ratio	Lower	Upper	
83	100		
131	11.3	6.1	18.3
85	63.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.065 ug/l m

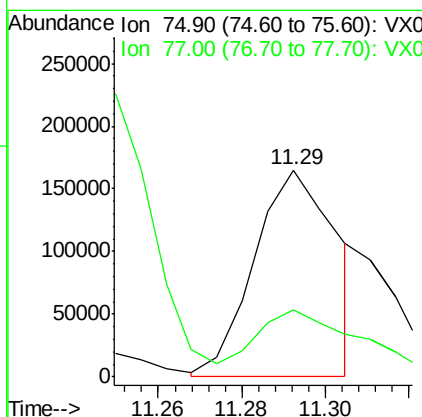
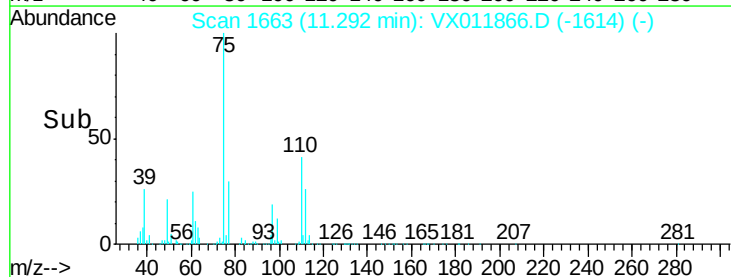
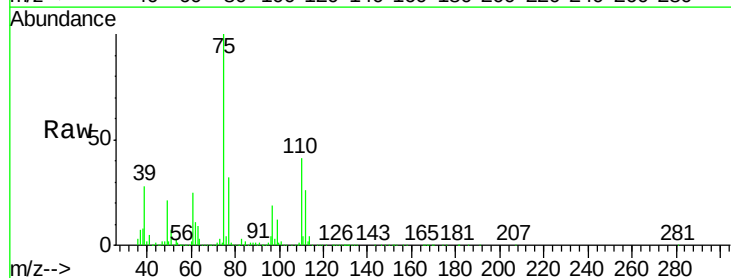
RT: 11.29 min Scan# 1663

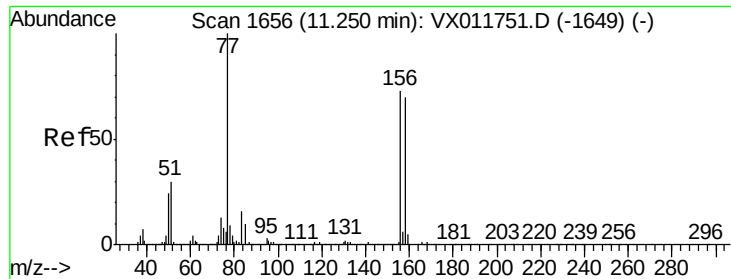
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	75	Resp:	224969
Ion Ratio	Lower	Upper	
75	100		
77	41.4	21.1	63.3





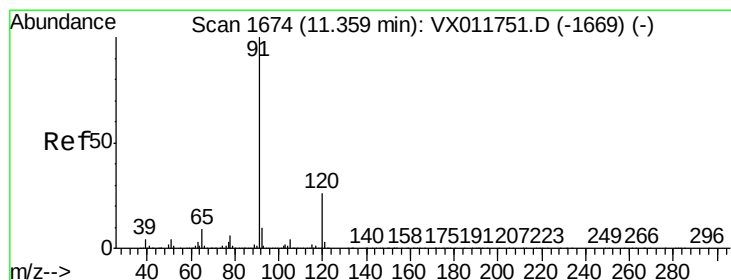
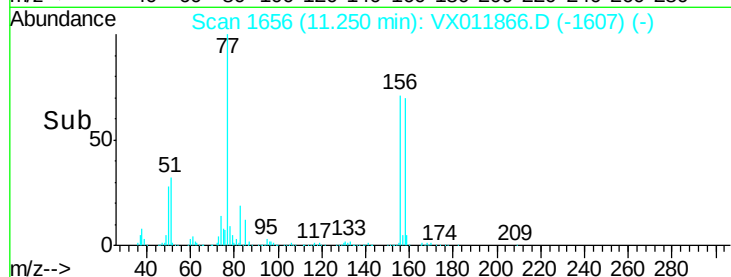
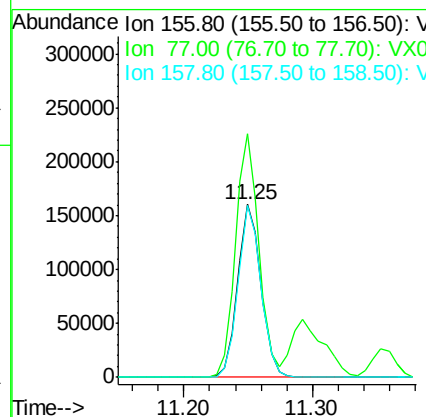
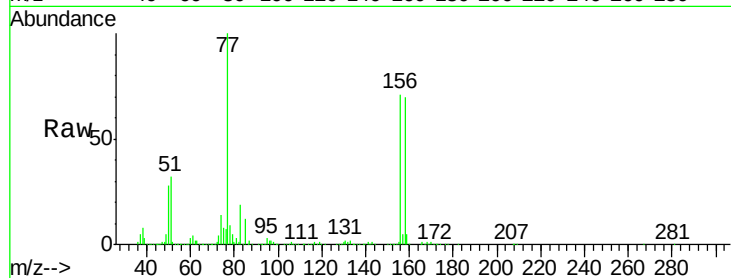
#77
Bromobenzene
Concen: 48.045 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.4	65.3	196.0
158	97.5	48.4	145.0

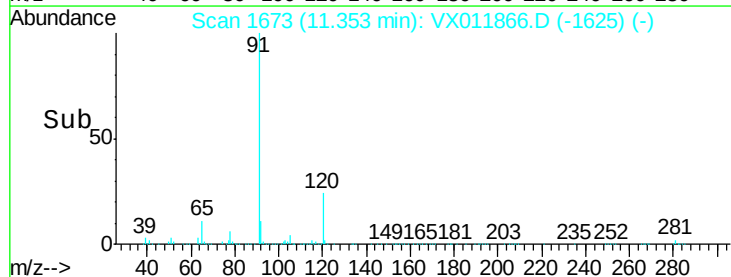
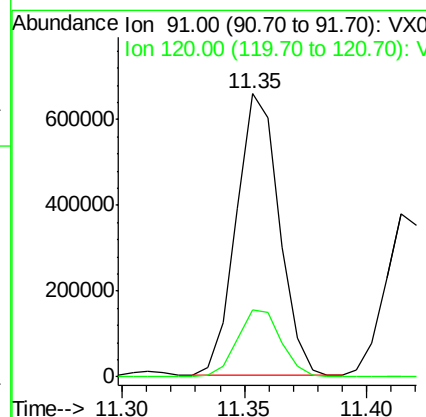
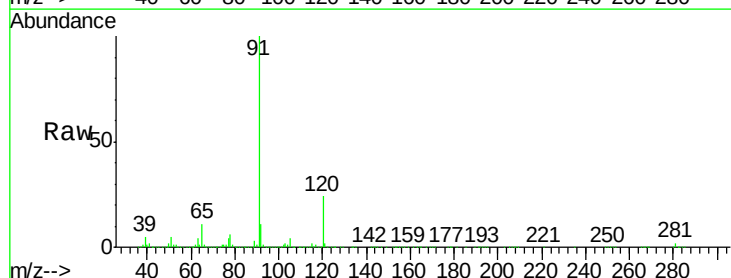
Manual Integrations
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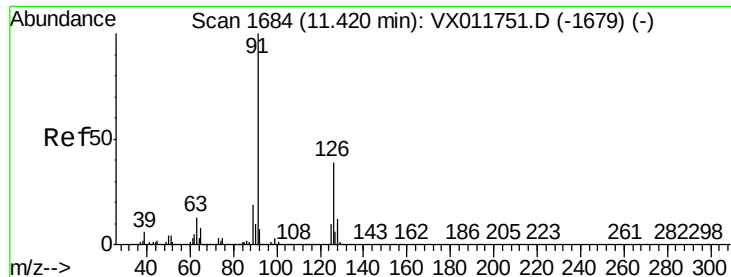
MMDadoda
8/28/2019 11:44:15 AM



