

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001085.D
 Acq On : 24 Apr 2018 18:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:17 AM

Quant Time: Apr 25 07:39:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157773	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	129058	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.72	98	465515	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.14	95	191269	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	159428	51.369	ug/l	98
3) Chloromethane	1.32	50	131936	45.652	ug/l	99
4) Vinyl Chloride	1.40	62	147452	49.228	ug/l	100
5) Bromomethane	1.64	94	81419	46.844	ug/l	98
6) Chloroethane	1.72	64	89525	50.299	ug/l	98
7) Trichlorofluoromethane	1.93	101	231052	51.343	ug/l	99
8) Diethyl Ether	2.19	74	84671	50.942	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128904	48.891	ug/l	99
10) Methyl Iodide	2.51	142	97398	39.343	ug/l	98
11) Tert butyl alcohol	3.09	59	158182	330.643	ug/l	99
12) 1,1-Dichloroethene	2.37	96	120098	49.258	ug/l	97
13) Acrolein	2.30	56	52733	349.269	ug/l	98
14) Allyl chloride	2.73	41	213716	48.434	ug/l	99
15) Acrylonitrile	3.16	53	354238	273.598	ug/l	99
16) Acetone	2.45	43	319323	267.326	ug/l	99
17) Carbon Disulfide	2.57	76	305468	43.960	ug/l	100
18) Methyl Acetate	2.78	43	229752	63.563	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430627	52.537	ug/l	99
20) Methylene Chloride	2.86	84	135887	54.099	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129844	47.838	ug/l	99
22) Diisopropyl ether	3.88	45	437904	51.267	ug/l	97
23) Vinyl Acetate	3.83	43	1701068	240.550	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235343	49.121	ug/l	99
25) 2-Butanone	4.72	43	507035	271.914	ug/l	99
26) 2,2-Dichloropropane	4.59	77	111192	26.978	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	147068	48.642	ug/l	94
28) Bromochloromethane	5.03	49	97169	52.738	ug/l	97
29) Tetrahydrofuran	5.18	42	329913	279.983	ug/l	100
30) Chloroform	5.23	83	252581	50.903	ug/l	100
31) Cyclohexane	5.58	56	210677	47.109	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	224278	50.412	ug/l	98
36) 1,1-Dichloropropene	5.81	75	184705	45.875	ug/l	99
37) Ethyl Acetate	4.87	43	195399	52.906	ug/l	99
38) Carbon Tetrachloride	5.79	117	199583	48.955	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	212446	45.331	ug/l	99
40) Benzene	6.15	78	545646	48.746	ug/l	98
41) Methacrylonitrile	5.07	41	117445	50.923	ug/l	99
42) 1,2-Dichloroethane	6.21	62	216029	50.279	ug/l	99
43) Isopropyl Acetate	6.48	43	331372	52.297	ug/l	99
44) Trichloroethene	7.22	130	159728	46.706	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141056	50.115	ug/l	98
46) Dibromomethane	7.67	93	97632	49.645	ug/l	100
47) Bromodichloromethane	7.91	83	186034	51.064	ug/l	98
48) Methyl methacrylate	7.79	41	177371	51.988	ug/l	98
49) 1,4-Dioxane	7.76	88	68074	1356.825	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1088448	282.917	ug/l	100
52) Toluene	8.79	92	359620	49.223	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	201008	46.134	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	191557	46.624	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	148001	50.967	ug/l	99
56) Ethyl methacrylate	9.19	69	222031	52.057	ug/l	97
57) 1,3-Dichloropropane	9.38	76	241698	50.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	545707	262.160	ug/l	99
59) 2-Hexanone	9.51	43	828963	281.504	ug/l	99
60) Dibromochloromethane	9.59	129	159871	52.419	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158019	51.563	ug/l	100
64) Tetrachloroethene	9.34	164	192292	54.320	ug/l	99
65) Chlorobenzene	10.15	112	421530	47.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	155090	50.907	ug/l	99
67) Ethyl Benzene	10.26	91	701762	47.609	ug/l	98
68) m/p-Xylenes	10.37	106	558128	96.071	ug/l	99
69) o-Xylene	10.71	106	271639	48.500	ug/l	98
70) Styrene	10.72	104	451656	48.965	ug/l	99
71) Bromoform	10.87	173	132661	46.946	ug/l	99
73) Isopropylbenzene	11.02	105	737070	49.032	ug/l	99
74) N-amyl acetate	6.48	43	331372	51.531	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227215	53.393	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207448m	52.000	ug/l	
77) Bromobenzene	11.26	156	209107	47.921	ug/l	98
78) n-propylbenzene	11.37	91	826520	47.894	ug/l	100
79) 2-Chlorotoluene	11.43	91	500363	49.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	630402	49.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	47830	37.649	ug/l	95
82) 4-Chlorotoluene	11.52	91	589314	47.827	ug/l	100
83) tert-Butylbenzene	11.77	119	622326	48.411	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	648938	49.486	ug/l	99
85) sec-Butylbenzene	11.95	105	751971	49.006	ug/l	100
86) p-Isopropyltoluene	12.07	119	682941	48.113	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	382167	46.784	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	391284	46.667	ug/l	99
89) n-Butylbenzene	12.40	91	582804	46.147	ug/l	99
90) Hexachloroethane	12.60	117	103937	51.675	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385472	48.743	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53117	59.583	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300299	45.236	ug/l	99
94) Hexachlorobutadiene	13.79	225	145382	48.398	ug/l	98
95) Naphthalene	13.84	128	857176	52.501	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302720	47.147	ug/l	99

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

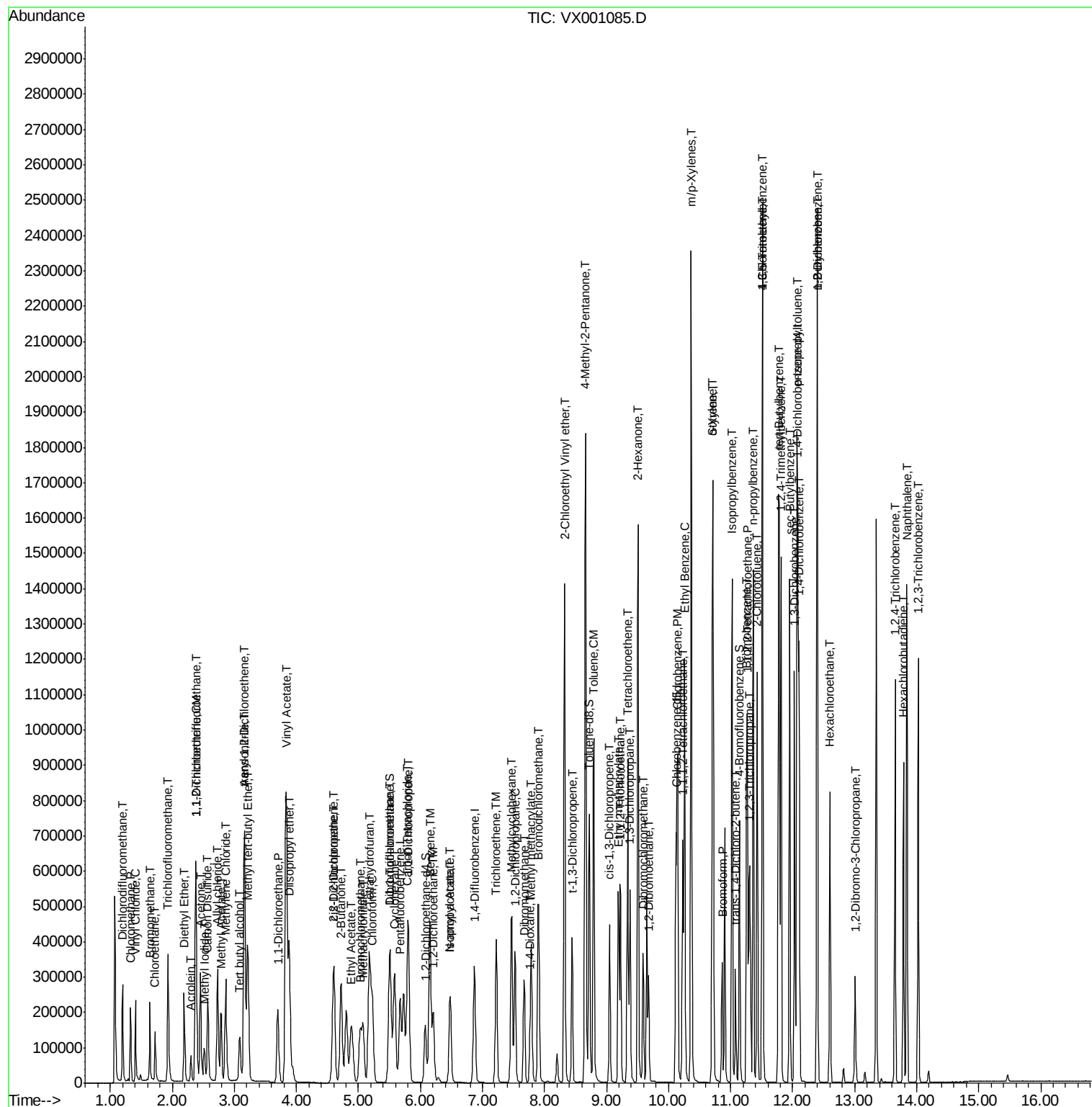
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
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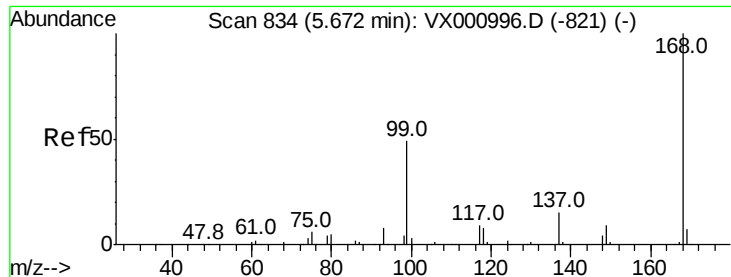
Instrument :
 MSVOA_X
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#1

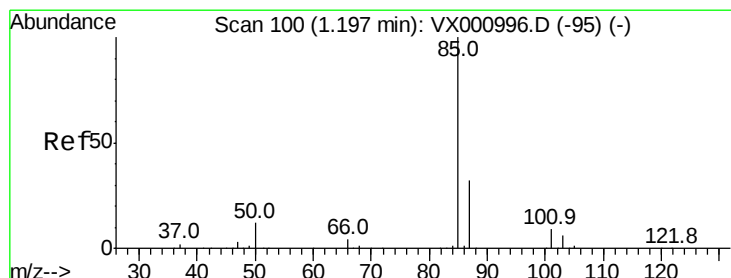
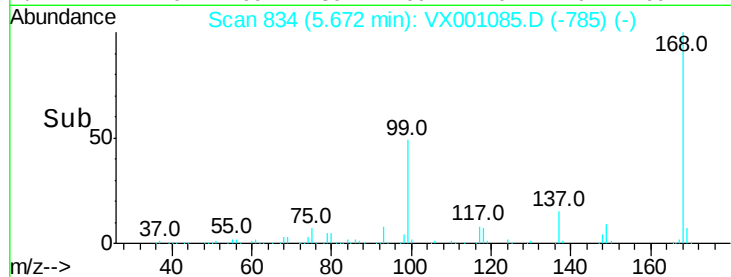
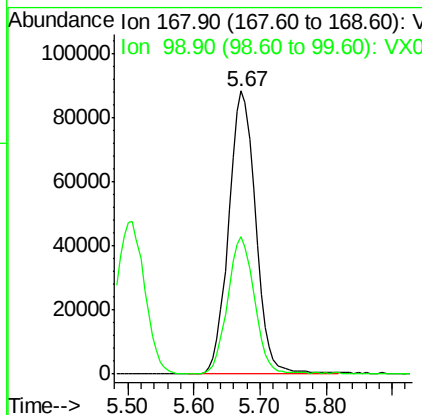
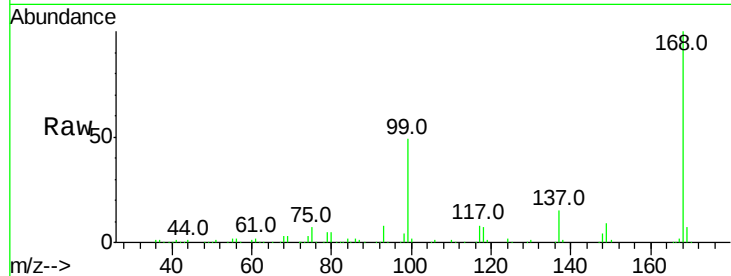
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100	250246		
99	48.6	39.2	58.8	

Manual Integrations
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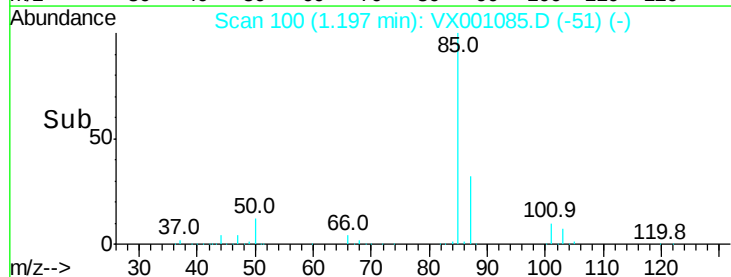
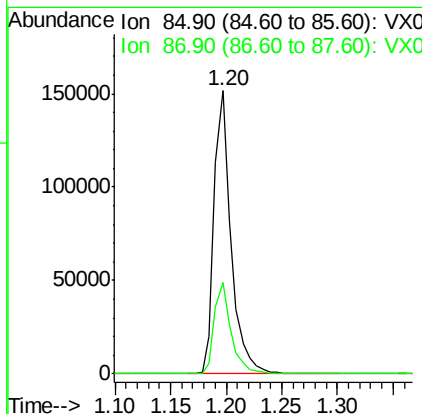
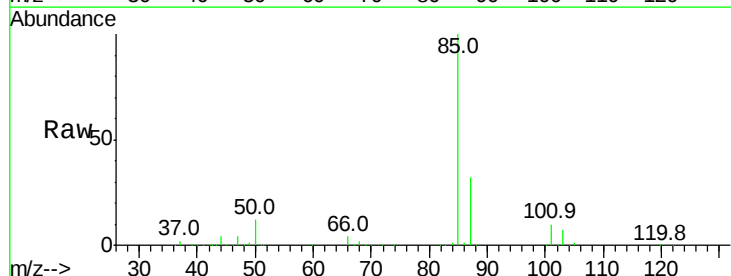
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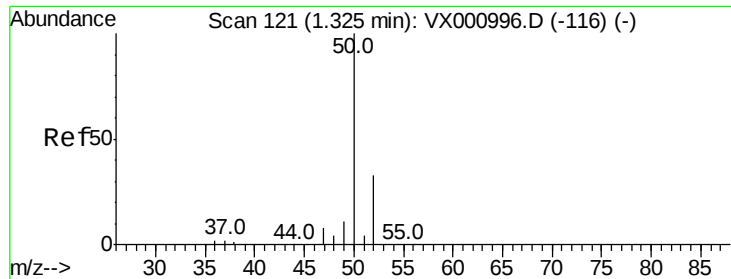


#2

Dichlorodifluoromethane
 Concen: 51.369 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	159428		
87	32.5	15.8	47.4	





