

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007431.D
 Acq On : 07 Feb 2019 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 12:28:05 PM

Quant Time: Feb 08 22:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	480499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	703608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	655639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	333918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	249188	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.50	113	228260	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	845496	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	307973	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	281198	47.632	ug/l	100
3) Chloromethane	1.33	50	254590	47.041	ug/l	98
4) Vinyl Chloride	1.41	62	263630	49.653	ug/l	99
5) Bromomethane	1.64	94	250518	47.696	ug/l	99
6) Chloroethane	1.72	64	162452	47.298	ug/l	97
7) Trichlorofluoromethane	1.93	101	406505	48.942	ug/l	100
8) Diethyl Ether	2.19	74	149905	47.951	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	230964	46.749	ug/l	98
10) Methyl Iodide	2.51	142	355300	48.887	ug/l	100
11) Tert butyl alcohol	3.07	59	281059	266.288	ug/l	99
12) 1,1-Dichloroethene	2.37	96	211298	46.057	ug/l	98
13) Acrolein	2.30	56	122550	247.606	ug/l	99
14) Allyl chloride	2.73	41	370147	49.516	ug/l	100
15) Acrylonitrile	3.15	53	662001	253.541	ug/l	99
16) Acetone	2.45	43	577943	247.383	ug/l	100
17) Carbon Disulfide	2.57	76	523247	43.887	ug/l	99
18) Methyl Acetate	2.78	43	359745	58.992	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	735319	49.473	ug/l	96
20) Methylene Chloride	2.85	84	247775	51.939	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	223140	45.658	ug/l	95
22) Diisopropyl ether	3.87	45	680559	49.495	ug/l	97
23) Vinyl Acetate	3.82	43	2898891	254.060	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378110	47.884	ug/l	99
25) 2-Butanone	4.70	43	856239	257.536	ug/l	100
26) 2,2-Dichloropropane	4.59	77	281243	46.768	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	249150	46.675	ug/l	100
28) Bromochloromethane	5.02	49	177439	48.864	ug/l	99
29) Tetrahydrofuran	5.15	42	554150	265.013	ug/l	99
30) Chloroform	5.22	83	401356	48.709	ug/l	100
31) Cyclohexane	5.57	56	333586	47.036	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	348130	50.053	ug/l	100
36) 1,1-Dichloropropene	5.80	75	289046	45.785	ug/l	100
37) Ethyl Acetate	4.85	43	315342	49.414	ug/l	99
38) Carbon Tetrachloride	5.78	117	303652	49.579	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	363381	47.575	ug/l	99
40) Benzene	6.14	78	898693	48.326	ug/l	100
41) Methacrylonitrile	5.06	41	178401	52.160	ug/l	99
42) 1,2-Dichloroethane	6.20	62	307326	47.764	ug/l	100
43) Isopropyl Acetate	6.46	43	511703	51.948	ug/l	99
44) Trichloroethene	7.21	130	263045	46.966	ug/l	99
45) 1,2-Dichloropropane	7.52	63	228217	48.980	ug/l	98
46) Dibromomethane	7.66	93	162959	48.121	ug/l	98
47) Bromodichloromethane	7.90	83	288671	50.298	ug/l	97
48) Methyl methacrylate	7.77	41	264695	53.723	ug/l	100
49) 1,4-Dioxane	7.75	88	120245	1072.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1684292	259.742	ug/l	99
52) Toluene	8.79	92	578128	48.185	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	322586	52.327	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	354127	52.235	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	249104	49.807	ug/l	96
56) Ethyl methacrylate	9.18	69	358921	51.815	ug/l	98
57) 1,3-Dichloropropane	9.37	76	388127	48.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	949098	259.951	ug/l	99
59) 2-Hexanone	9.49	43	1286516	254.958	ug/l	100
60) Dibromochloromethane	9.59	129	251865	53.247	ug/l	97
61) 1,2-Dibromoethane	9.67	107	266066	50.234	ug/l	99
64) Tetrachloroethene	9.34	164	256320	41.479	ug/l	99
65) Chlorobenzene	10.14	112	672042	46.972	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	242132	50.478	ug/l	99
67) Ethyl Benzene	10.25	91	1115750	48.426	ug/l	99
68) m/p-Xylenes	10.36	106	880683	96.157	ug/l	100
69) o-Xylene	10.70	106	424332	48.148	ug/l	99
70) Styrene	10.71	104	694595	48.598	ug/l	99
71) Bromoform	10.86	173	187865	45.084	ug/l	100
73) Isopropylbenzene	11.02	105	1131128	49.848	ug/l	99
74) N-amyl acetate	10.90	43	452304	51.534	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	357705	51.725	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	338628m	52.136	ug/l	
77) Bromobenzene	11.26	156	308709	48.285	ug/l	99
78) n-propylbenzene	11.36	91	1269708	51.028	ug/l	100
79) 2-Chlorotoluene	11.42	91	740655	49.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	930210	50.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	102838	49.029	ug/l	97
82) 4-Chlorotoluene	11.51	91	862102	49.347	ug/l	100
83) tert-Butylbenzene	11.77	119	946770	51.511	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	951107	50.464	ug/l	100
85) sec-Butylbenzene	11.94	105	1133476	50.953	ug/l	100
86) p-Isopropyltoluene	12.06	119	1012052	50.399	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	543797	47.393	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	536496	46.087	ug/l	99
89) n-Butylbenzene	12.39	91	856360	49.574	ug/l	99
90) Hexachloroethane	12.60	117	159582	53.099	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	534347	46.795	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74760	51.991	ug/l	97

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ClientSampleId :
VSTDCCC050EC

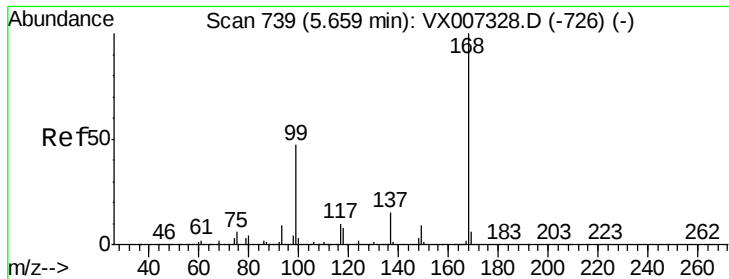
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	369897	48.034	ug/l	99
94) Hexachlorobutadiene	13.78	225	177763	47.539	ug/l	99
95) Naphthalene	13.83	128	1149857	51.060	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365233	47.117	ug/l	98

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



#1

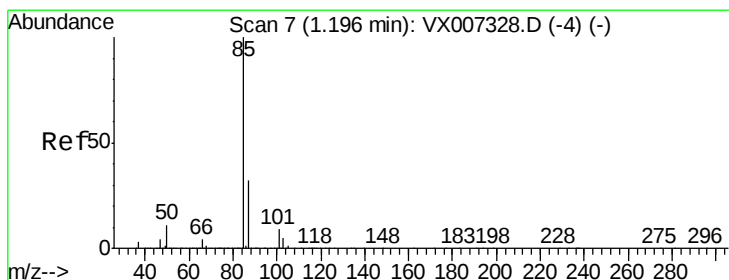
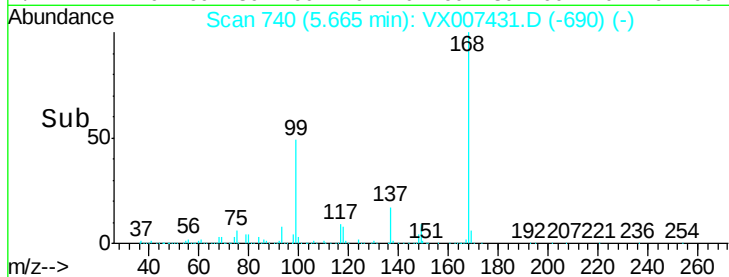
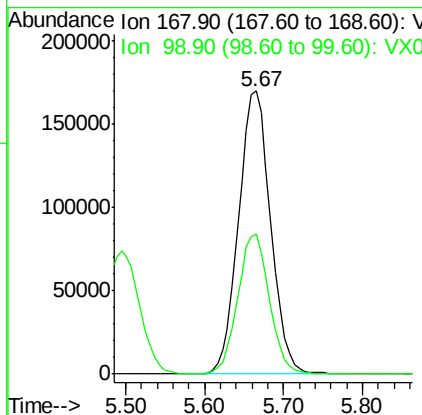
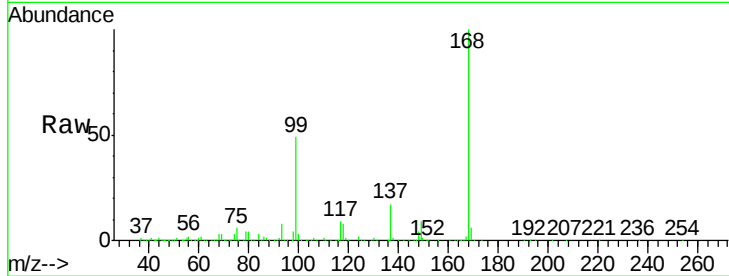
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	37.9	56.9

Manual Integrations
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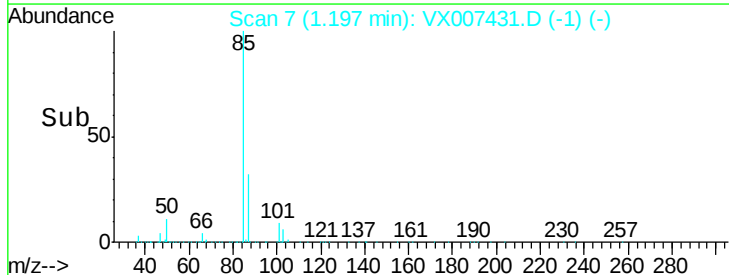
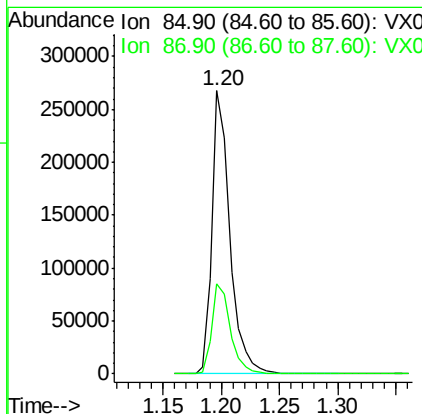
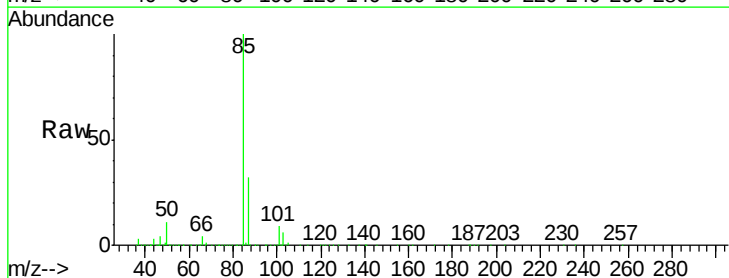
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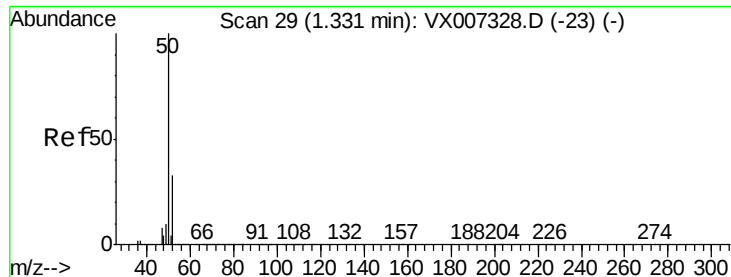


#2

Dichlorodifluoromethane
 Concen: 47.632 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.8	47.4





#3

Chloromethane

Concen: 47.041 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 254590

Ion Ratio Lower Upper

50 100

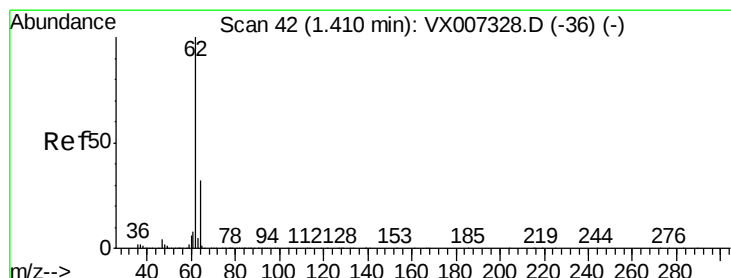
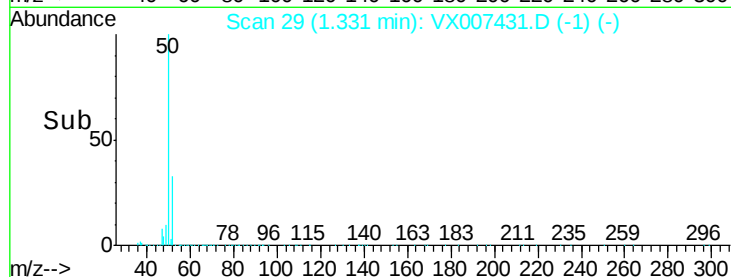
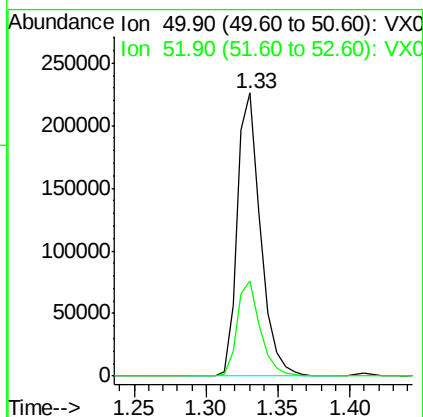
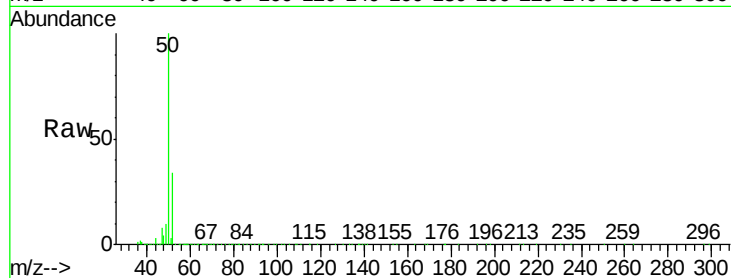
52 33.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.653 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007431.D

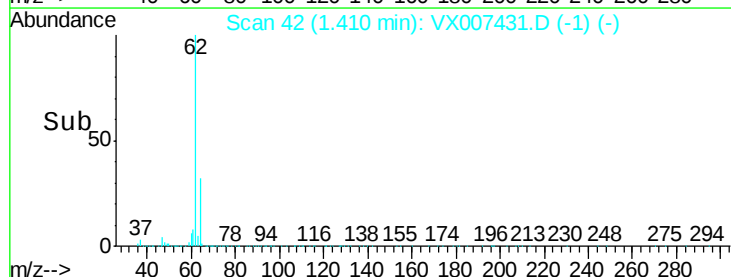
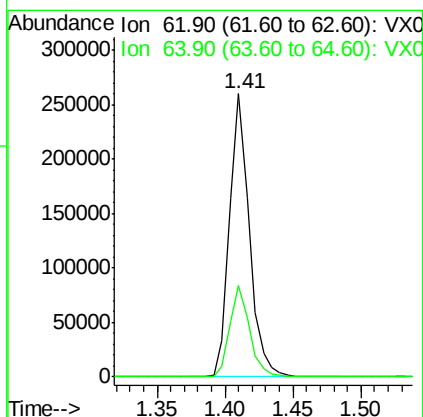
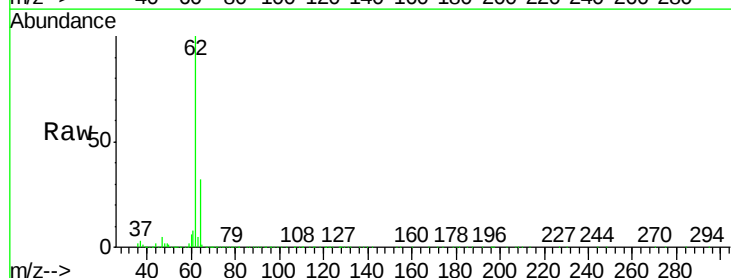
Acq: 07 Feb 2019 17:49

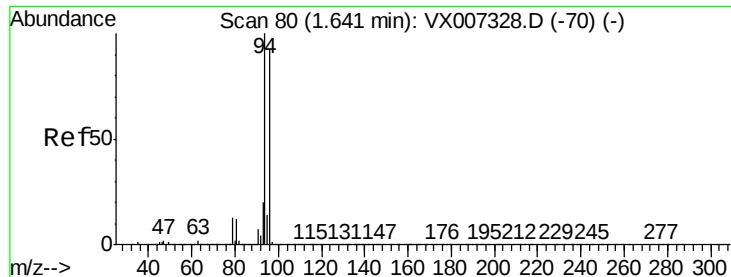
Tgt Ion: 62 Resp: 263630

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 47.696 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 250518

Ion Ratio Lower Upper

94 100

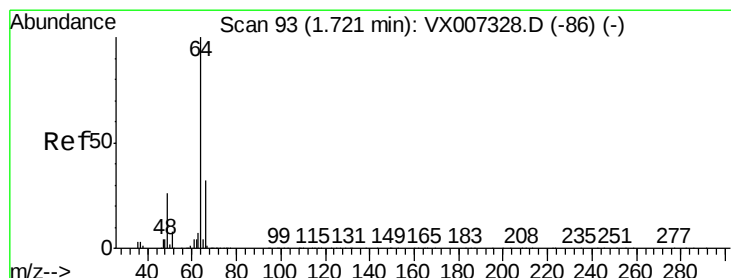
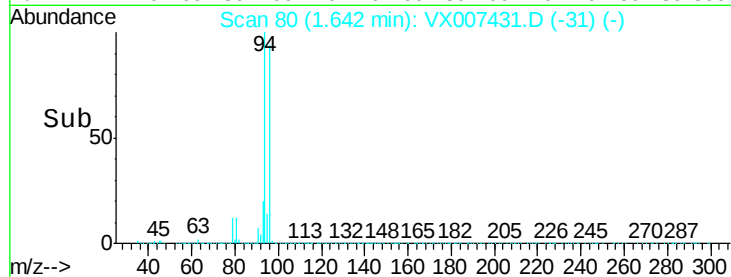
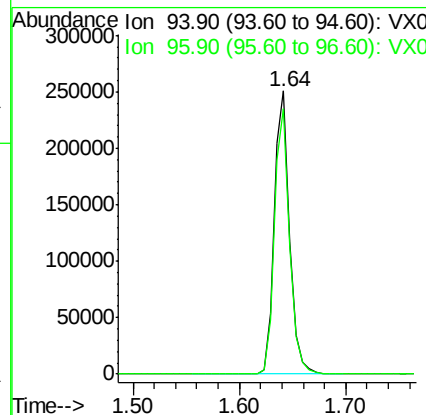
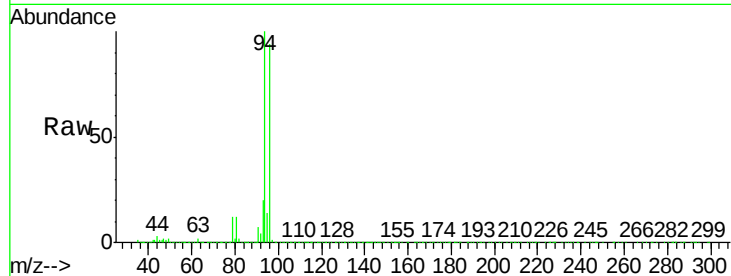
96 93.8 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 47.298 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007431.D

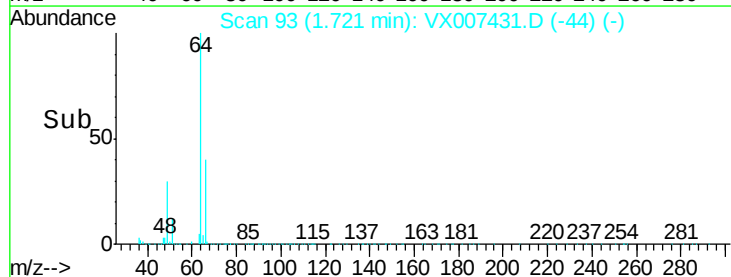
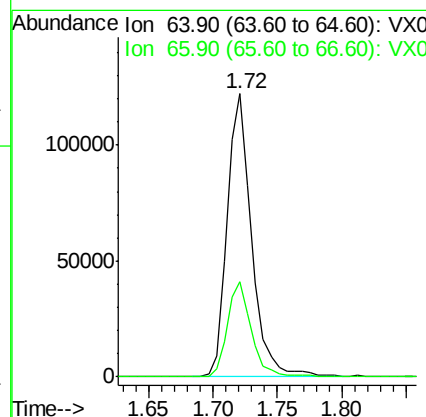
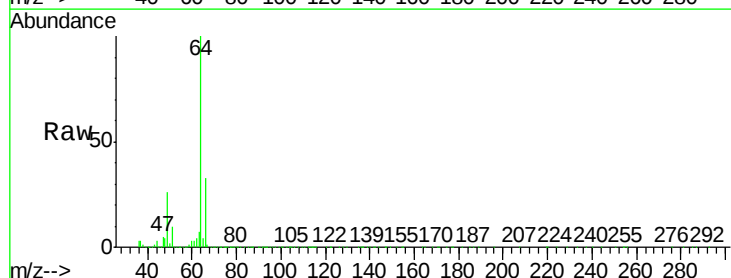
Acq: 07 Feb 2019 17:49

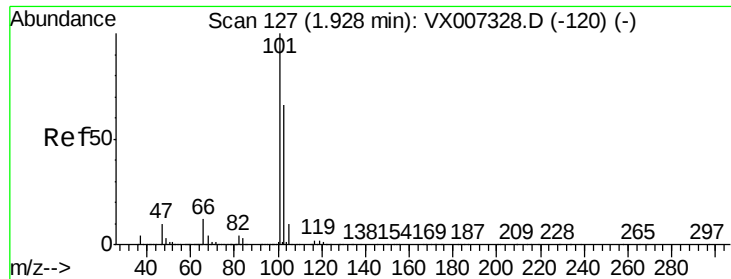
Tgt Ion: 64 Resp: 162452

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3





#7

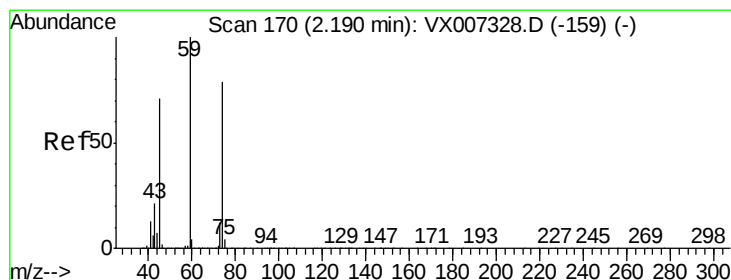
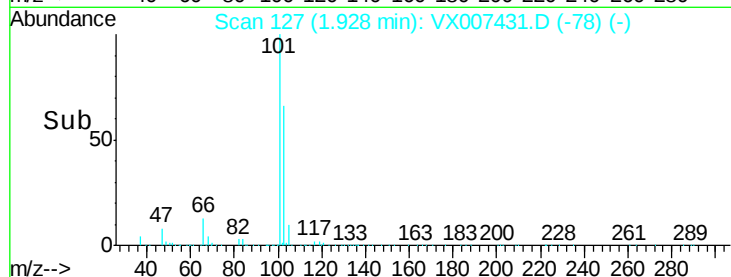
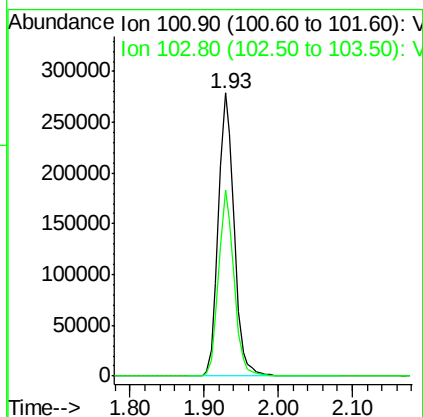
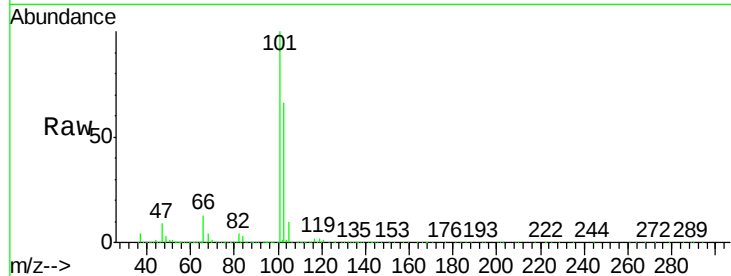
Trichlorofluoromethane
Concen: 48.942 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	79.0

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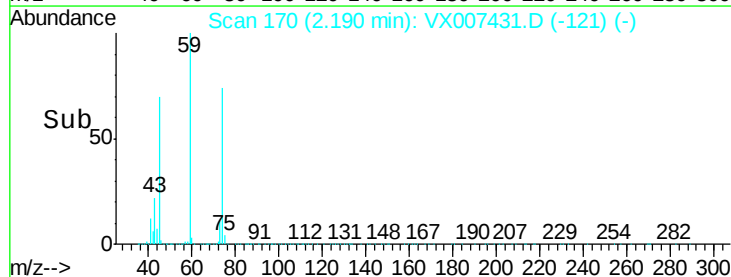
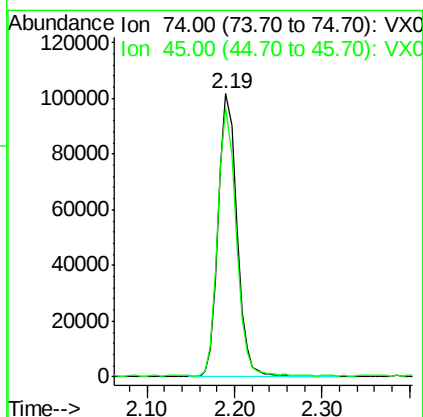
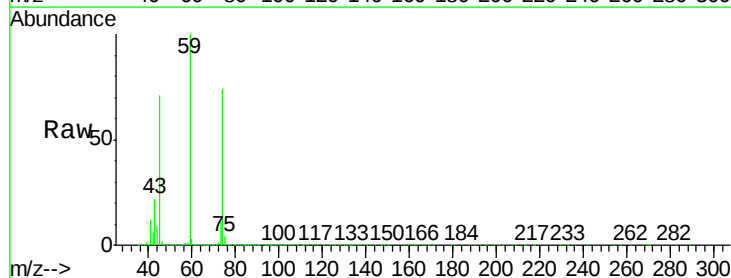
MMDadoda
2/11/2019 12:28:05 PM

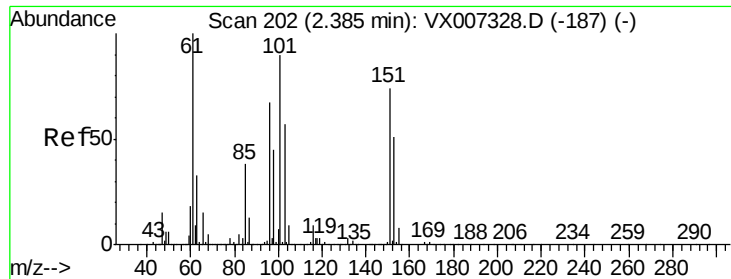


#8

Diethyl Ether
Concen: 47.951 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.749 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

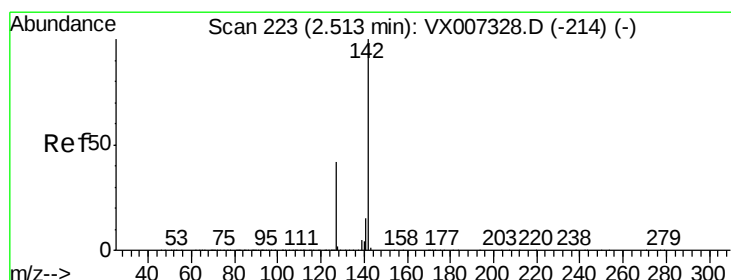
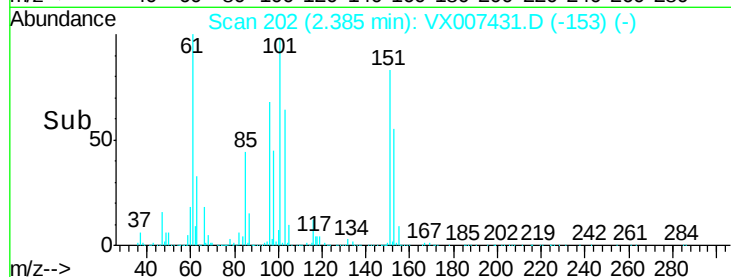
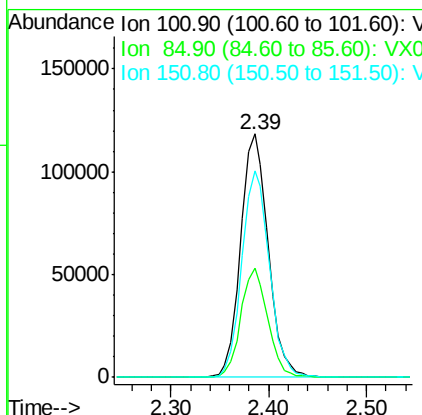
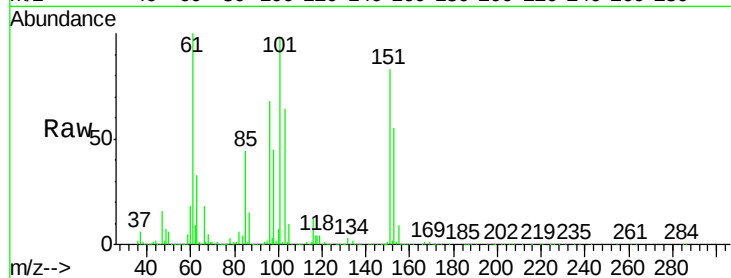
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	230964
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.1	51.1
151	85.3	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 48.887 ug/l

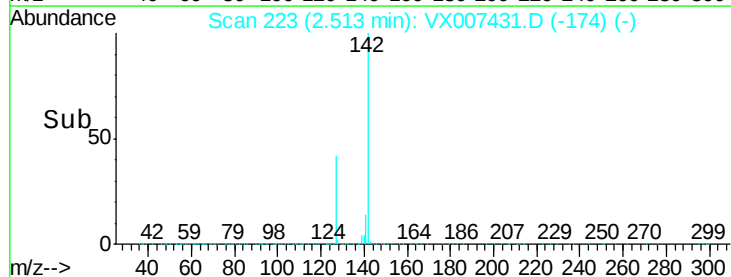
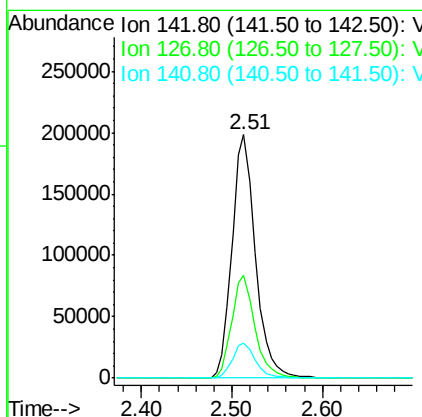
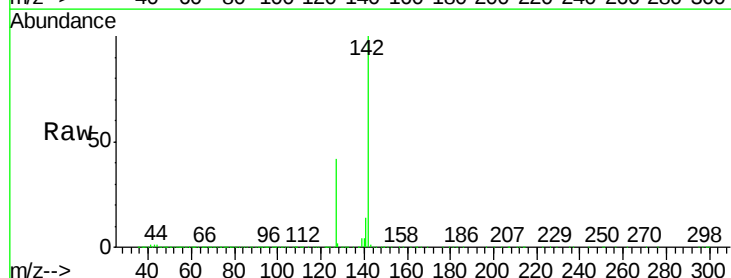
RT: 2.51 min Scan# 223