#78
n-propylbenzene
Concen: 52.517 ug/l
RT: 11.35 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.7	38.1





#79

2-Chlorotoluene

Concen: 50.821 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 483153

Ion Ratio Lower Upper

91 100

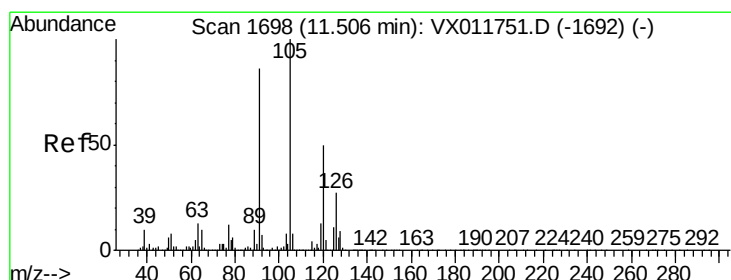
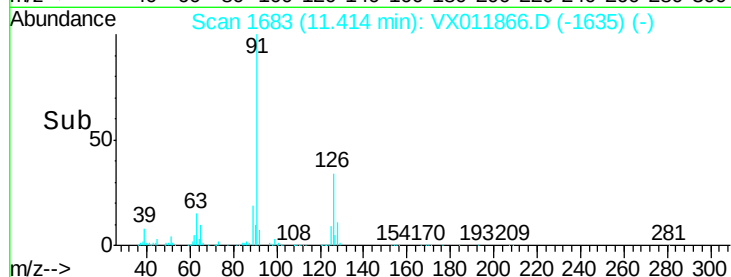
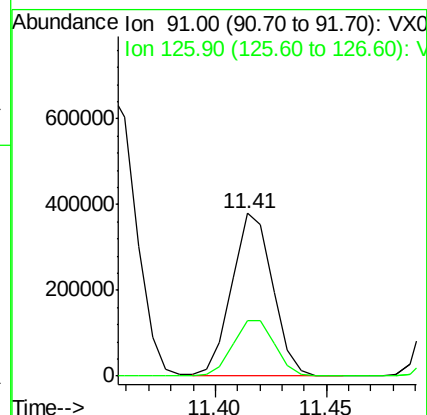
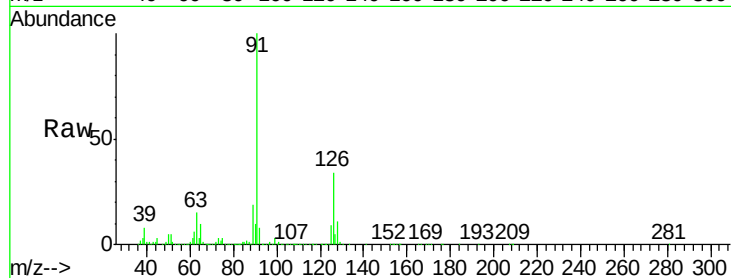
126 35.5 18.6 55.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.483 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011866.D

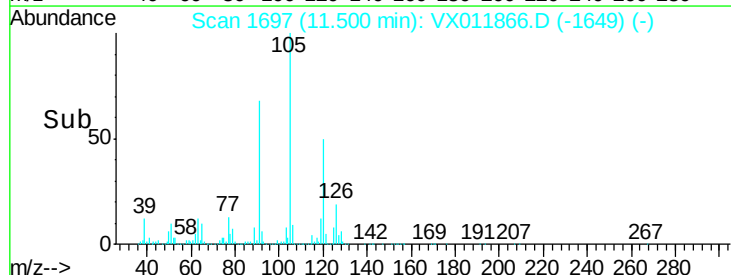
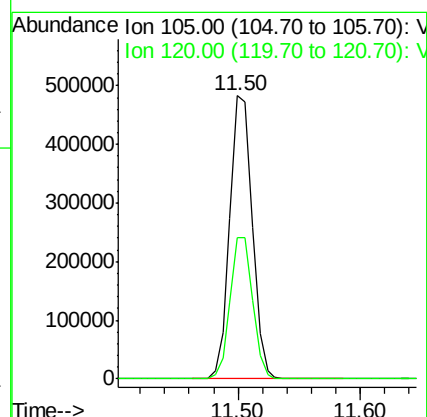
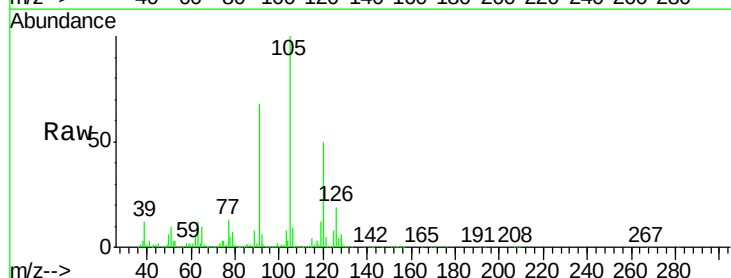
Acq: 27 Aug 2019 21:32

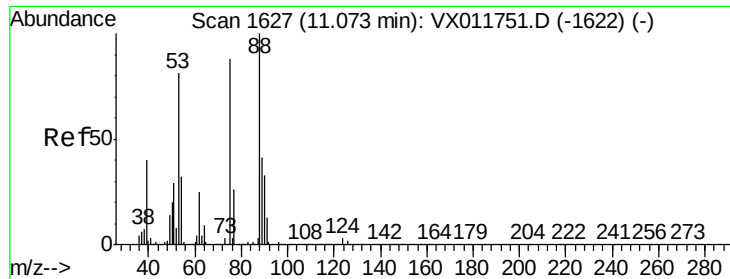
Tgt Ion: 105 Resp: 613868

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 64.359 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