#3

Chloromethane

Concen: 45.652 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 131936

Ion Ratio Lower Upper

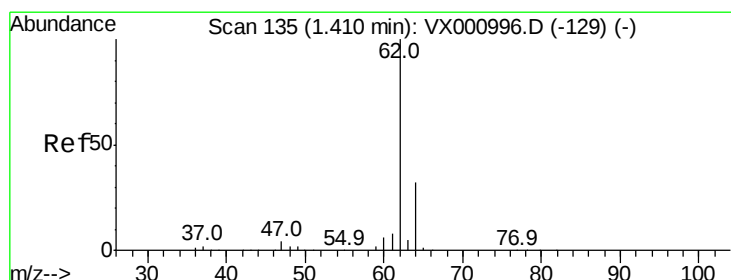
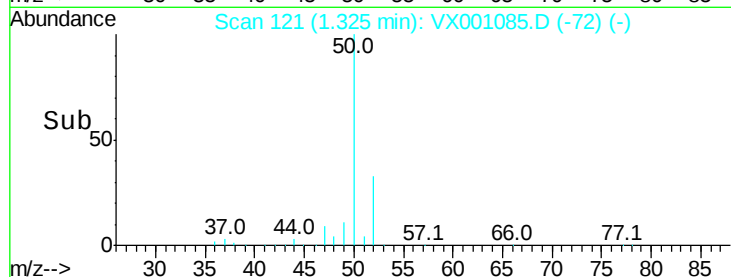
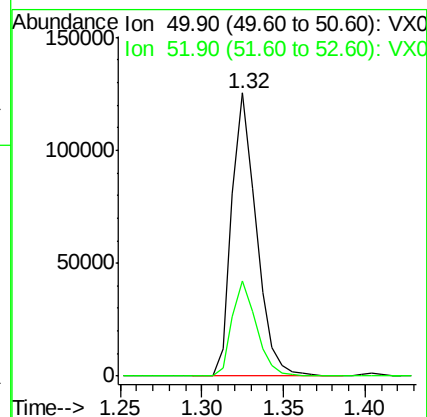
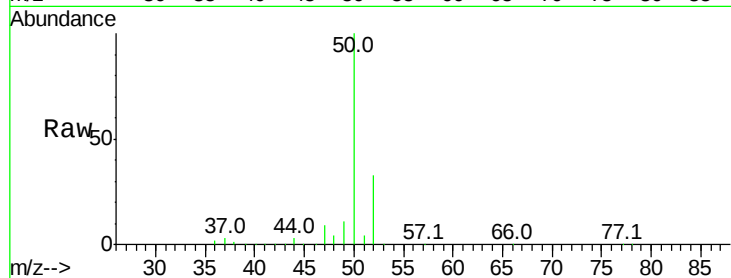
50 100

52 33.5 26.3 39.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.228 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001085.D

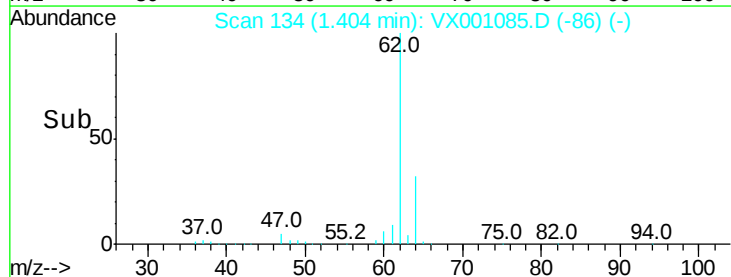
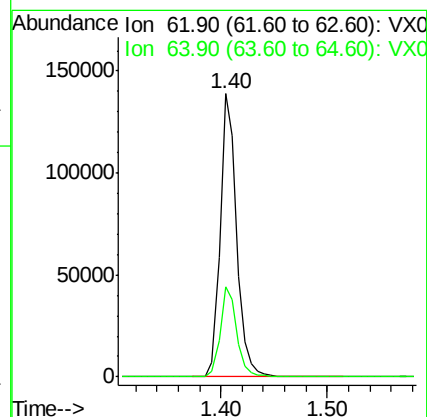
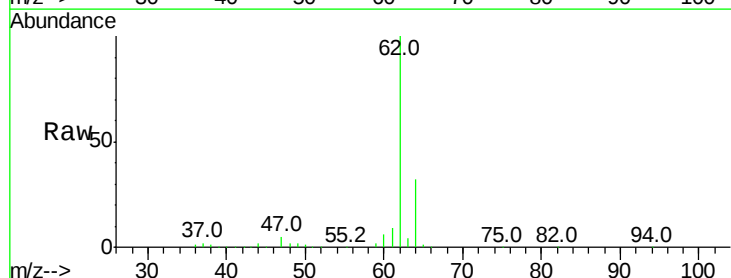
Acq: 24 Apr 2018 18:54

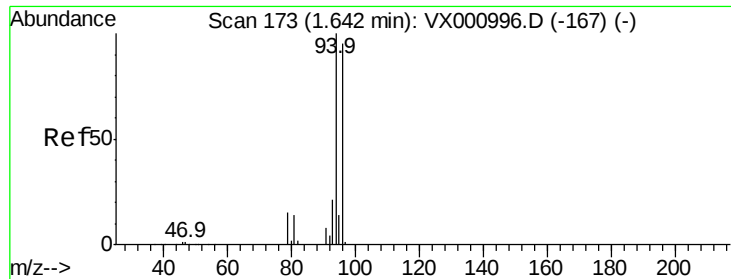
Tgt Ion: 62 Resp: 147452

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 46.844 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 81419

Ion Ratio Lower Upper

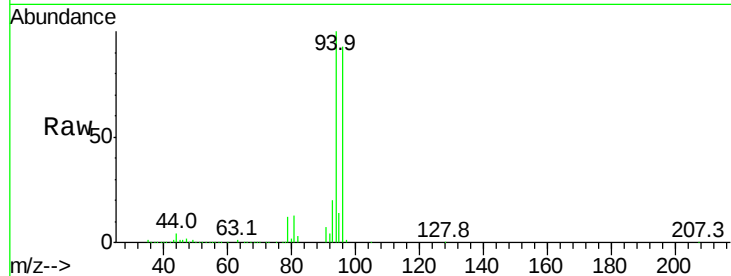
94 100

96 92.7 76.0 114.0

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

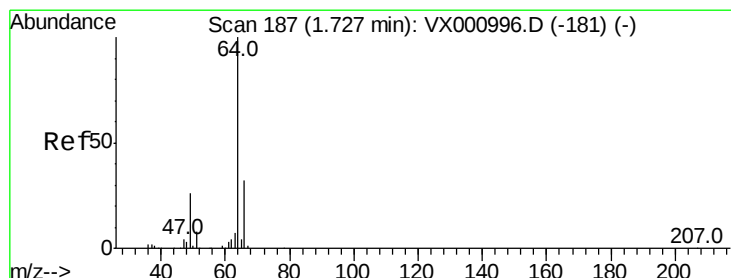
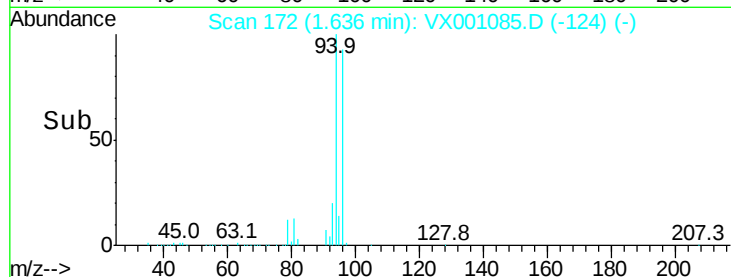
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 50.299 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX001085.D

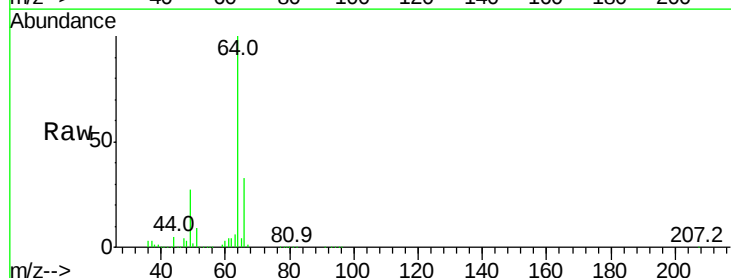
Acq: 24 Apr 2018 18:54

Tgt Ion: 64 Resp: 89525

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

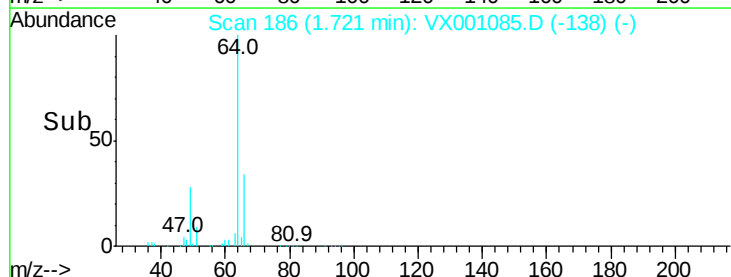
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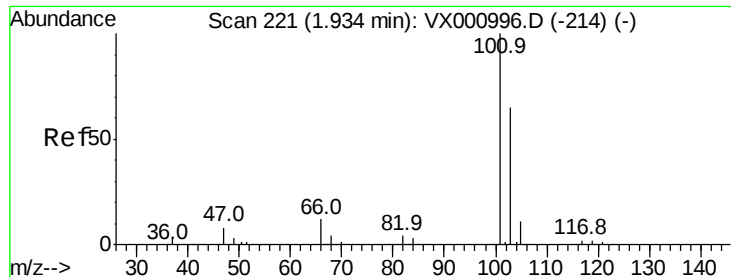
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Time-->





#7

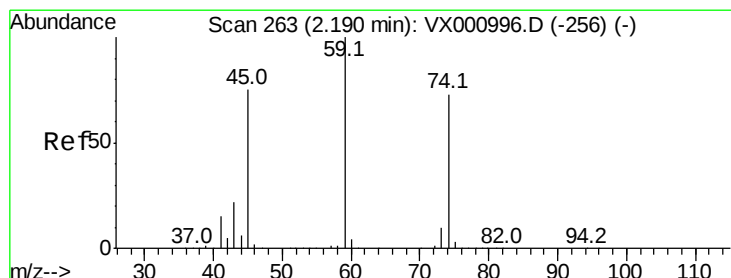
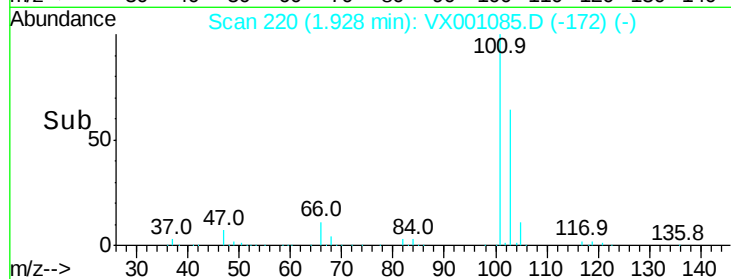
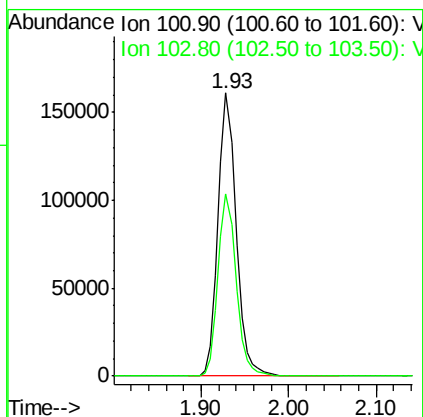
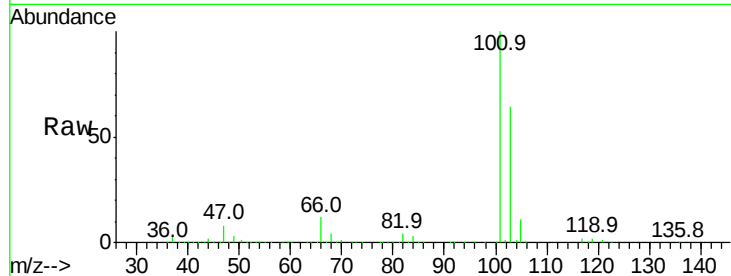
Trichlorofluoromethane
Concen: 51.343 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.8

Manual Integrations
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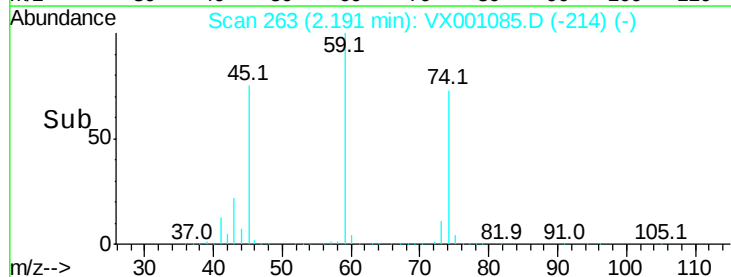
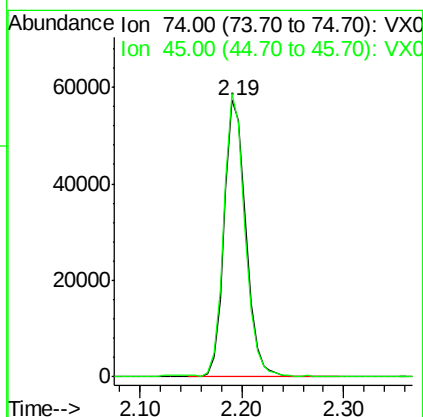
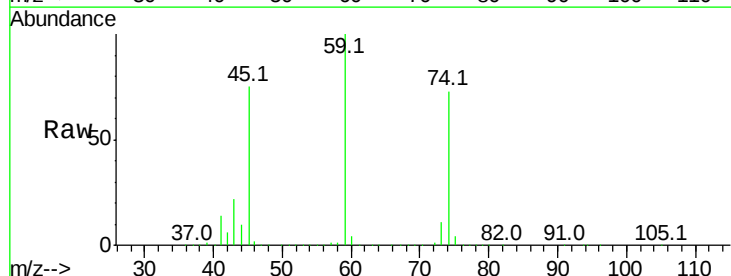
Sohil
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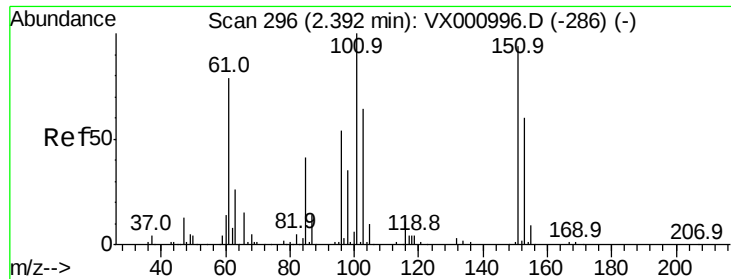


#8

Diethyl Ether
Concen: 50.942 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.891 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

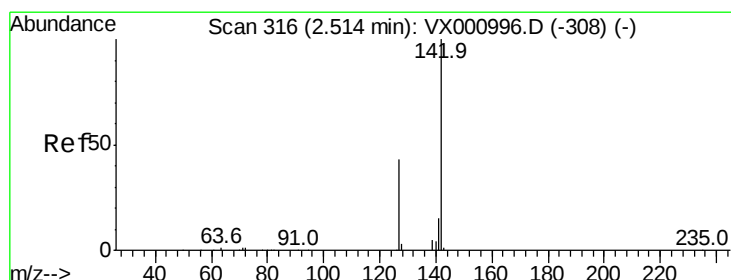
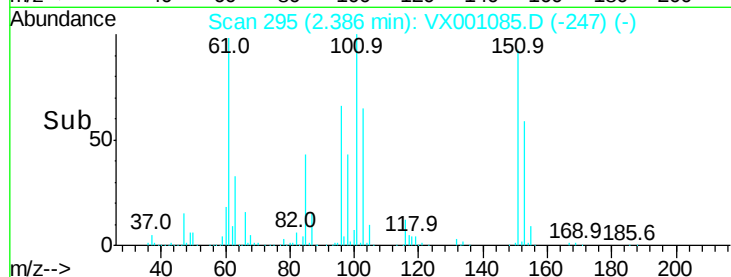
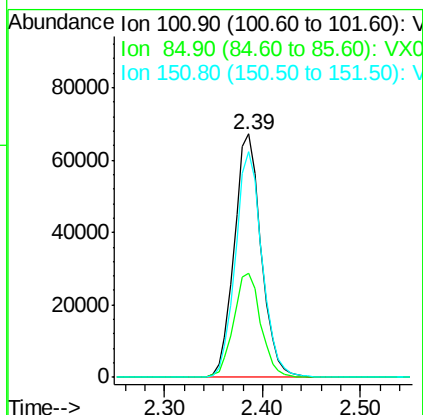
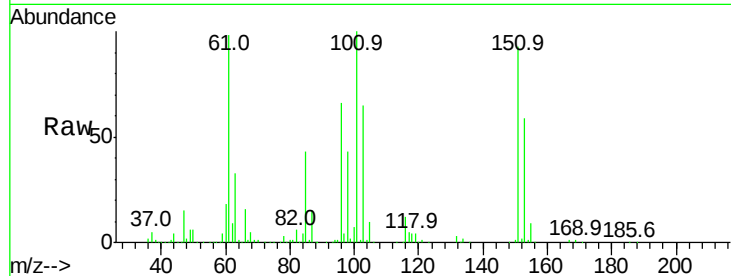
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	128904
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	91.7	73.5	110.3