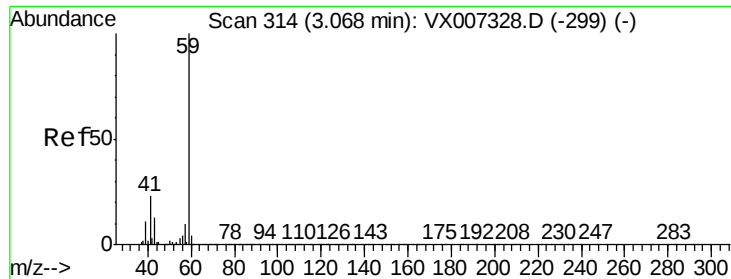
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	142	Resp:	355300
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.2	11.3	16.9





#11

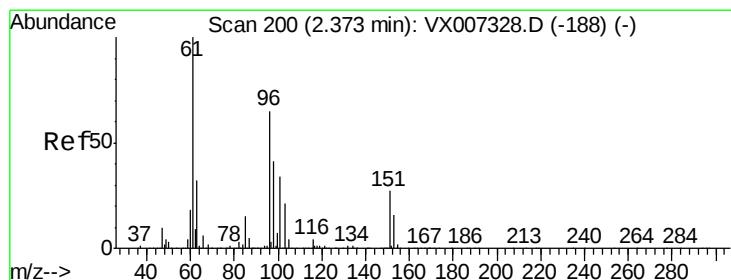
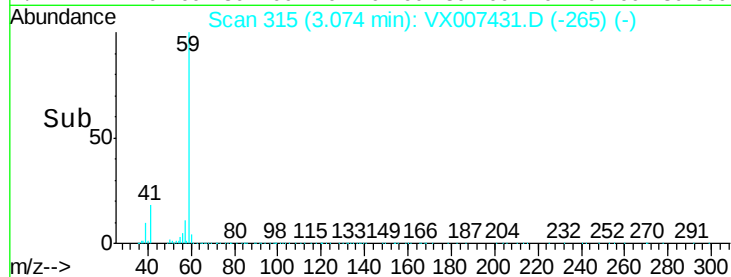
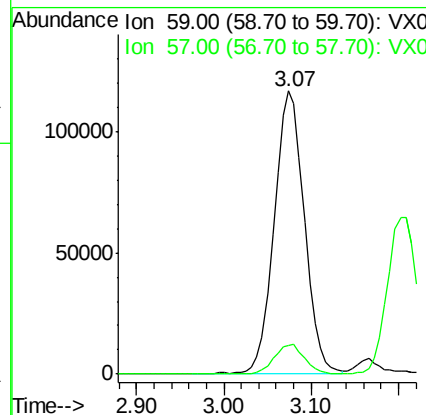
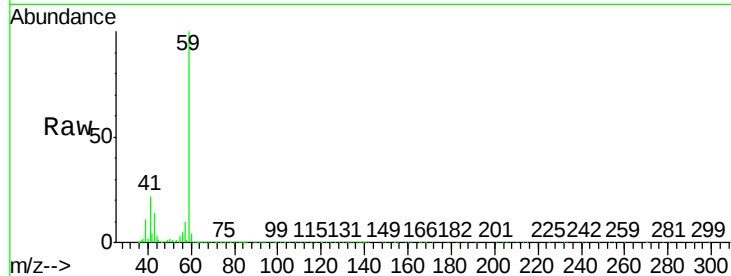
Tert butyl alcohol
 Concen: 266.288 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

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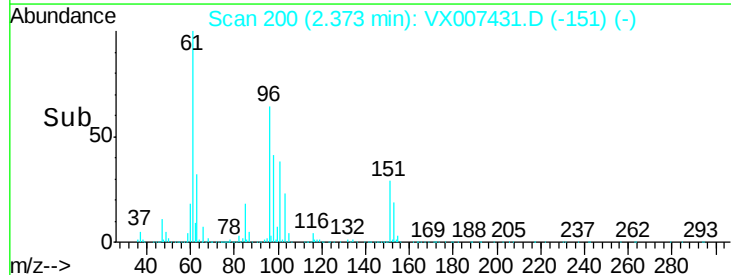
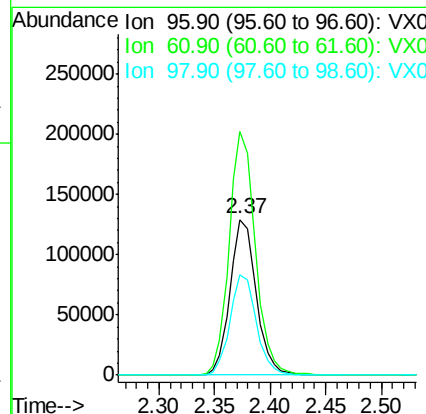
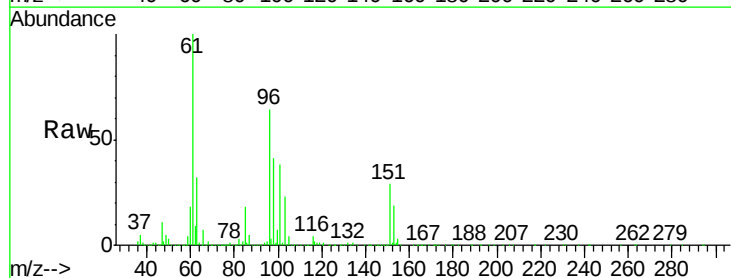
MMDadoda
 2/11/2019 12:28:05 PM

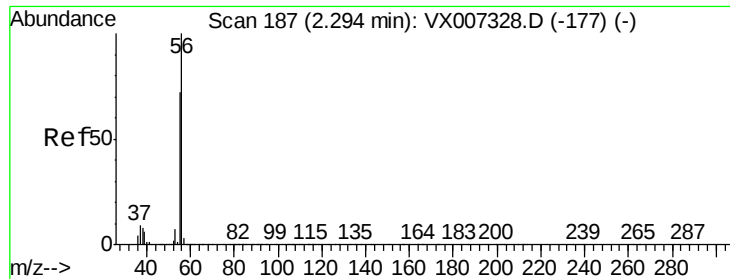


#12

1,1-Dichloroethene
 Concen: 46.057 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	123.0	184.4
98	64.1	50.9	76.3





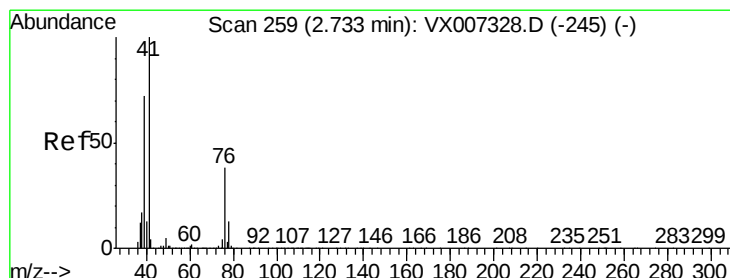
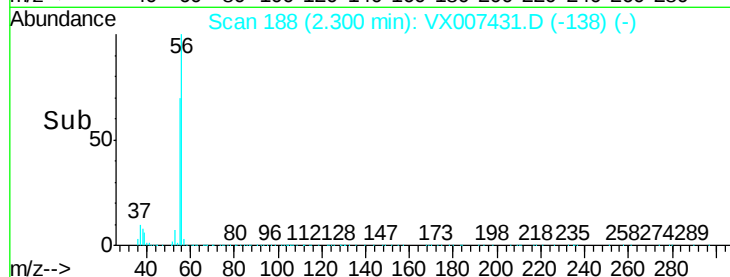
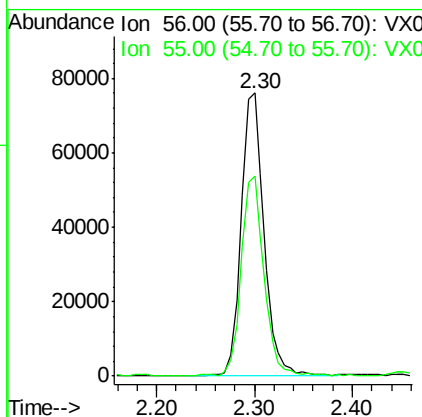
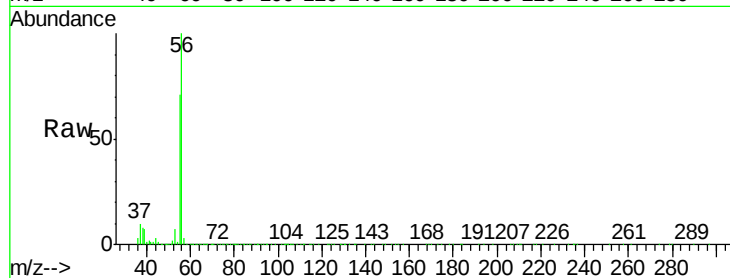
#13
Acrolein
Concen: 247.606 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	56.9	85.3

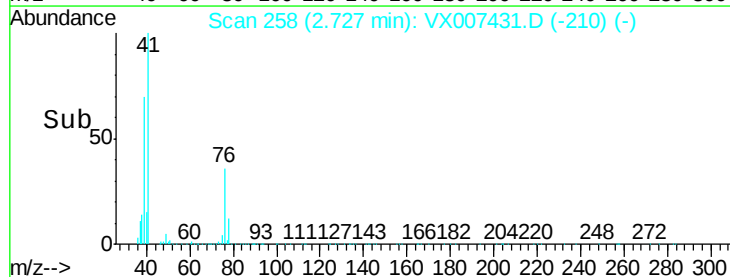
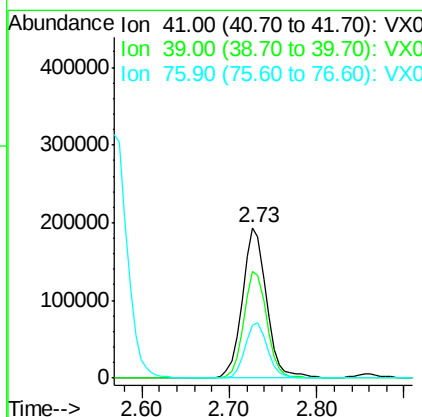
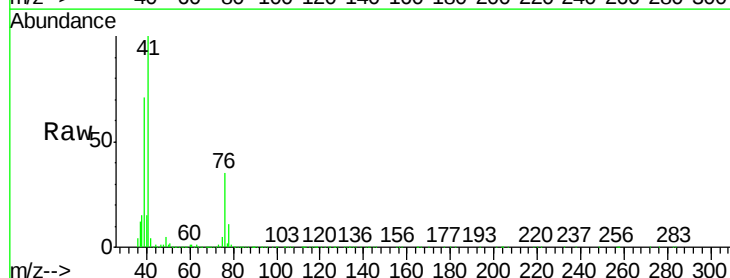
Manual Integrations
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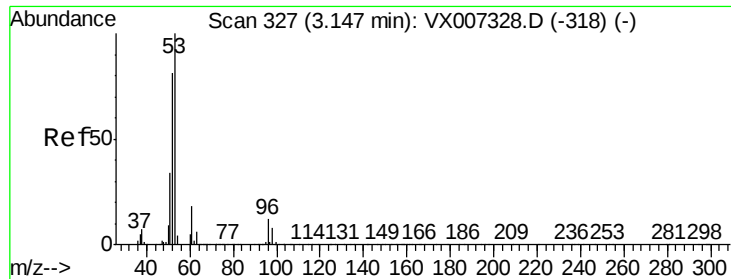
MMDadoda
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#14
Allyl chloride
Concen: 49.516 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.1	81.1
76	34.1	27.8	41.8





#15

Acrylonitrile

Concen: 253.541 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

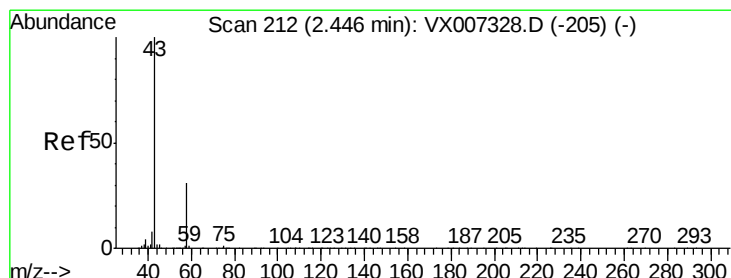
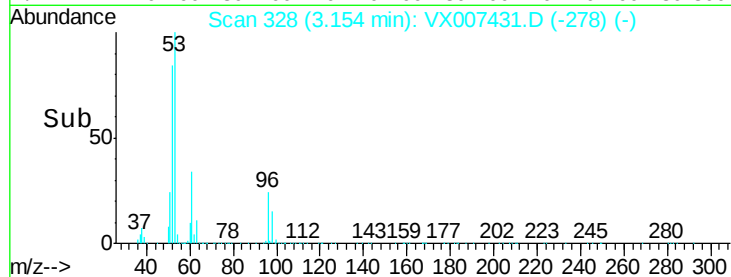
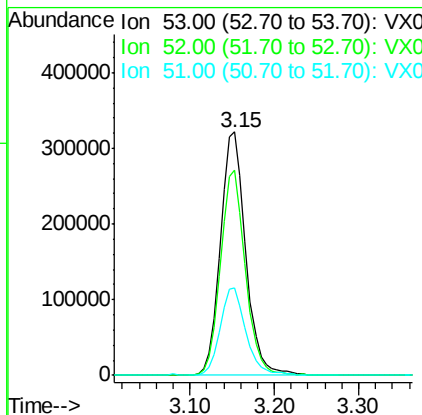
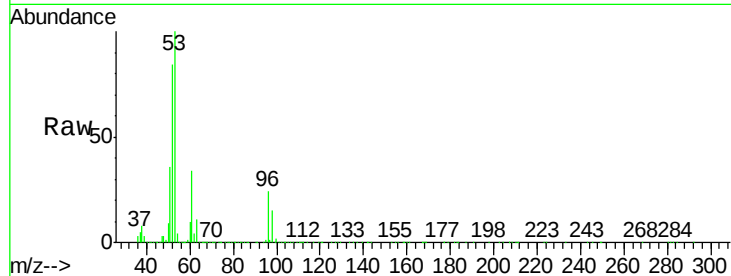
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	662001
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	36.5	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 247.383 ug/l

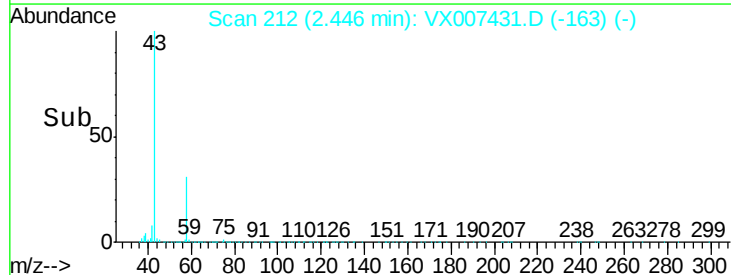
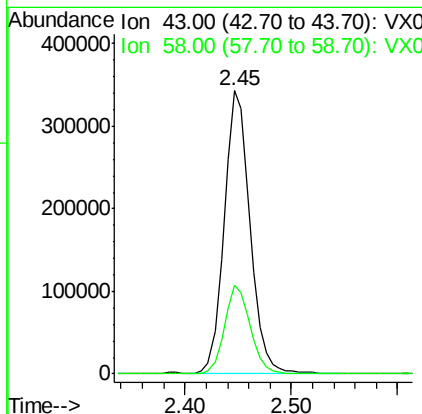
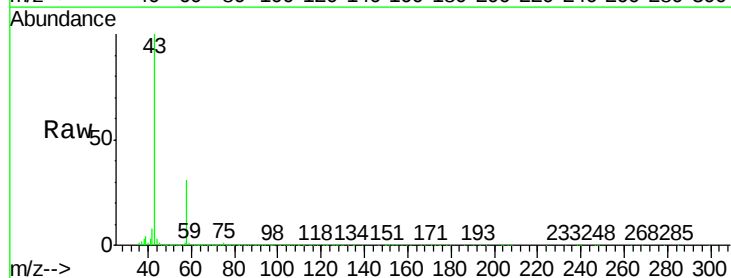
RT: 2.45 min Scan# 212

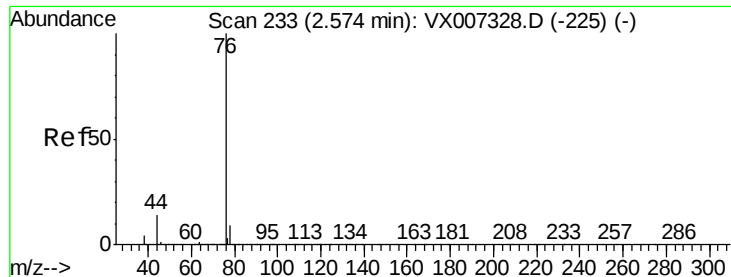
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	43	Resp:	577943
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.9	37.3





#17

Carbon Disulfide

Concen: 43.887 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 523247

Ion Ratio Lower Upper

76 100

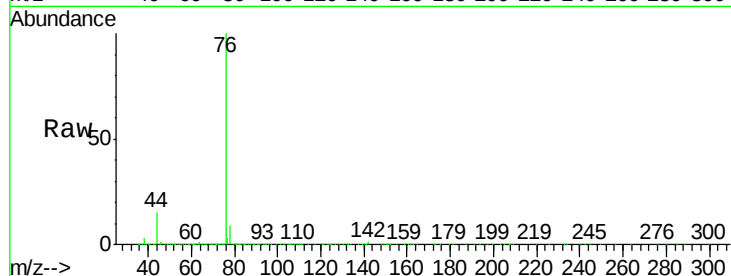
78 9.3 7.1 10.7

Manual Integrations

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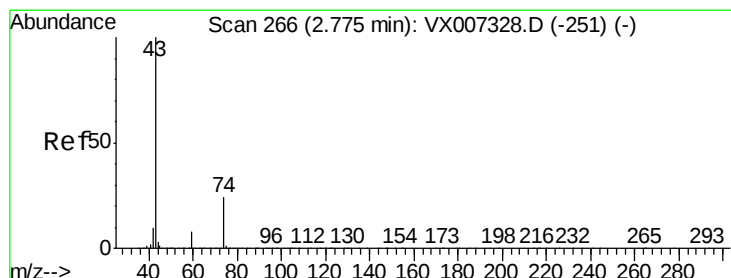
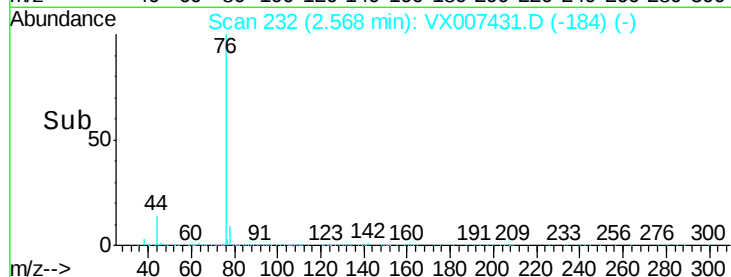
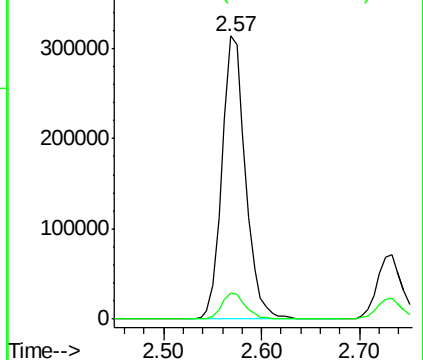
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.992 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007431.D

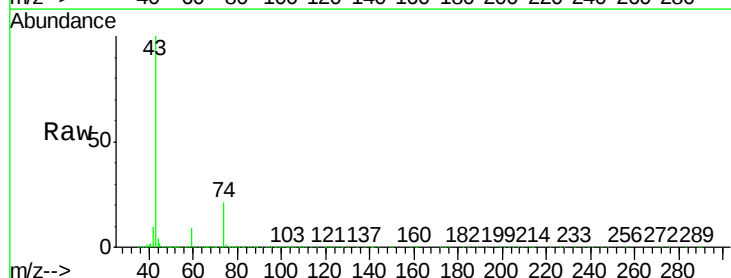
Acq: 07 Feb 2019 17:49

Tgt Ion: 43 Resp: 359745

Ion Ratio Lower Upper

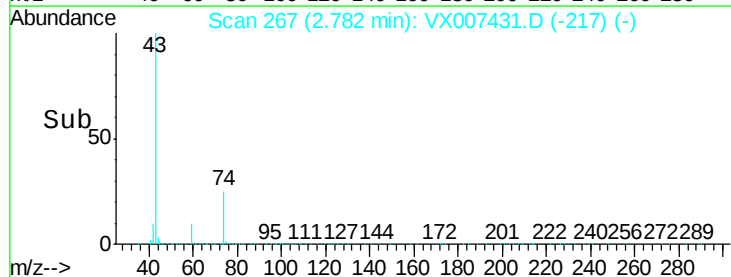
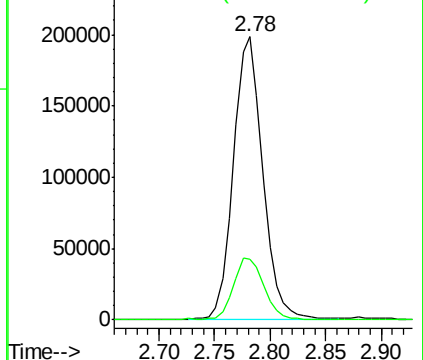
43 100

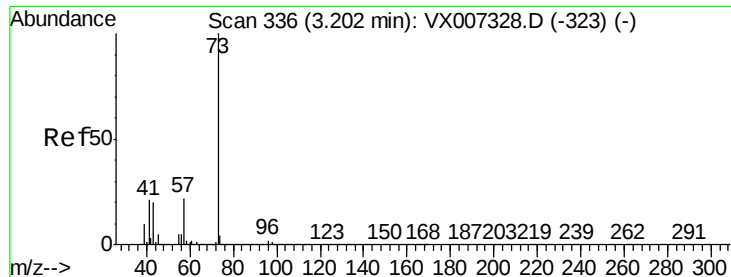
74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





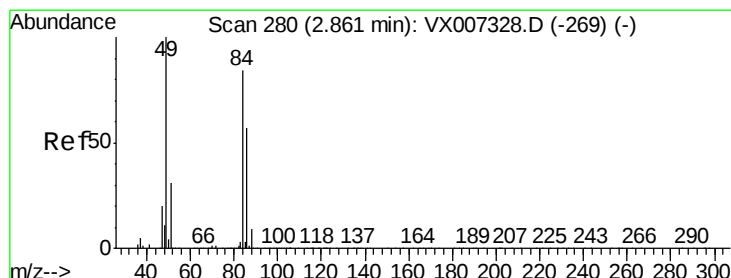
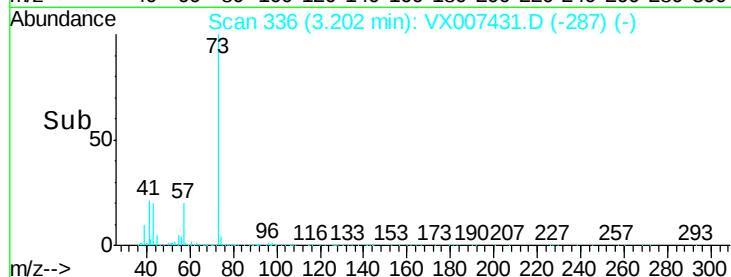
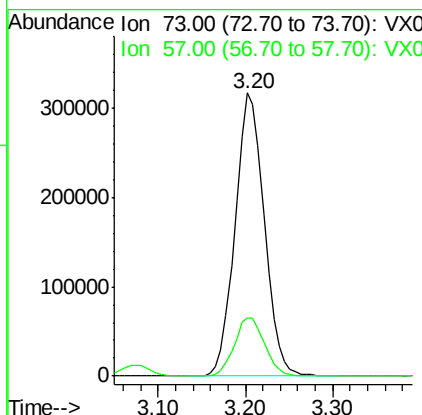
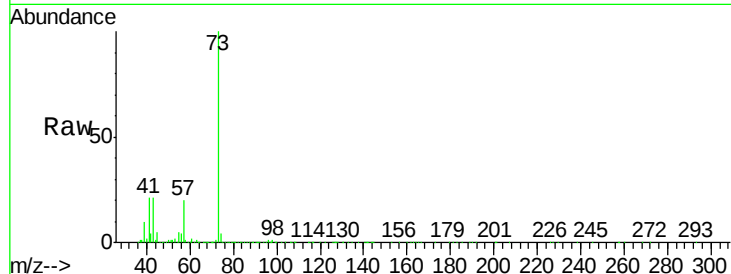
#19
Methvl tert-butvl Ether
Concen: 49.473 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.8

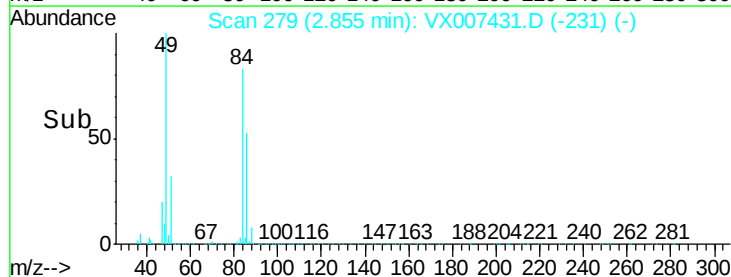
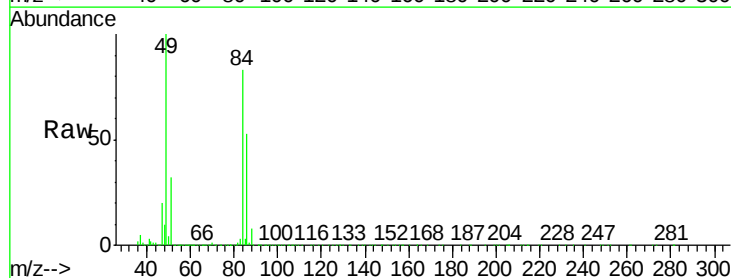
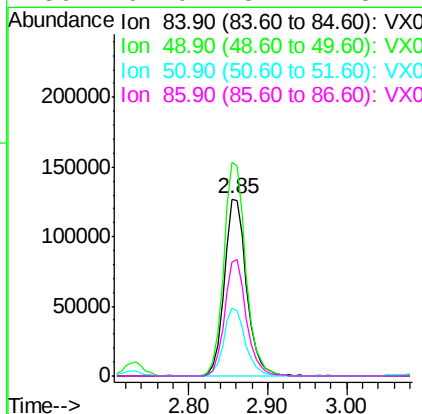
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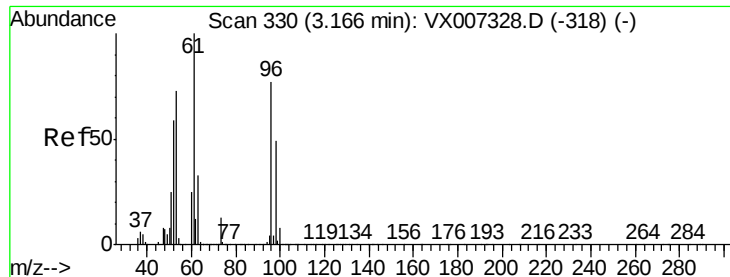
MMDadoda
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#20
Methylene Chloride
Concen: 51.939 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	94.8	142.2
51	38.0	29.8	44.8
86	64.0	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 45.658 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

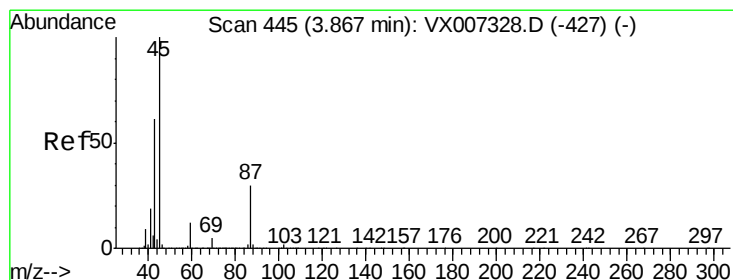
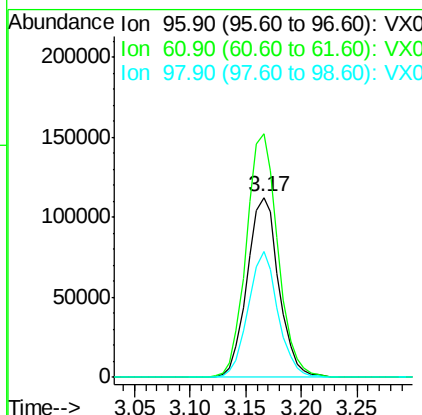
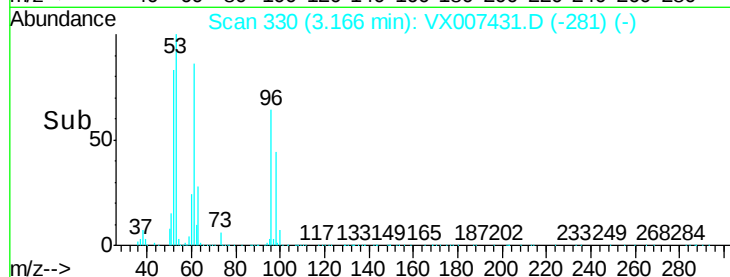
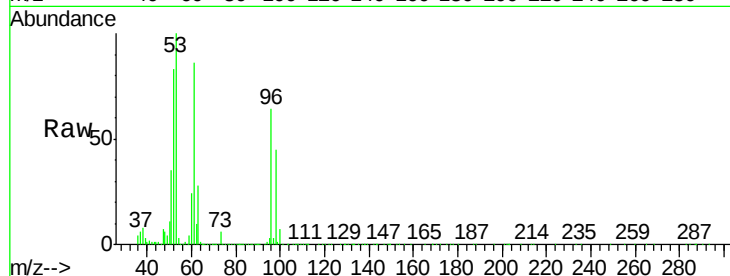
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	223140
Ion	Ratio	Lower	Upper
96	100		
61	135.2	104.6	156.8
98	69.9	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.495 ug/l

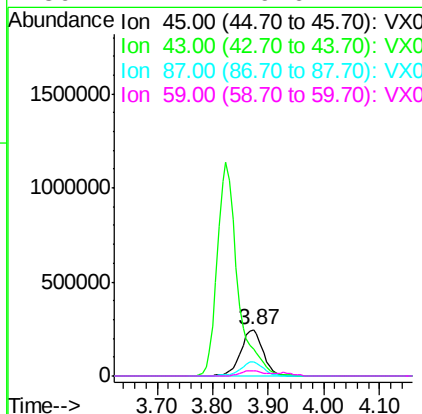
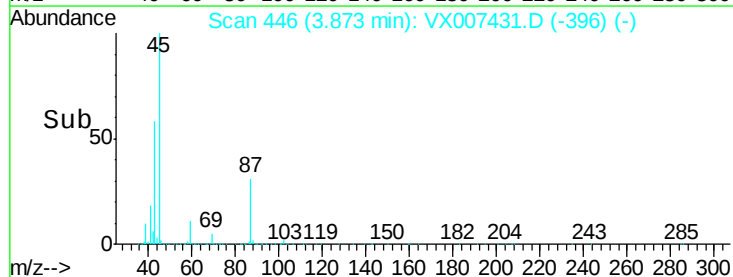
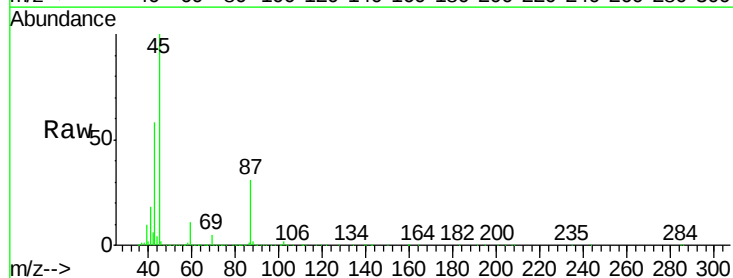
RT: 3.87 min Scan# 446