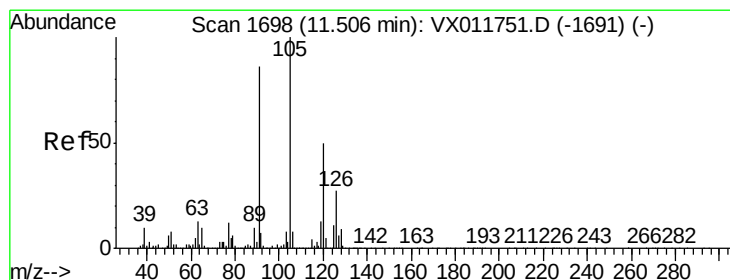
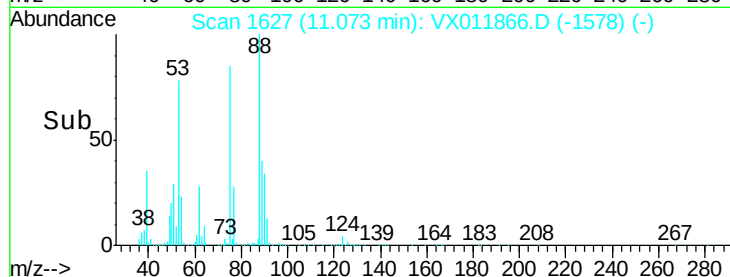
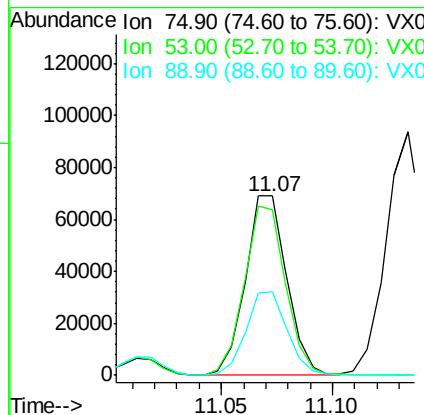
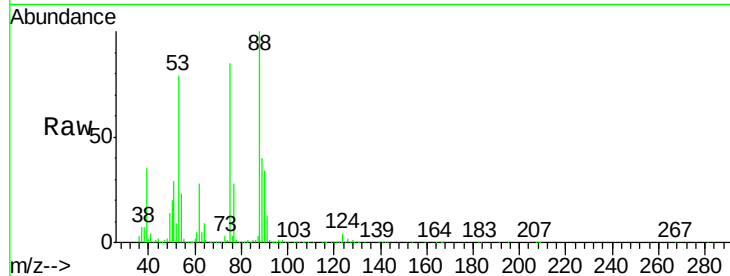
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	88801
Ion	Ratio	Lower	Upper
75	100		
53	94.6	77.1	115.7
89	47.0	38.5	57.7

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#82

4-Chlorotoluene

Concen: 51.638 ug/l

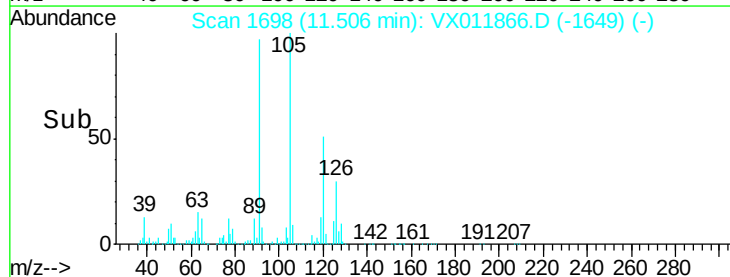
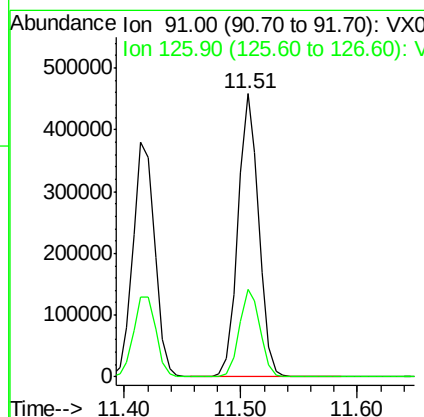
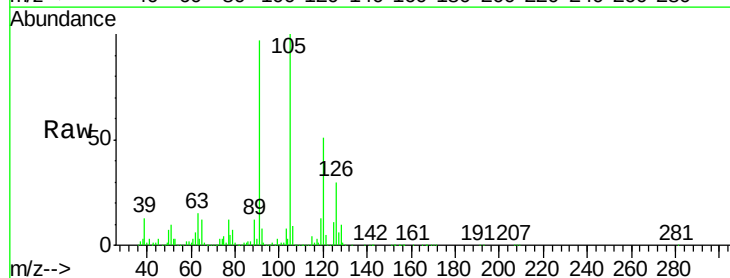
RT: 11.51 min Scan# 1698

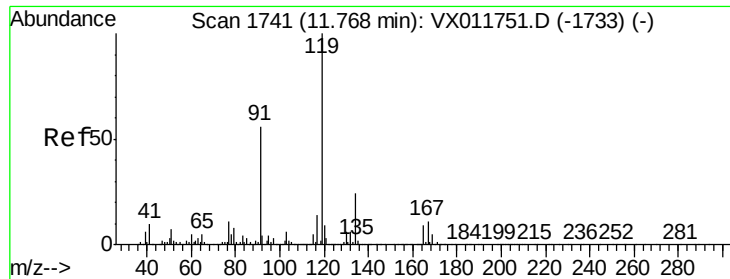
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	91	Resp:	565873
Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.2	48.6





#83

tert-Butylbenzene

Concen: 53.503 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

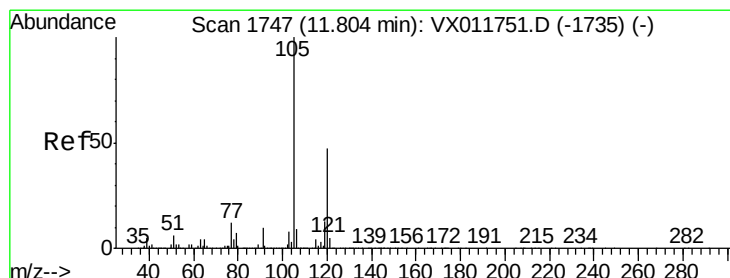
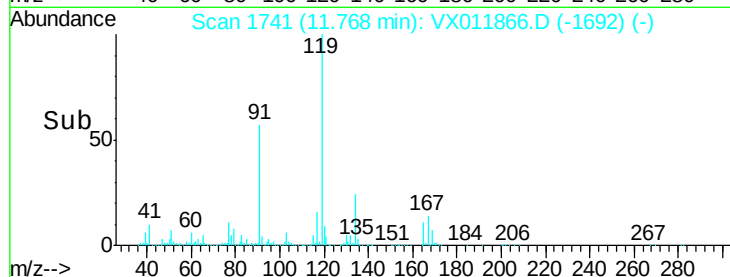
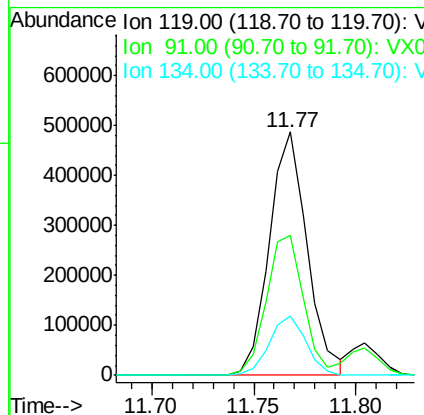
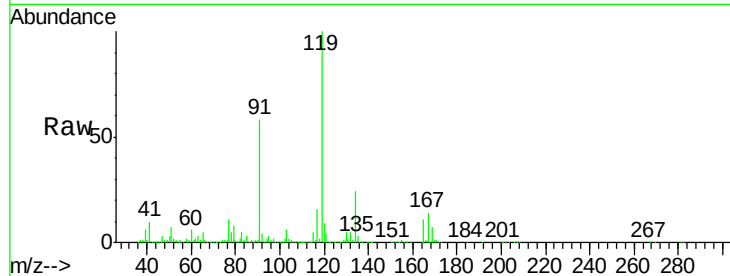
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	629424
Ion Ratio	Lower	Upper	
119	100		
91	56.3	27.7	83.1
134	23.7	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 51.920 ug/l