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#10

Methyl Iodide

Concen: 39.343 ug/l

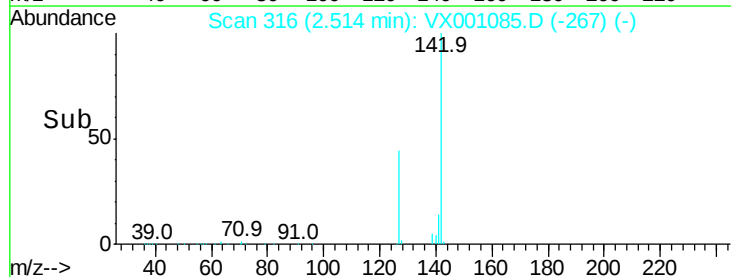
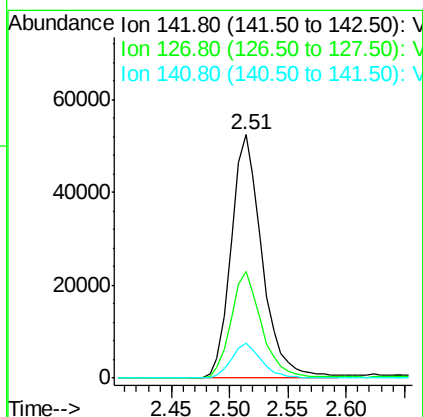
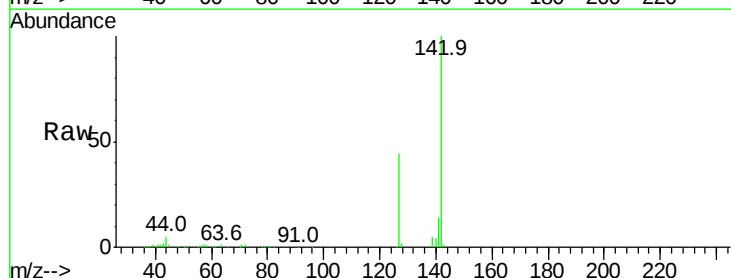
RT: 2.51 min Scan# 316

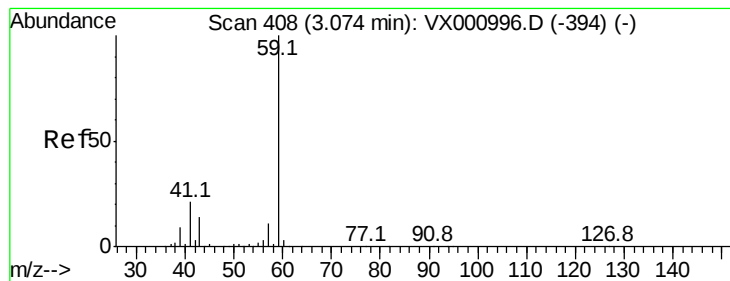
Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	142	Resp:	97398
Ion Ratio	Lower	Upper	
142	100		
127	44.0	34.0	51.0
141	14.2	11.4	17.2





#11

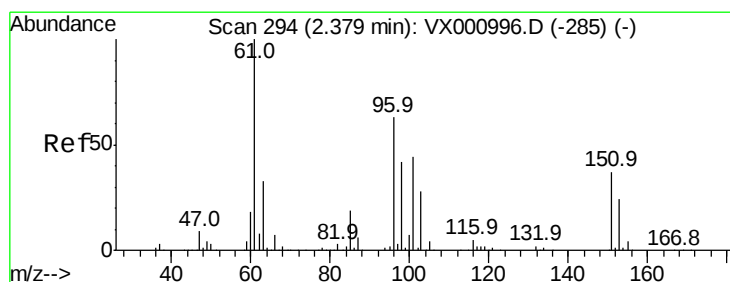
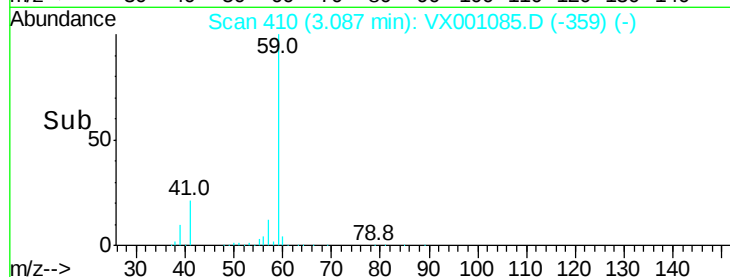
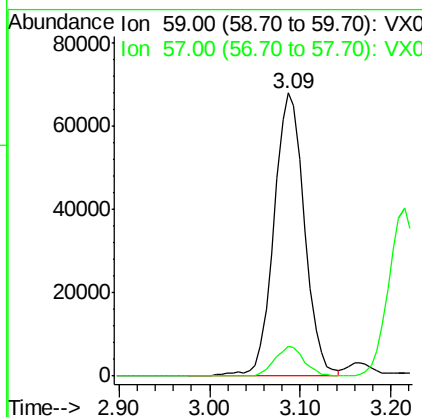
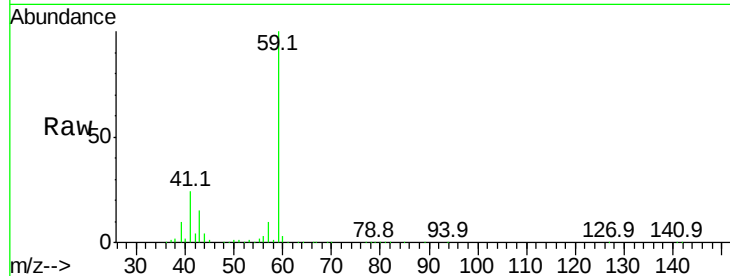
Tert butyl alcohol
 Concen: 330.643 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

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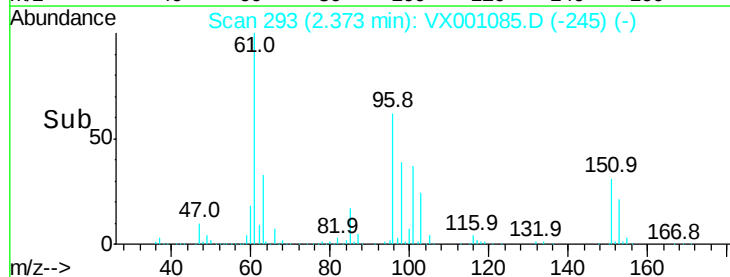
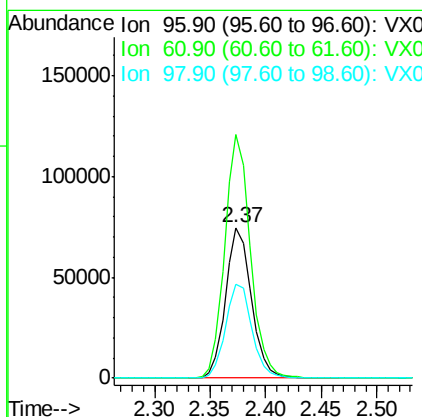
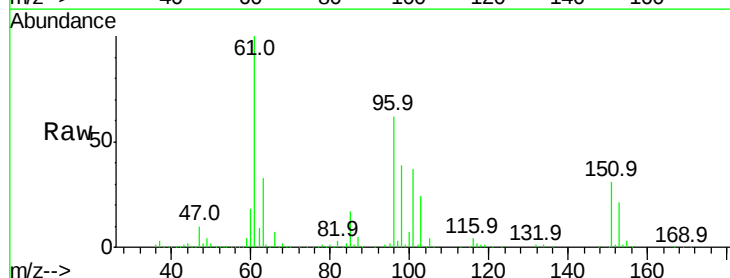
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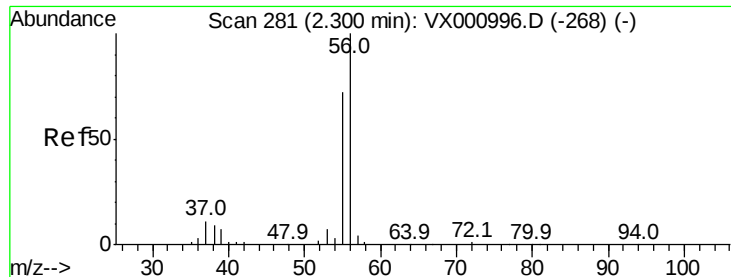


#12

1,1-Dichloroethene
 Concen: 49.258 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	126.4	189.6
98	62.4	52.6	78.8





#13

Acrolein

Concen: 349.269 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 52733

Ion Ratio Lower Upper

56 100

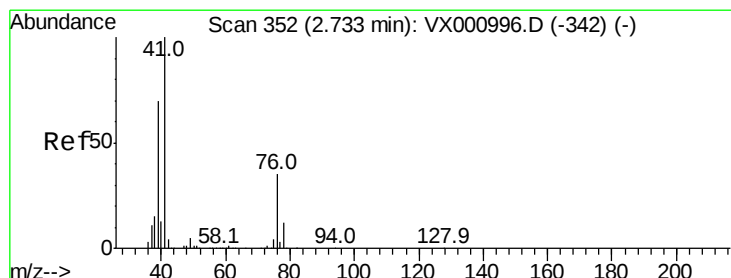
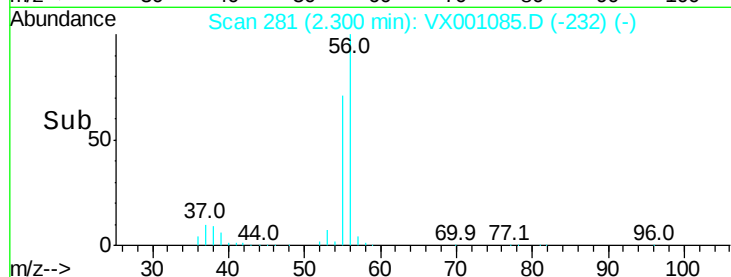
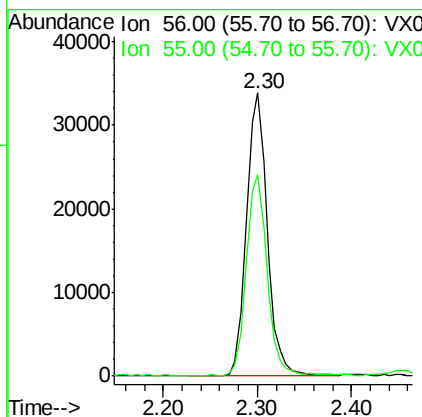
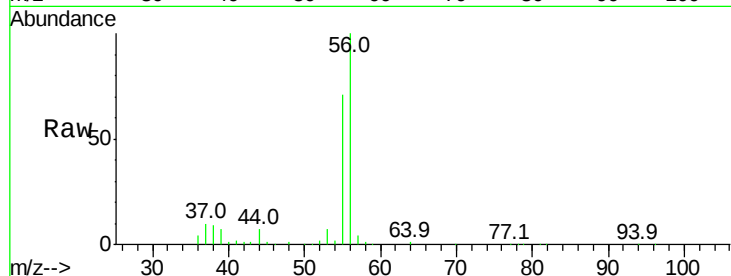
55 70.3 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 48.434 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

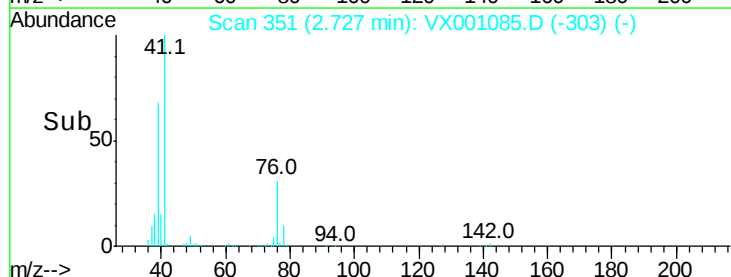
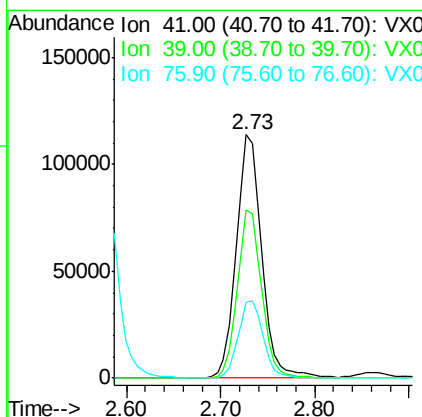
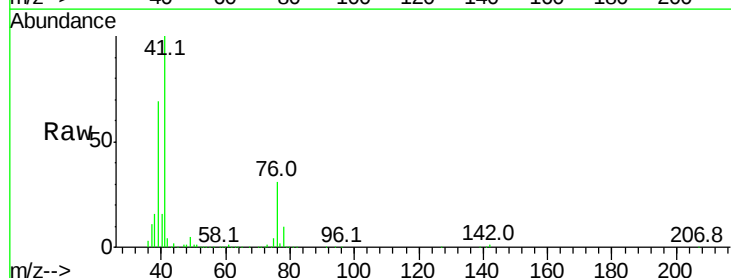
Tgt Ion: 41 Resp: 213716

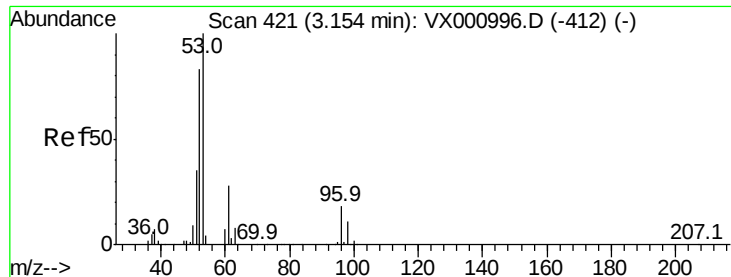
Ion Ratio Lower Upper

41 100

39 65.7 53.0 79.6

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 273.598 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

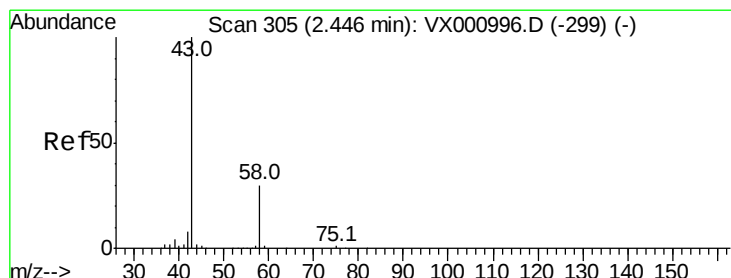
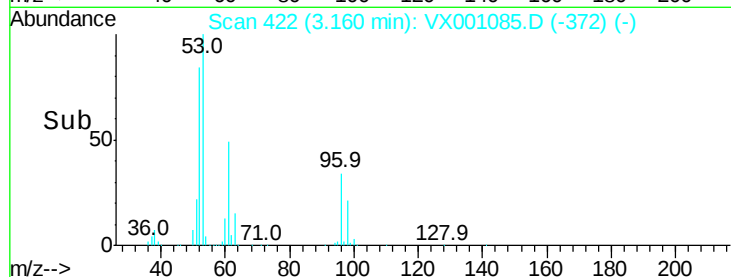
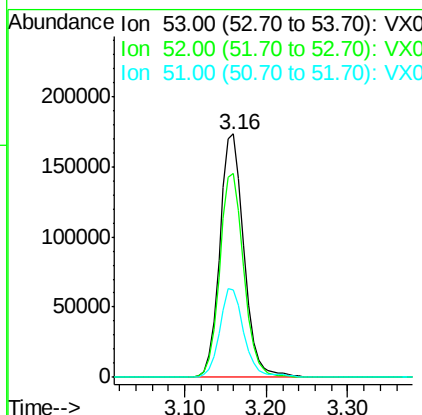
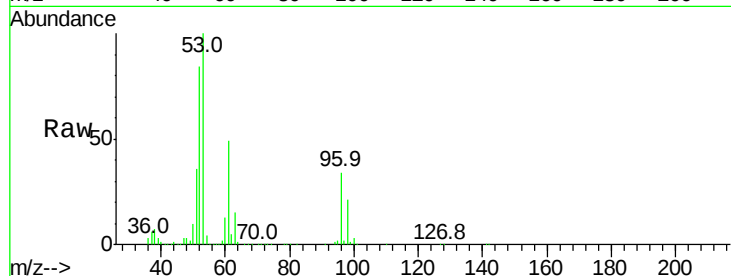
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	354238
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.4	99.6
51	36.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 267.326 ug/l