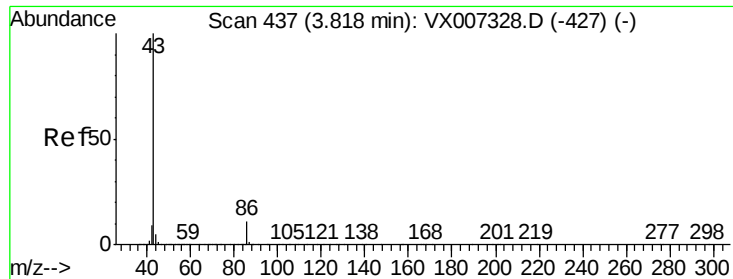
Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	45	Resp:	680559
Ion	Ratio	Lower	Upper
45	100		
43	57.5	48.9	73.3
87	30.6	23.9	35.9
59	11.4	9.6	14.4





#23

Vinyl Acetate

Concen: 254.060 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2898891

Ion Ratio Lower Upper

43 100

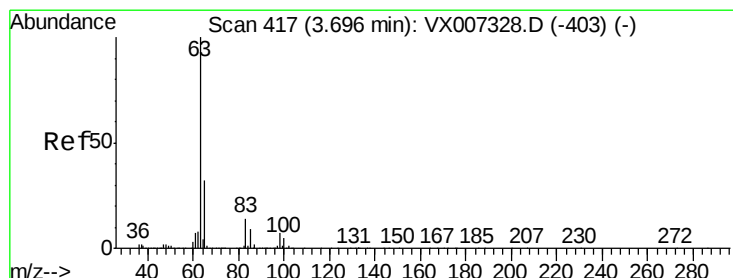
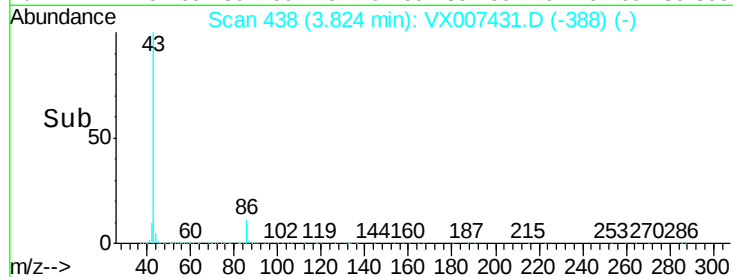
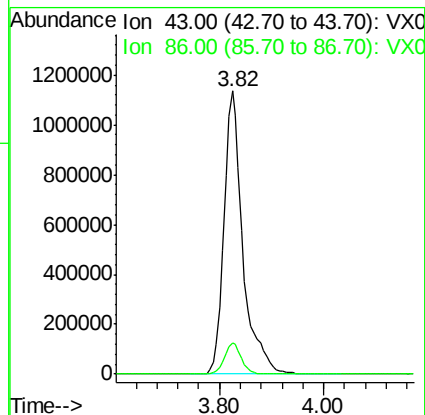
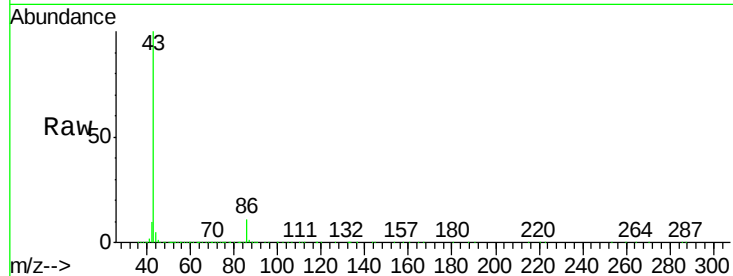
86 11.0 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.884 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

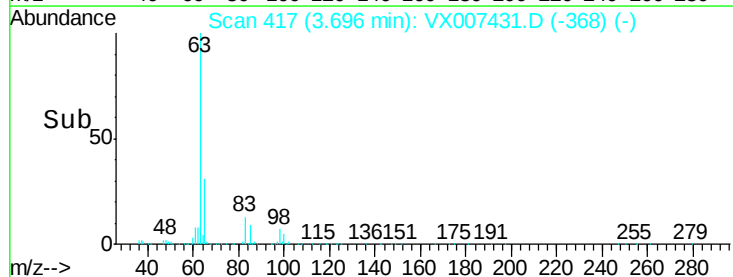
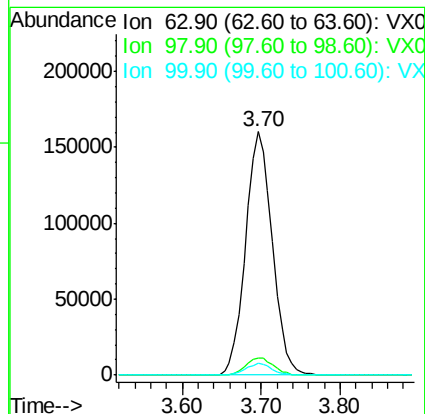
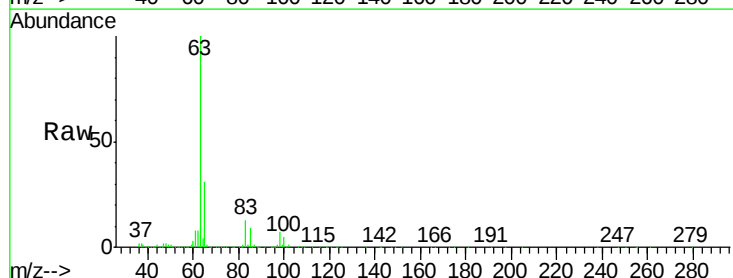
Tgt Ion: 63 Resp: 378110

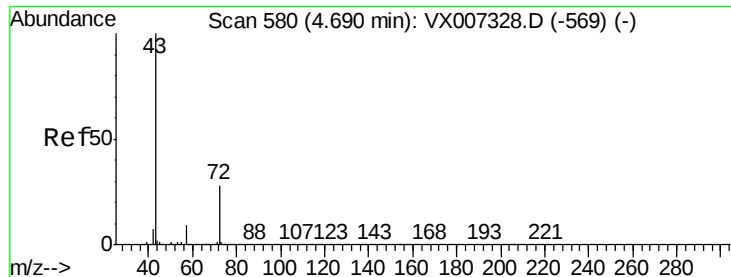
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 257.536 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 856239

Ion Ratio Lower Upper

43 100

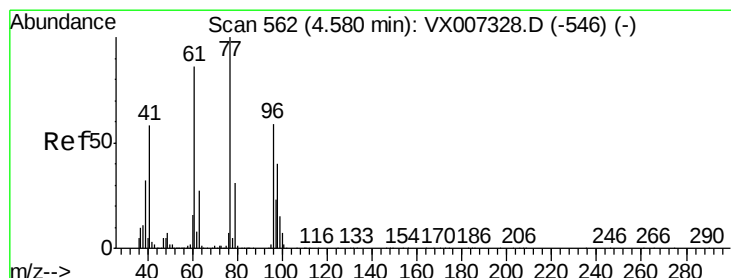
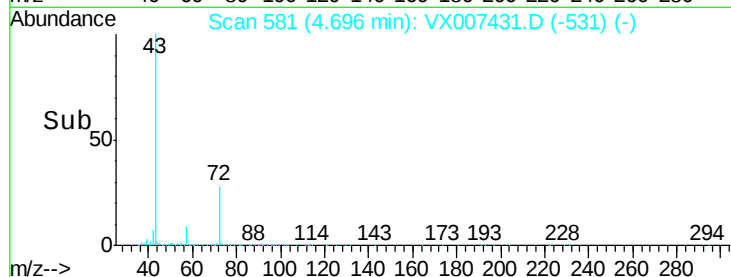
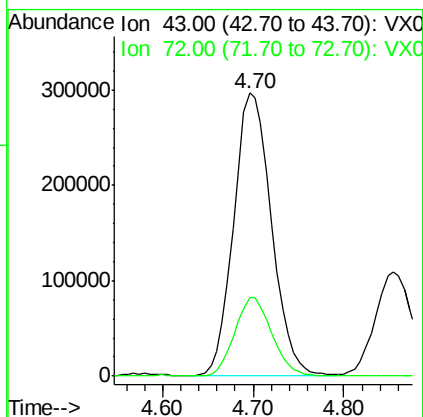
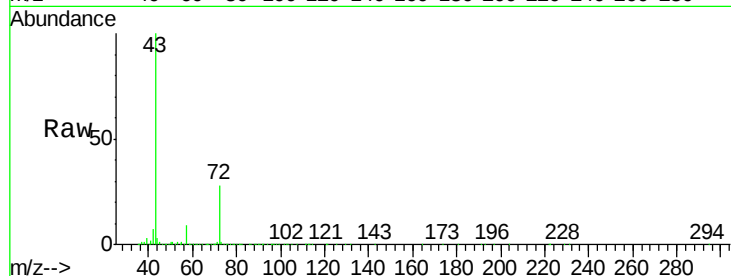
72 27.9 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.768 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007431.D

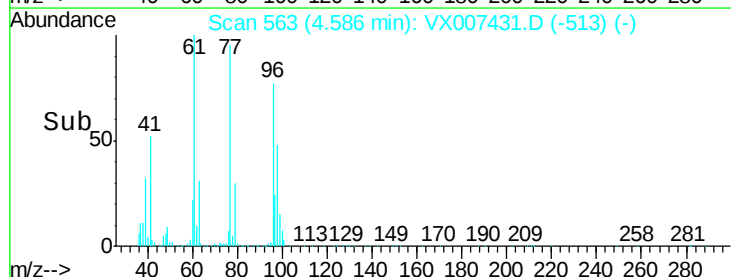
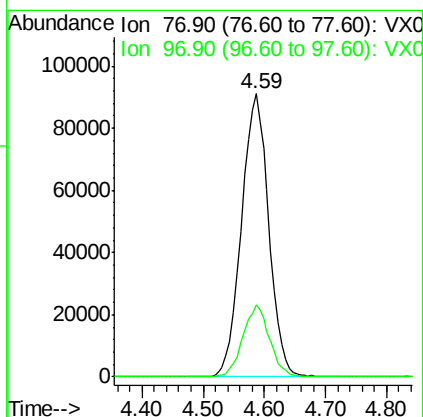
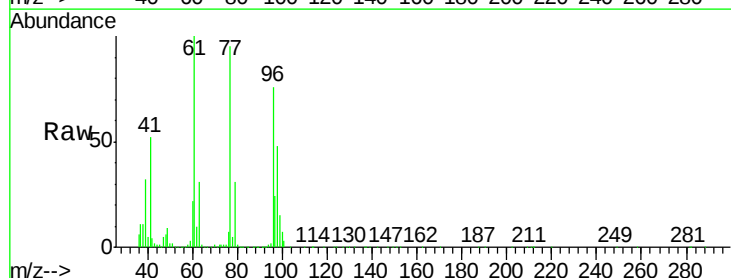
Acq: 07 Feb 2019 17:49

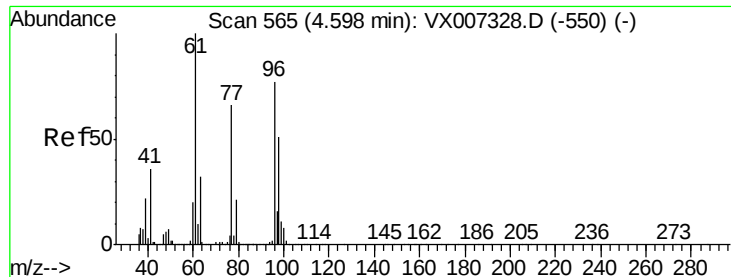
Tgt Ion: 77 Resp: 281243

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3





#27

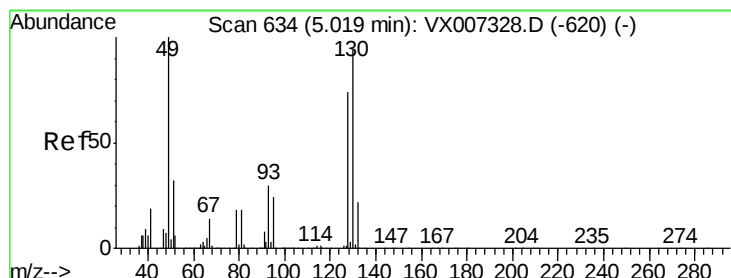
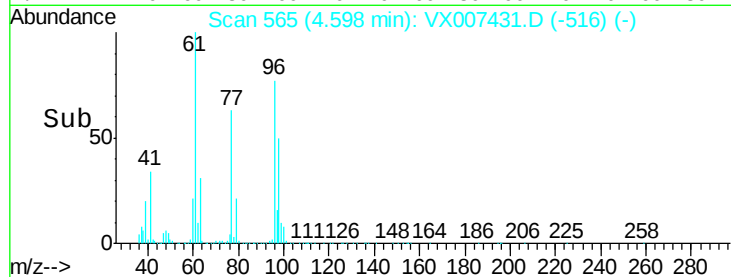
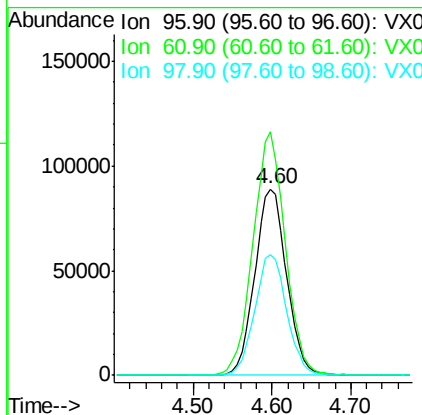
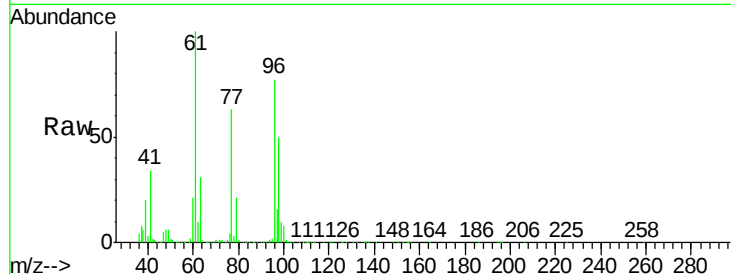
cis-1,2-Dichloroethene
Concen: 46.675 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249150		
61	132.2	0.0	265.6	
98	65.4	0.0	131.6	

Manual Integrations
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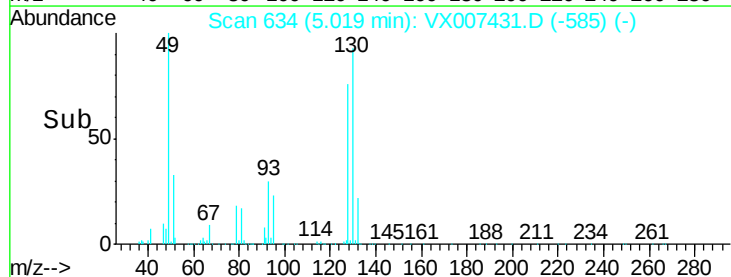
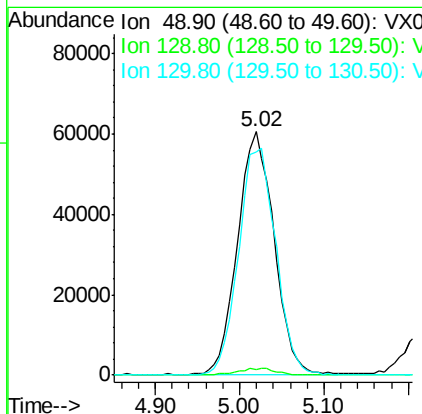
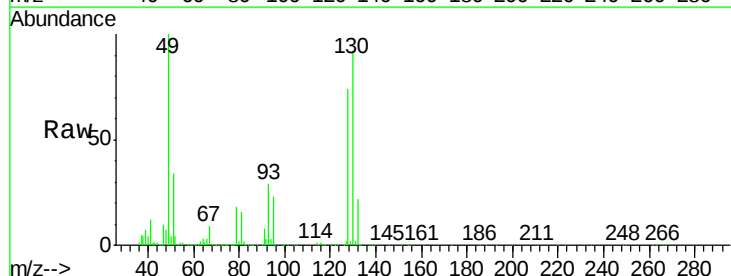
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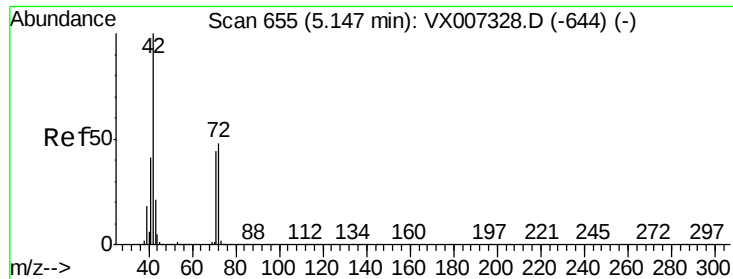


#28

Bromochloromethane
Concen: 48.864 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177439		
129	2.8	0.0	5.6	
130	95.6	75.6	113.4	





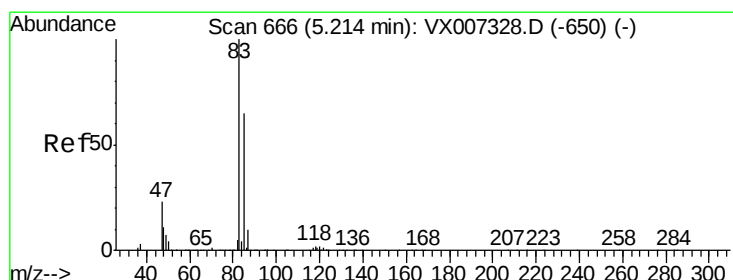
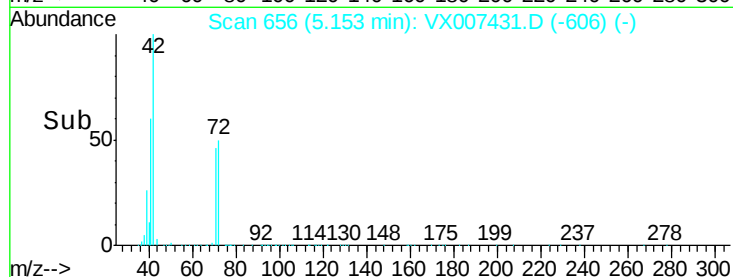
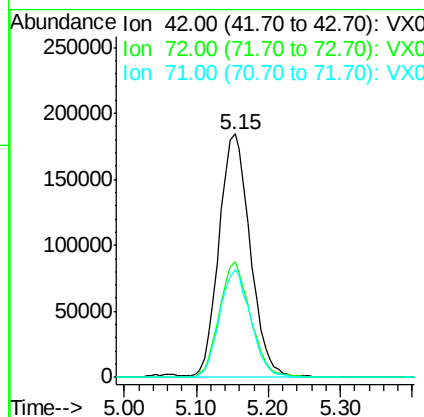
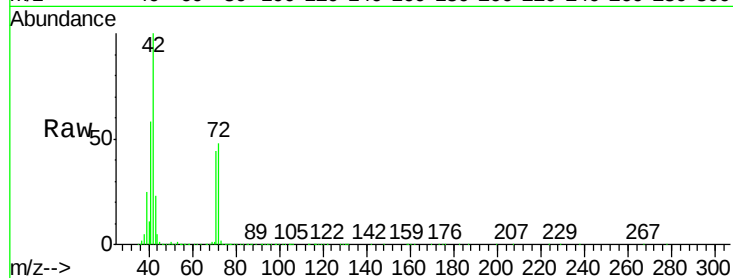
#29
Tetrahydrofuran
Concen: 265.013 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.6	56.4
71	44.0	34.6	51.8

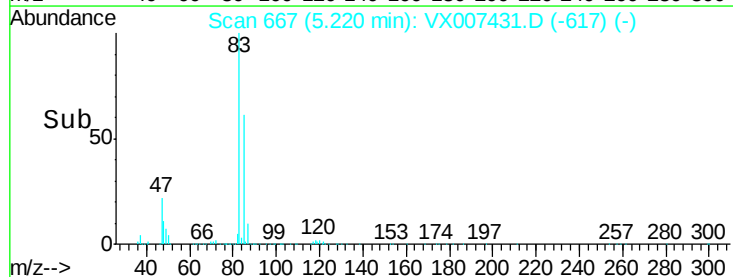
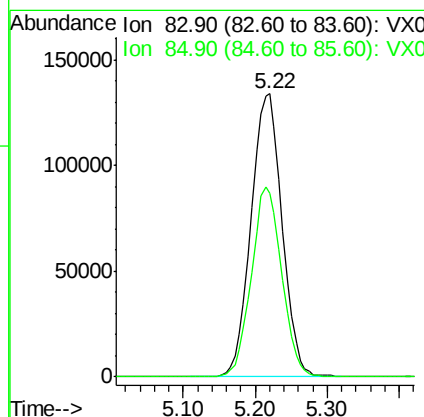
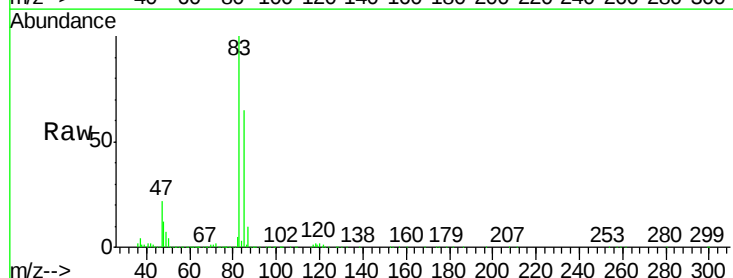
Manual Integrations
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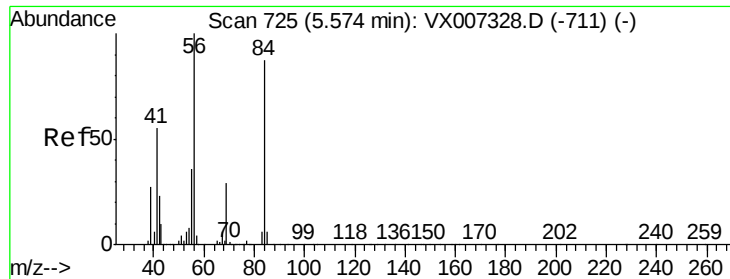
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#30
Chloroform
Concen: 48.709 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.6	77.4





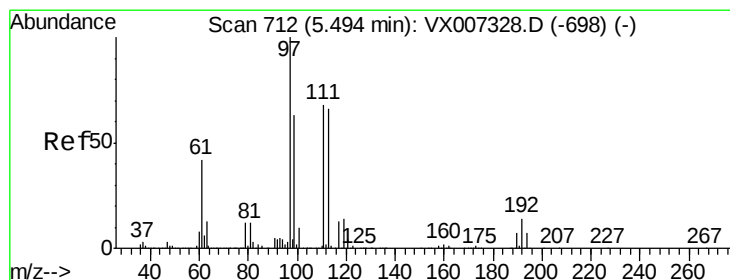
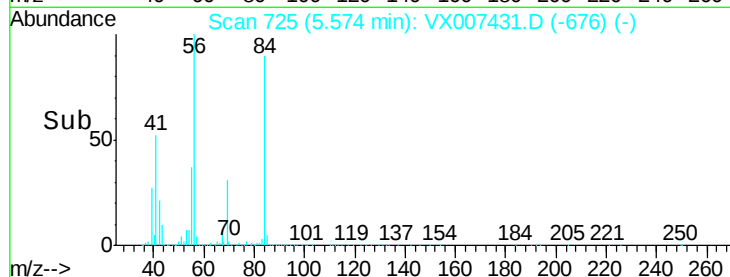
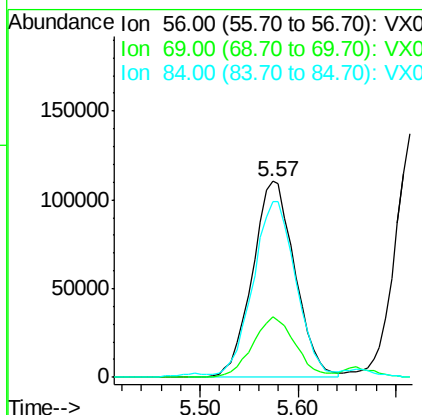
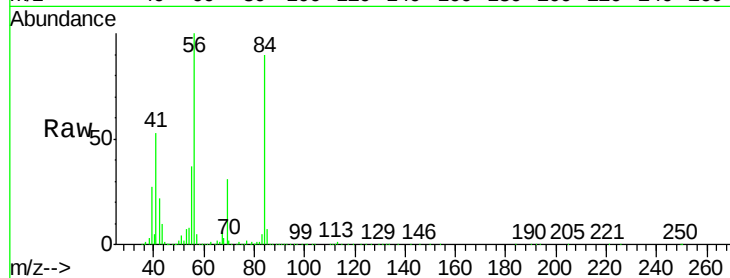
#31
Cyclohexane
Concen: 47.036 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.0	34.6
84	88.4	69.8	104.6

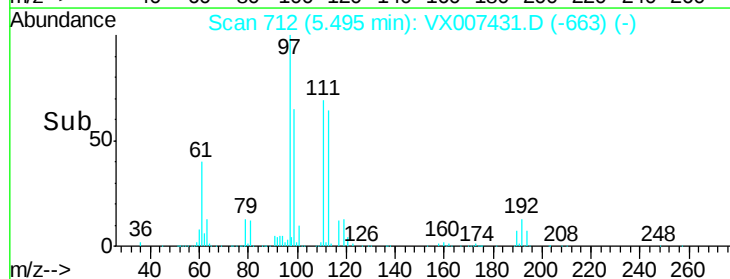
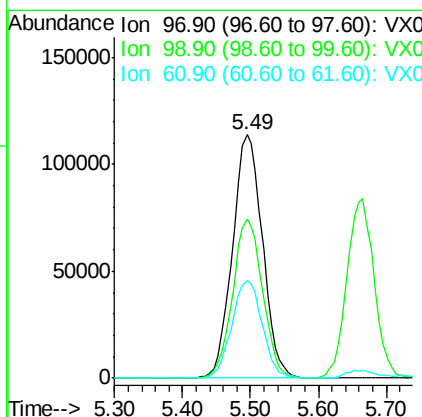
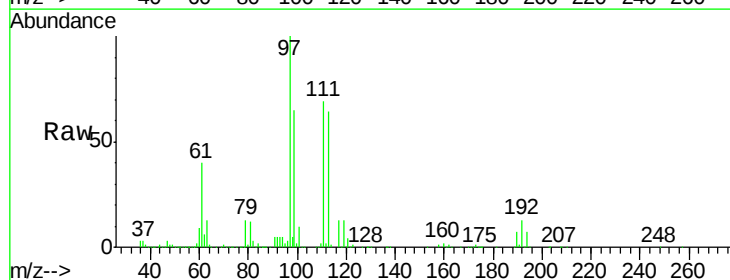
Manual Integrations
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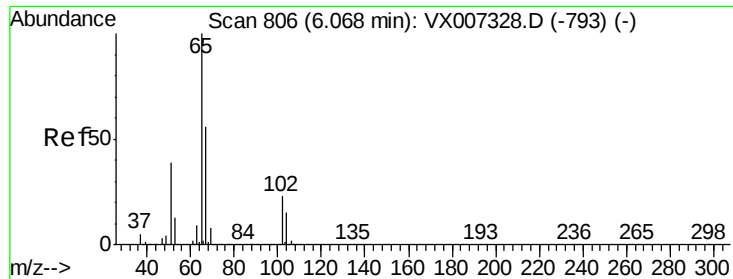
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#32
1,1,1-Trichloroethane
Concen: 50.053 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	40.7	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 48.859 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 249188

Ion Ratio Lower Upper

65 100

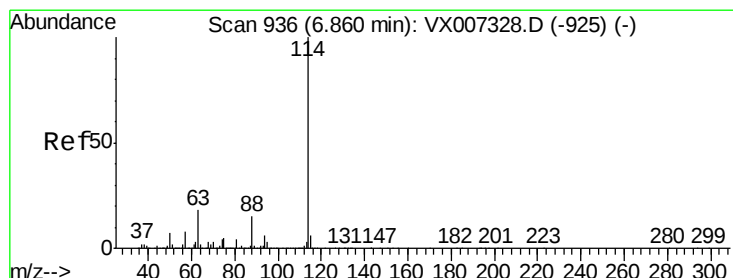
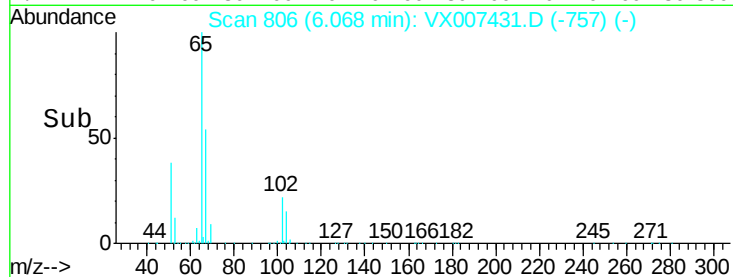
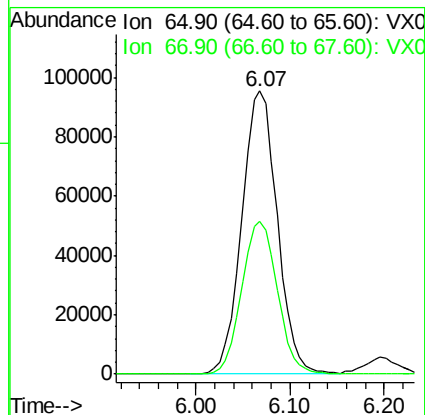
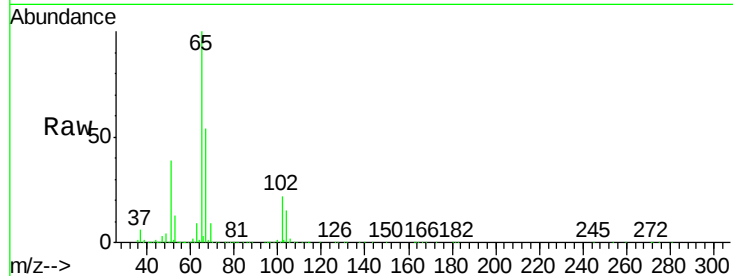
67 54.1 0.0 108.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

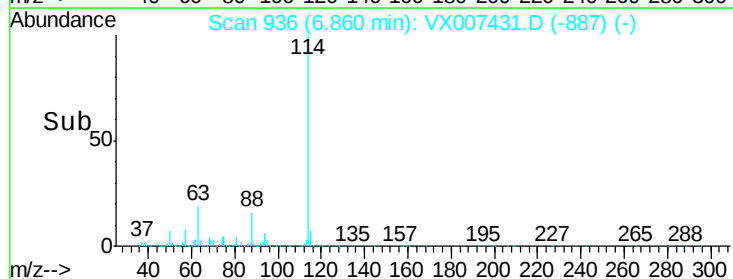
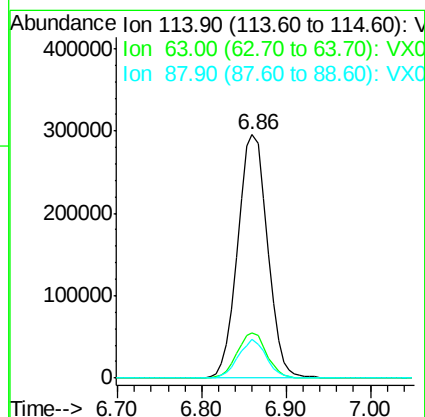
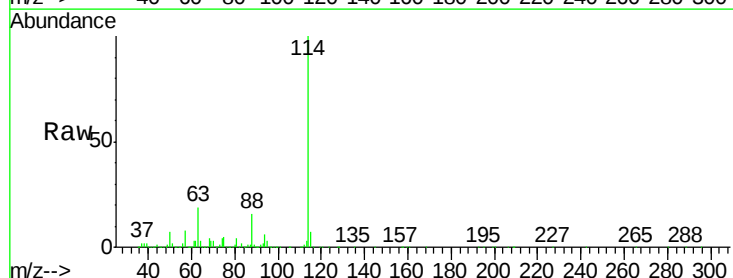
Tgt Ion: 114 Resp: 703608