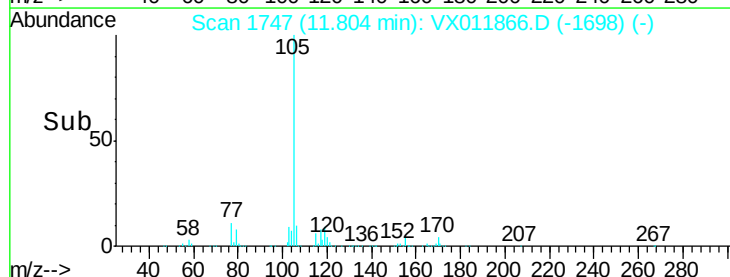
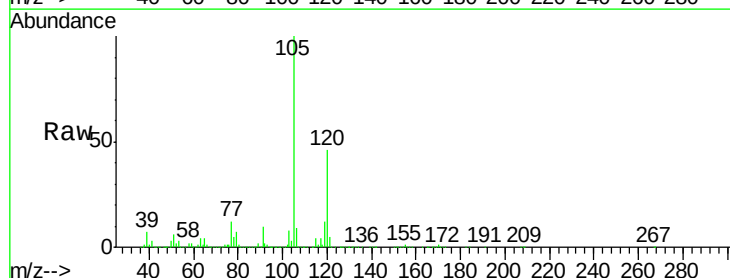
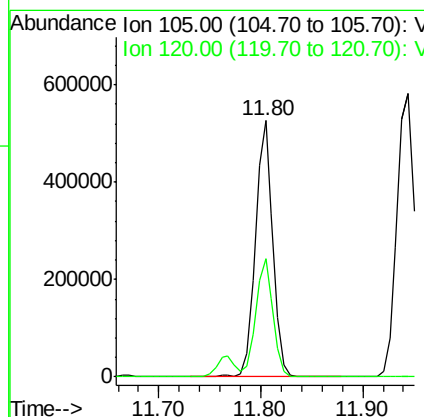
RT: 11.80 min Scan# 1747

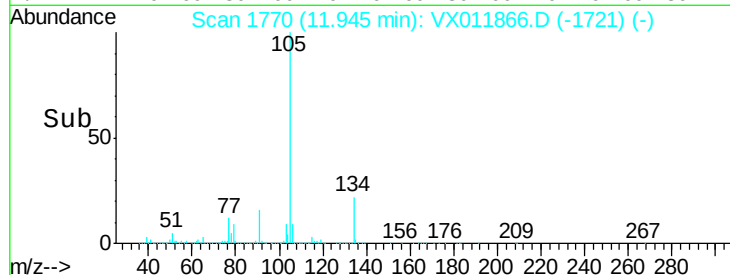
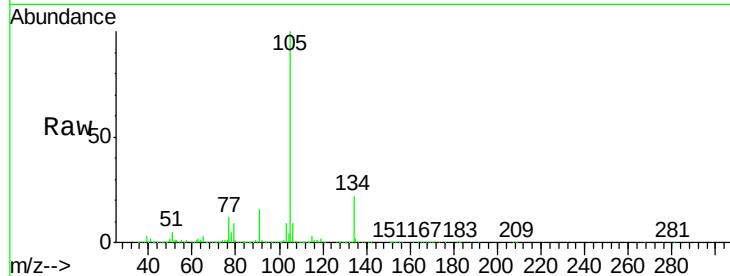
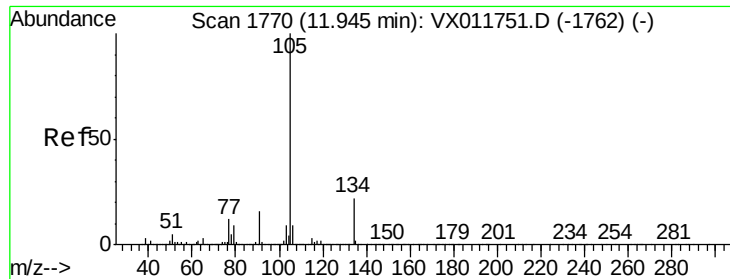
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	105	Resp:	625178
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.7	71.1





#85

sec-Butylbenzene

Concen: 52.765 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tot Ion:	105	Resp:	710057
Ion Ratio	Lower	Upper	
105	100		
134	21.5	10.8	32.3

Instrument :

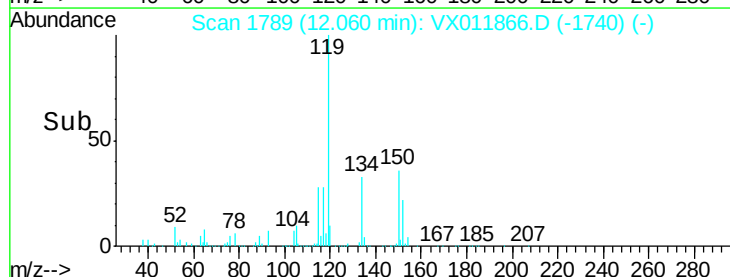
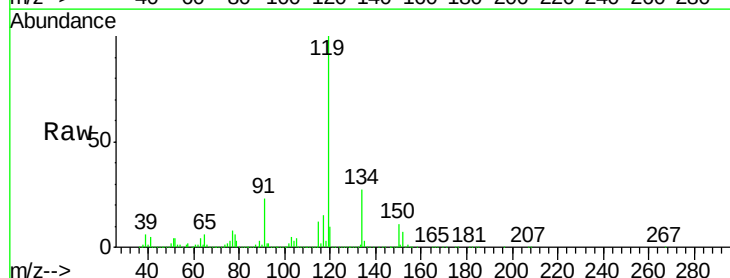
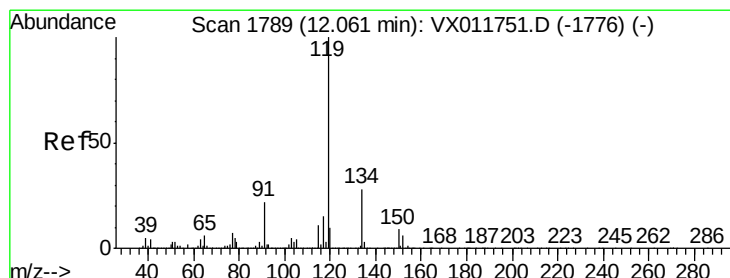
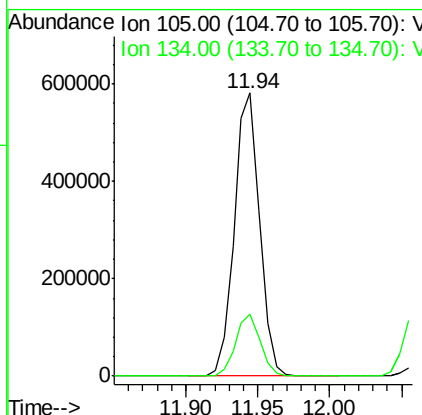
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#86