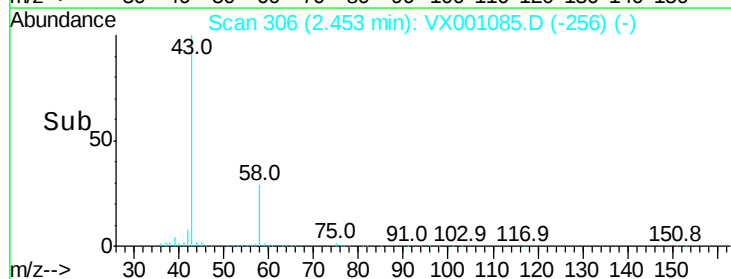
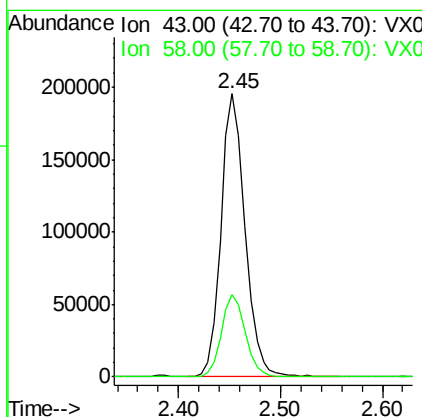
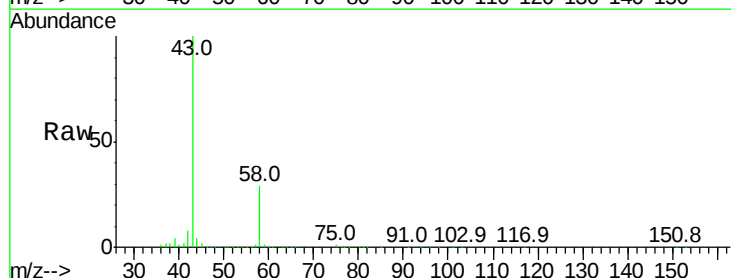
RT: 2.45 min Scan# 306

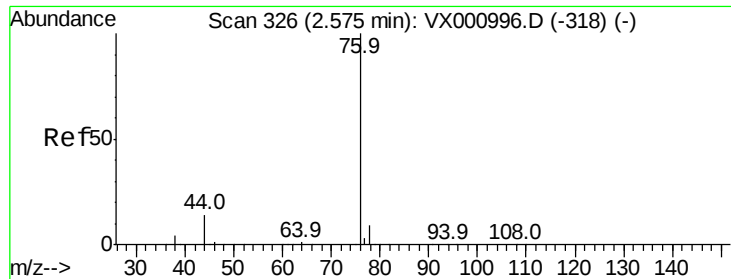
Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	43	Resp:	319323
Ion Ratio	Lower	Upper	
43	100		
58	29.3	23.7	35.5





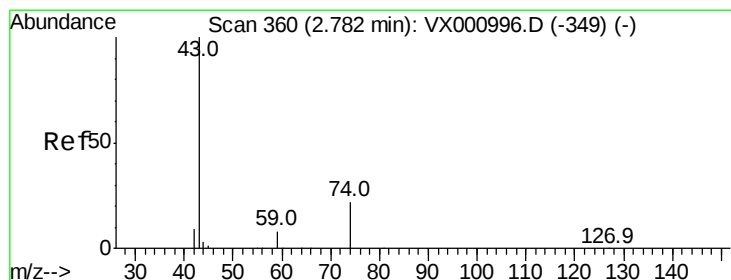
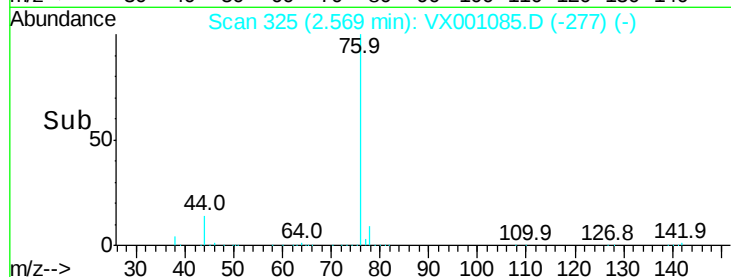
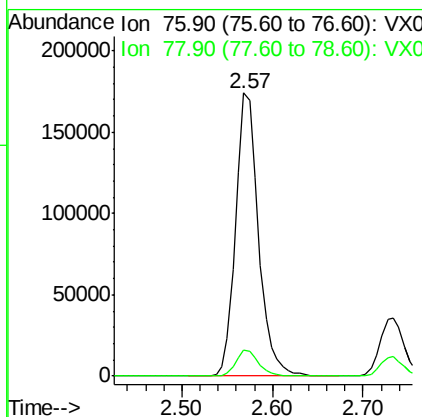
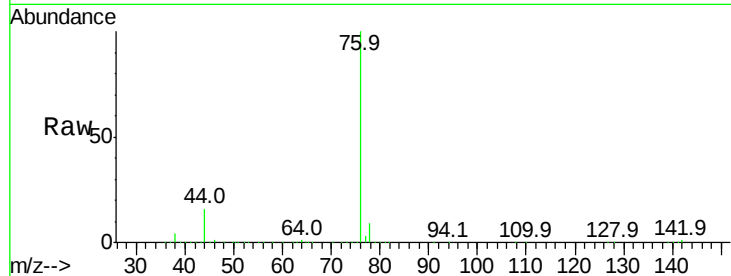
#17
Carbon Disulfide
Concen: 43.960 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

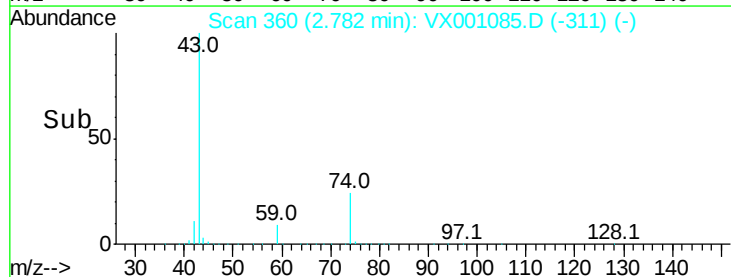
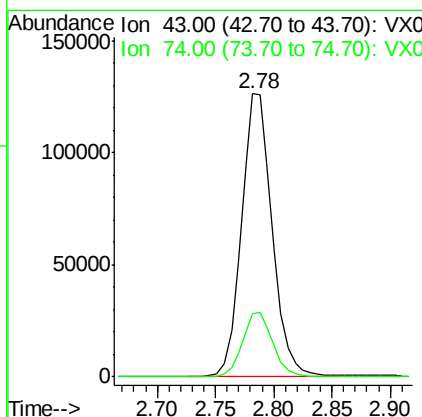
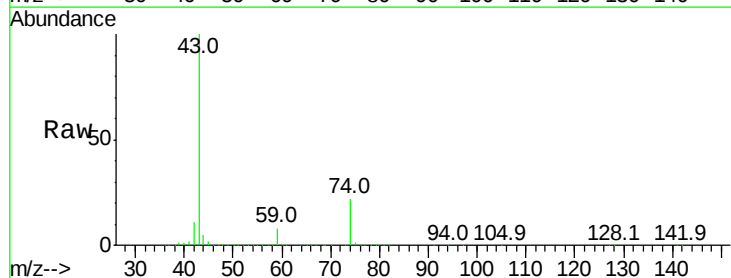
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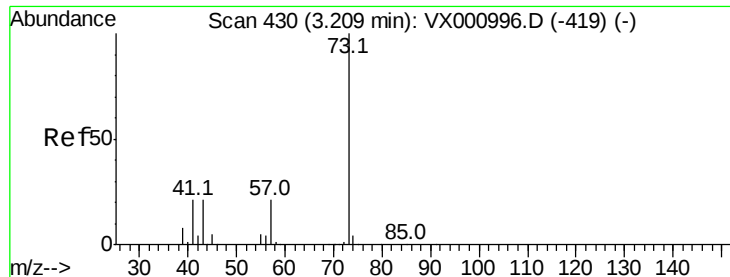
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#18
Methyl Acetate
Concen: 63.563 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.3	27.5





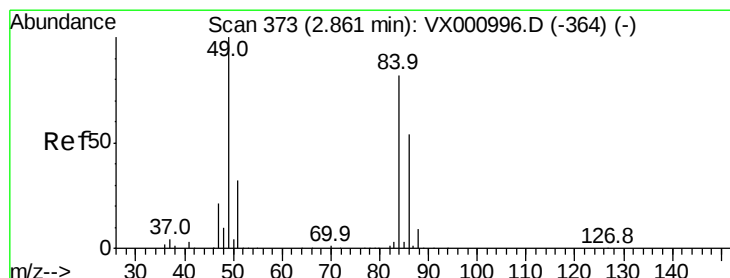
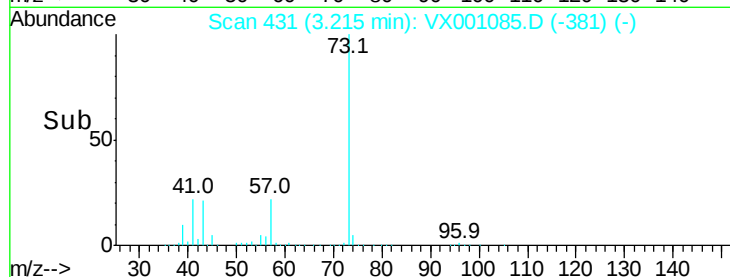
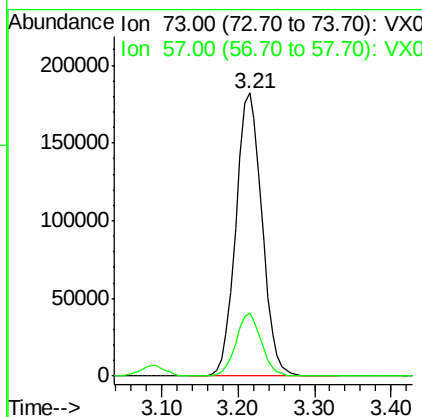
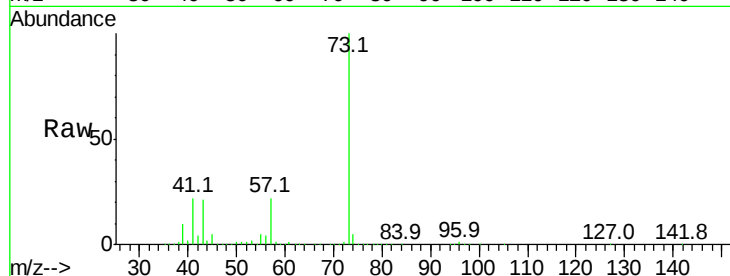
#19
Methyl tert-butyl Ether
Concen: 52.537 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

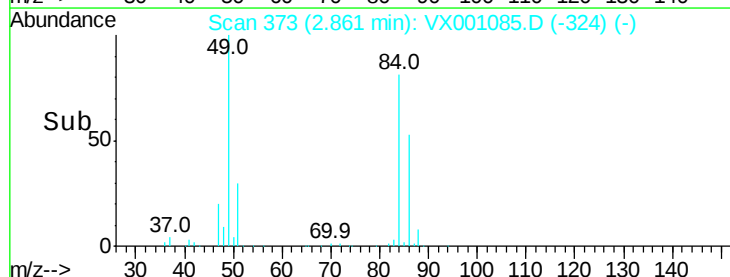
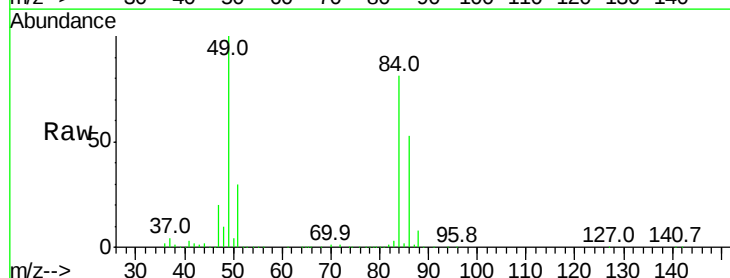
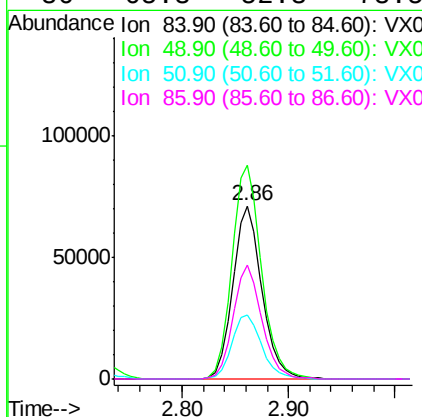
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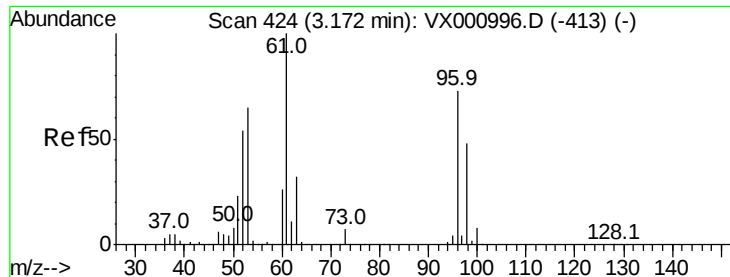
Sohil
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#20
Methylene Chloride
Concen: 54.099 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	97.1	145.7
51	36.8	30.8	46.2
86	65.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 47.838 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 129844

Ion Ratio Lower Upper

96 100

61 138.5 109.4 164.2

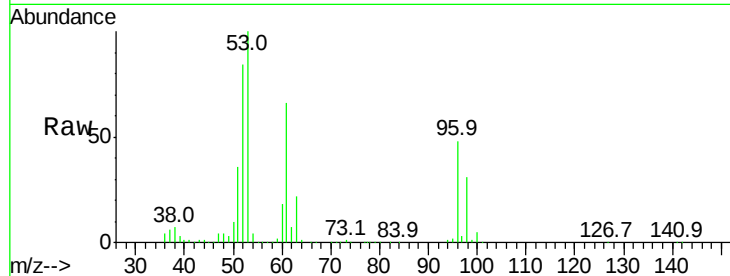
98 65.7 52.6 78.8

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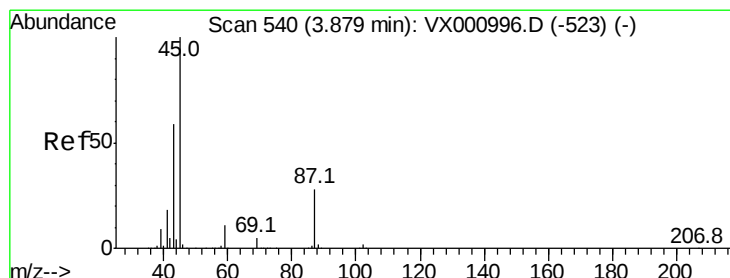
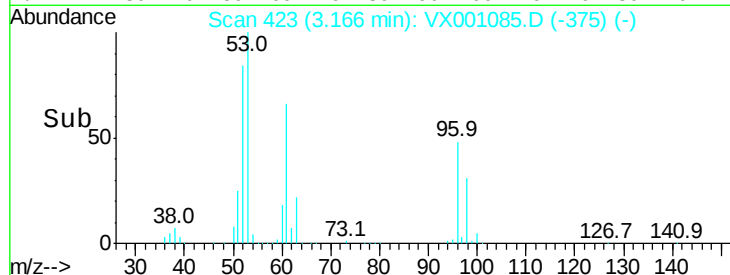
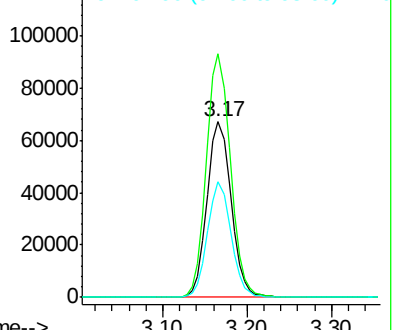


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.267 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion: 45 Resp: 437904