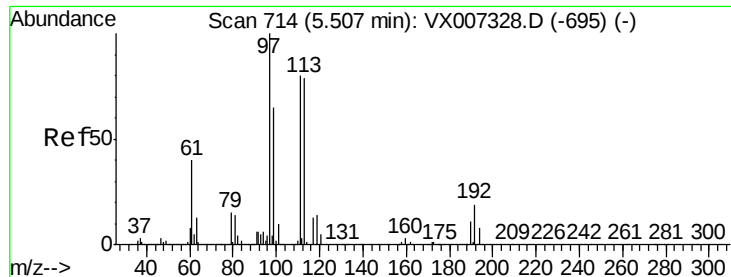
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.859 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007431.D

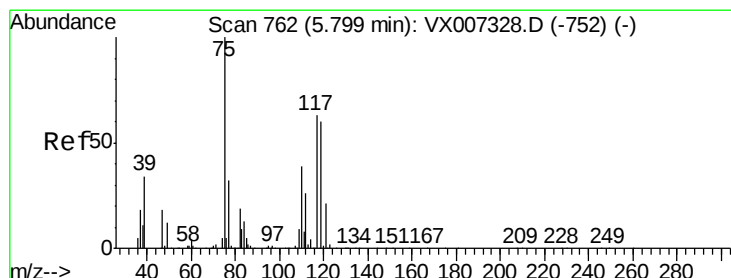
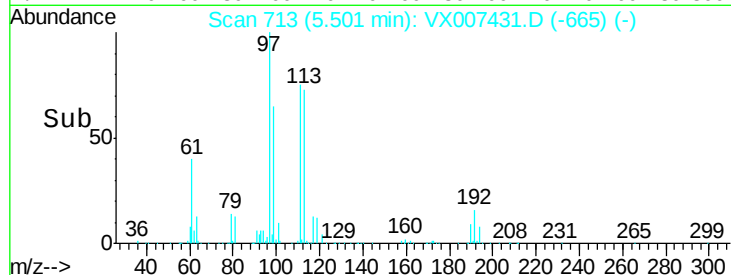
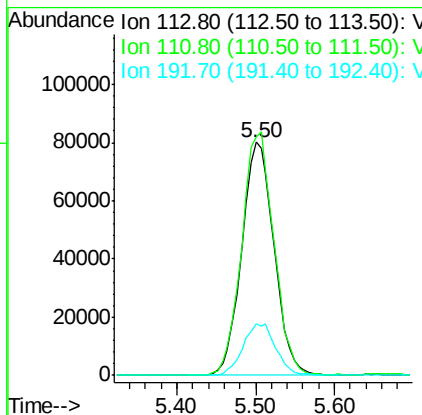
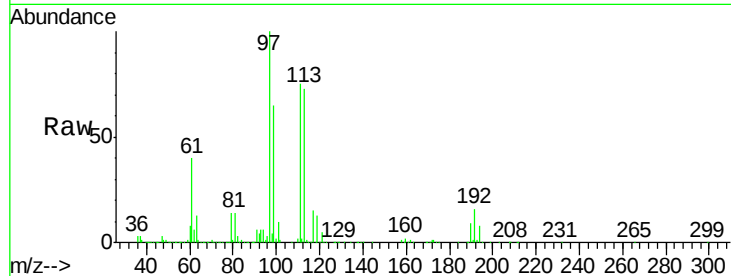
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	113	Resp:	228260
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.8	122.8
192	22.6	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.785 ug/l

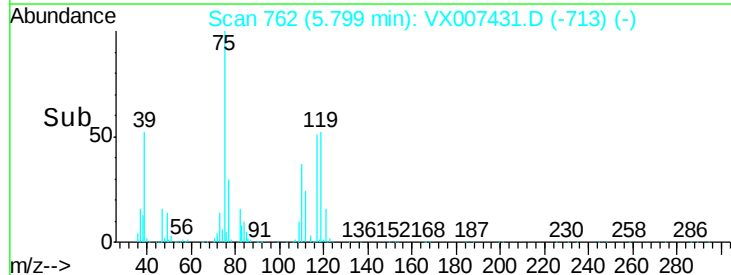
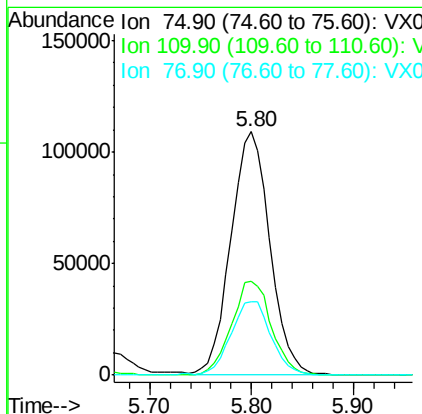
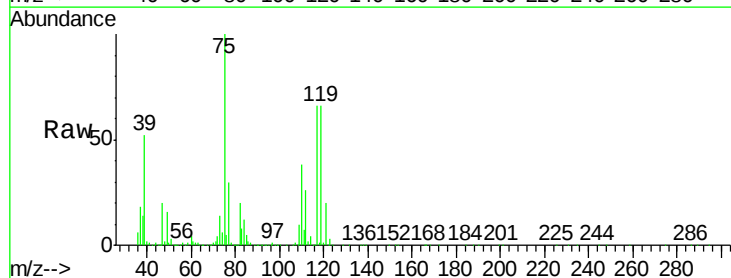
RT: 5.80 min Scan# 762

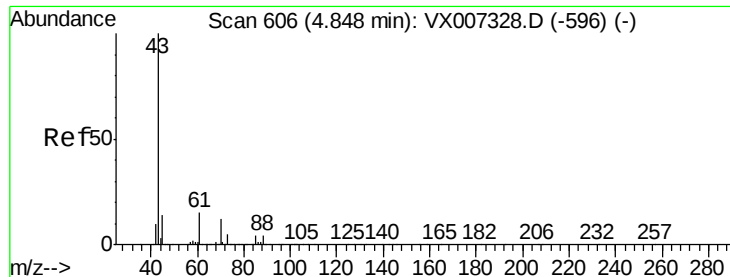
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	75	Resp:	289046
Ion Ratio	Lower	Upper	
75	100		
110	39.6	20.0	59.9
77	30.8	24.7	37.1





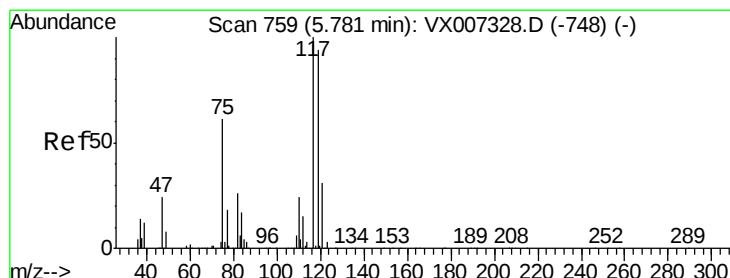
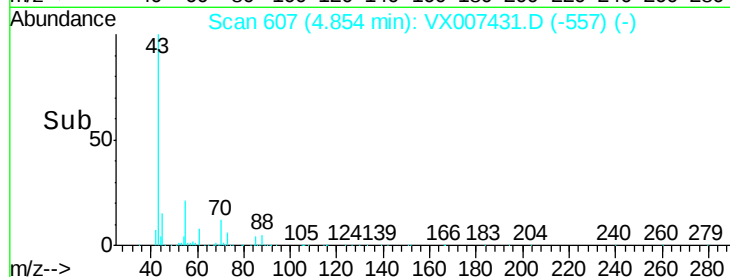
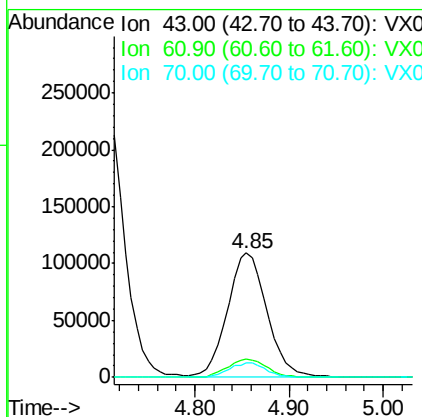
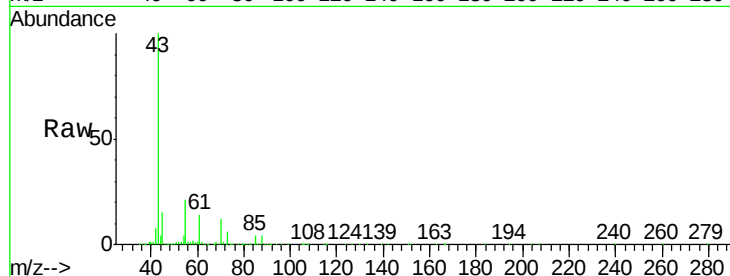
#37
Ethyl Acetate
Concen: 49.414 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	315342
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	11.2	8.6	13.0

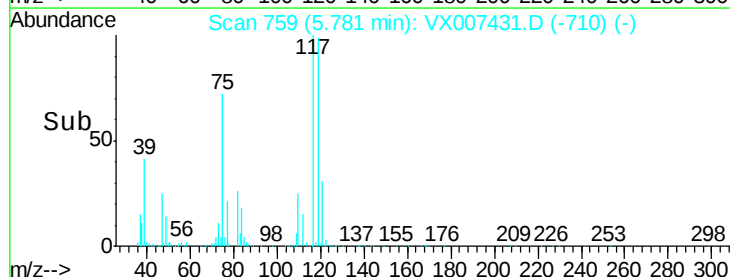
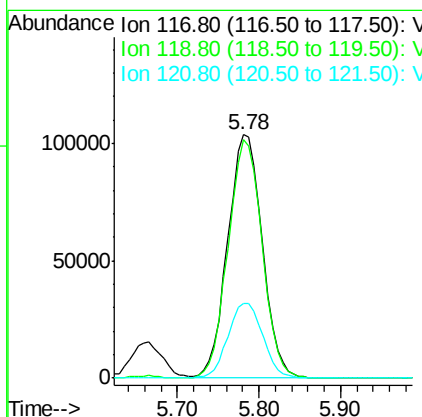
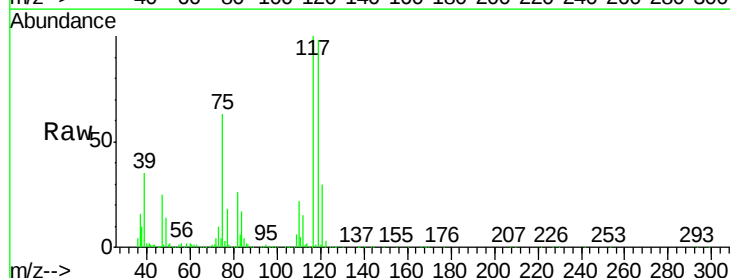
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#38
Carbon Tetrachloride
Concen: 49.579 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion:	117	Resp:	303652
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.3	112.9
121	30.5	25.0	37.4





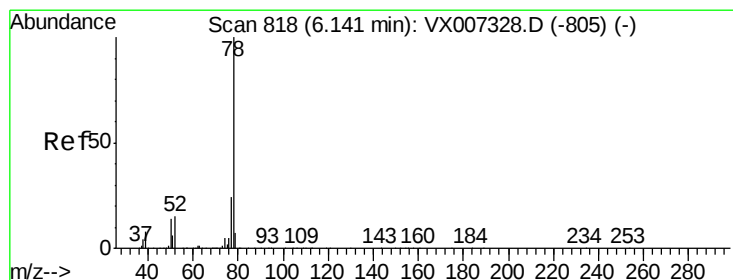
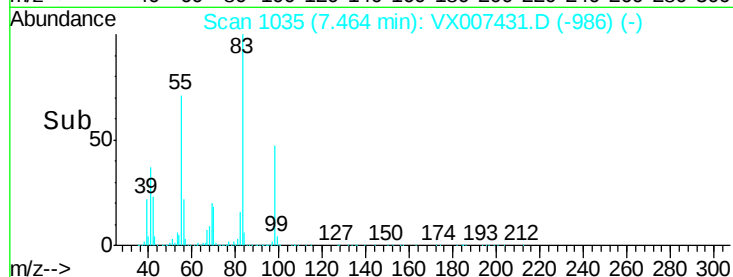
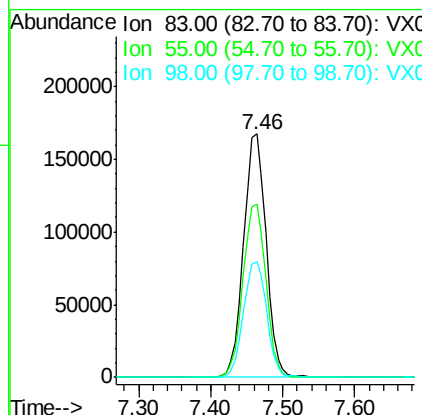
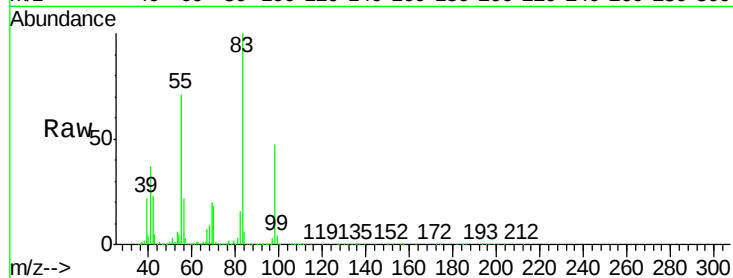
#39
Methvlcvclohexane
Concen: 47.575 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.2	84.2
98	47.4	36.8	55.2

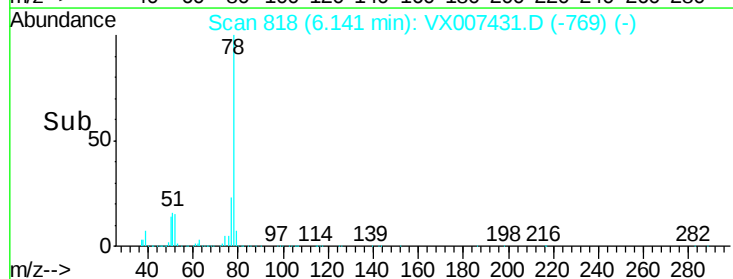
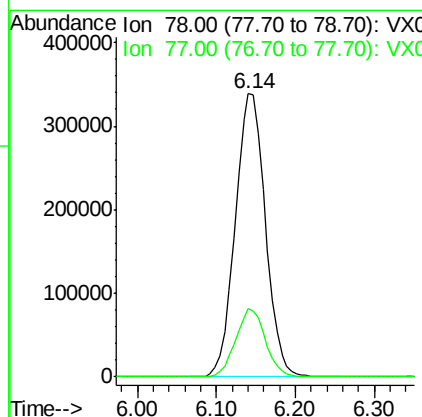
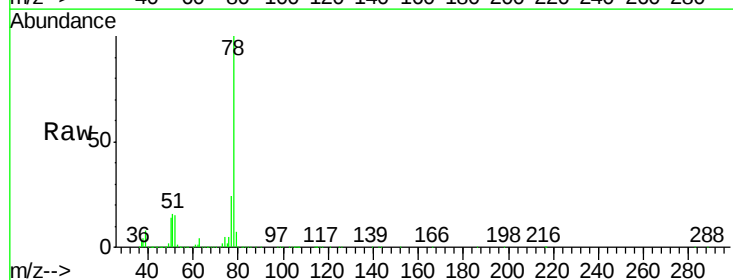
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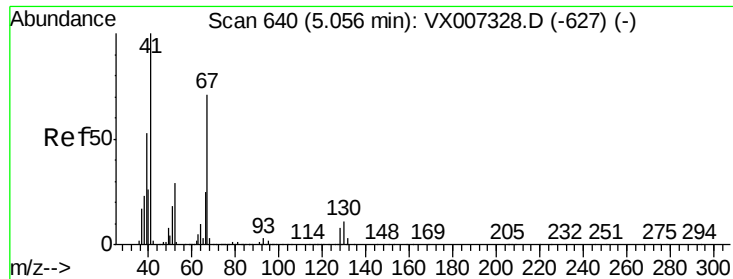
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#40
Benzene
Concen: 48.326 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





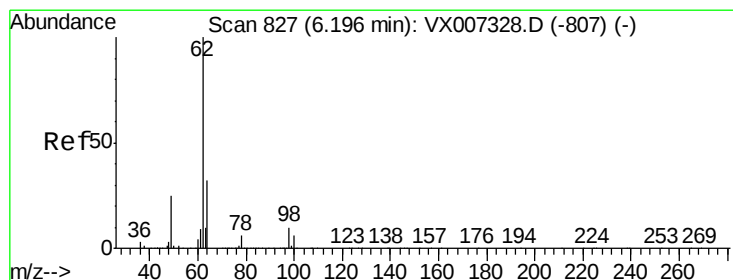
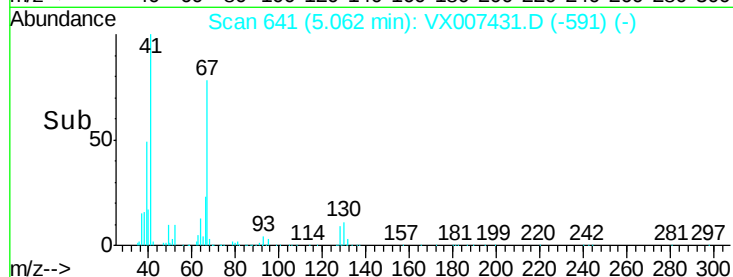
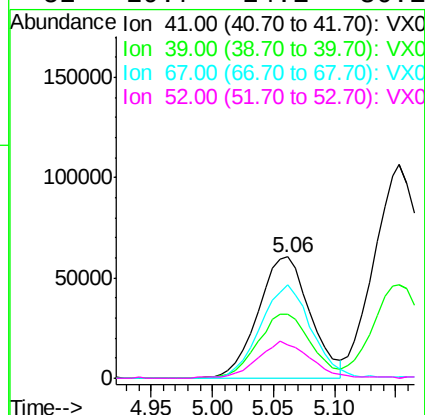
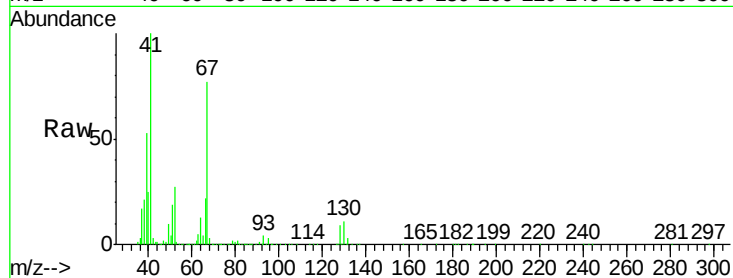
#41
Methacrylonitrile
Concen: 52.160 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	44.5	66.7	
67	75.6	60.4	90.6	
52	29.7	24.1	36.1	

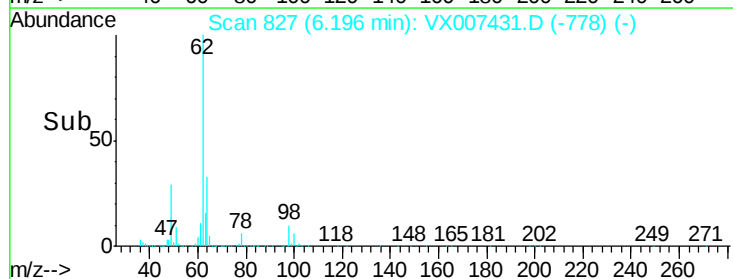
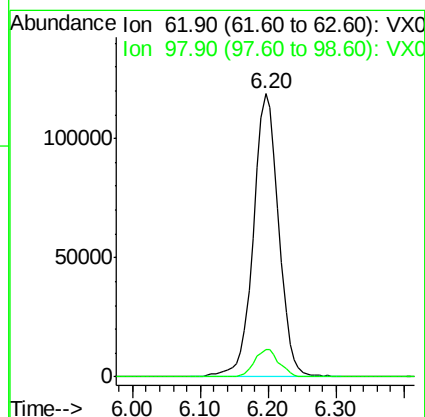
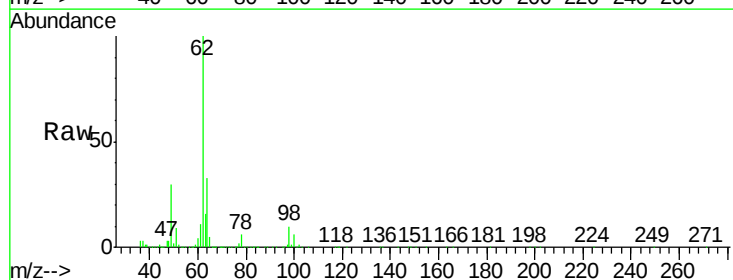
Manual Integrations
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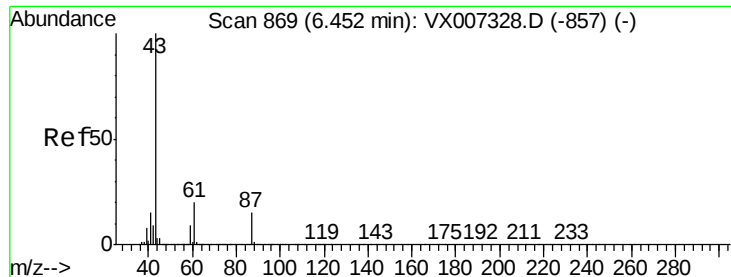
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#42
1,2-Dichloroethane
Concen: 47.764 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.0	





#43

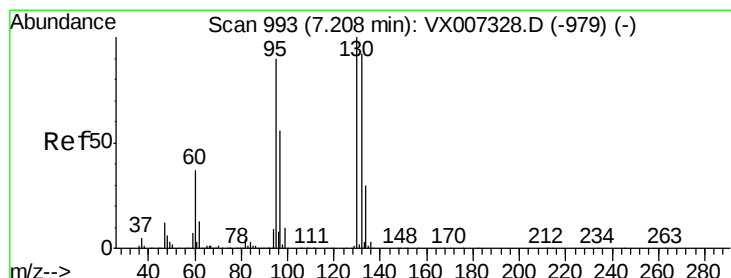
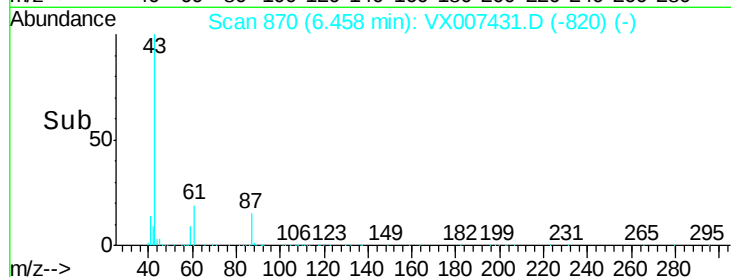
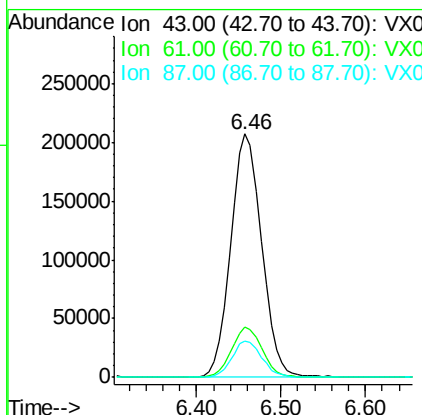
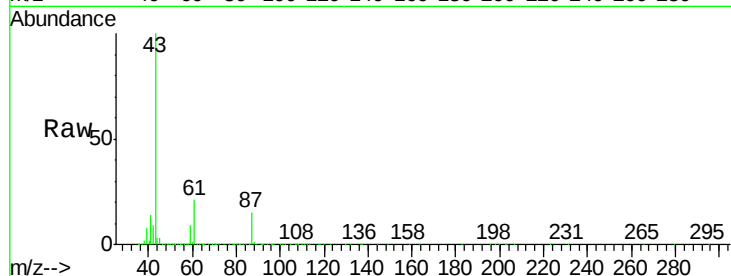
Isopropyl Acetate
 Concen: 51.948 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.1	24.1
87	14.6	11.5	17.3

Manual Integrations
 APPROVED

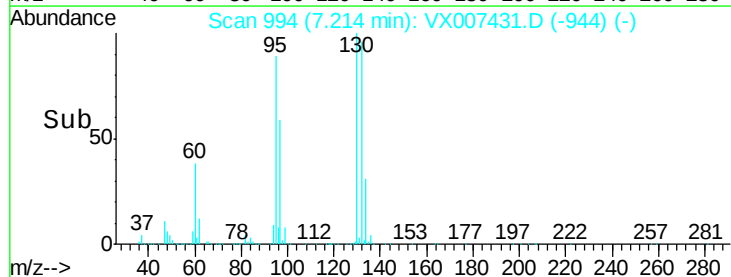
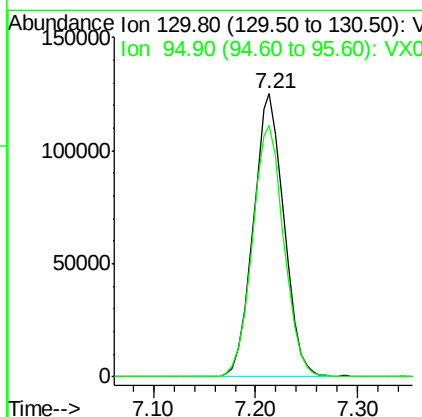
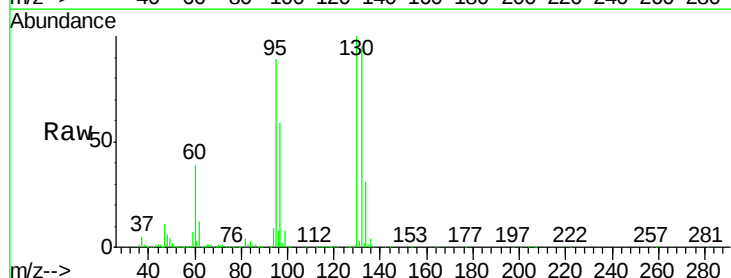
MMDadoda
 2/11/2019 12:28:05 PM

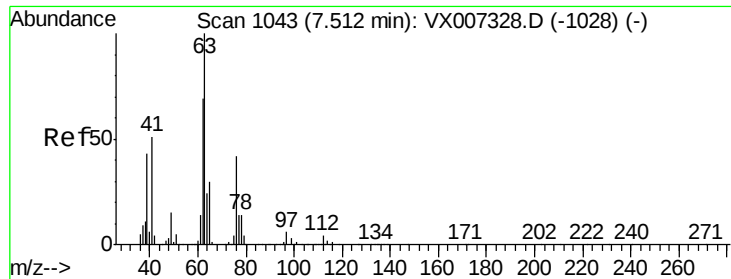


#44

Trichloroethene
 Concen: 46.966 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.980 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 228217

Ion Ratio Lower Upper

63 100

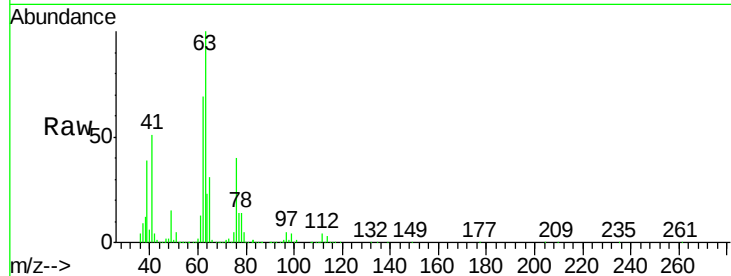
65 31.2 24.2 36.2

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

120000

100000

80000

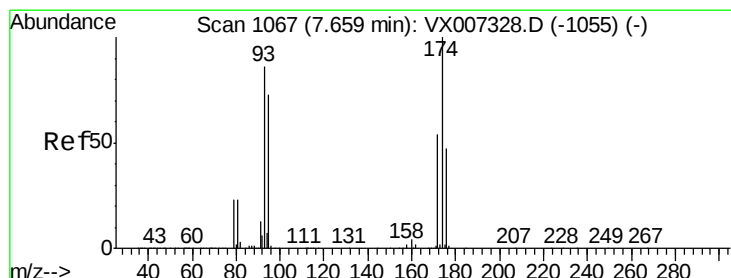
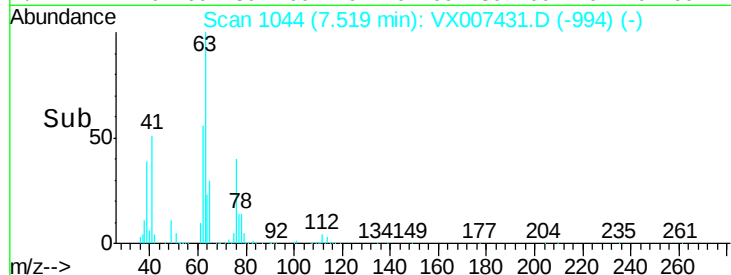
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.121 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

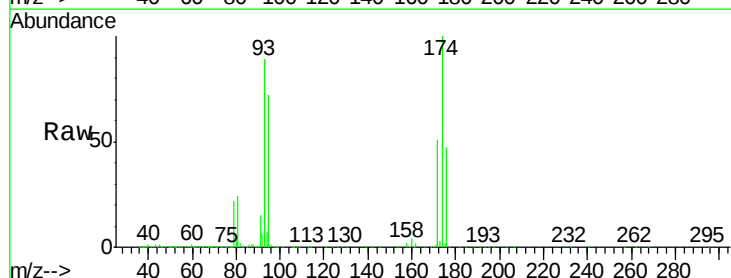
Tgt Ion: 93 Resp: 162959

Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

174 116.0 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

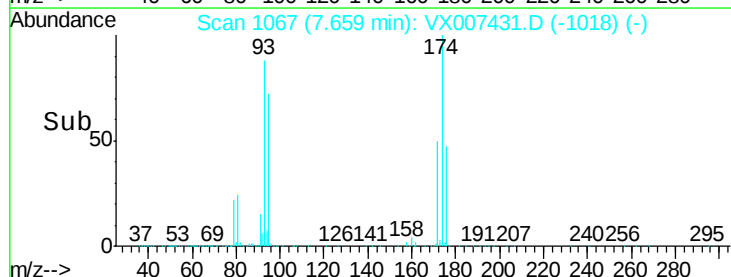
Ion 173.70 (173.40 to 174.40): V

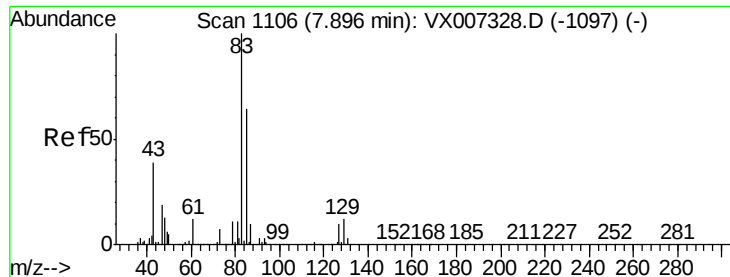
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.298 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