p-Isopropyltoluene

Concen: 51.654 ug/l

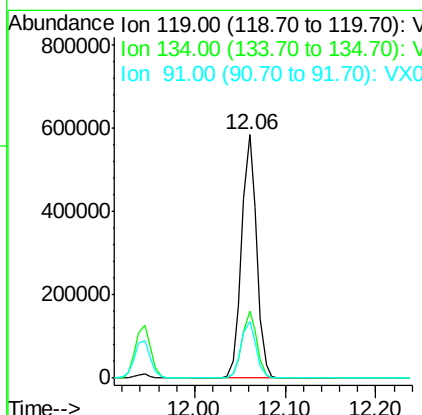
RT: 12.06 min Scan# 1789

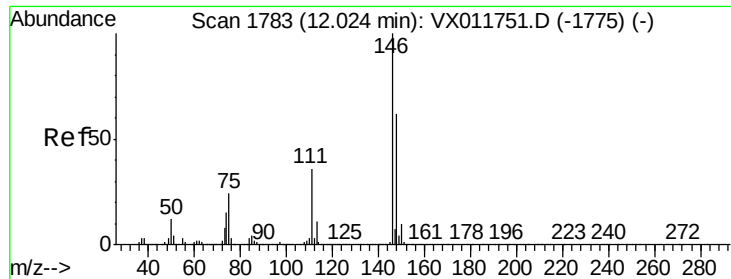
Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	119	Resp:	668804
Ion Ratio	Lower	Upper	
119	100		
134	27.1	13.7	41.0
91	23.5	11.1	33.3





#87

1,3-Dichlorobenzene

Concen: 48.659 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

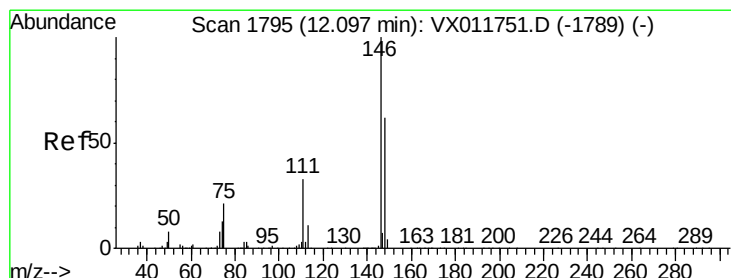
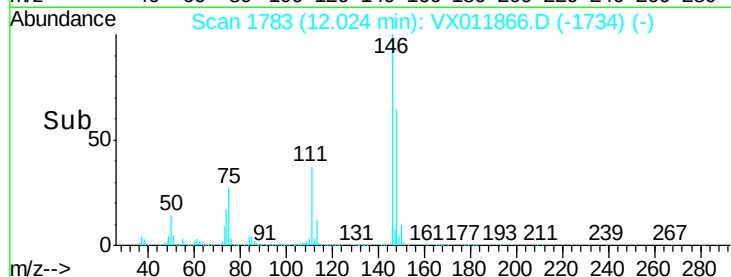
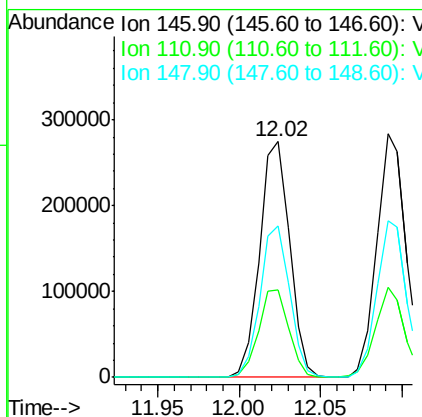
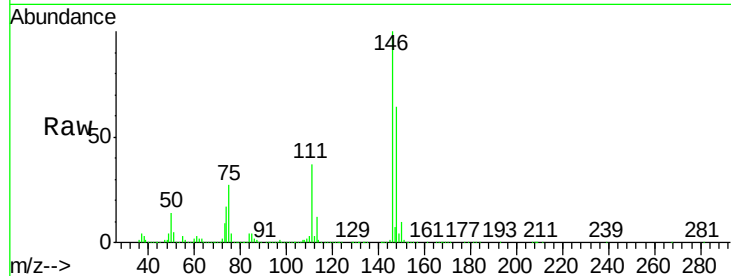
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	353030
Ion Ratio		Lower	Upper
146	100		
111	37.6	18.1	54.4
148	63.6	31.6	94.7

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#88

1,4-Dichlorobenzene

Concen: 47.759 ug/l

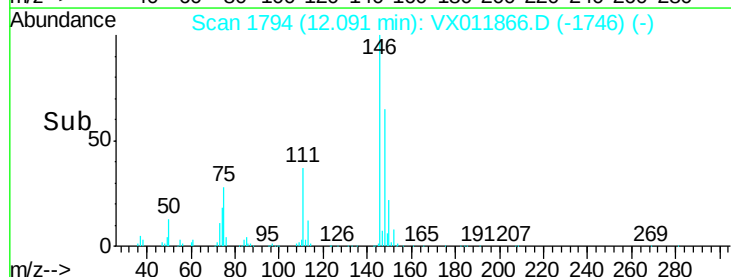
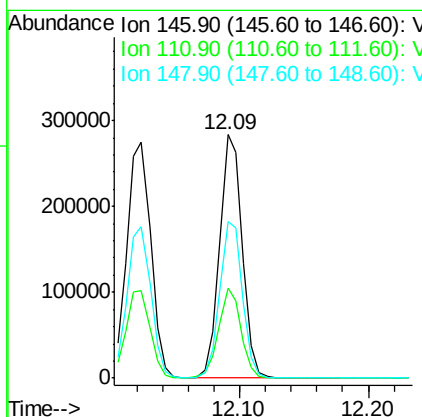
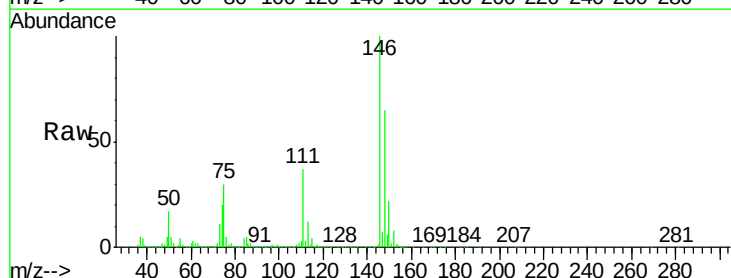
RT: 12.09 min Scan# 1794