Ion Ratio Lower Upper

45 100

43 61.5 47.0 70.4

87 26.1 22.5 33.7

59 11.4 8.8 13.2

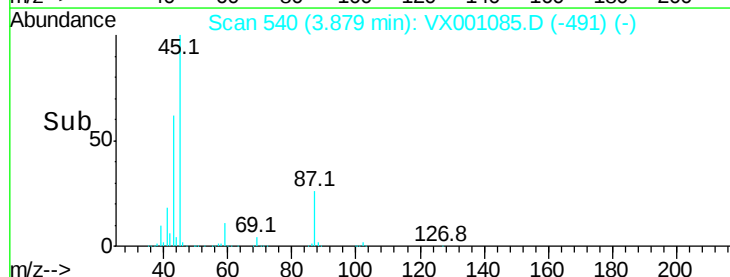
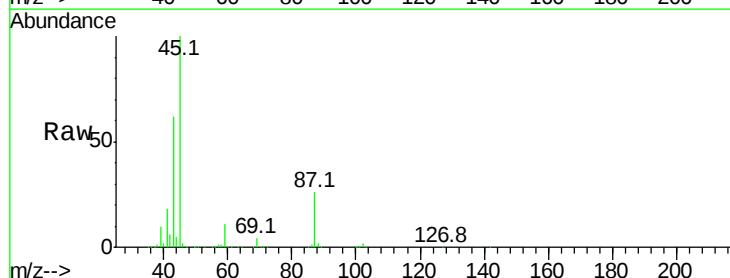
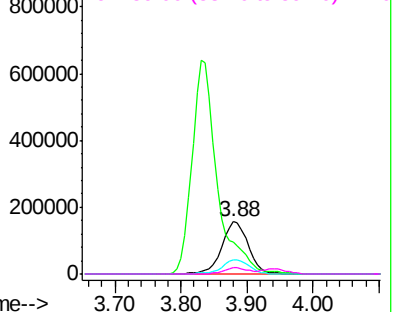
Abundance

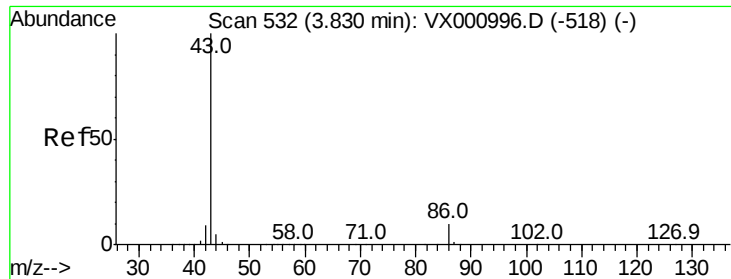
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.550 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tot Ion: 43 Resp: 1701068

Ion Ratio Lower Upper

43 100

86 9.7 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

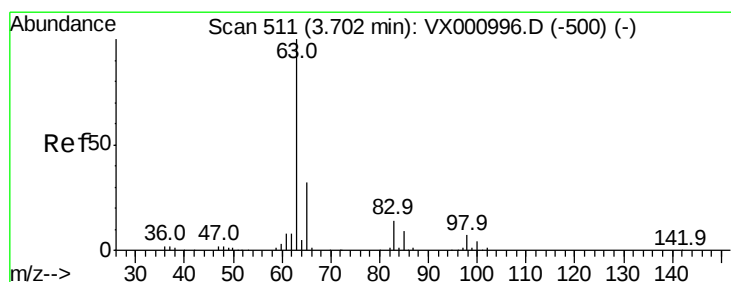
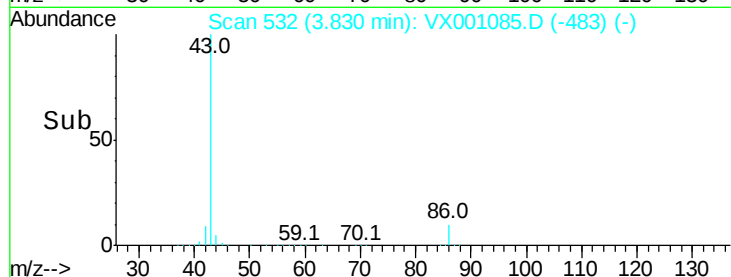
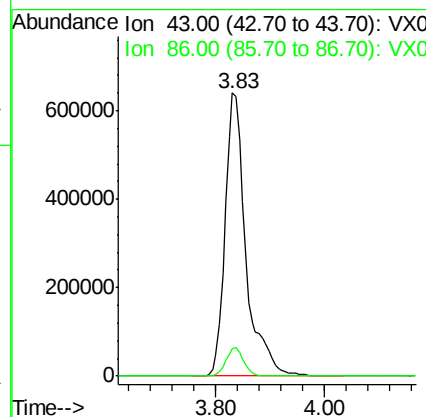
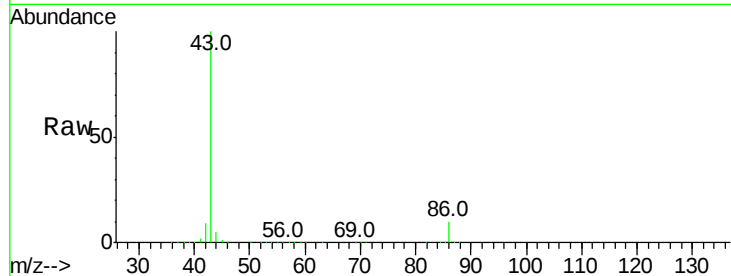
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 49.121 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

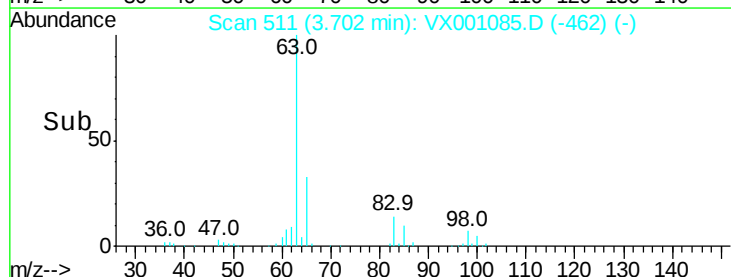
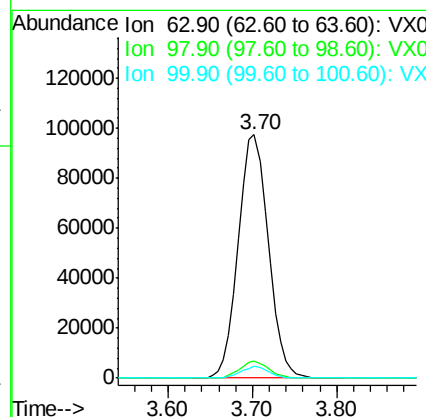
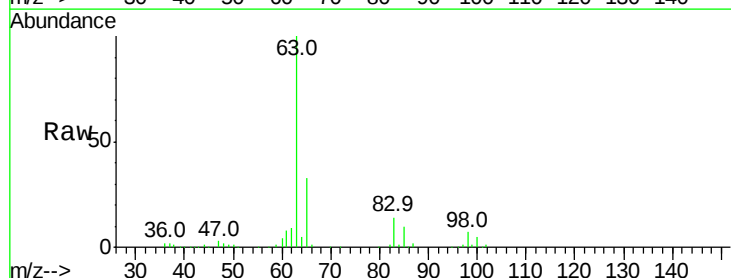
Tgt Ion: 63 Resp: 235343

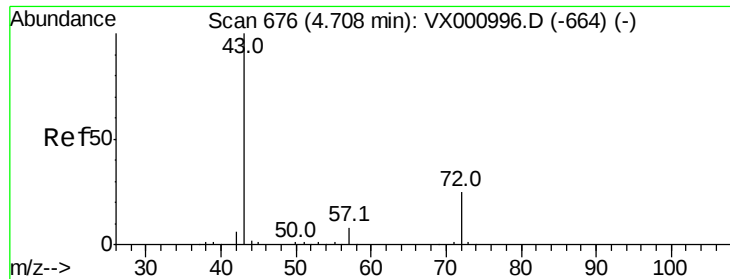
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 271.914 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tot Ion: 43 Resp: 507035

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9

Instrument :

MSVOA_X

ClientSampleId :

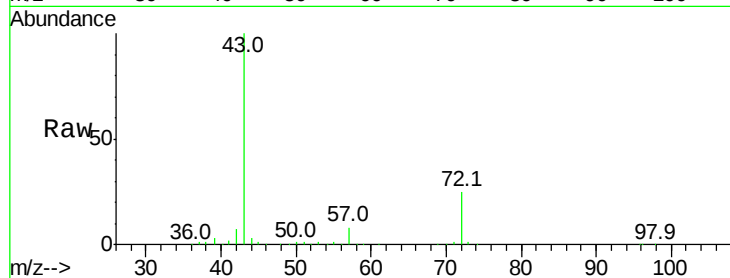
VSTDCCC050EC

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

150000

100000

50000

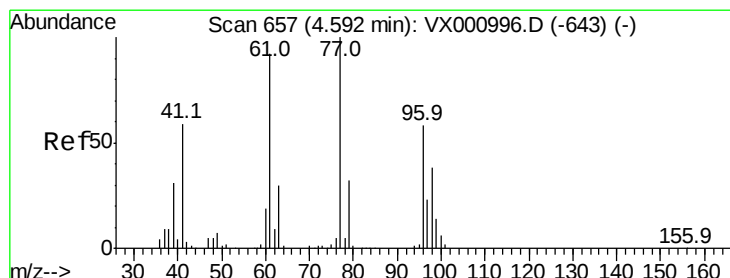
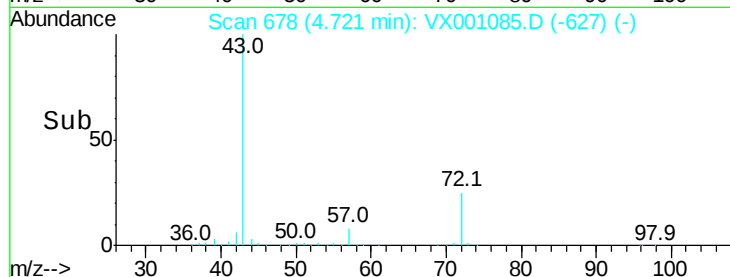
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 26.978 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001085.D

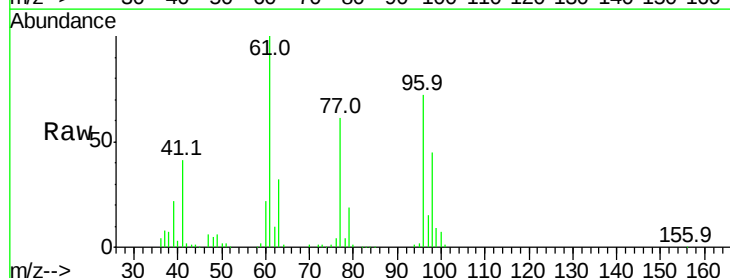
Acq: 24 Apr 2018 18:54

Tgt Ion: 77 Resp: 111192

Ion Ratio Lower Upper

77 100

97 25.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

20000

10000

0

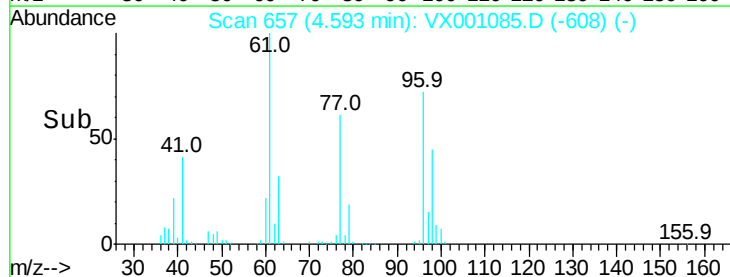
4.40

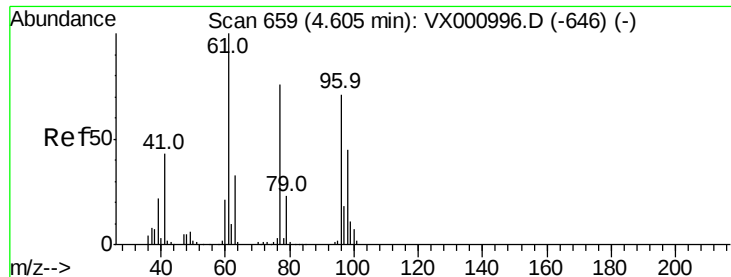
4.50

4.60

4.70

Time-->





#27

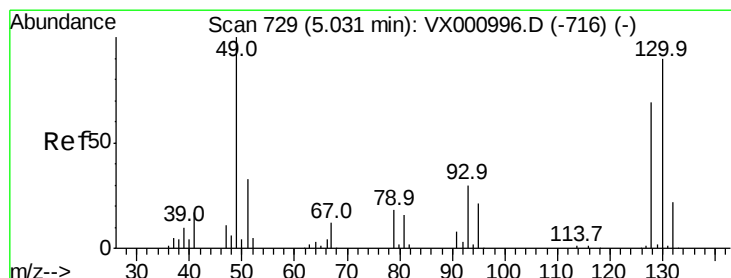
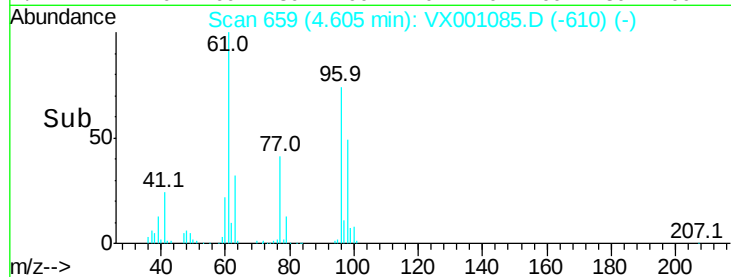
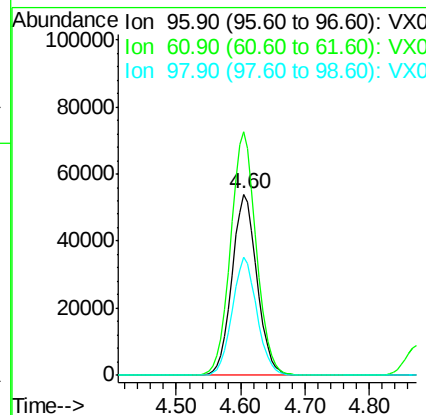
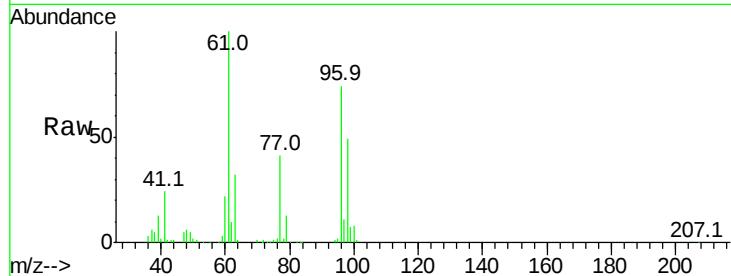
cis-1,2-Dichloroethene
Concen: 48.642 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.9	0.0	297.0	
98	64.4	0.0	130.0	

Manual Integrations
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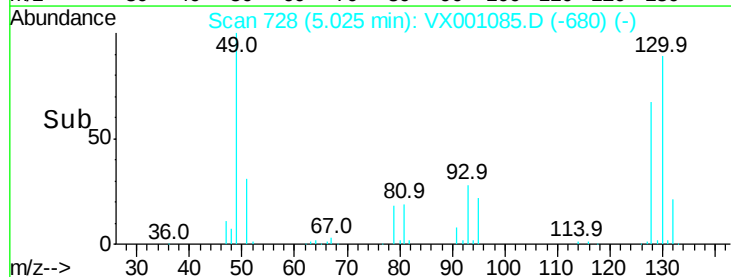
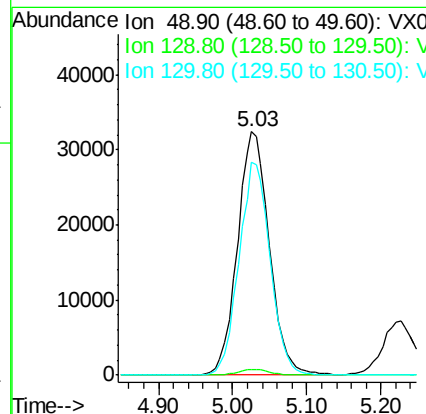
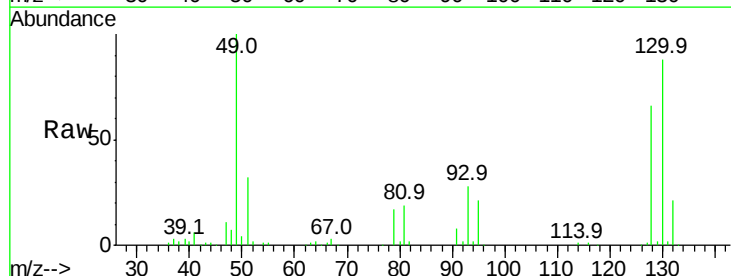
Sohil
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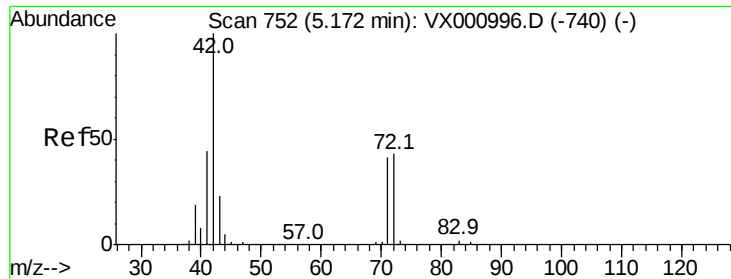