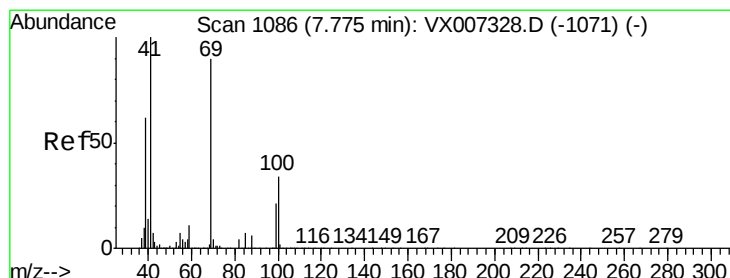
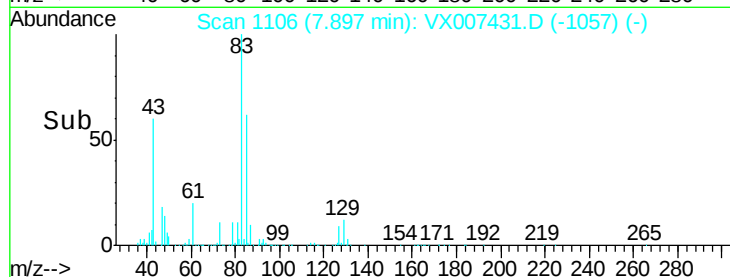
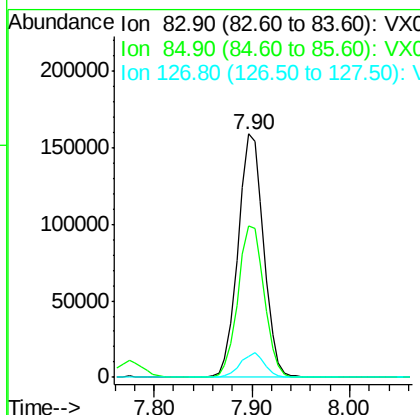
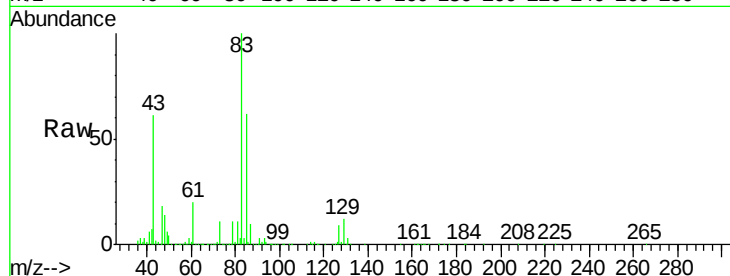
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	288671
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.4	77.0
127	8.7	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.723 ug/l

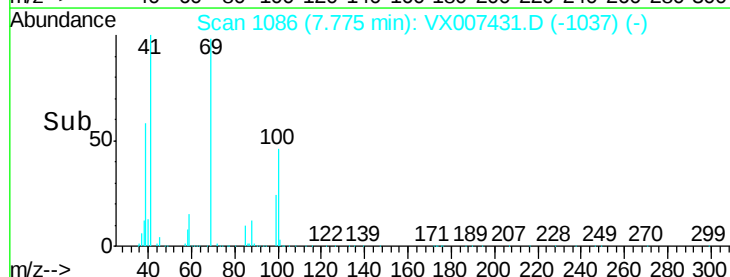
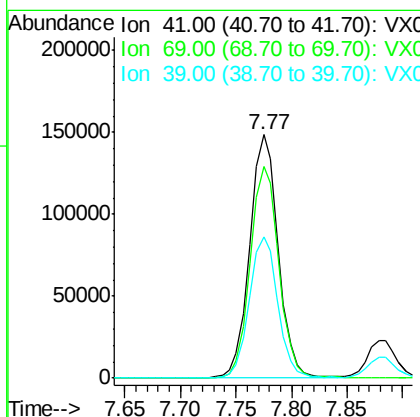
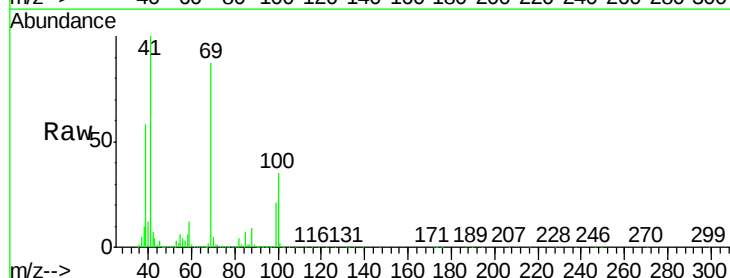
RT: 7.77 min Scan# 1086

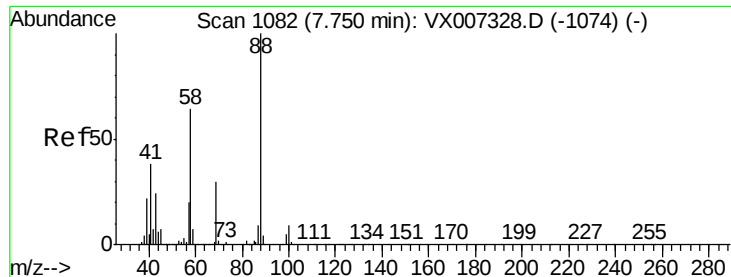
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	41	Resp:	264695
Ion Ratio	Lower	Upper	
41	100		
69	87.8	70.2	105.4
39	58.6	47.4	71.0





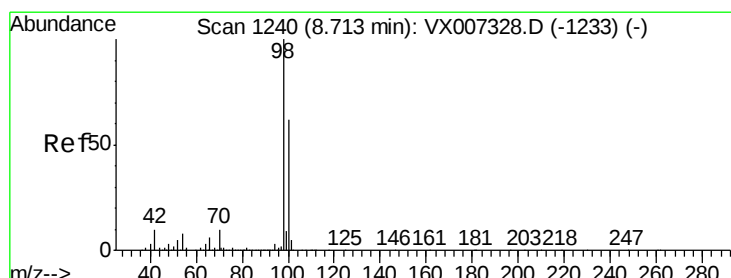
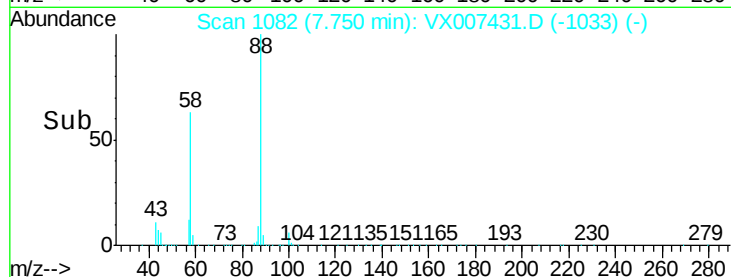
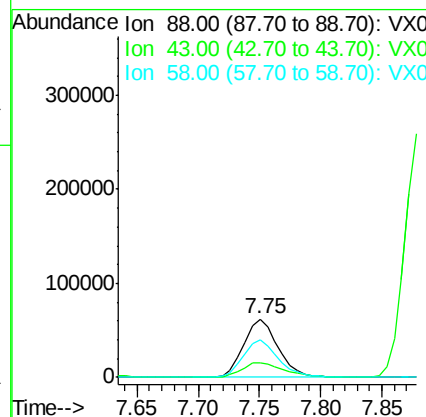
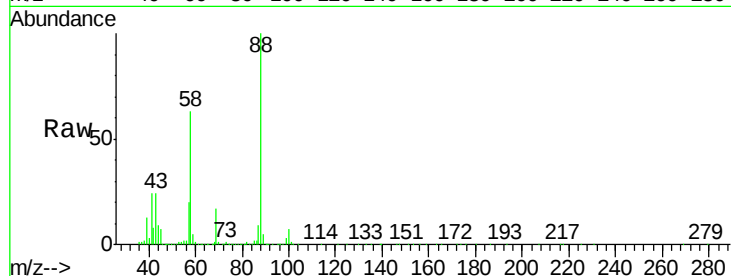
#49
 1,4-Dioxane
 Concen: 1072.630 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.2	36.4
58	65.7	53.0	79.4

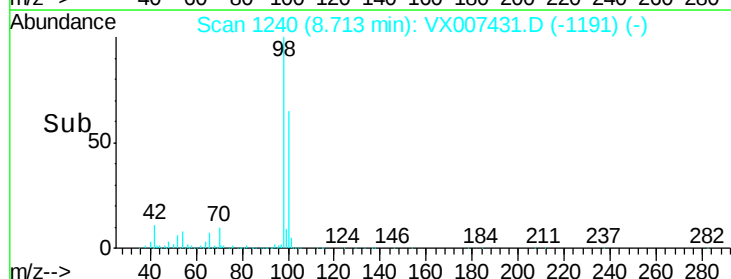
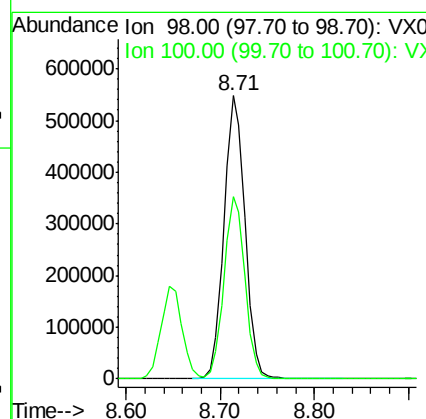
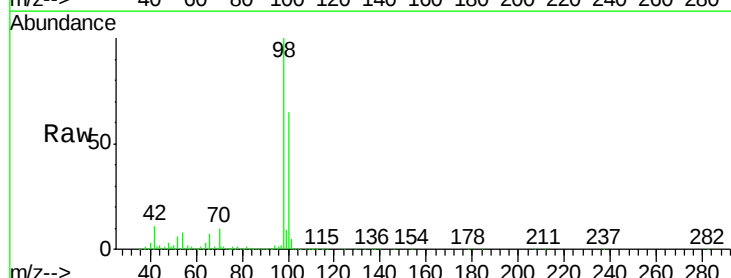
Manual Integrations
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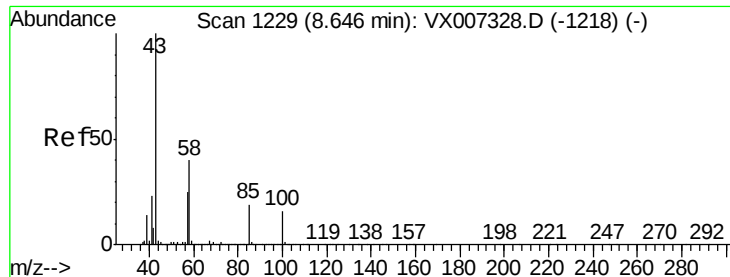
MMDadoda
 2/11/2019 12:28:05 PM



#50
 Toluene-d8
 Concen: 49.777 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 259.742 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1684292

Ion Ratio Lower Upper

43 100

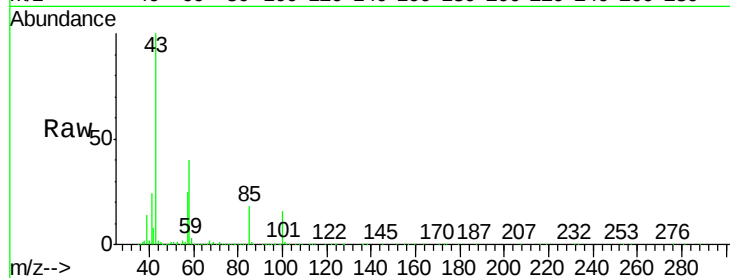
58 39.7 31.2 46.8

Manual Integrations

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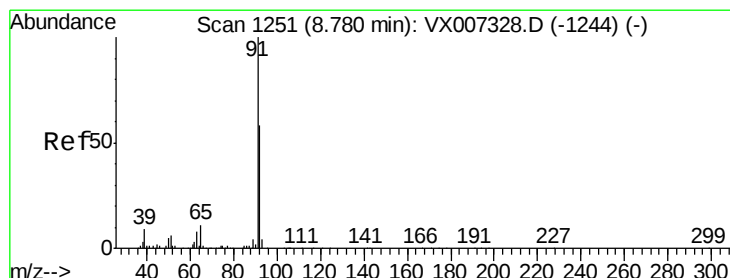
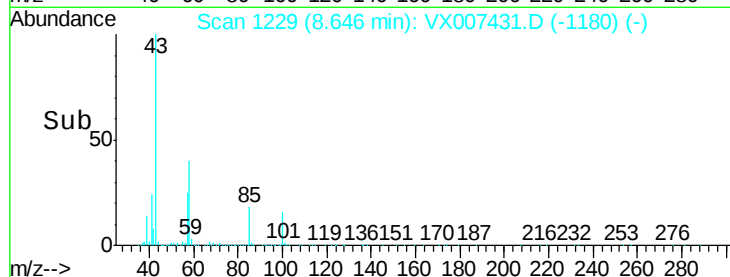
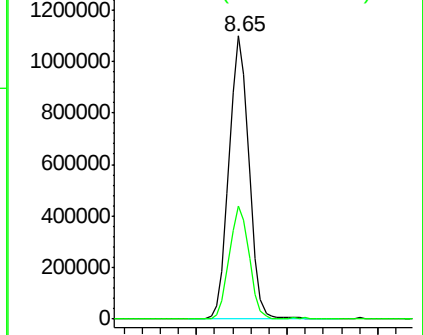
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.185 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007431.D

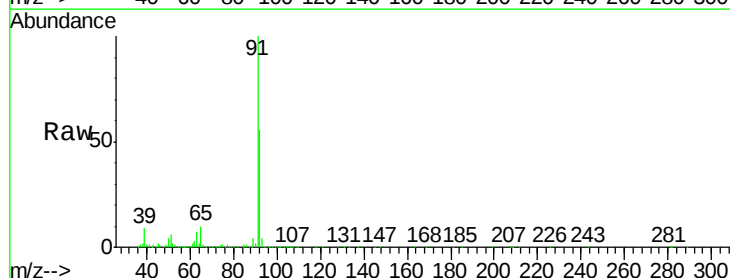
Acq: 07 Feb 2019 17:49

Tgt Ion: 92 Resp: 578128

Ion Ratio Lower Upper

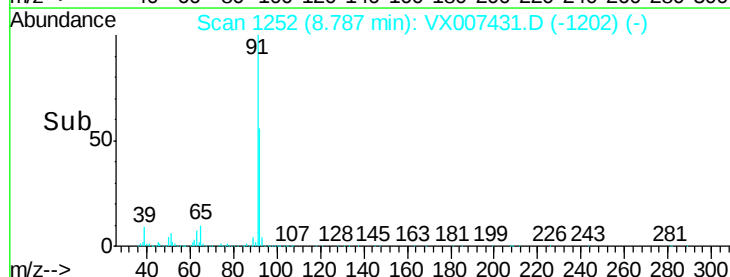
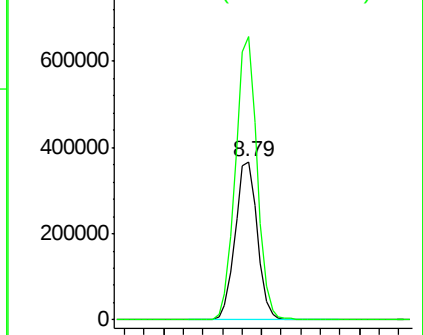
92 100

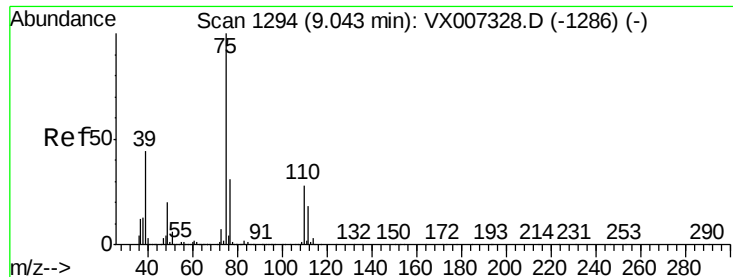
91 175.1 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





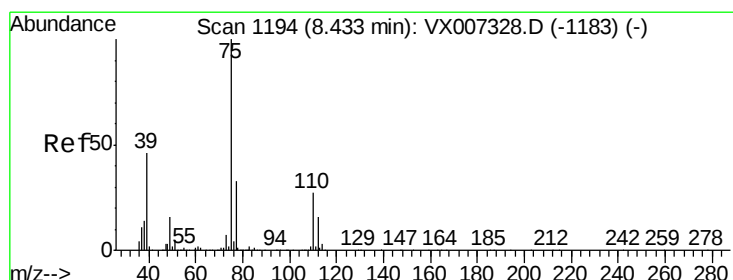
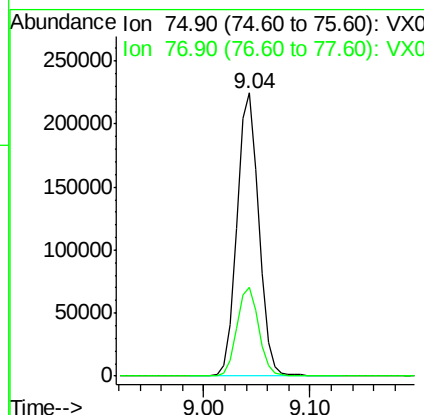
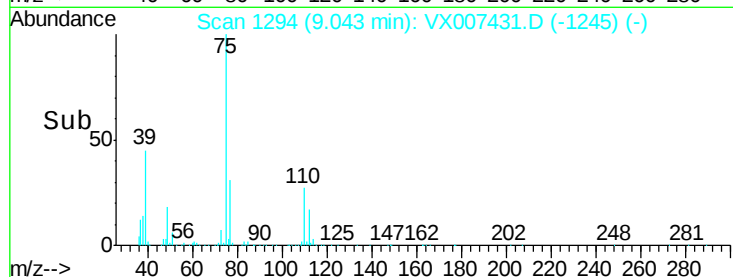
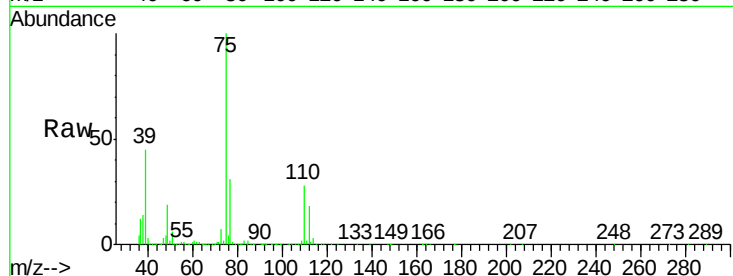
#53
t-1,3-Dichloropropene
Concen: 52.327 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 322586
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8

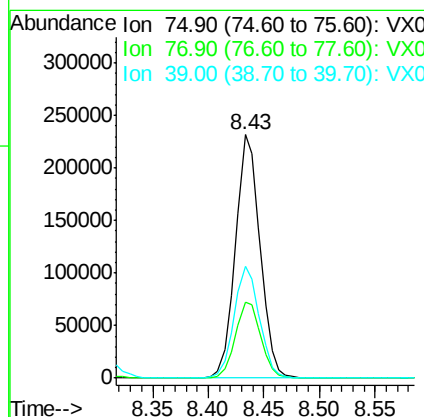
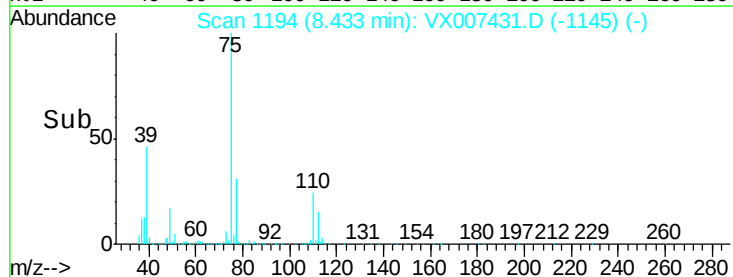
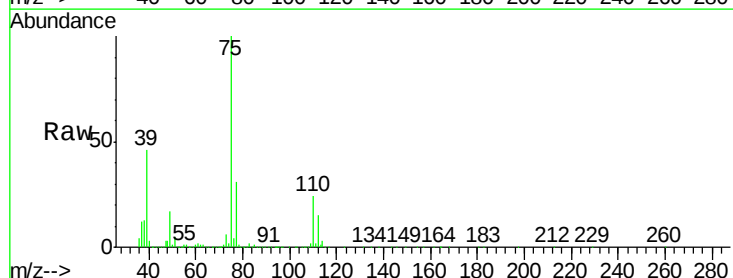
Manual Integrations
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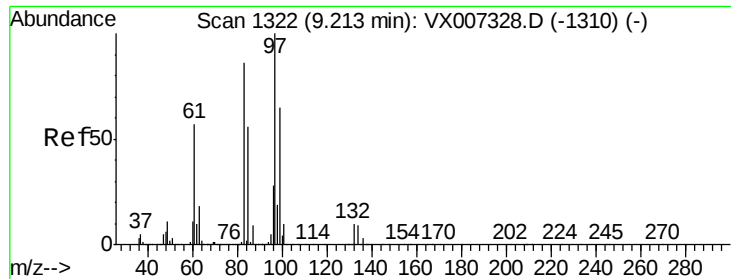
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#54
cis-1,3-Dichloropropene
Concen: 52.235 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 75 Resp: 354127
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4
39 45.9 37.1 55.7





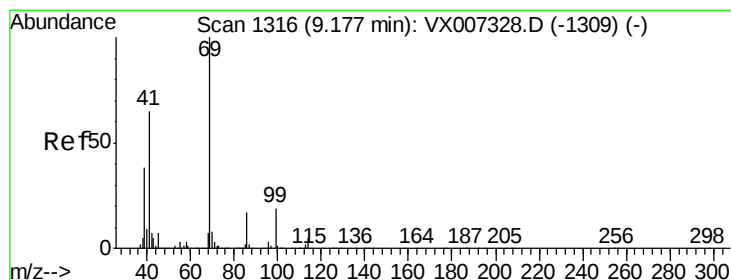
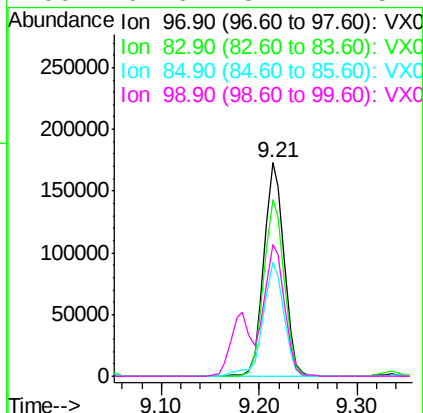
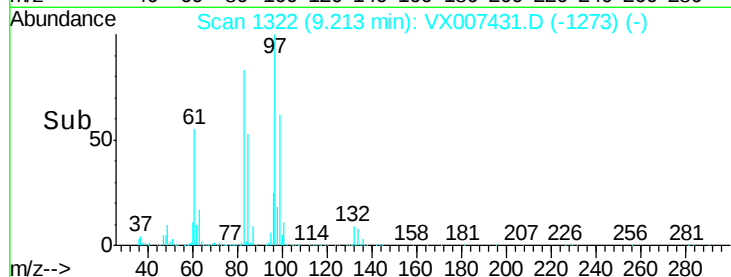
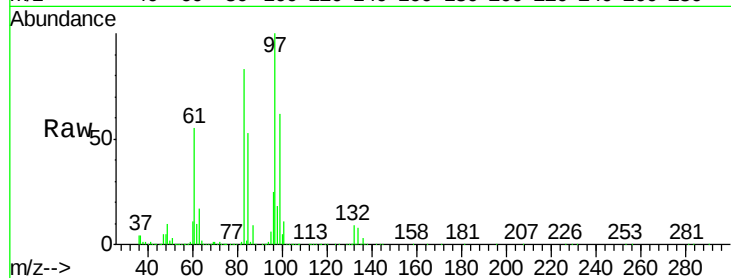
#55
1,1,2-Trichloroethane
Concen: 49.807 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		249104		
83	82.9	68.6	102.8		
85	53.3	44.5	66.7		
99	61.6	52.2	78.4		

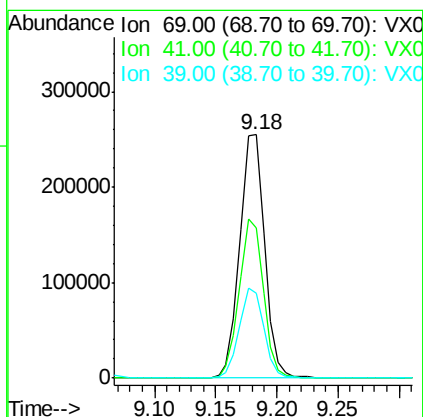
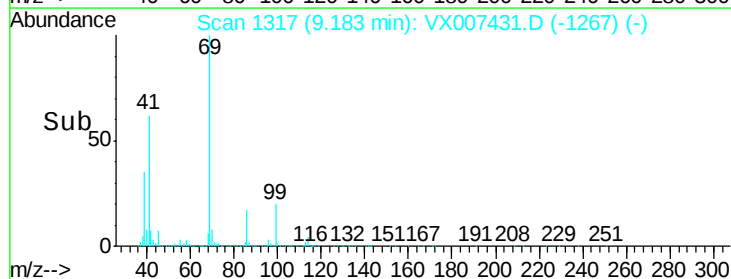
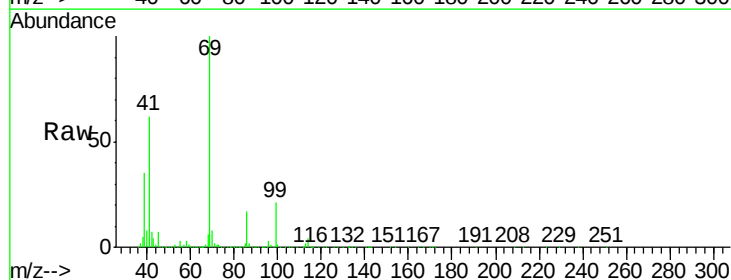
Manual Integrations
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#56
Ethyl methacrylate
Concen: 51.815 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		358921		
41	63.6	52.1	78.1		
39	36.4	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 48.799 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 388127

Ion Ratio Lower Upper

76 100

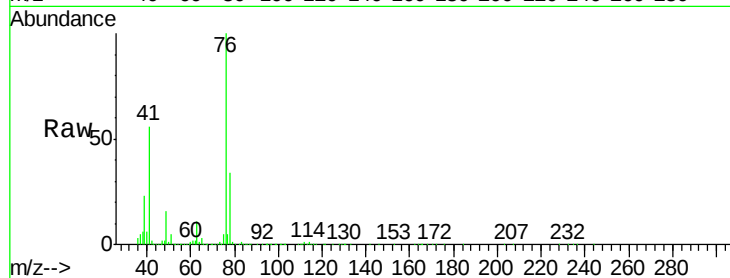
78 32.9 25.8 38.8

Manual Integrations

APPROVED

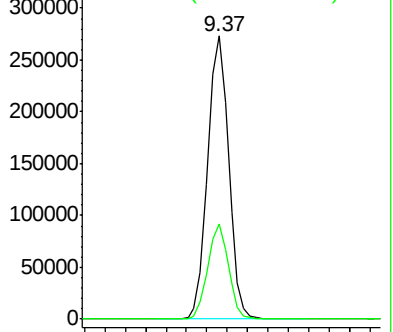
MMDadoda

2/11/2019 12:28:05 PM

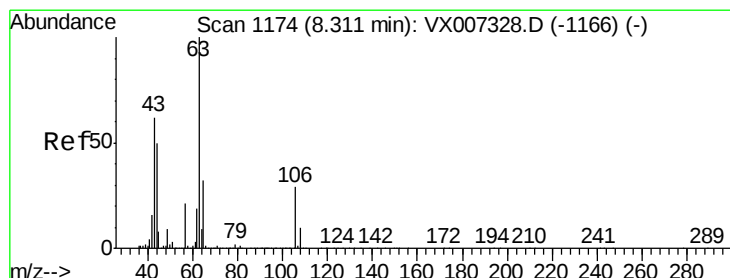
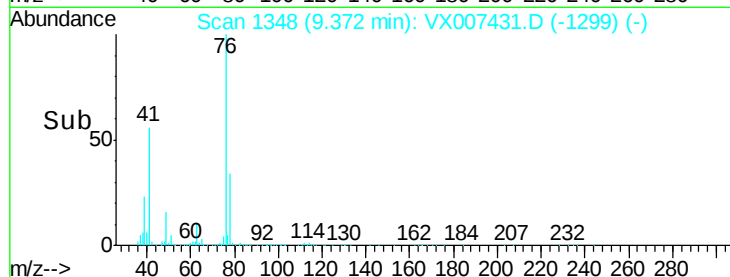


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.951 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007431.D

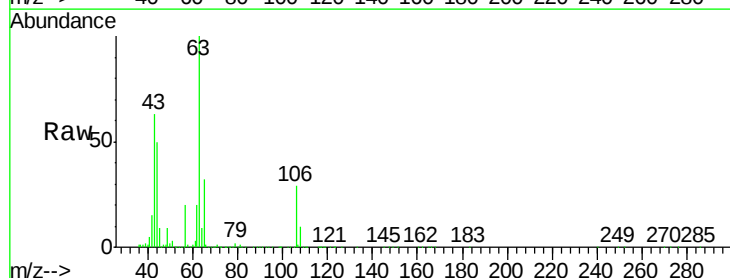
Acq: 07 Feb 2019 17:49

Tgt Ion: 63 Resp: 949098

Ion Ratio Lower Upper

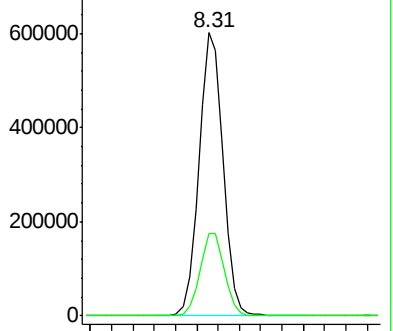
63 100

106 29.9 23.6 35.4

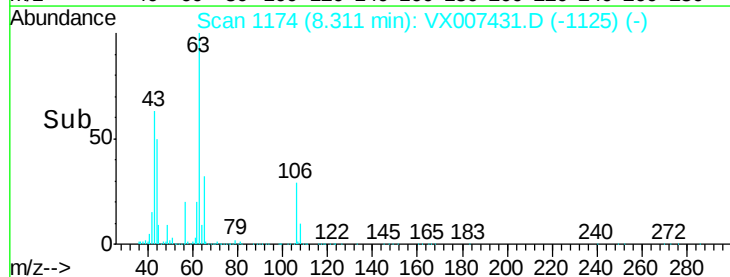


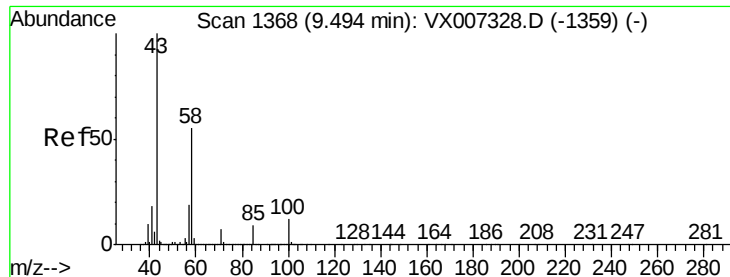
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->





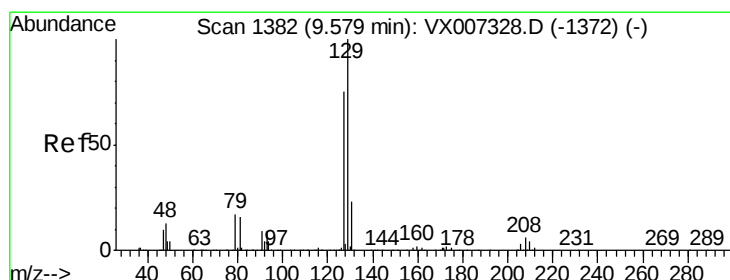
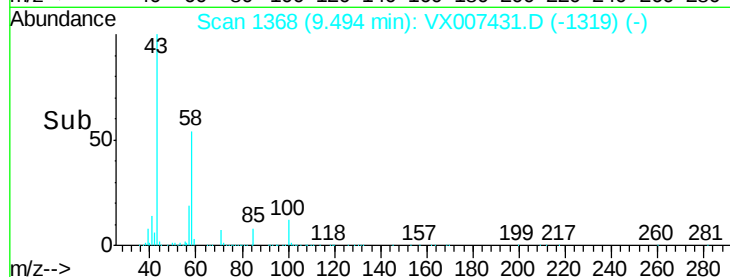
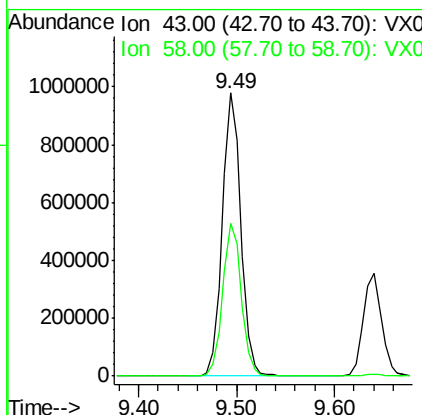
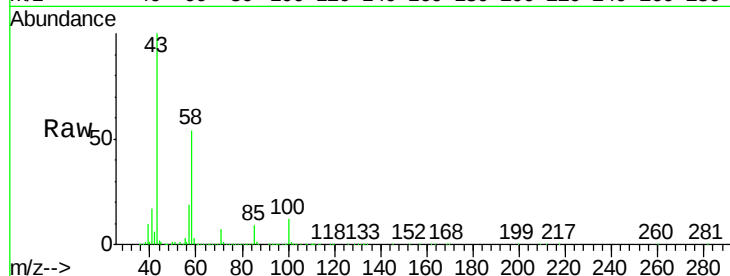
#59
2-Hexanone
Concen: 254.958 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1286516
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