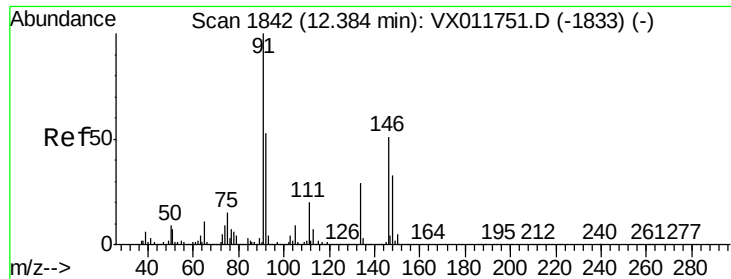
Delta R.T. -0.01 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	146	Resp:	350563
Ion Ratio		Lower	Upper
146	100		
111	36.7	17.8	53.4
148	65.4	31.9	95.7





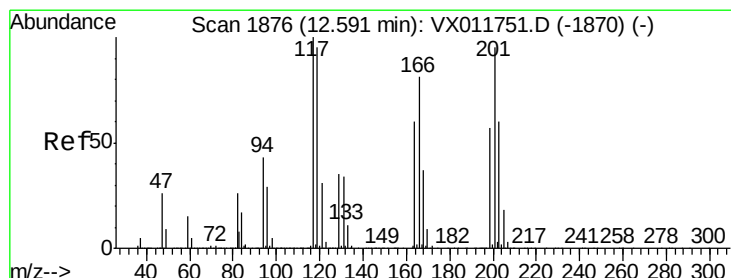
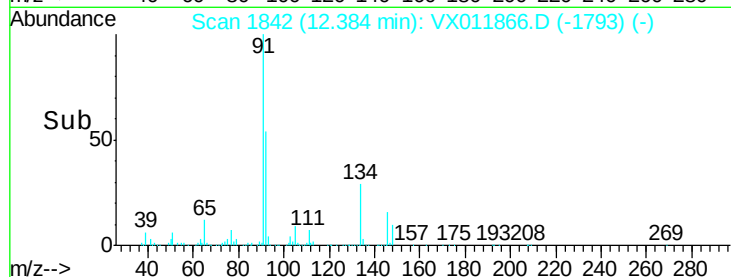
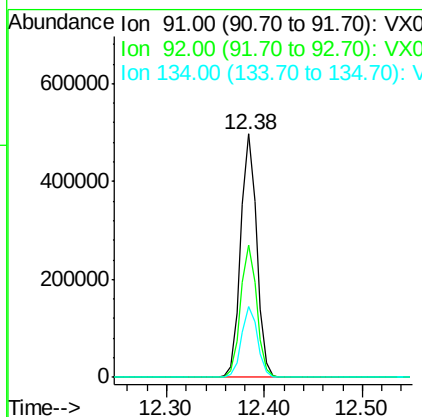
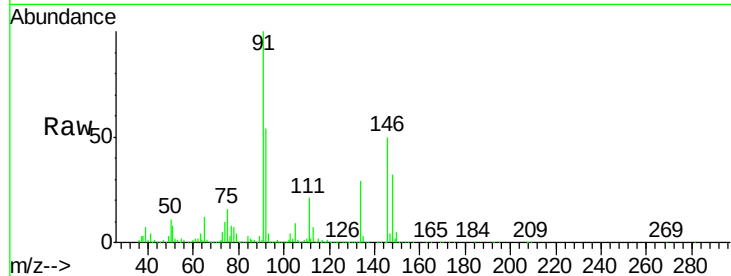
#89
n-Butylbenzene
Concen: 52.511 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	562837		
92	54.9		26.7	80.0
134	28.8		14.6	43.8

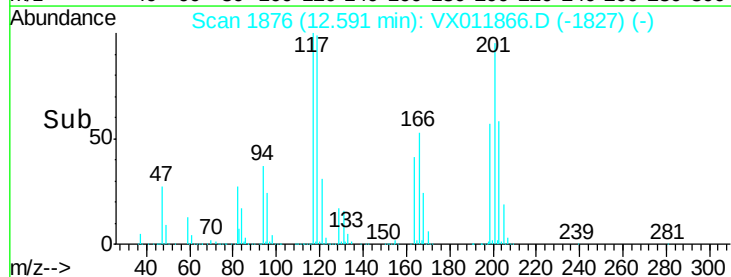
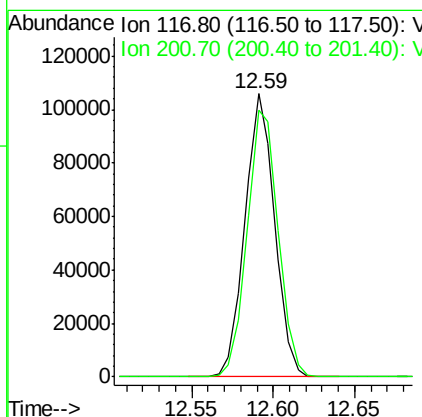
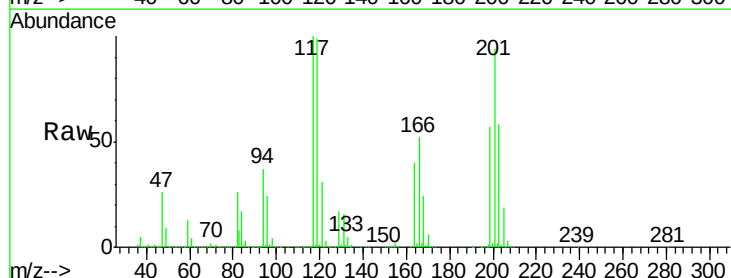
Manual Integrations
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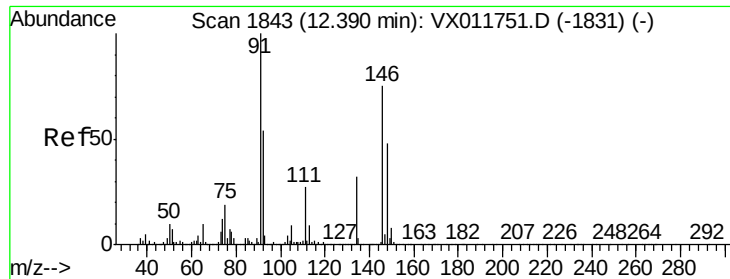
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#90
Hexachloroethane
Concen: 66.837 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011866.D
Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	134444		
201	98.5		49.6	149.0