#28

Bromochloromethane
Concen: 52.738 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.8	
130	85.5	70.6	105.8	





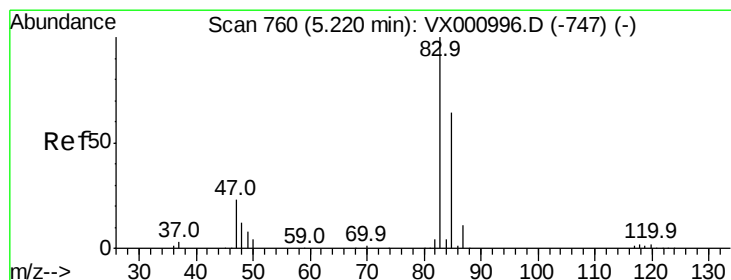
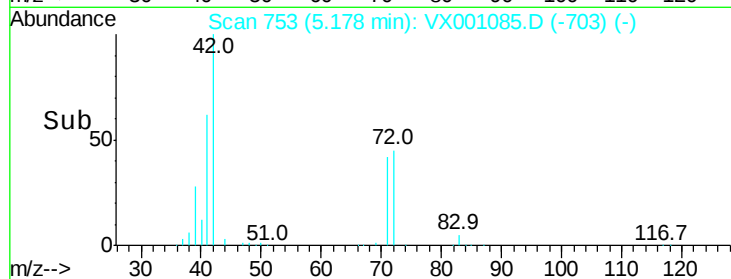
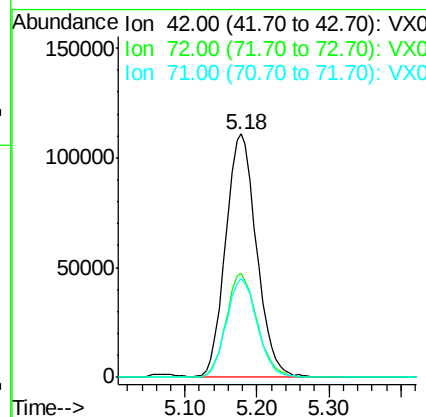
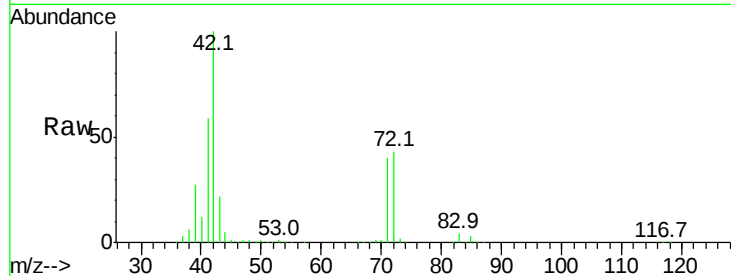
#29
Tetrahydrofuran
Concen: 279.983 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.6	52.0
71	40.6	32.6	49.0

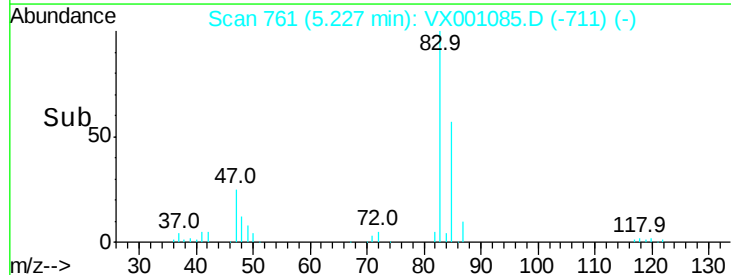
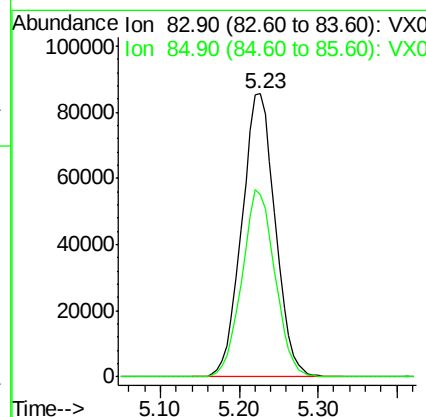
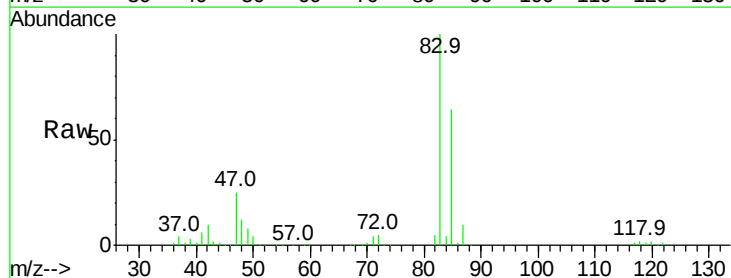
Manual Integrations
APPROVED

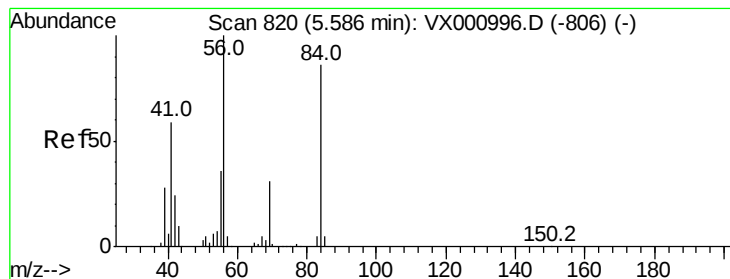
Sohil
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#30
Chloroform
Concen: 50.903 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9





#31

Cyclohexane

Concen: 47.109 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 210677

Ion Ratio Lower Upper

56 100

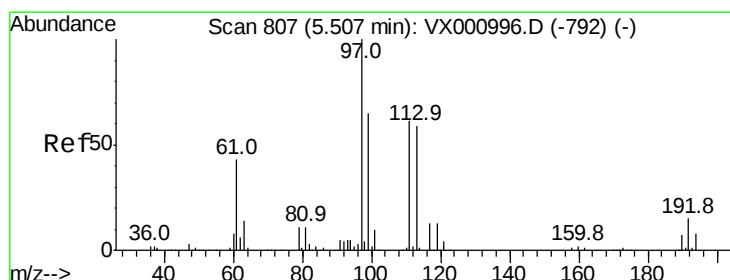
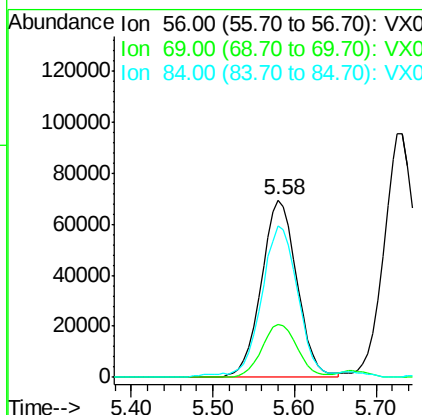
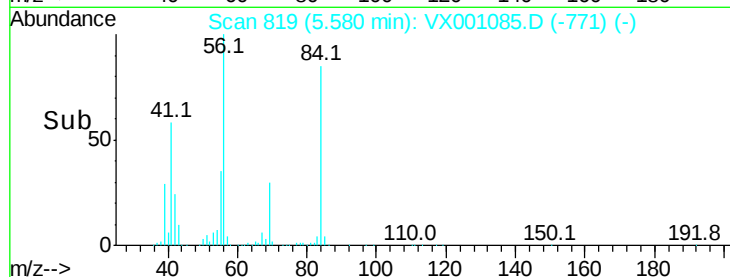
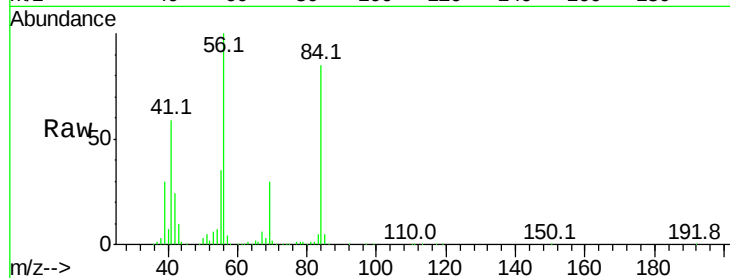
69 30.1 24.6 36.8

84 84.8 69.0 103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.412 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

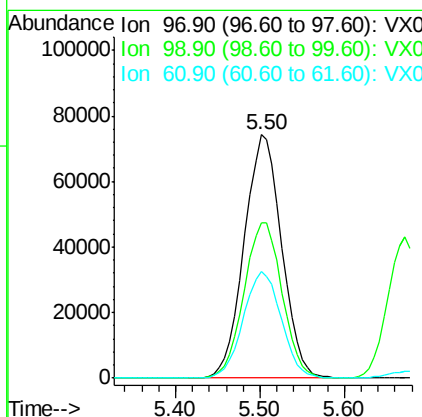
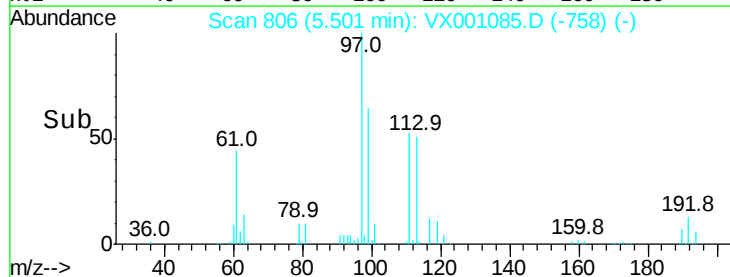
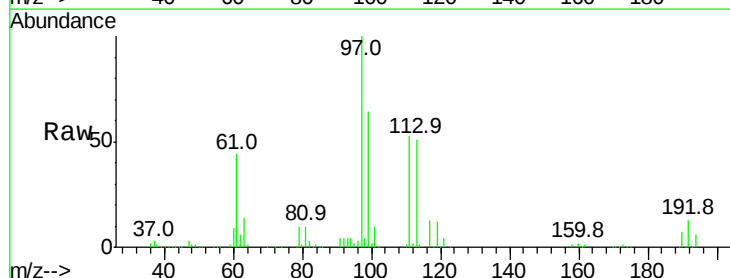
Tgt Ion: 97 Resp: 224278

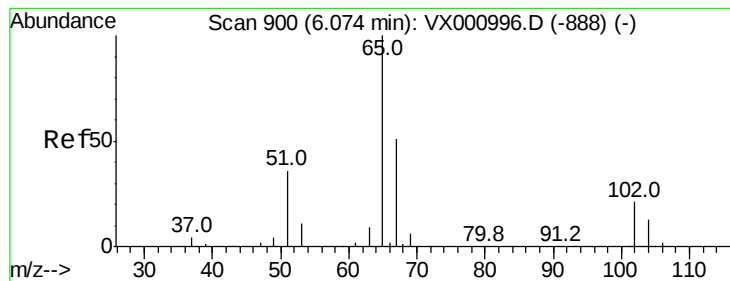
Ion Ratio Lower Upper

97 100

99 65.0 51.1 76.7

61 44.5 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 49.736 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tot Ion: 65 Resp: 157773

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6

Instrument :

MSVOA_X

ClientSampleId :

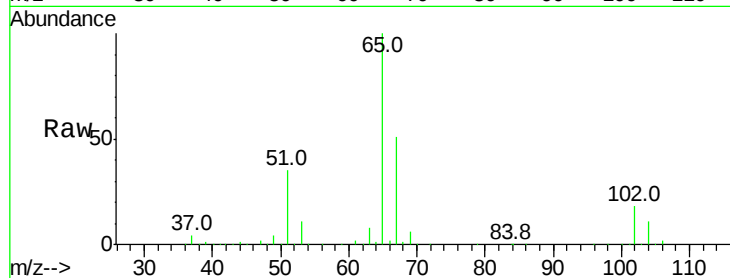
VSTDCCC050EC

Manual Integrations

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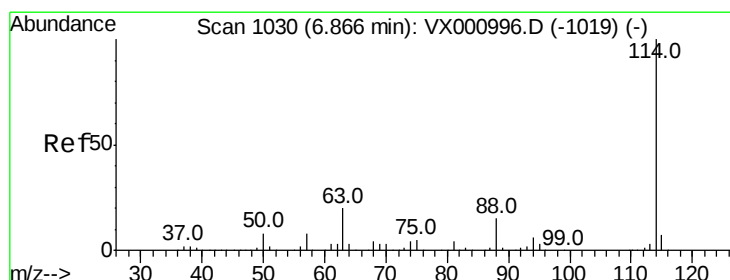
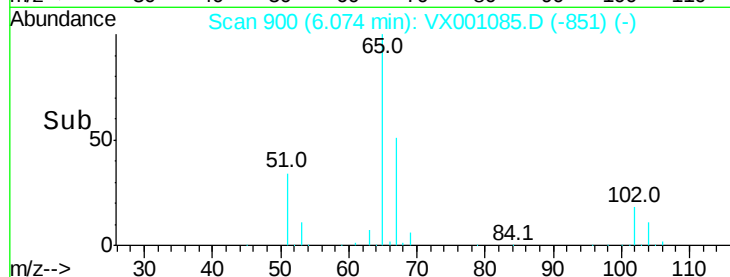
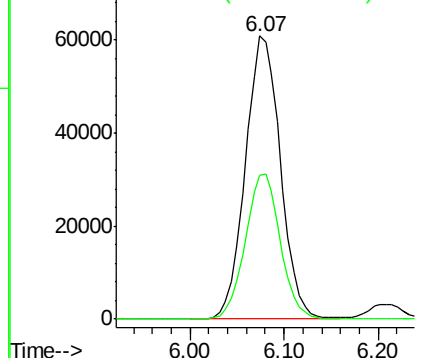
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

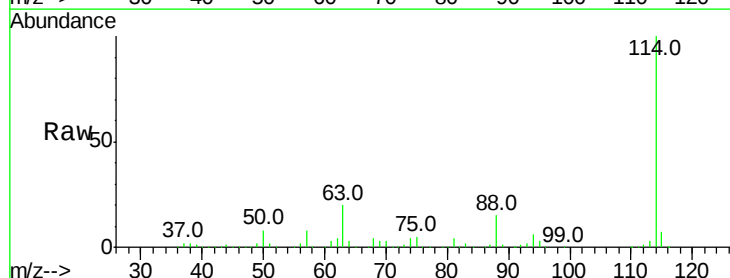
Tgt Ion: 114 Resp: 342622

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

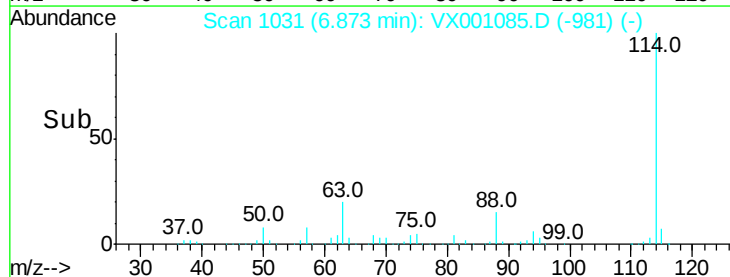
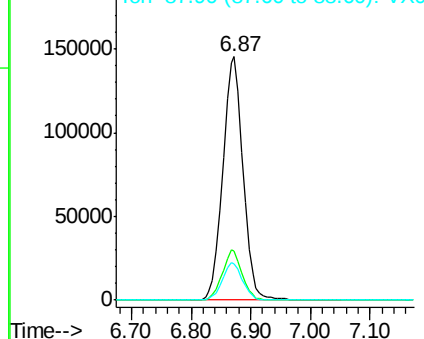
88 14.8 0.0 29.8