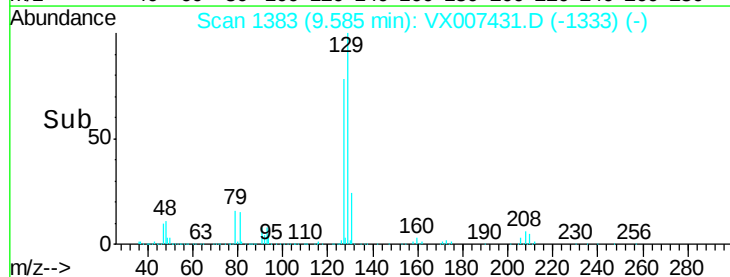
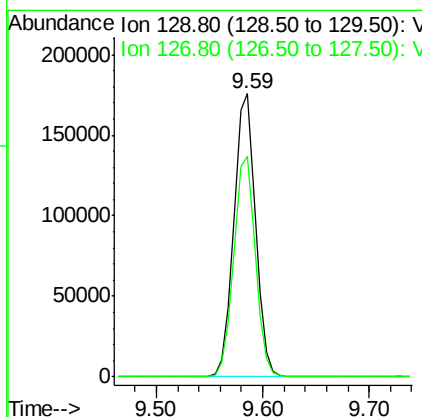
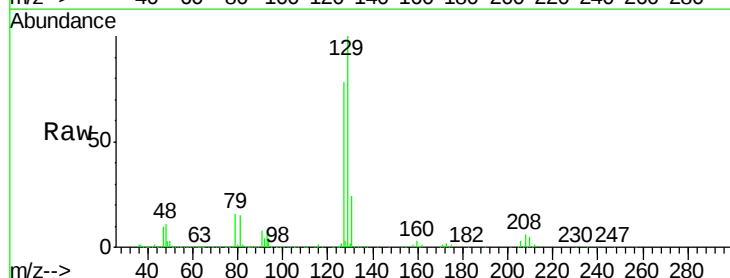
Manual Integrations
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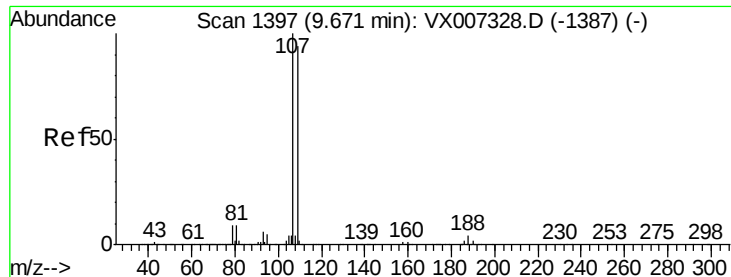
MMDadoda
2/11/2019 12:28:05 PM



#60
Dibromochloromethane
Concen: 53.247 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion: 129 Resp: 251865
Ion Ratio Lower Upper
129 100
127 77.9 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.234 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 266066

Ion Ratio Lower Upper

107 100

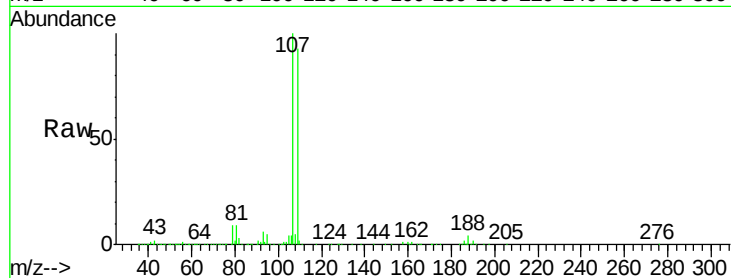
109 93.1 75.1 112.7

Manual Integrations

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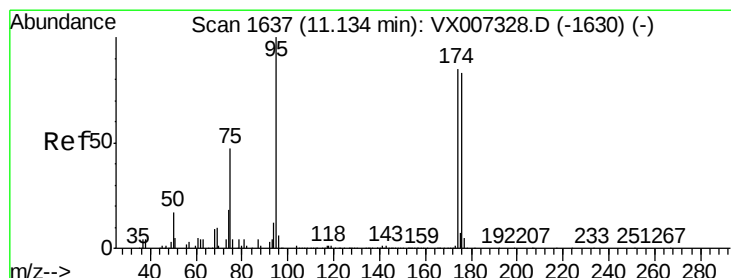
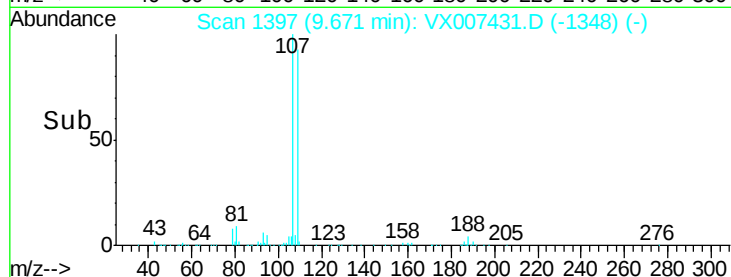
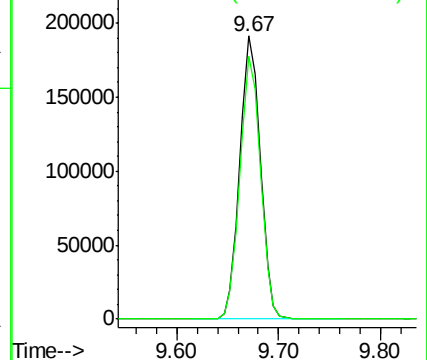
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.661 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

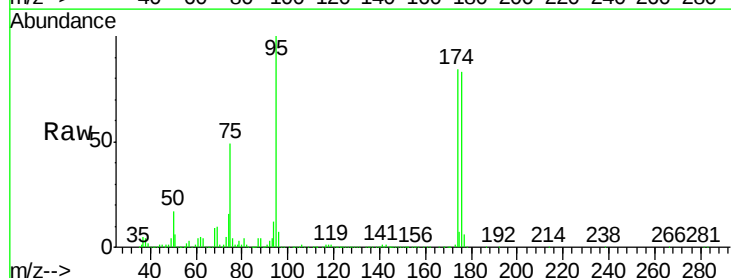
Tgt Ion: 95 Resp: 307973

Ion Ratio Lower Upper

95 100

174 93.6 0.0 189.2

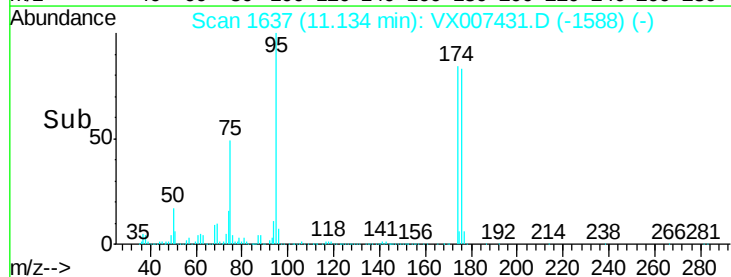
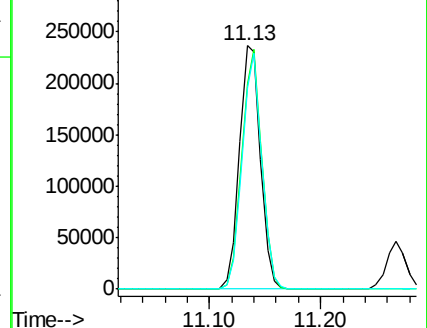
176 91.2 0.0 186.2

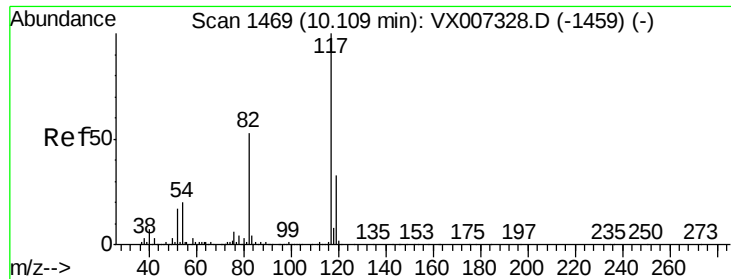


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





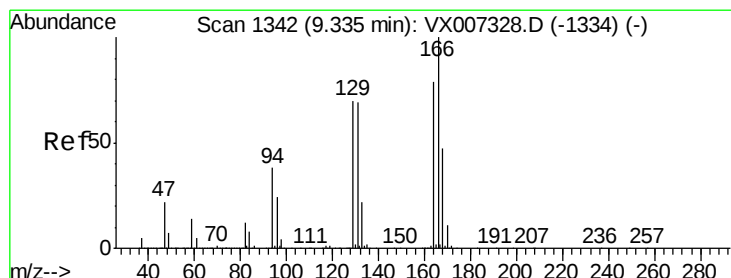
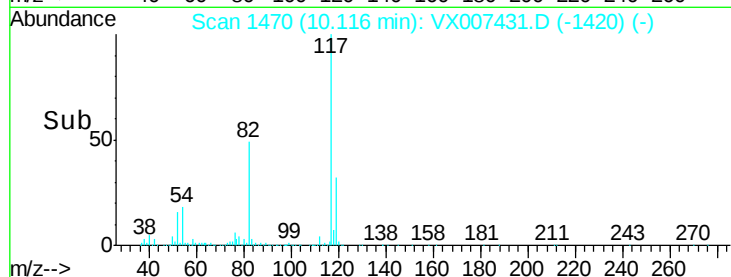
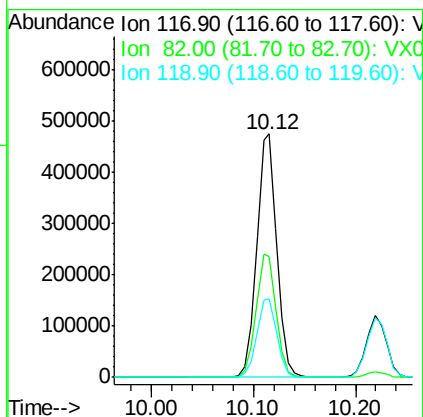
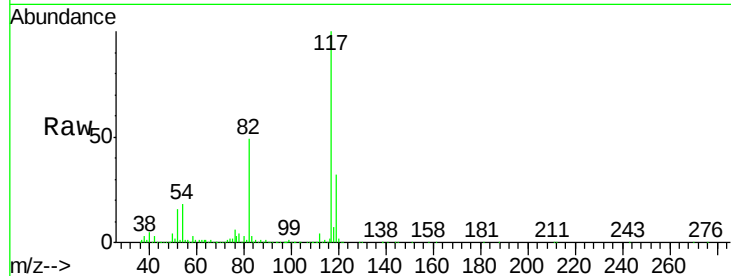
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	655639		
82	49.3		42.1	63.1
119	32.0		26.5	39.7

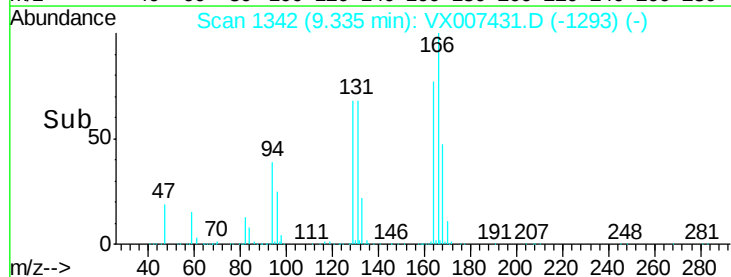
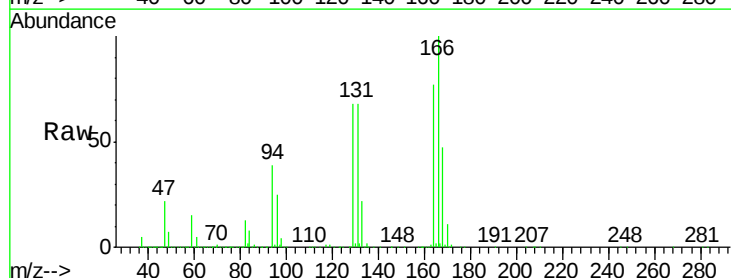
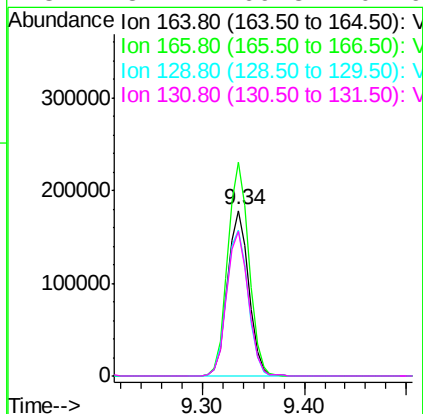
Manual Integrations
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#64
Tetrachloroethene
Concen: 41.479 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256320		
166	129.1		101.0	151.4
129	88.0		70.5	105.7
131	87.7		69.8	104.6





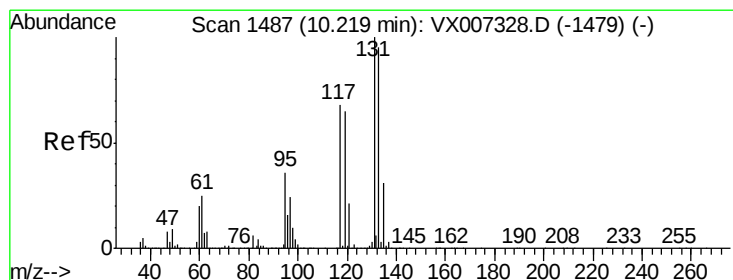
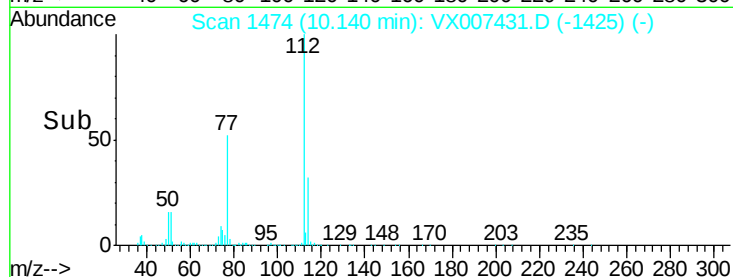
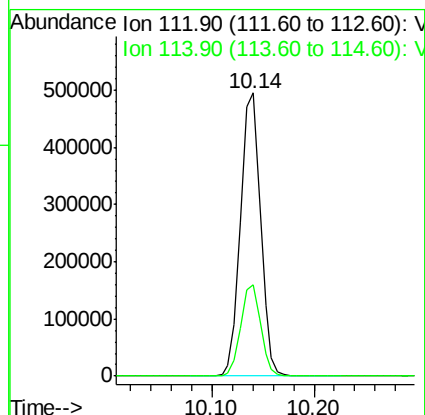
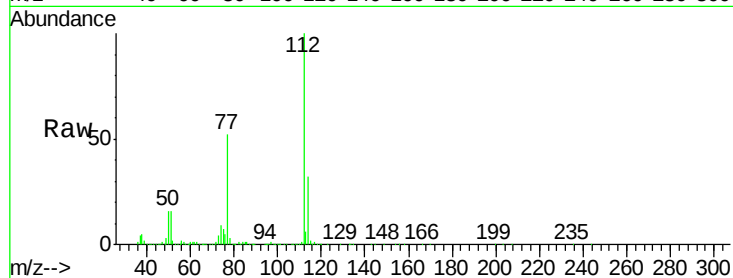
#65
Chlorobenzene
Concen: 46.972 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 672042
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

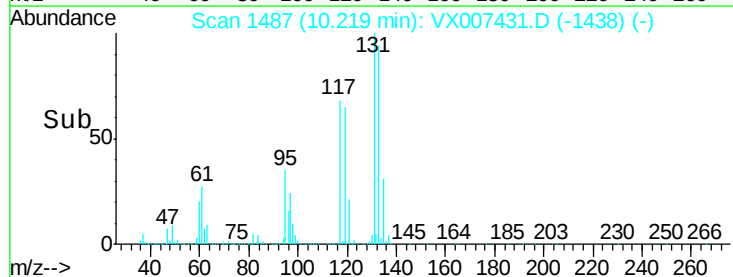
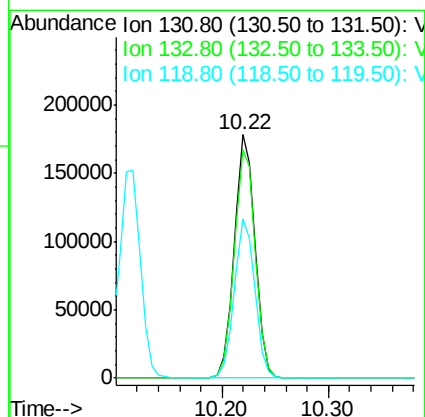
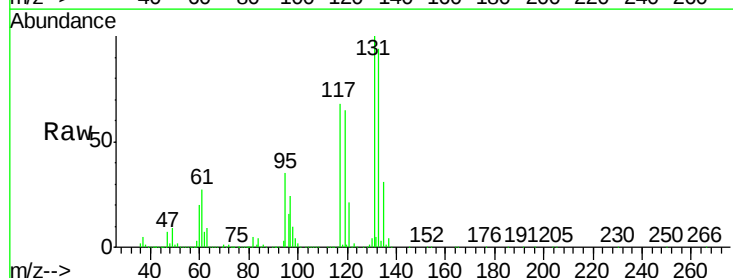
Manual Integrations
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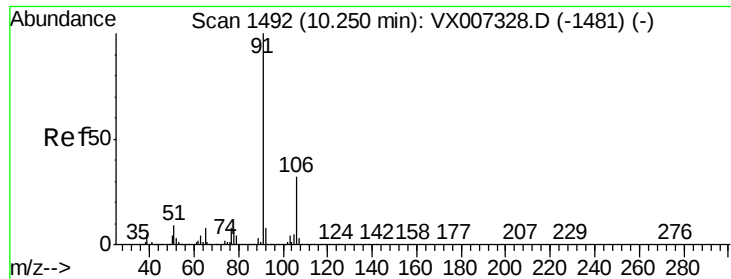
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.478 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion:131 Resp: 242132
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.2
119 65.3 32.0 96.0





#67

Ethyl Benzene

Concen: 48.426 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1115750

Ion Ratio Lower Upper

91 100

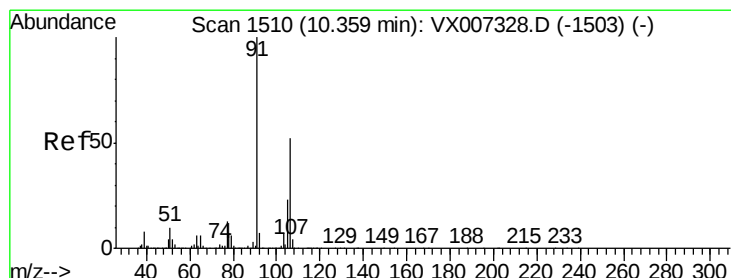
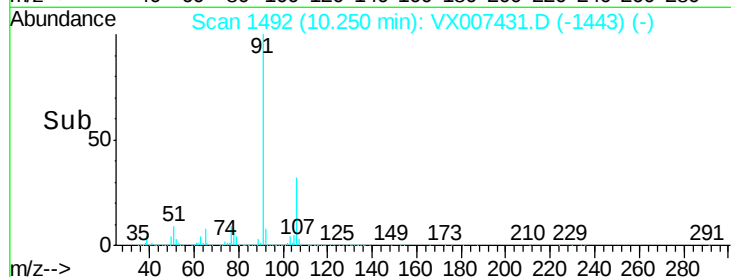
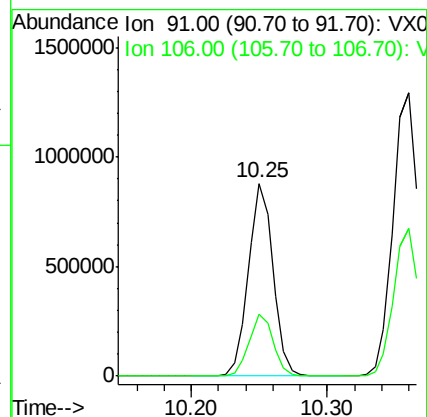
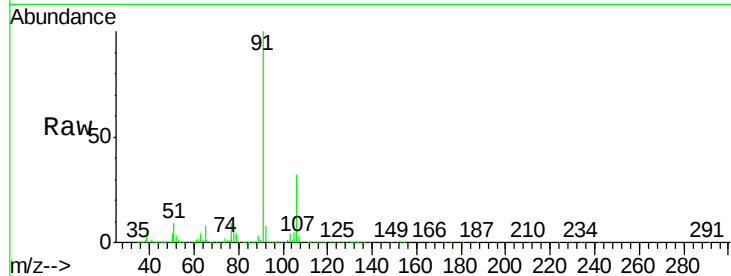
106 32.5 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 96.157 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007431.D

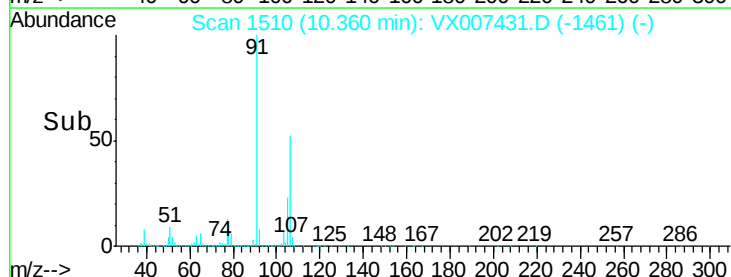
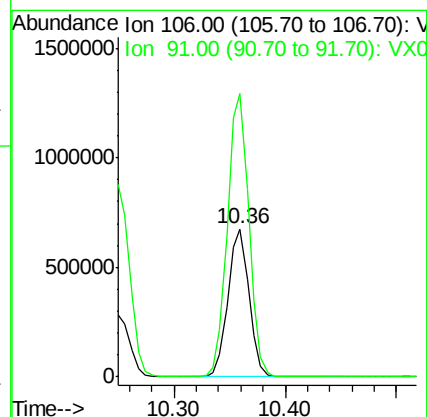
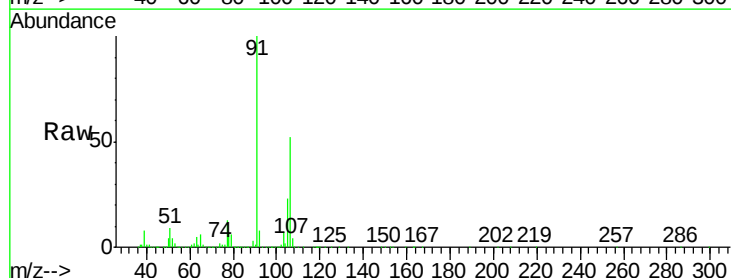
Acq: 07 Feb 2019 17:49

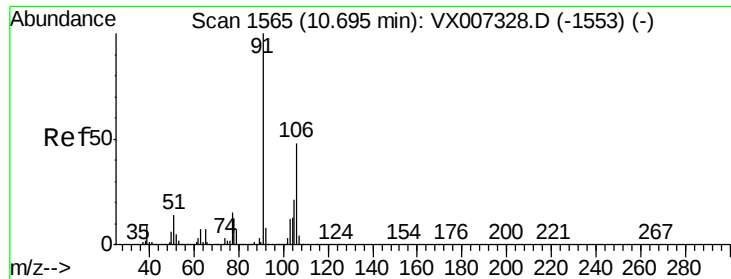
Tgt Ion: 106 Resp: 880683

Ion Ratio Lower Upper

106 100

91 195.2 156.6 234.8





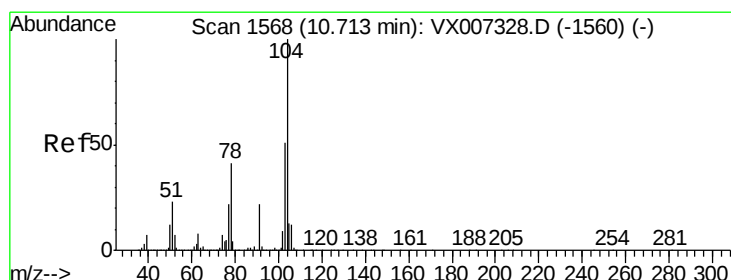
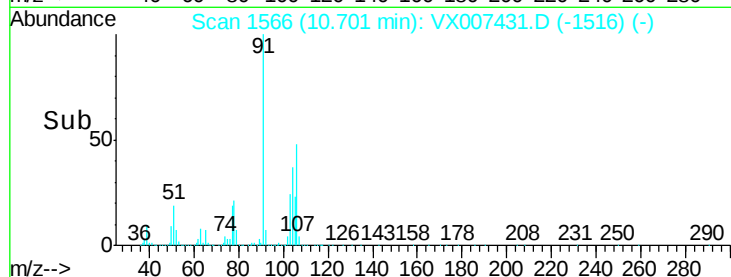
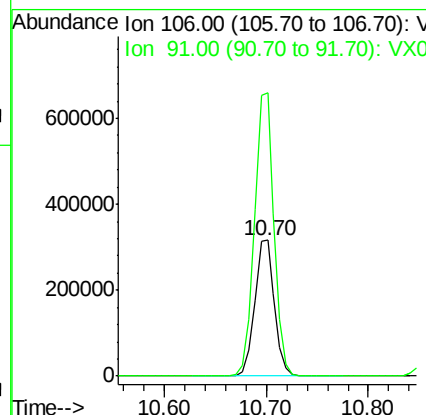
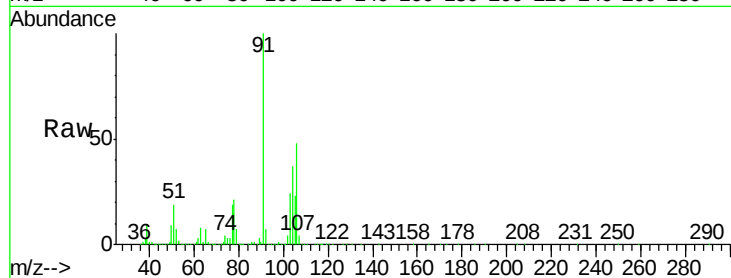
#69
o-Xylene
Concen: 48.148 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 424332
Ion Ratio Lower Upper
106 100
91 208.1 102.9 308.7

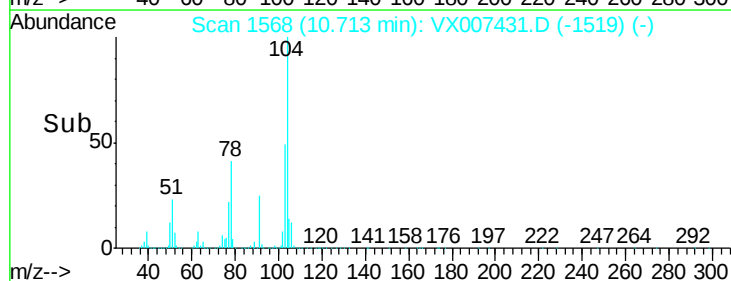
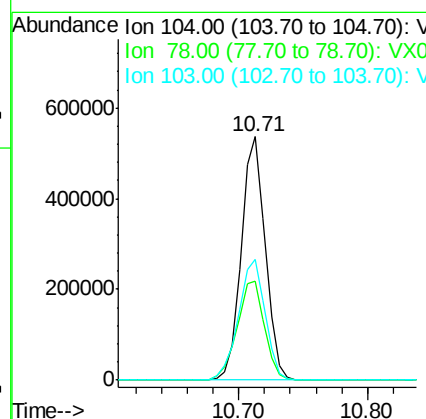
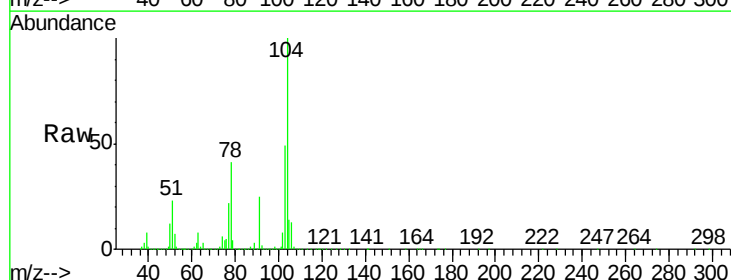
Manual Integrations
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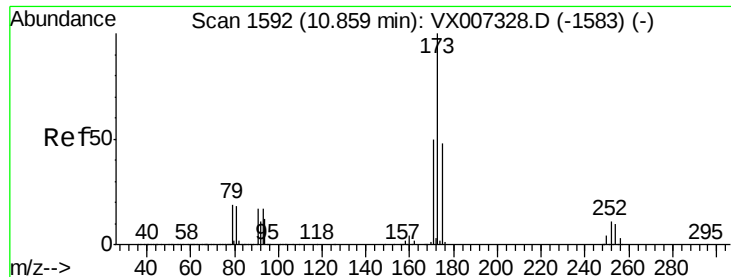
MMDadoda
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#70
Styrene
Concen: 48.598 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion:104 Resp: 694595
Ion Ratio Lower Upper
104 100
78 46.9 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 45.084 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

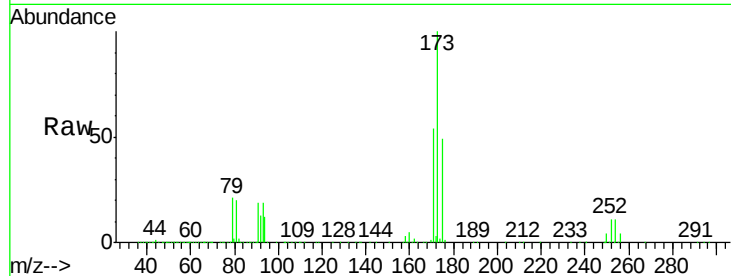
ClientSampleId :

VSTDCCC050EC

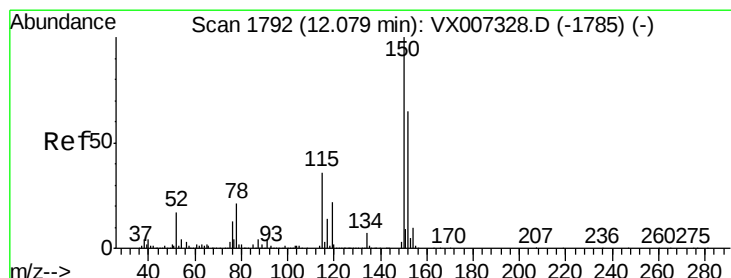
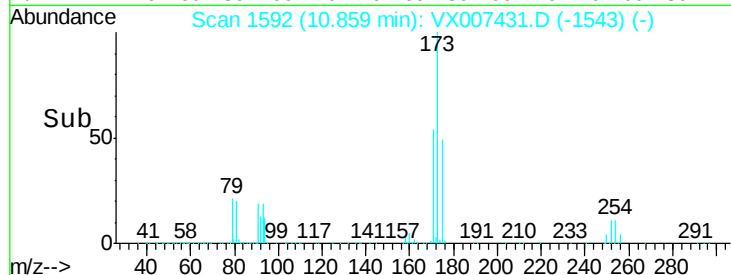
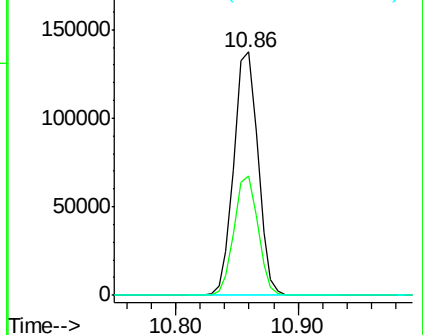
Tot Ion:	173	Resp:	187865
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.2	72.6
254	0.2	0.2	0.2