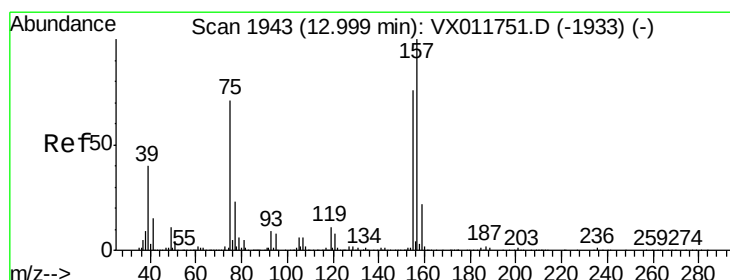
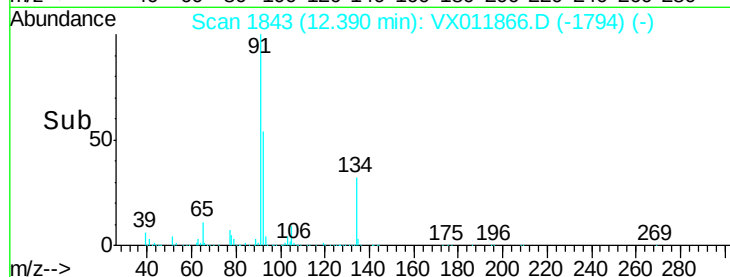
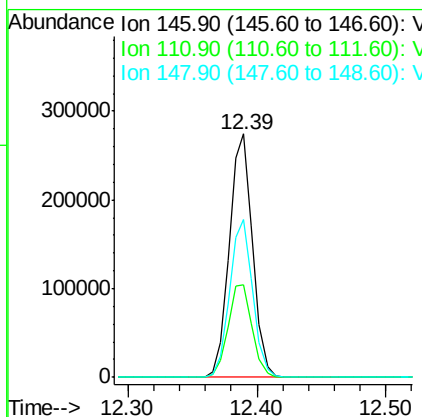
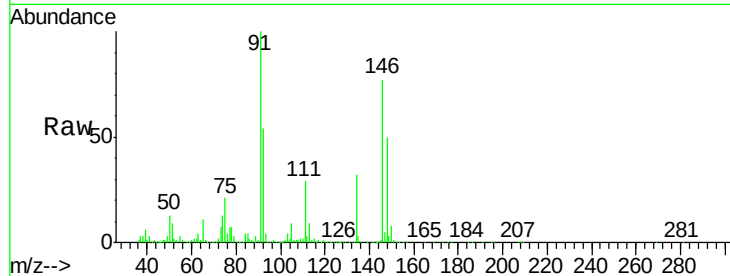
#91
 1,2-Dichlorobenzene
 Concen: 47.371 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346647		
111	39.4	18.8	56.4	
148	64.3	31.6	95.0	

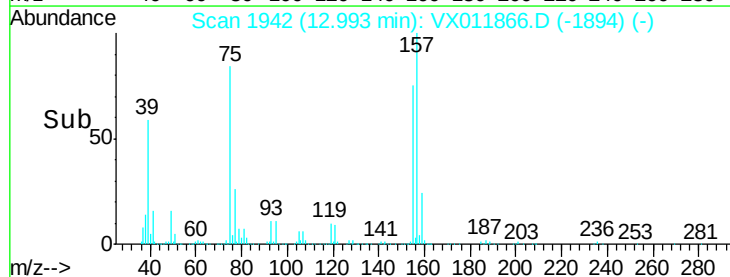
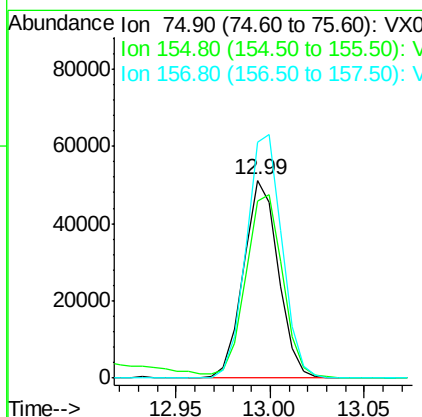
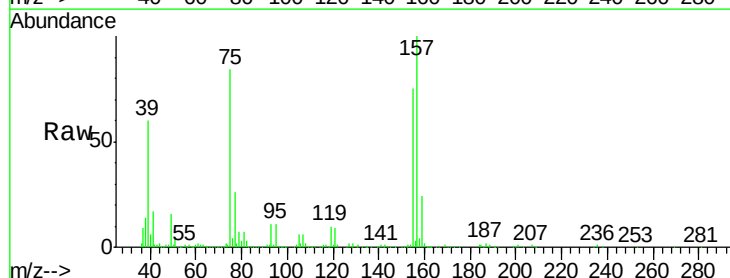
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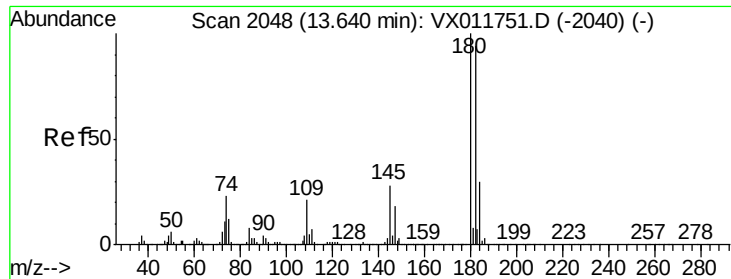
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.493 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65415		
155	98.5	52.6	157.9	
157	126.6	68.3	204.9	





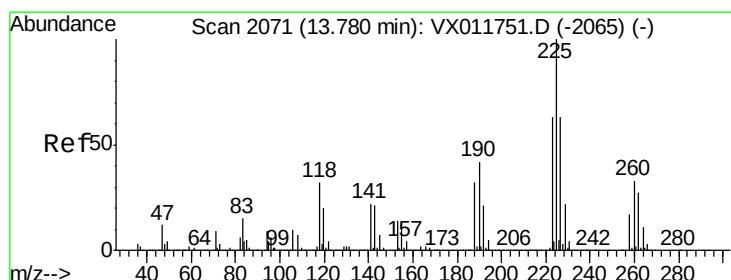
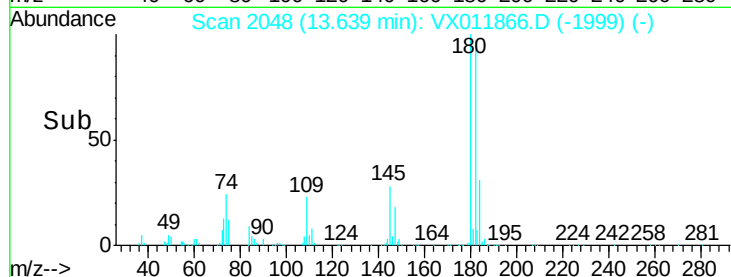
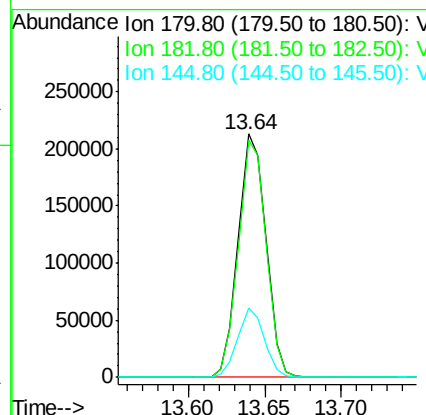
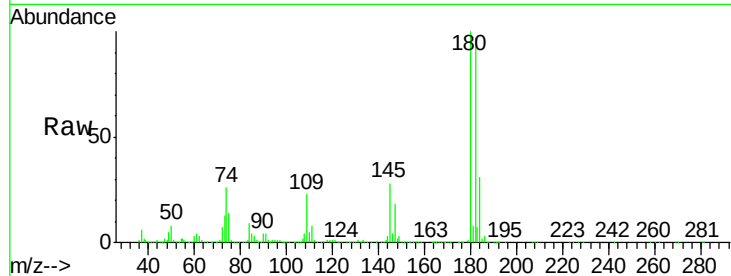
#93
 1,2,4-Trichlorobenzene
 Concen: 49.918 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	268691		
182	97.5	47.8	143.4	
145	27.8	14.1	42.3	