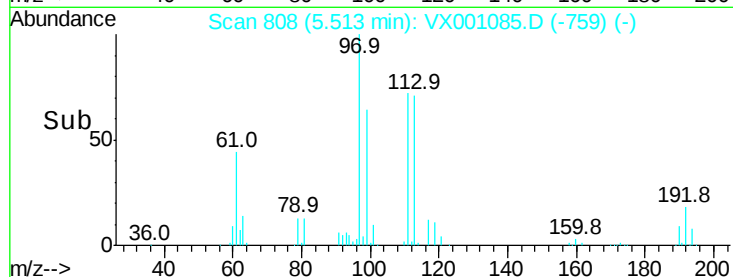
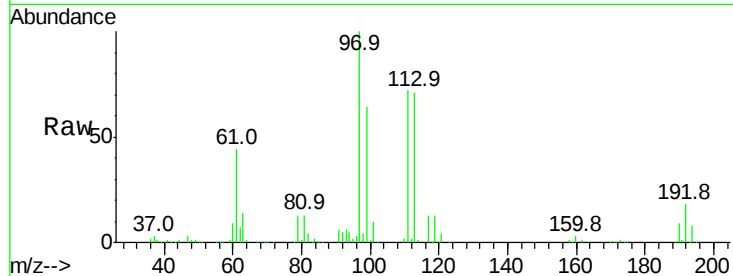
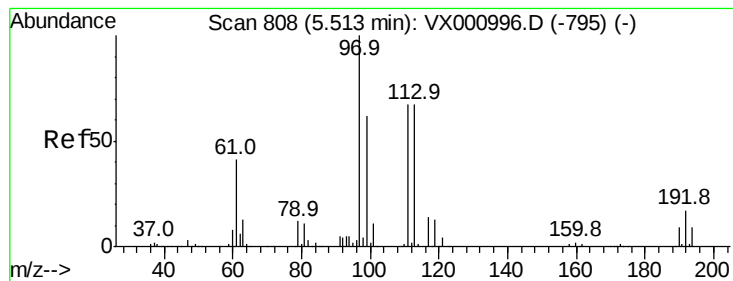


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001085.D

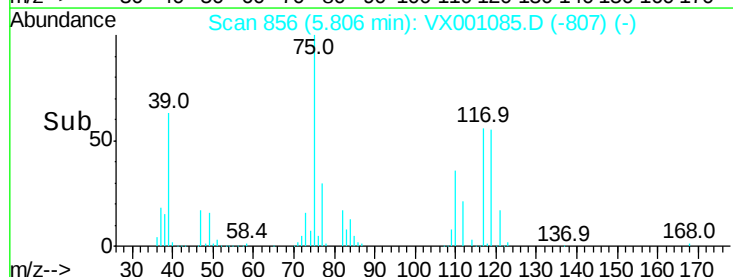
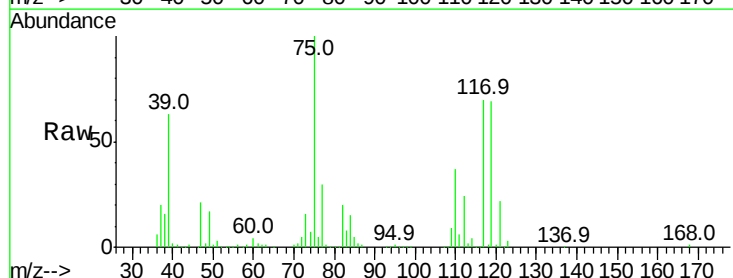
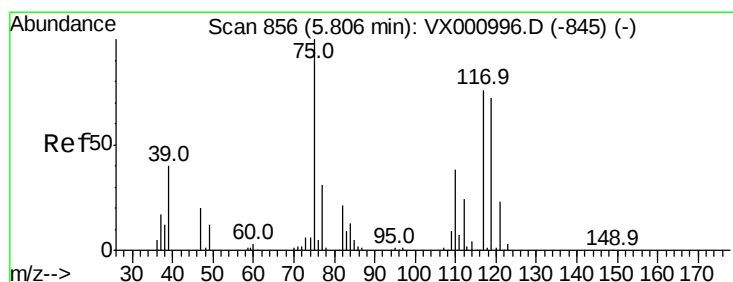
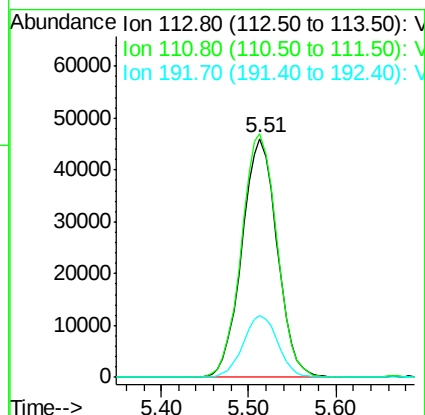
Acq: 24 Apr 2018 18:54

Tot Ion:	113	Resp:	129058
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.4	122.2
192	25.7	20.4	30.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.875 ug/l

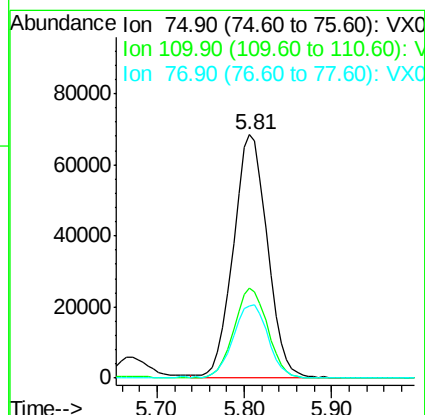
RT: 5.81 min Scan# 856

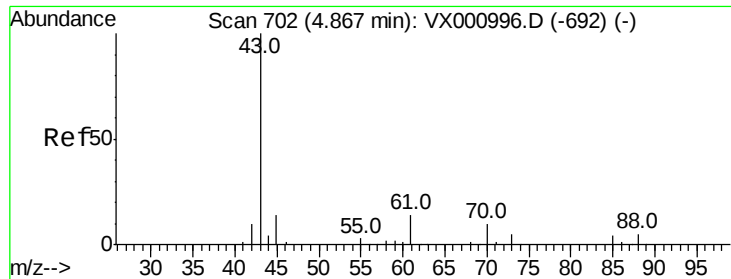
Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	75	Resp:	184705
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.7	56.1
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 52.906 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

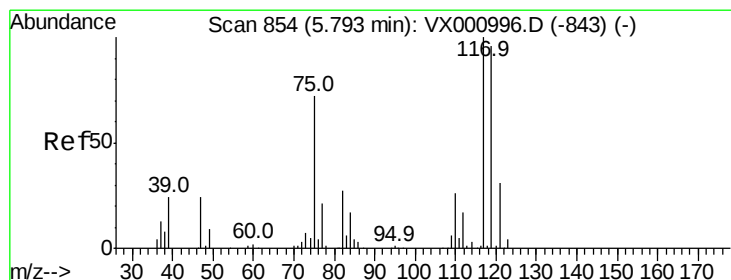
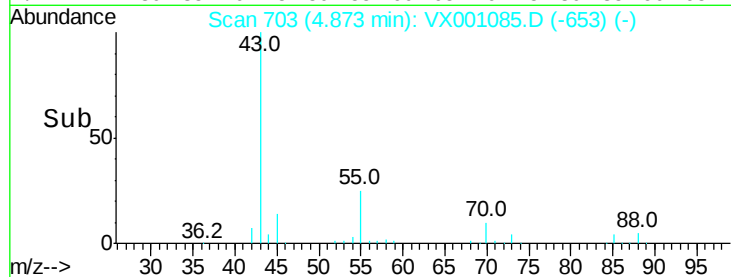
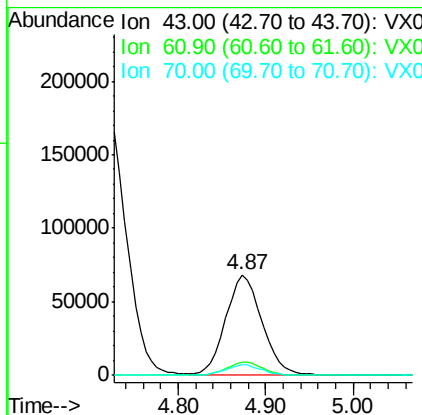
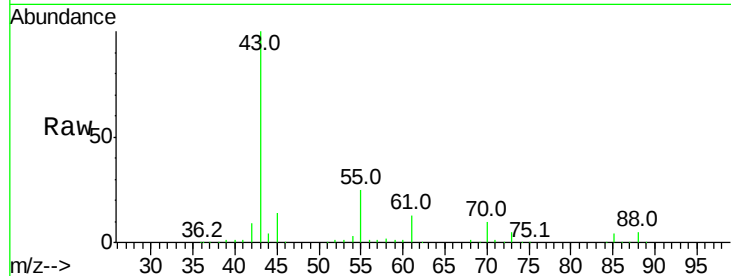
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	195399
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.7	16.1
70	10.6	8.3	12.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.955 ug/l

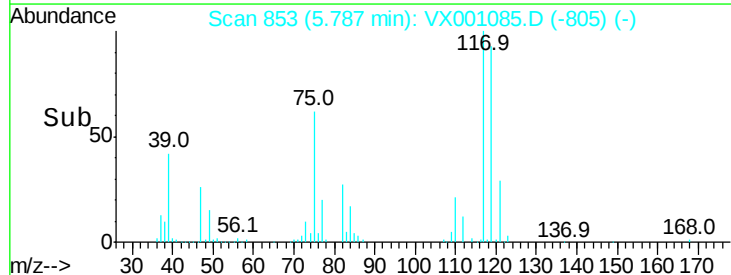
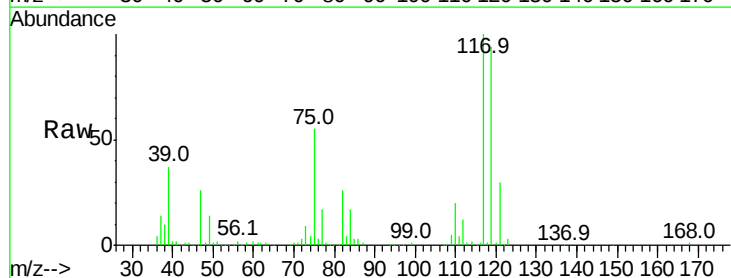
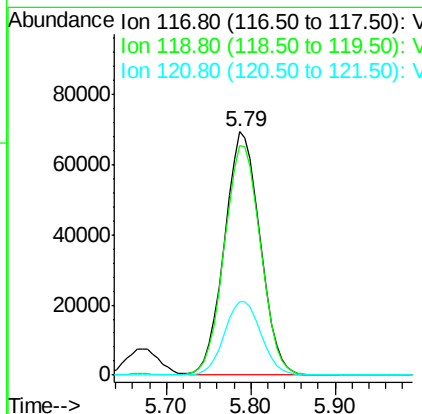
RT: 5.79 min Scan# 853

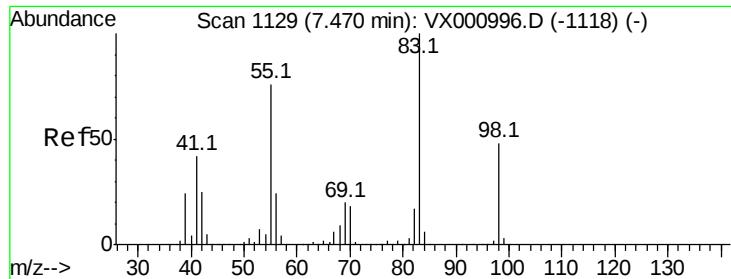
Delta R.T. -0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	117	Resp:	199583
Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.5	114.7
121	30.2	24.5	36.7





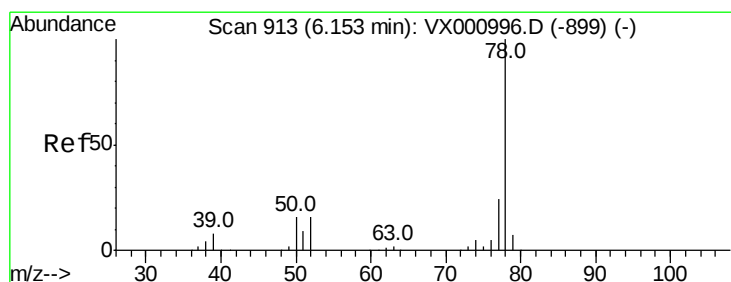
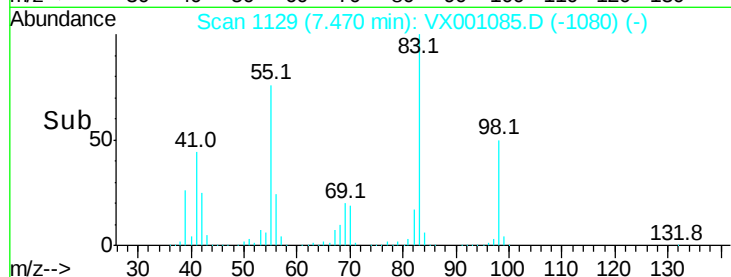
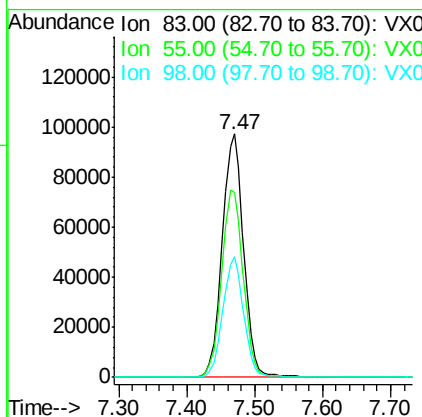
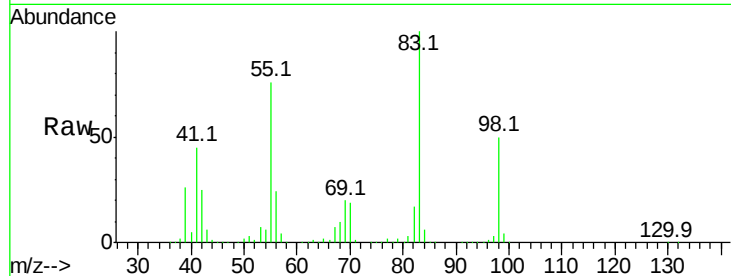
#39
Methvlcvclohexane
Concen: 45.331 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.7	60.6	91.0	
98	49.6	38.2	57.4	

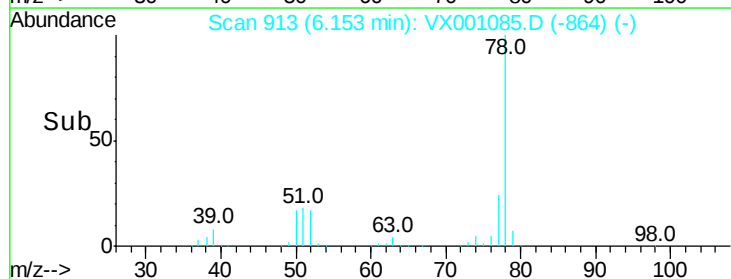
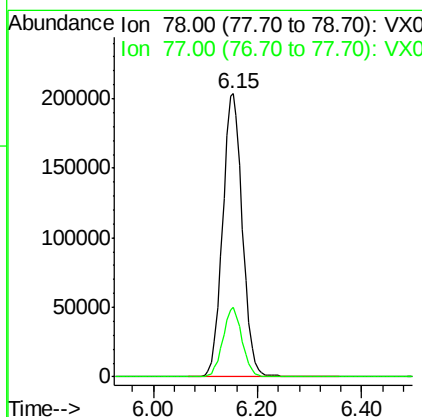
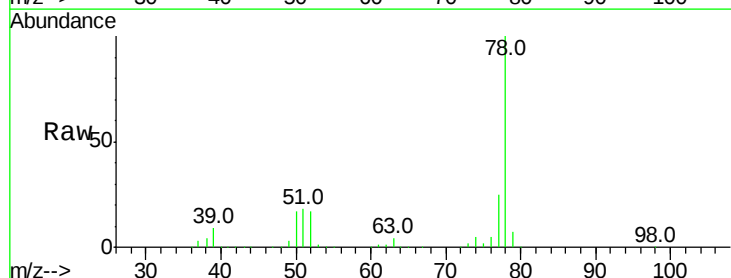
Manual Integrations
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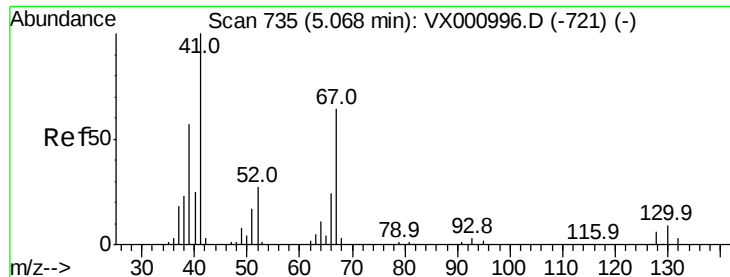
Sohil
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#40
Benzene
Concen: 48.746 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.6	18.9	28.3	