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

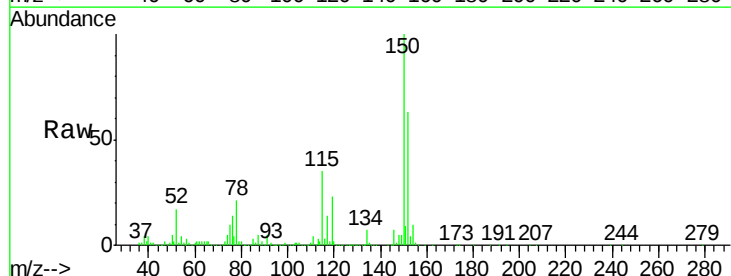
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

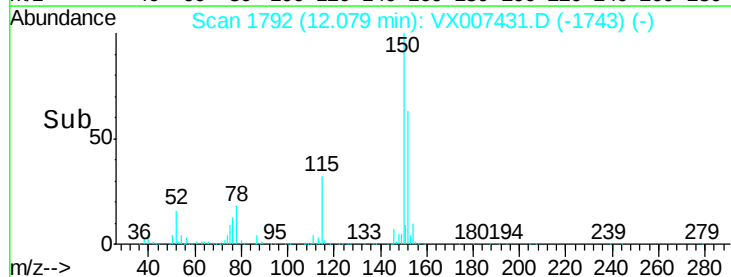
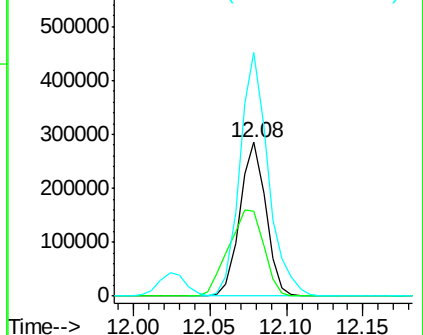
Lab File: VX007431.D

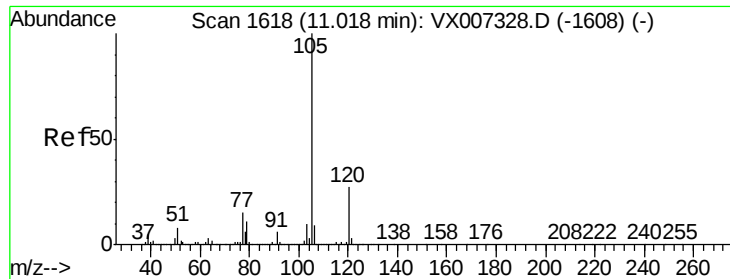
Acq: 07 Feb 2019 17:49

Tgt Ion:	152	Resp:	333918
Ion Ratio	Lower	Upper	
152	100		
115	76.8	38.0	114.0
150	173.2	0.0	346.4



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





#73

Isopropylbenzene

Concen: 49.848 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1131128

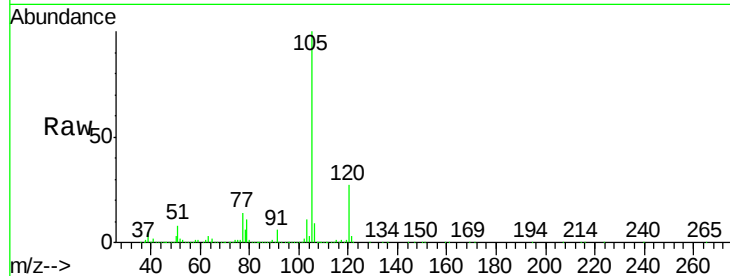
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7

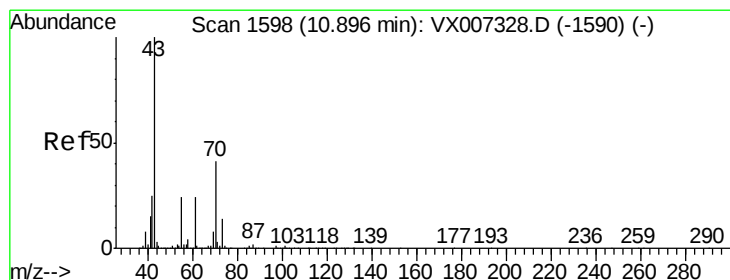
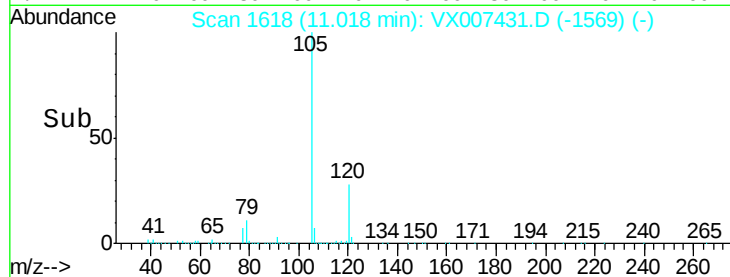
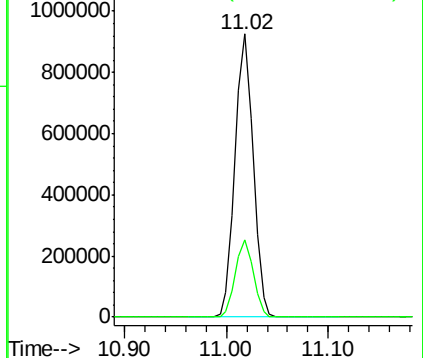
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.534 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion: 43 Resp: 452304

Ion Ratio Lower Upper

43 100

70 43.9 33.8 50.6

55 24.7 19.5 29.3

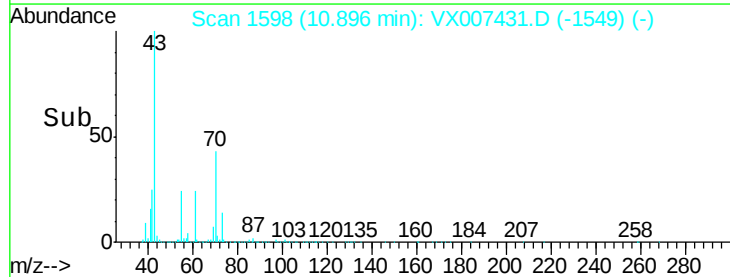
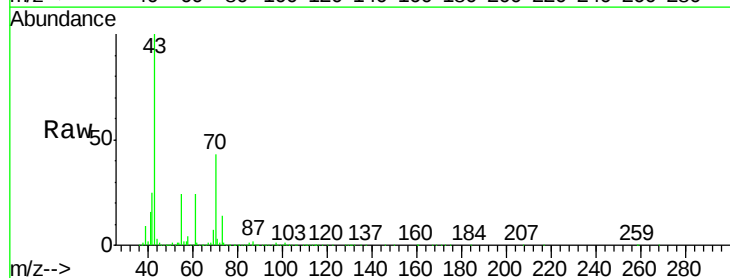
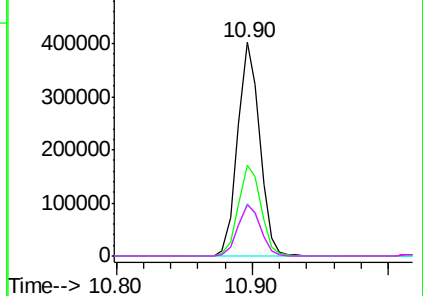
61 24.6 19.4 29.2

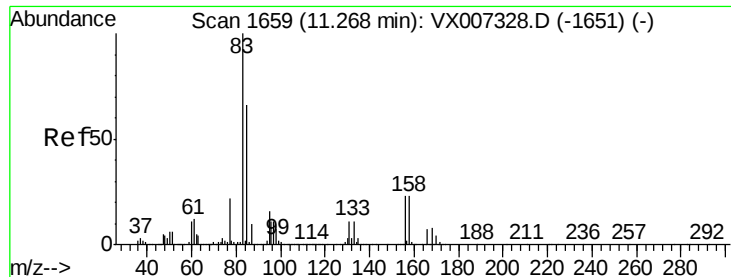
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.725 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

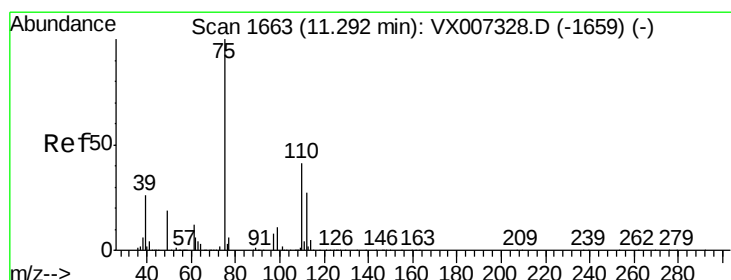
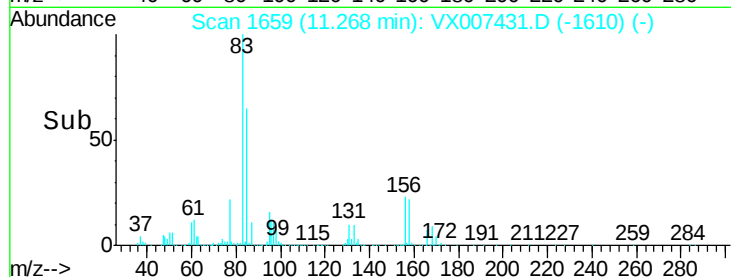
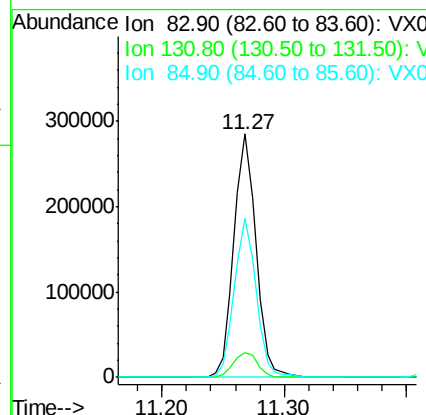
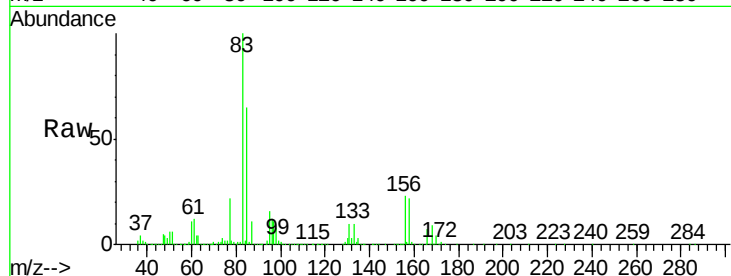
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	357705
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	64.7	32.8	98.3

Manual Integrations
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2/11/2019 12:28:05 PM



#76

1,2,3-Trichloropropane

Concen: 52.136 ug/l m

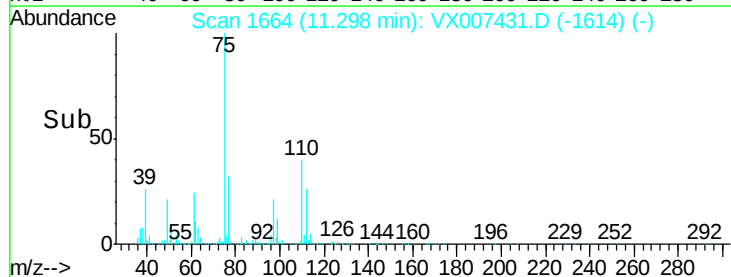
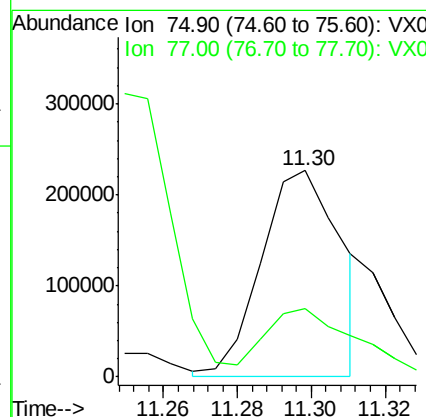
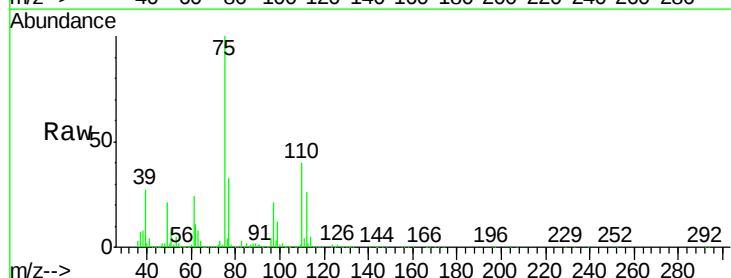
RT: 11.30 min Scan# 1664

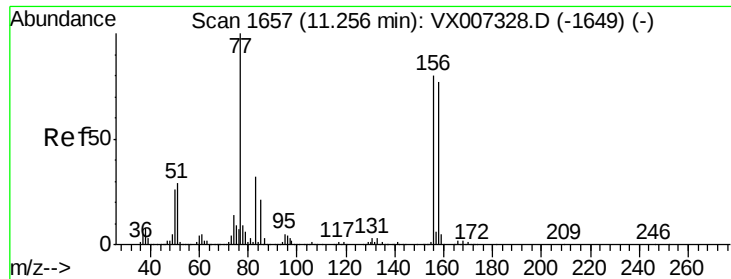
Delta R.T. 0.01 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	75	Resp:	338628
Ion Ratio	Lower	Upper	
75	100		
77	38.0	23.0	69.0





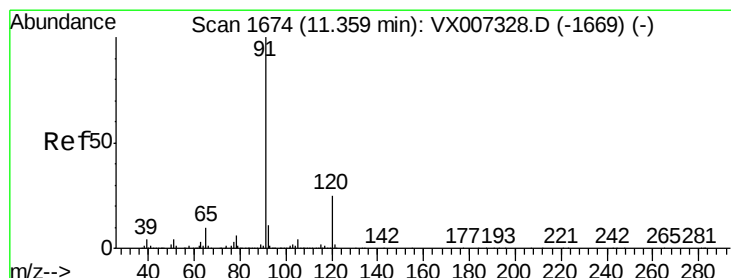
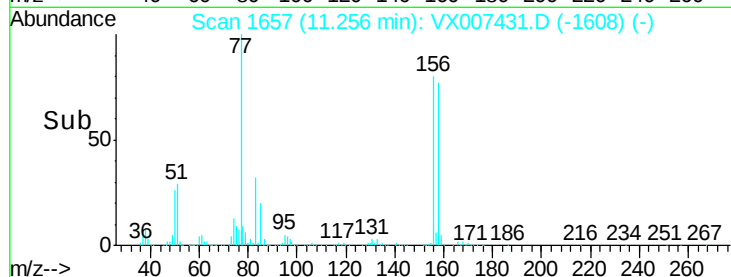
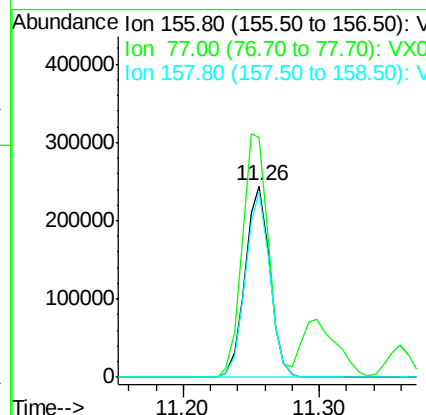
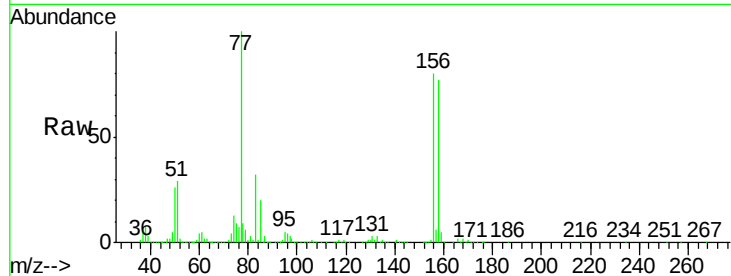
#77
Bromobenzene
Concen: 48.285 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.5	66.8	200.6
158	96.3	47.9	143.8

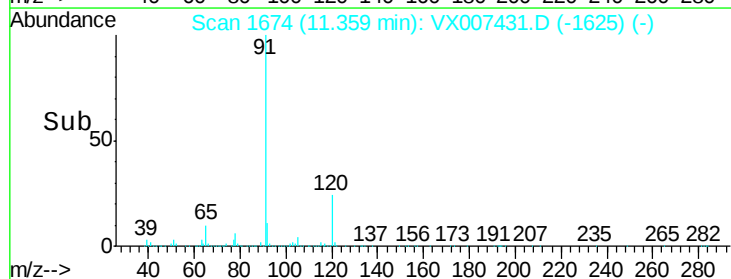
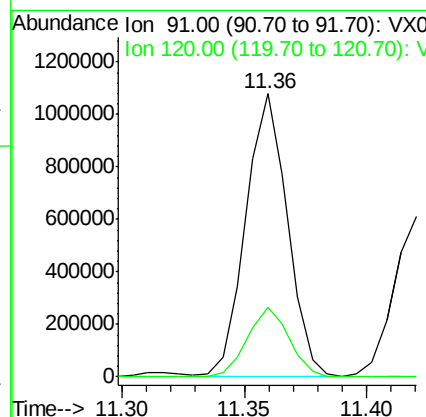
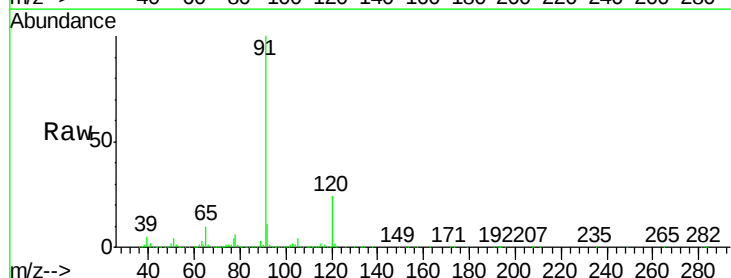
Manual Integrations
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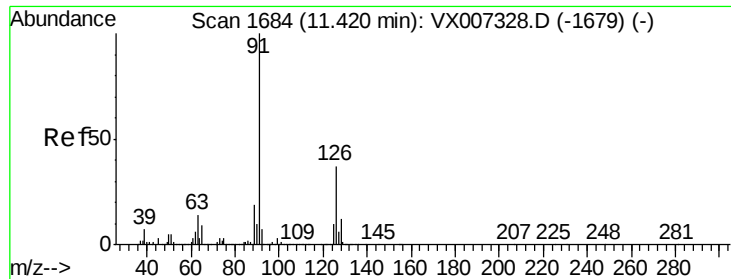
MMDadoda
2/11/2019 12:28:05 PM



#78
n-propylbenzene
Concen: 51.028 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.2





#79

2-Chlorotoluene

Concen: 49.056 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 740655

Ion Ratio Lower Upper

91 100

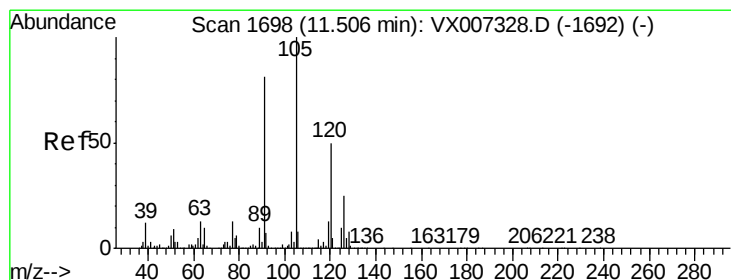
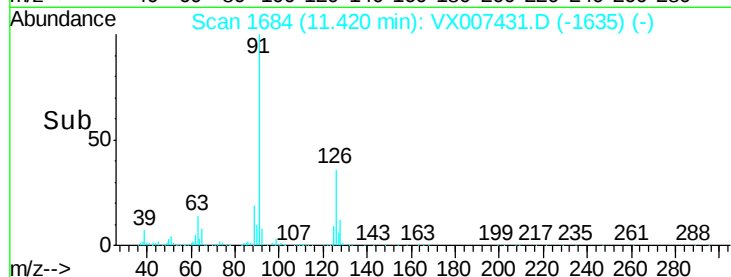
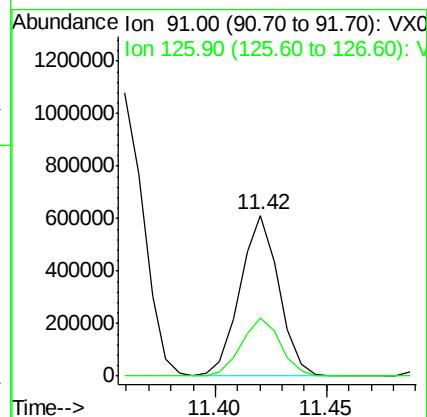
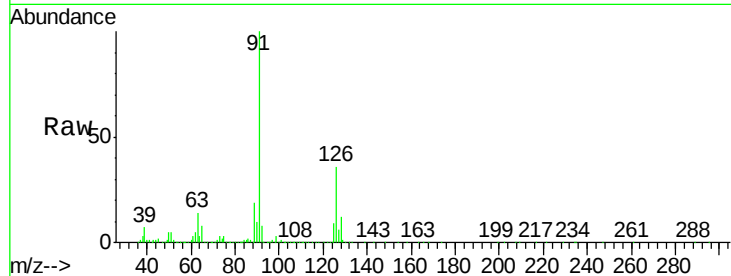
126 36.7 18.7 56.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.107 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007431.D

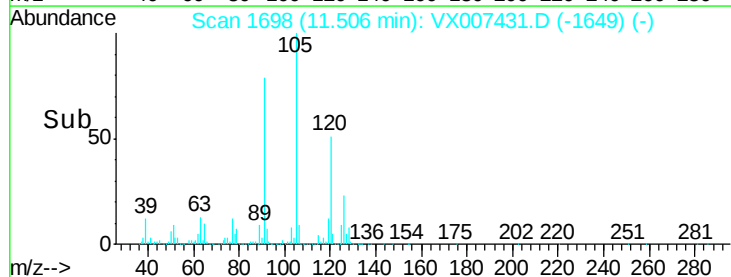
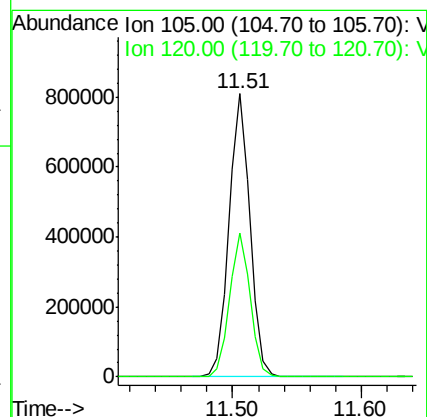
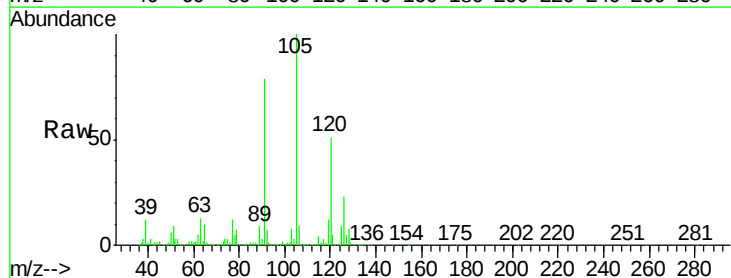
Acq: 07 Feb 2019 17:49

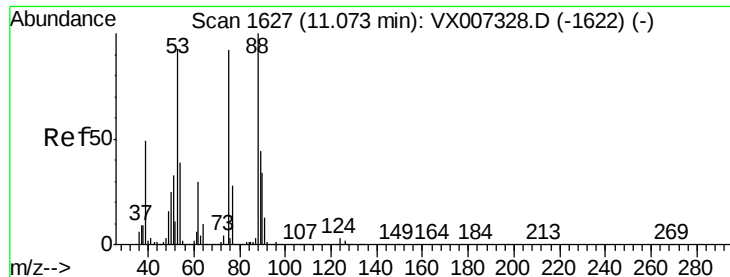
Tgt Ion: 105 Resp: 930210

Ion Ratio Lower Upper

105 100

120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.029 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

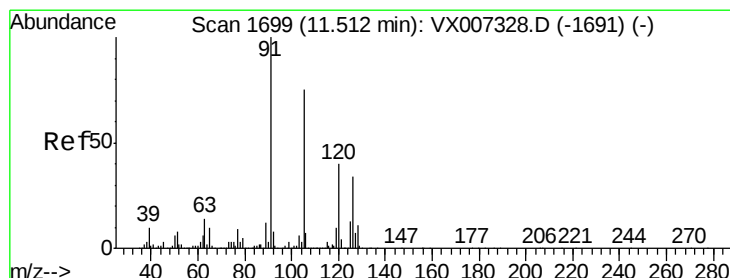
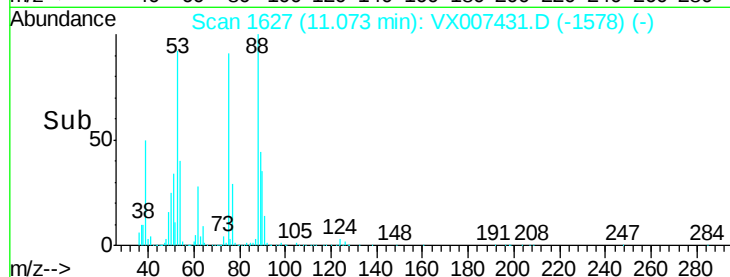
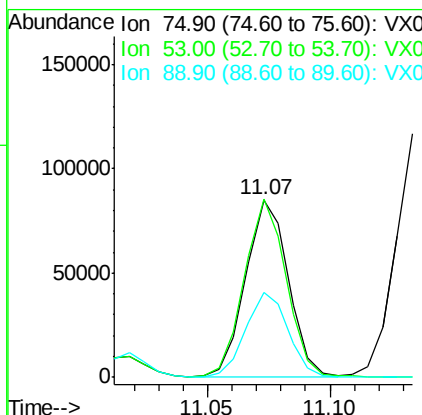
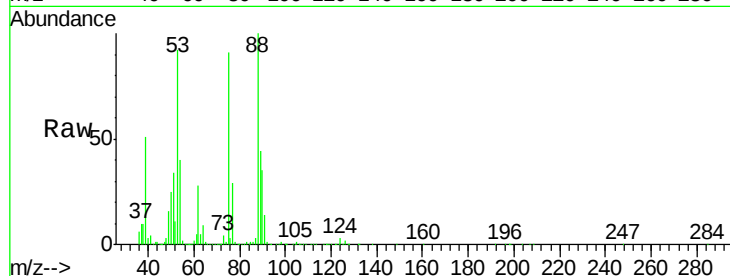
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	102838
Ion Ratio	Lower	Upper	
75	100		
53	99.4	81.0	121.6
89	47.9	41.4	62.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.347 ug/l

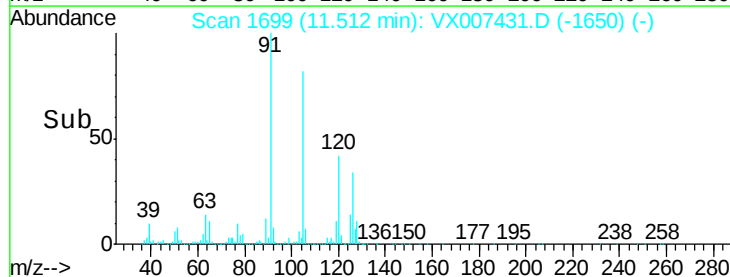
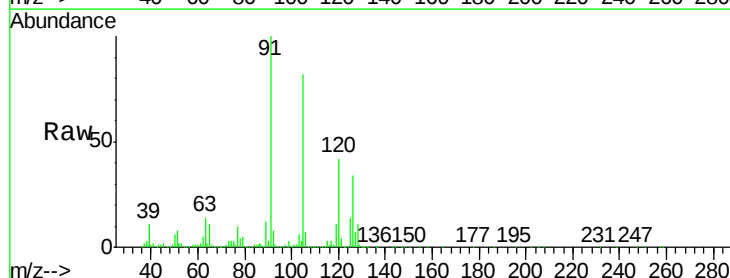
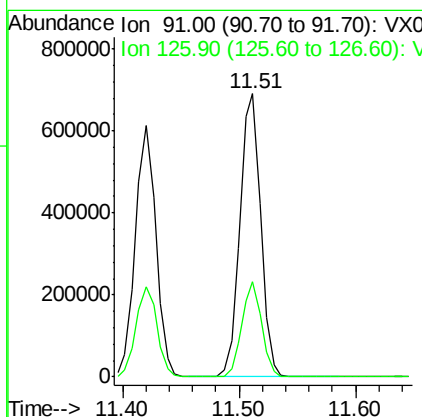
RT: 11.51 min Scan# 1699

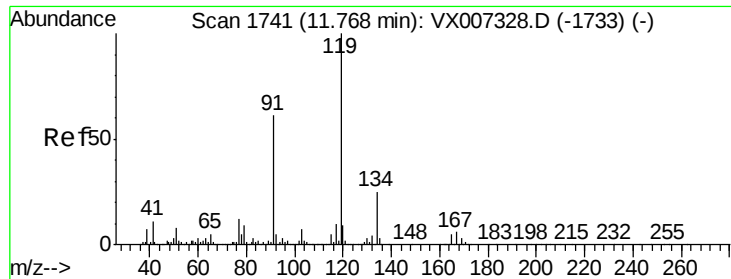
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	91	Resp:	862102
Ion Ratio	Lower	Upper	
91	100		
126	32.1	16.2	48.5





#83

tert-Butylbenzene

Concen: 51.511 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

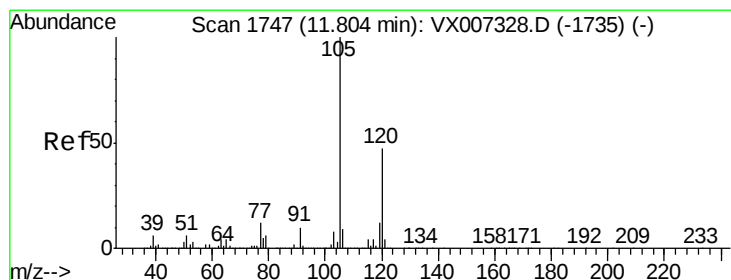
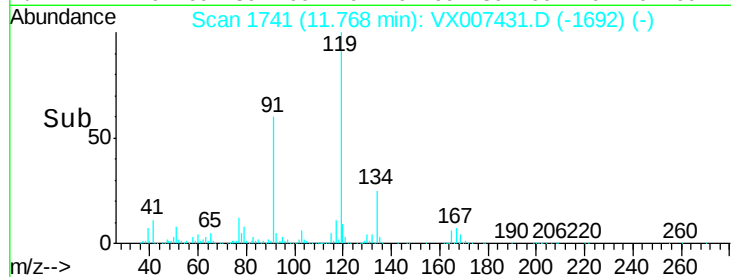
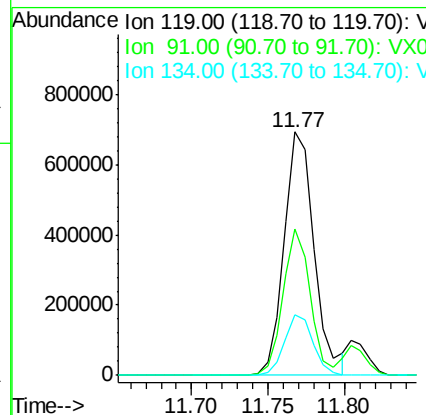
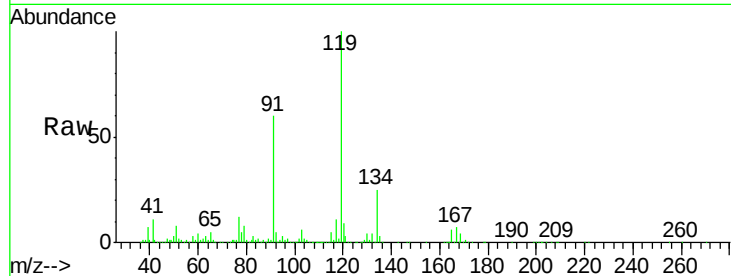
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	946770
Ion Ratio	Lower	Upper	
119	100		
91	54.5	28.5	85.6
134	23.5	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.464 ug/l