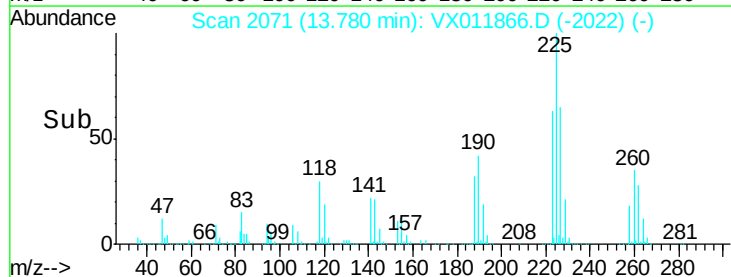
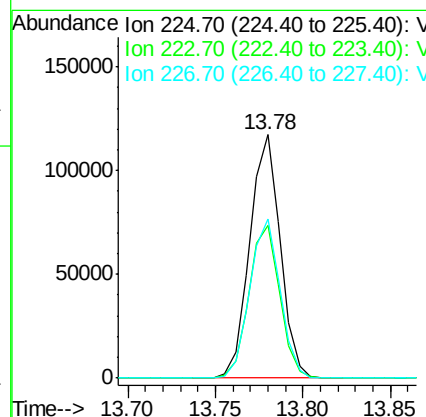
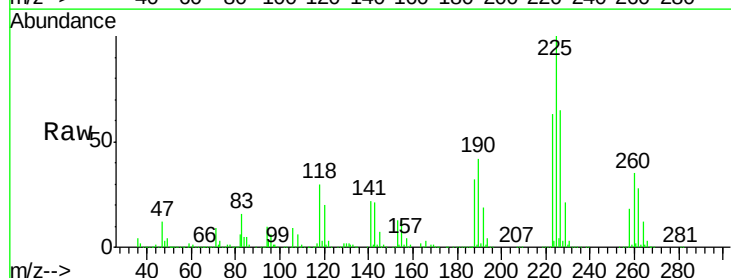
Manual Integrations
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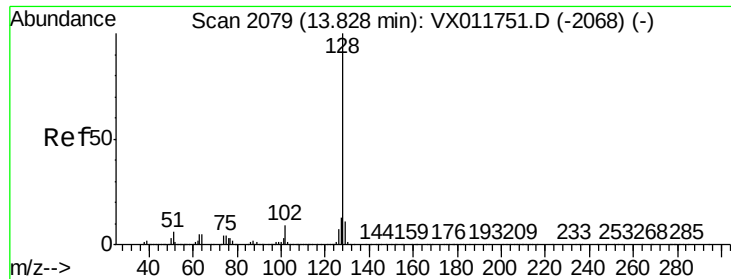
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#94
 Hexachlorobutadiene
 Concen: 48.073 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011866.D
 Acq: 27 Aug 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141791		
223	63.6	31.0	93.0	
227	65.2	31.8	95.3	





#95

Naphthalene

Concen: 54.583 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Instrument :

MSVOA_X

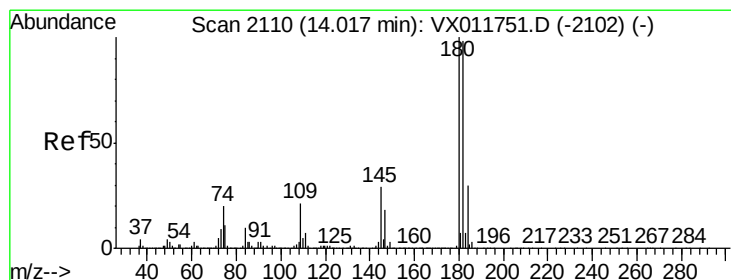
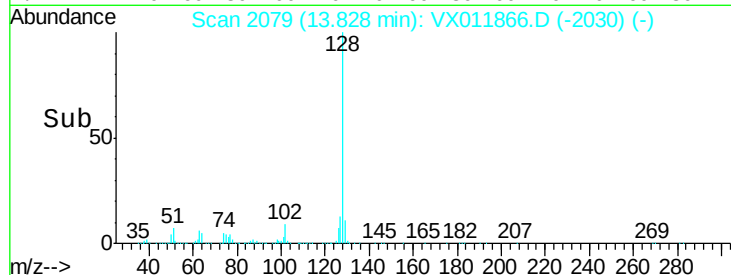
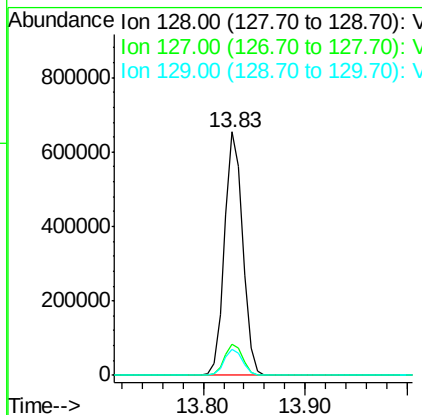
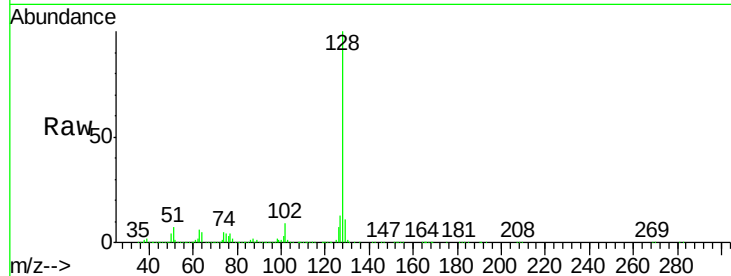
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	809188
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/28/2019 11:44:15 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.626 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011866.D

Acq: 27 Aug 2019 21:32

Tgt Ion:	180	Resp:	273619
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.5	145.5
145	29.7	14.6	43.8