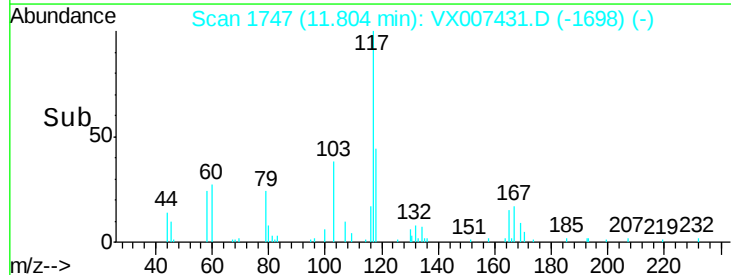
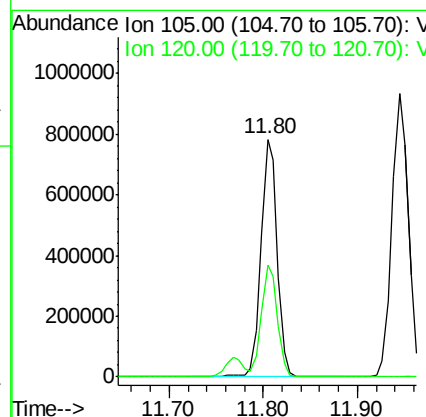
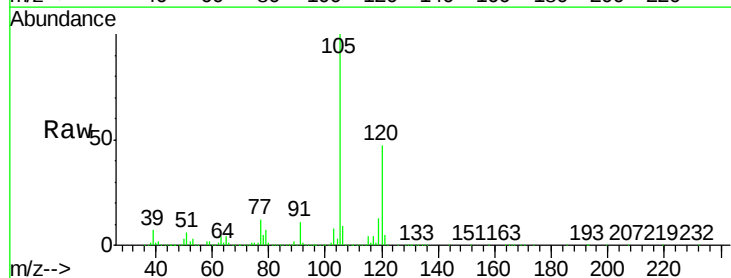
RT: 11.80 min Scan# 1747

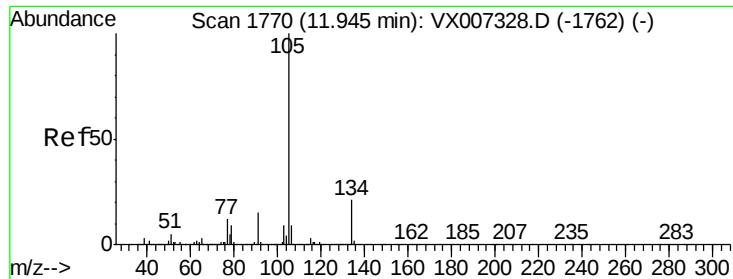
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	105	Resp:	951107
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 50.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1133476

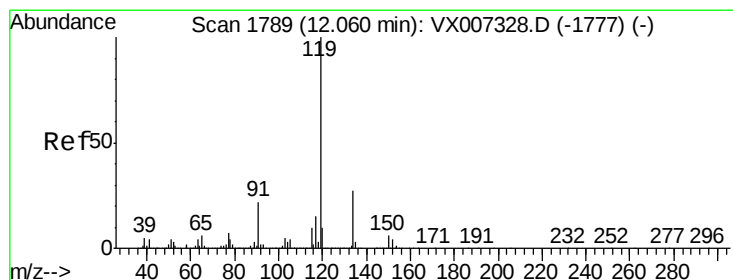
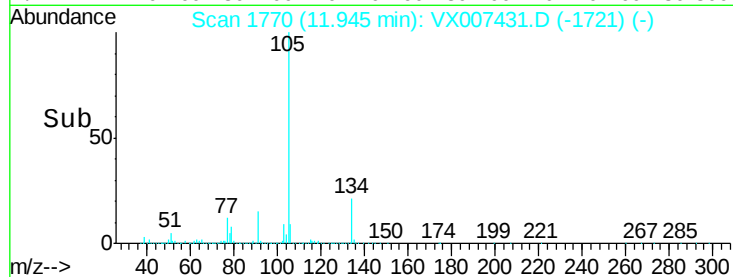
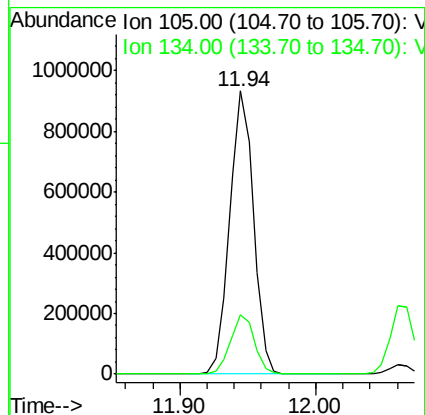
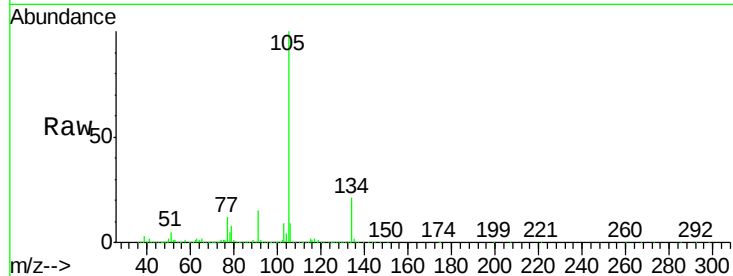
Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.399 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

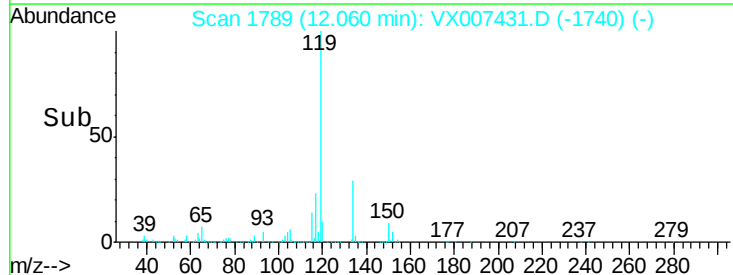
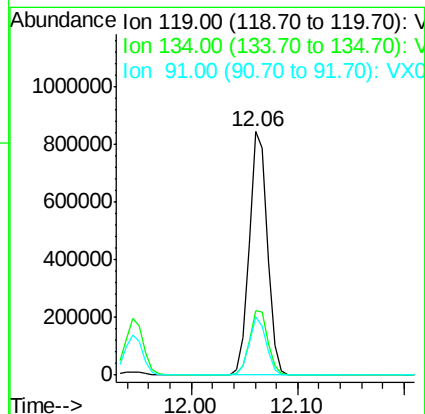
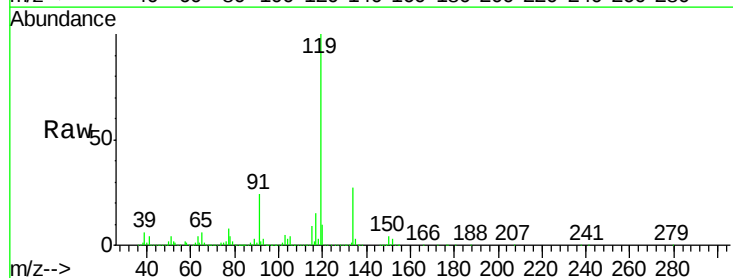
Tgt Ion:119 Resp: 1012052

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 22.6 11.2 33.5





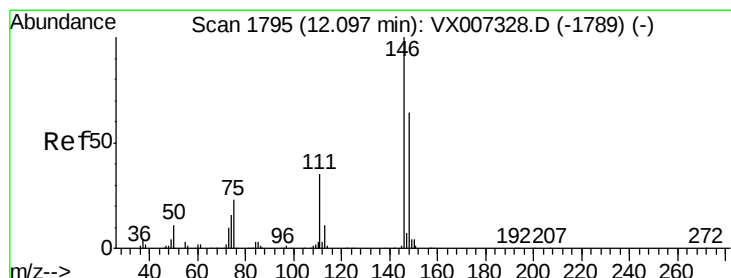
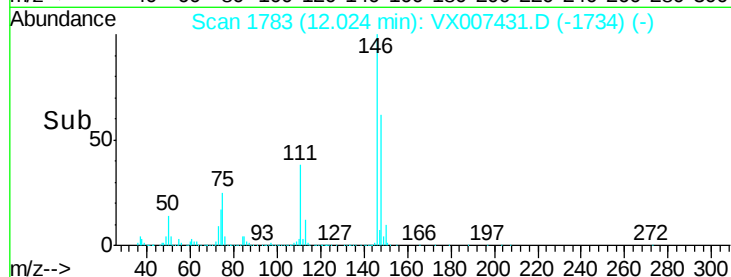
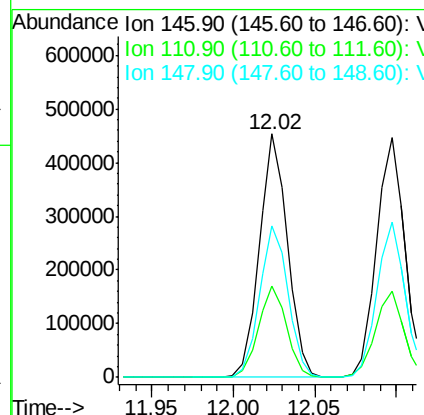
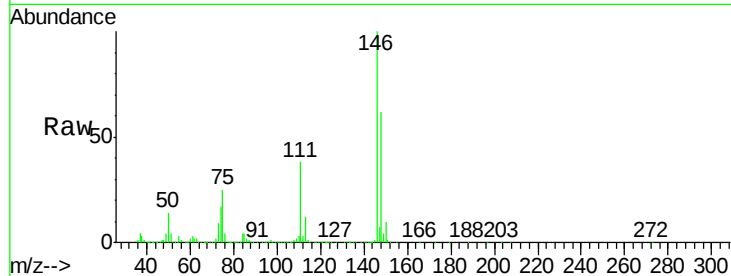
#87
 1,3-Dichlorobenzene
 Concen: 47.393 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.4	32.0	96.2

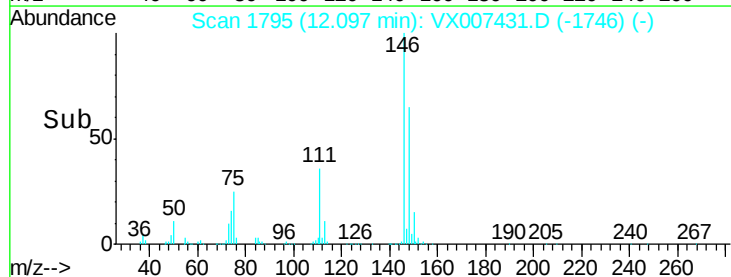
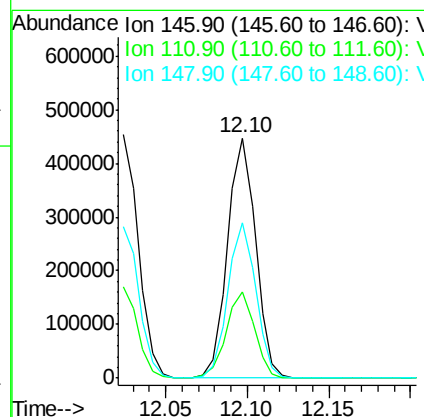
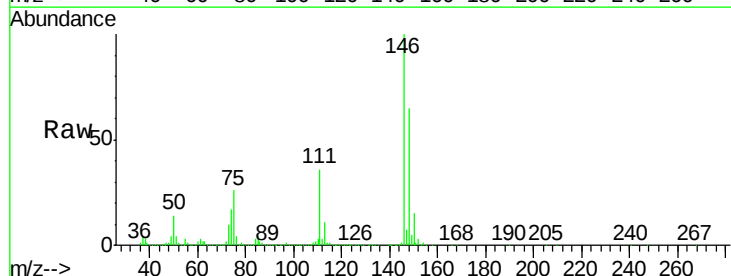
Manual Integrations
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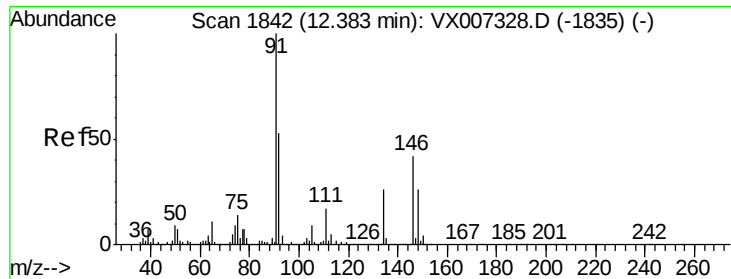
MMDadoda
 2/11/2019 12:28:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.087 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.1	32.3	96.9





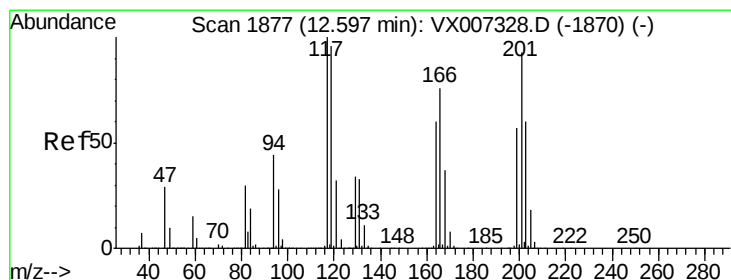
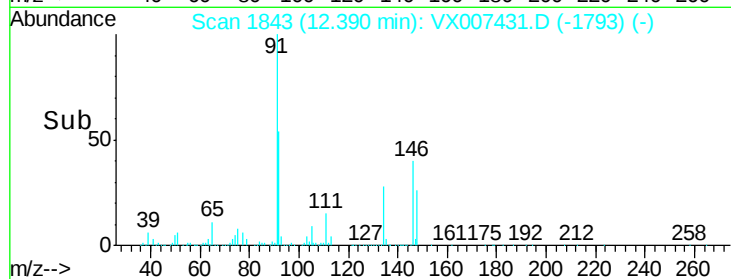
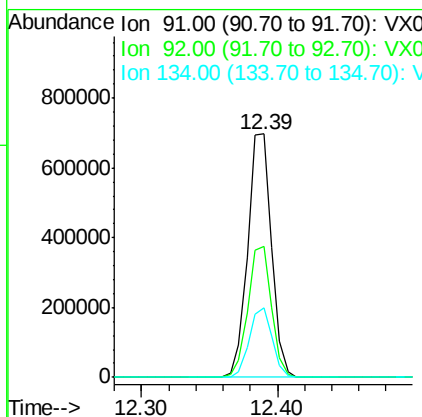
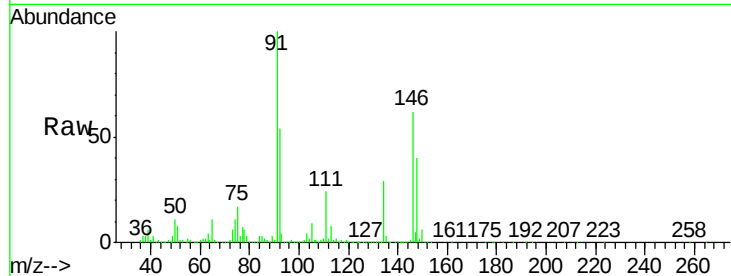
#89
n-Butylbenzene
Concen: 49.574 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	27.8	13.9	41.6

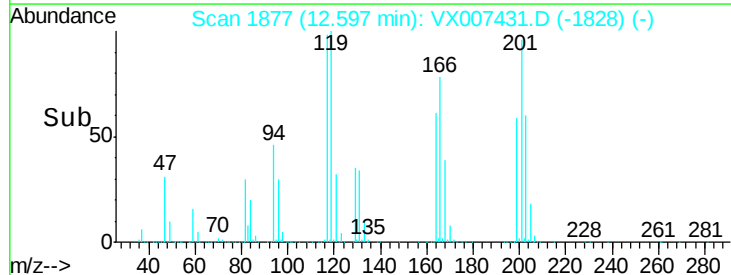
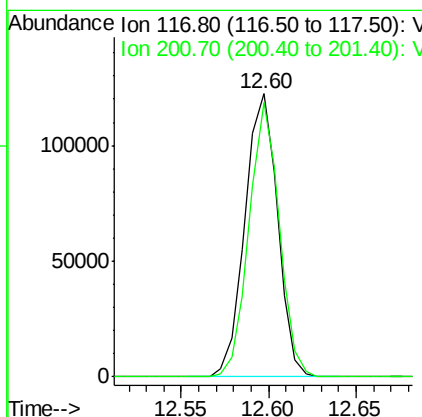
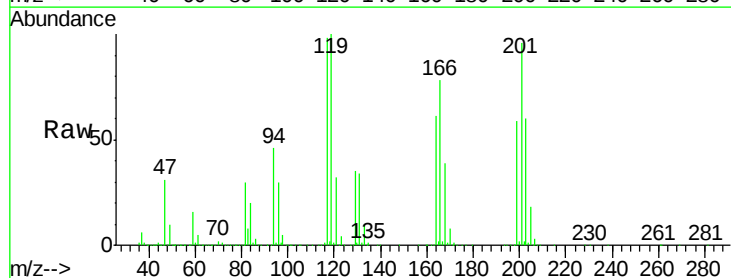
Manual Integrations
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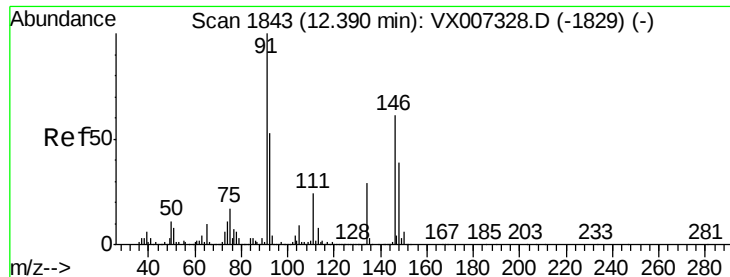
MMDadoda
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#90
Hexachloroethane
Concen: 53.099 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007431.D
Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.1	44.9	134.7





#91

1,2-Dichlorobenzene

Concen: 46.795 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

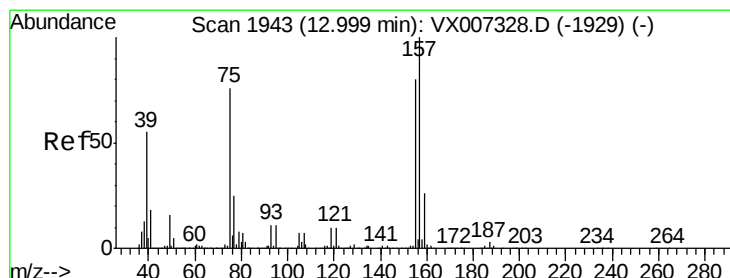
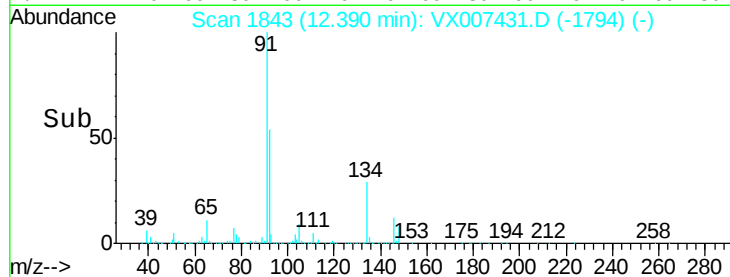
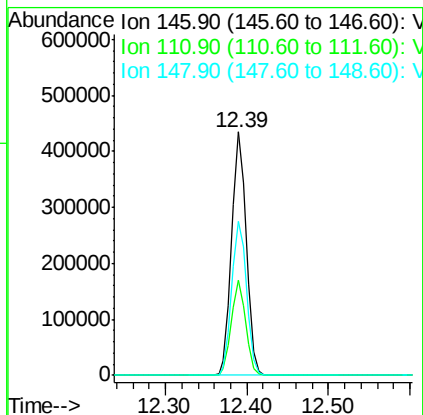
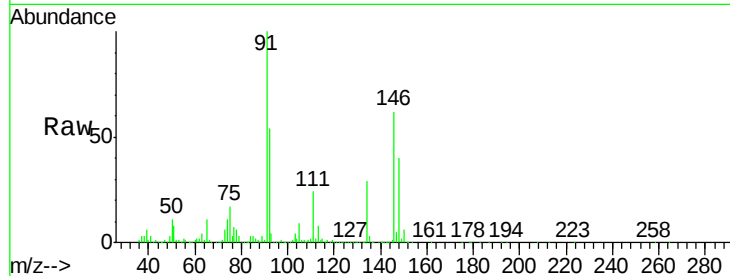
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	534347
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.1	57.3
148	64.1	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.991 ug/l

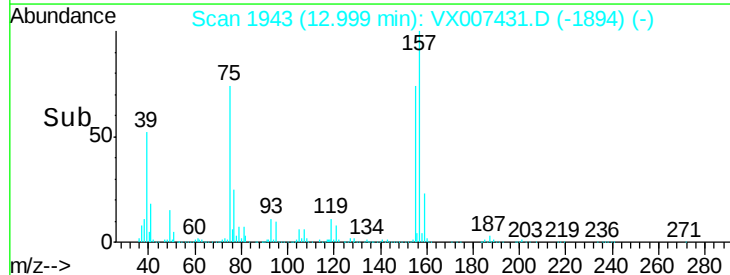
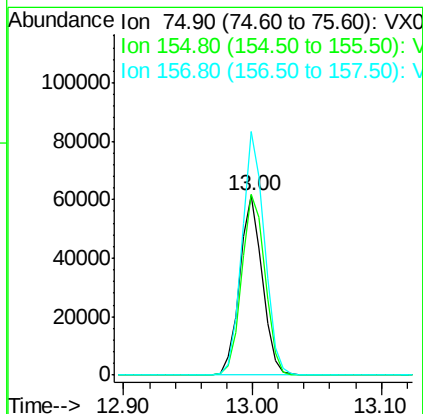
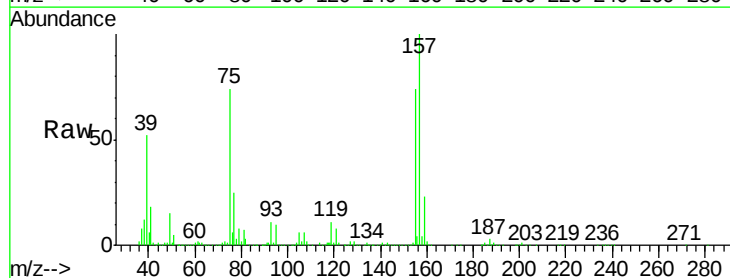
RT: 13.00 min Scan# 1943

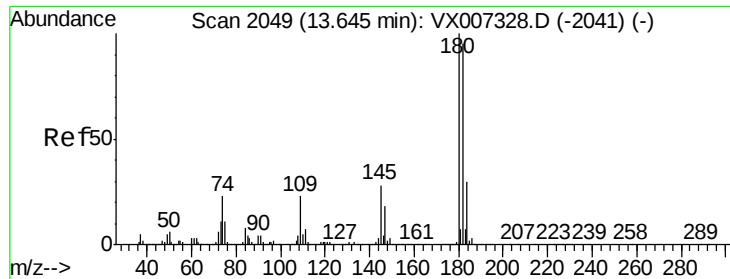
Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:	75	Resp:	74760
Ion Ratio	Lower	Upper	
75	100		
155	103.1	49.6	149.0
157	133.3	65.1	195.3





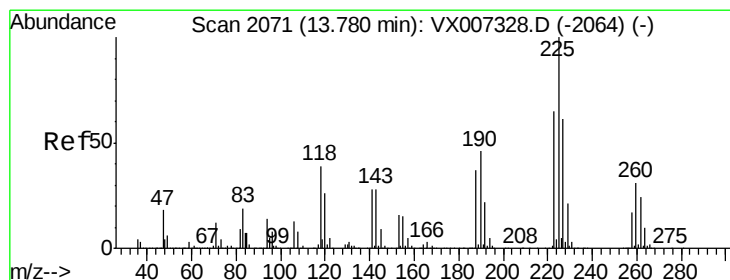
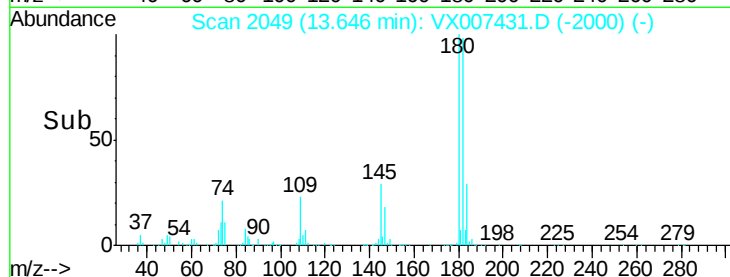
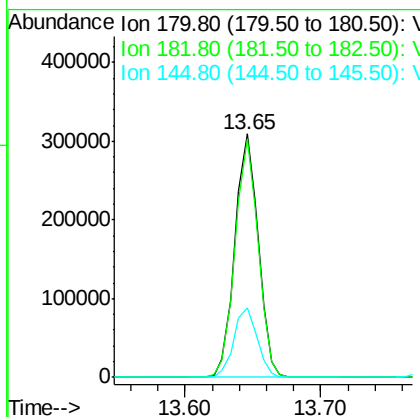
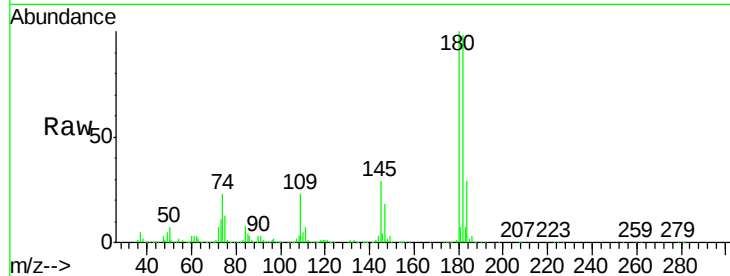
#93
 1,2,4-Trichlorobenzene
 Concen: 48.034 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	369897		
182	96.6	47.8	143.3	
145	29.0	14.1	42.2	

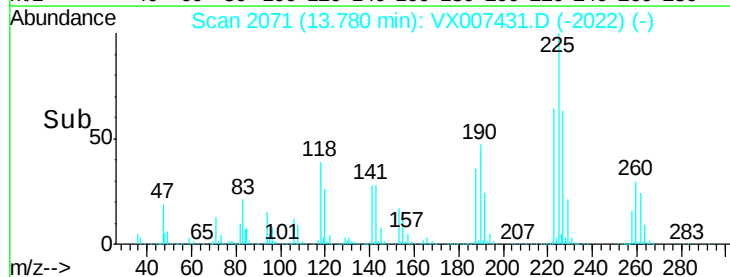
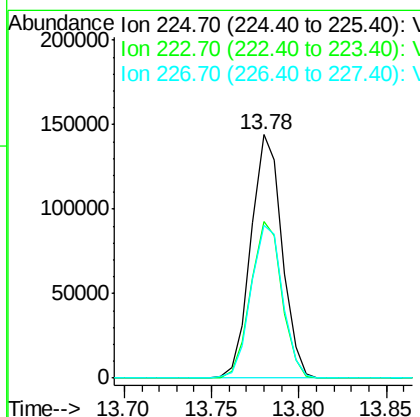
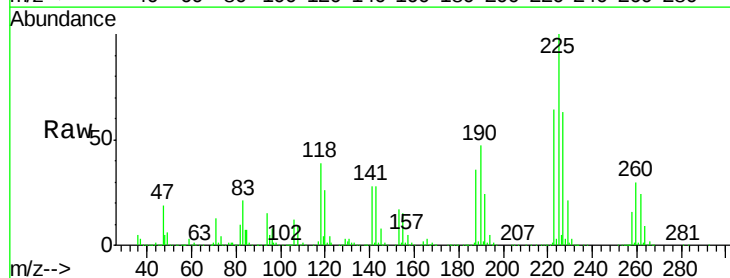
Manual Integrations
 APPROVED

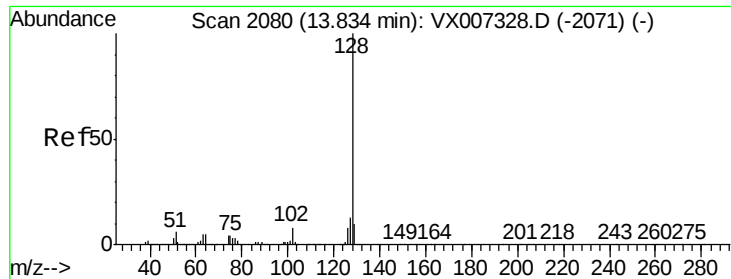
MMDadoda
 2/11/2019 12:28:05 PM



#94
 Hexachlorobutadiene
 Concen: 47.539 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007431.D
 Acq: 07 Feb 2019 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	177763		
223	64.1	31.6	94.8	
227	64.0	32.1	96.3	





#95

Naphthalene

Concen: 51.060 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1149857

Ion Ratio Lower Upper

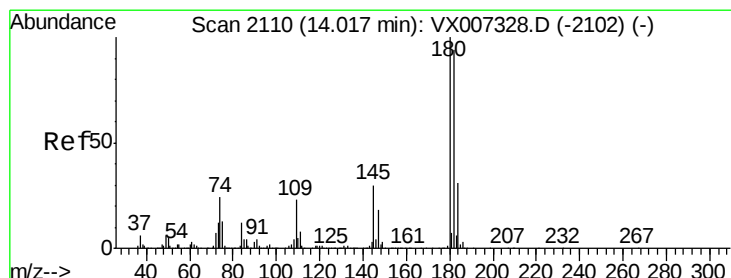
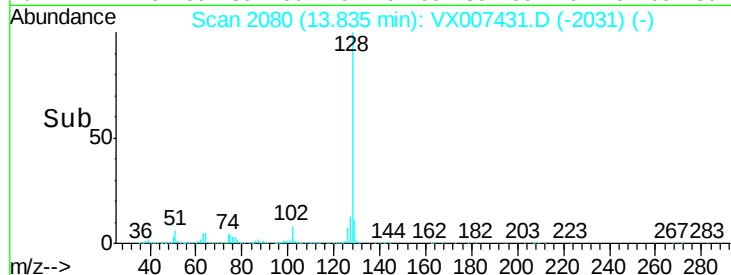
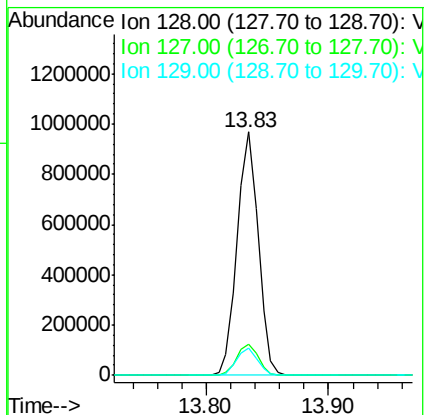
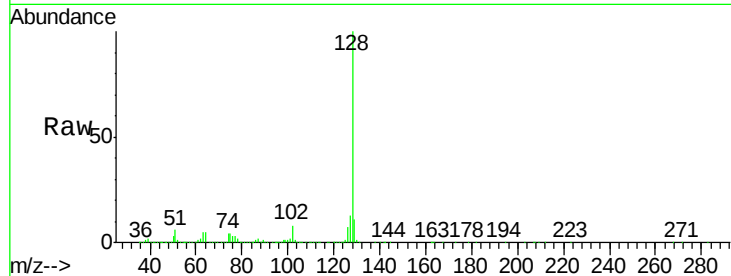
128 100

127 13.1 10.5 15.7

129 11.1 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 12:28:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.117 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007431.D

Acq: 07 Feb 2019 17:49

Tgt Ion:180 Resp: 365233

Ion Ratio Lower Upper

180 100

182 97.2 47.5 142.6

145 31.3 14.9 44.5