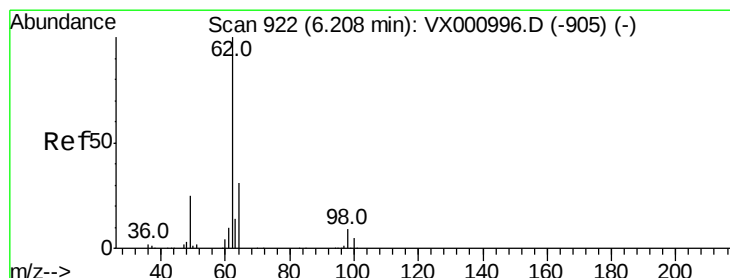
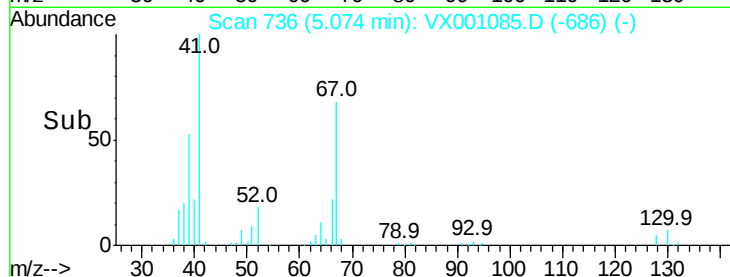
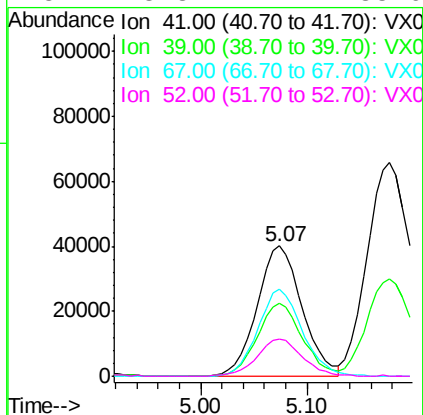
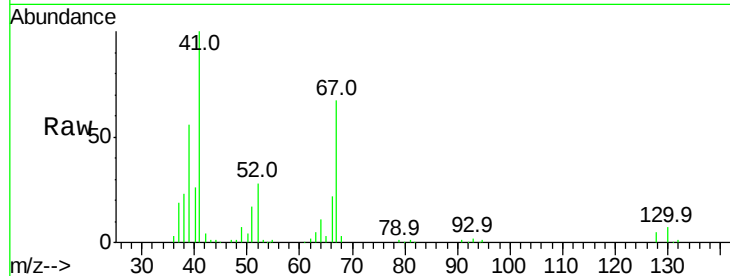
#41
Methacrylonitrile
Concen: 50.923 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	45.2	67.8	
67	66.5	53.8	80.8	
52	28.3	22.4	33.6	

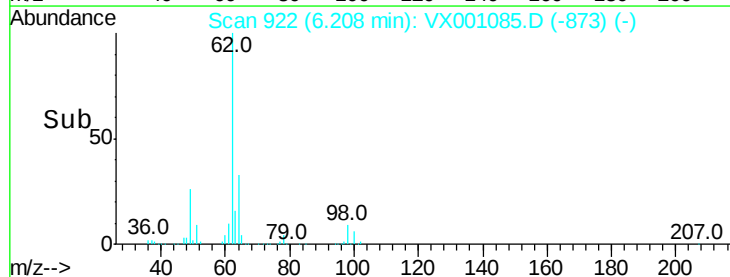
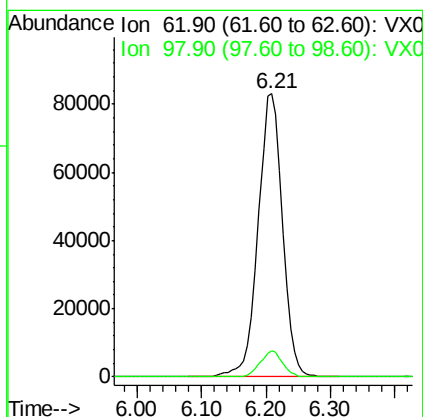
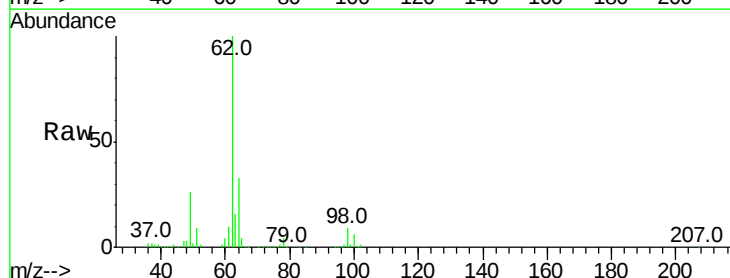
Manual Integrations
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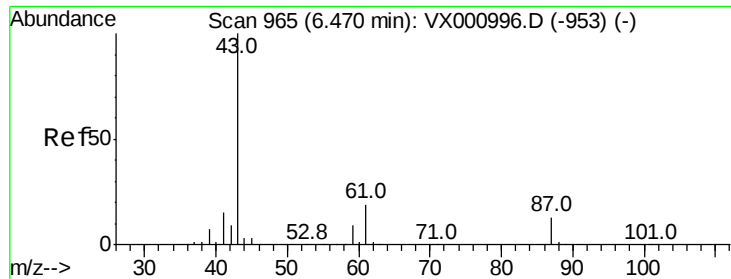
Sohil
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#42
1,2-Dichloroethane
Concen: 50.279 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





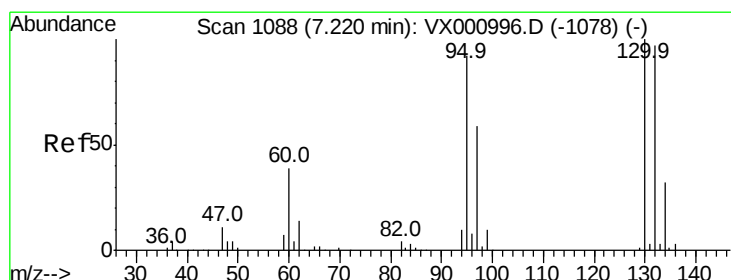
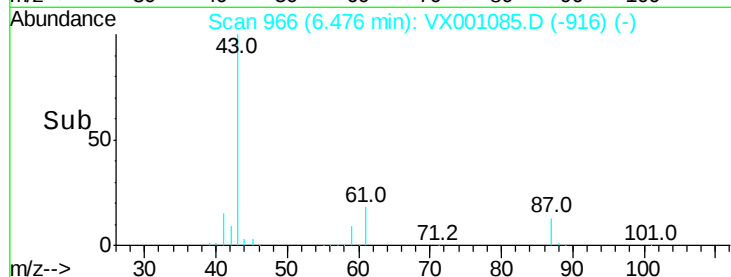
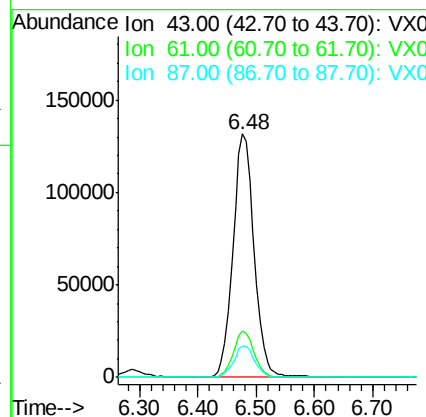
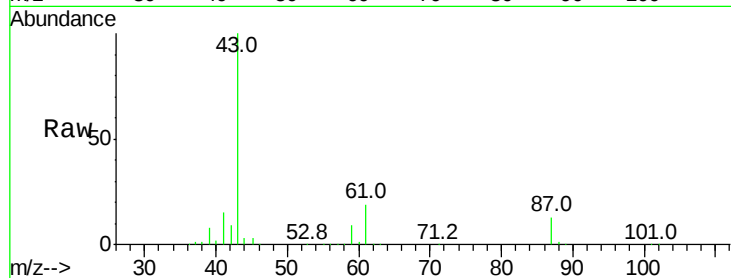
#43
Isopropyl Acetate
Concen: 52.297 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.2
87	13.0	10.6	15.8

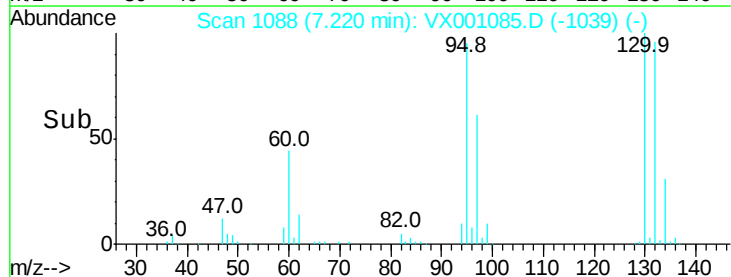
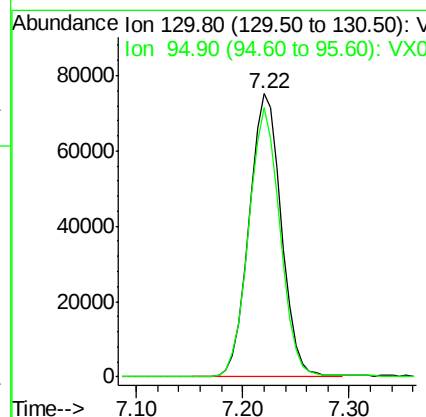
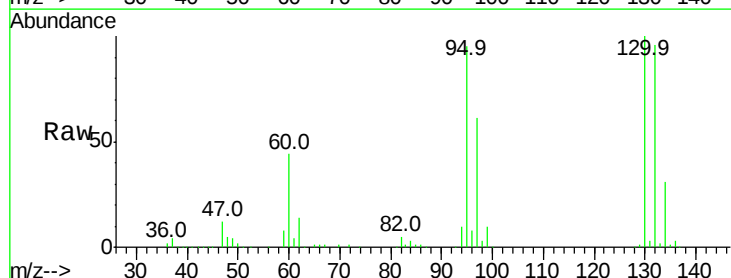
Manual Integrations
APPROVED

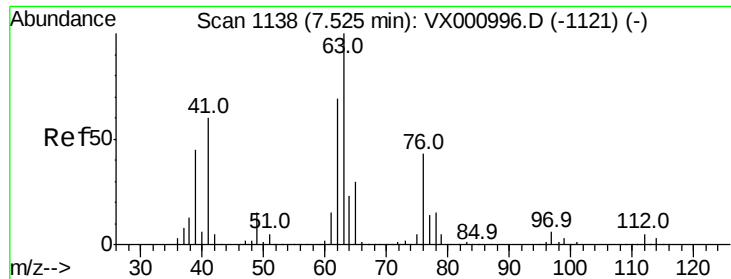
Sohil
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#44
Trichloroethene
Concen: 46.706 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	184.2





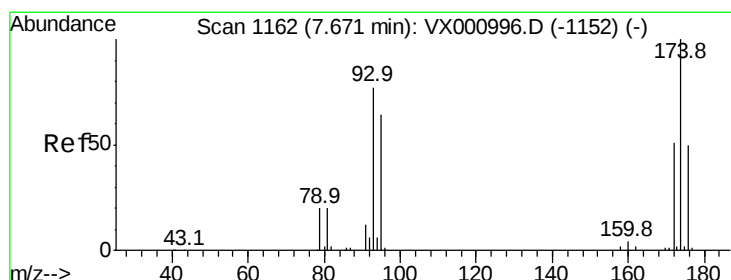
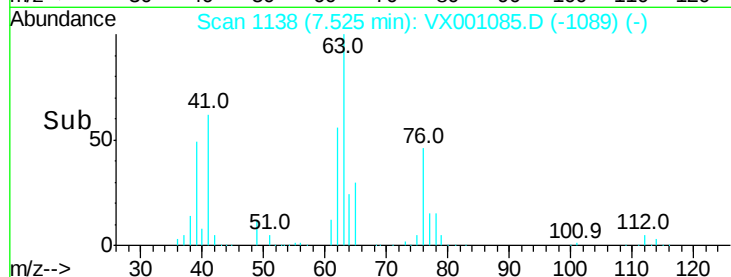
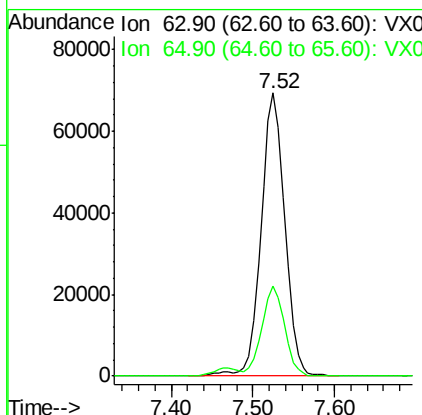
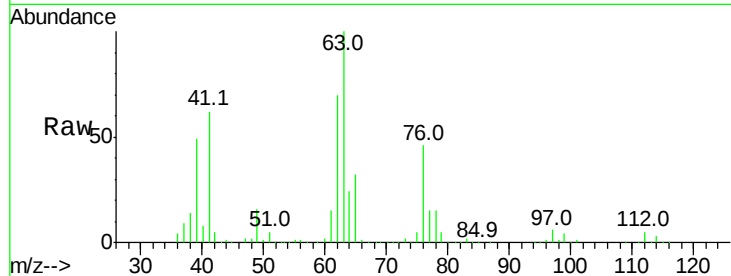
#45
 1,2-Dichloropropane
 Concen: 50.115 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 141056
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.4 36.6

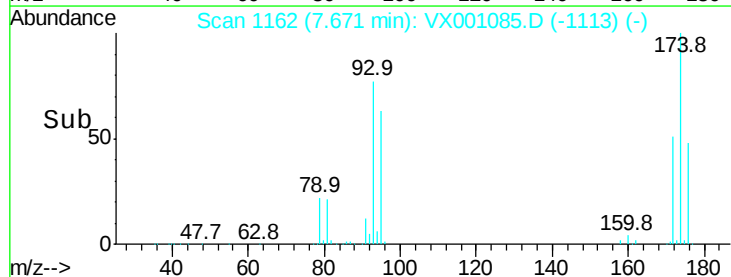
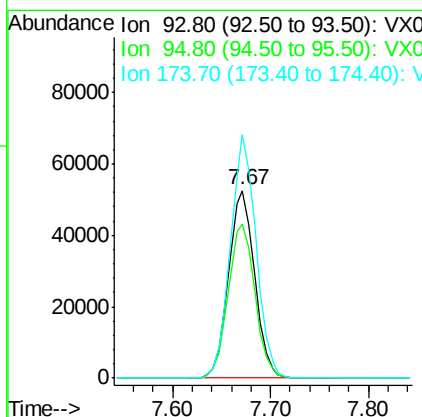
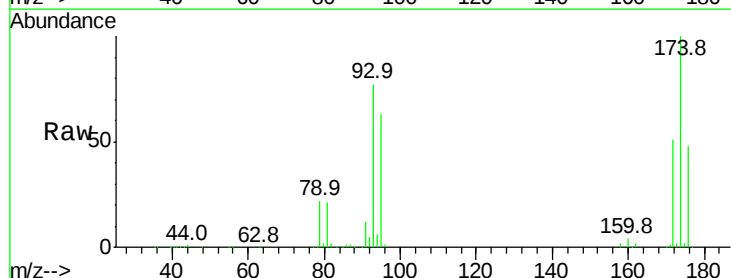
Manual Integrations
 APPROVED

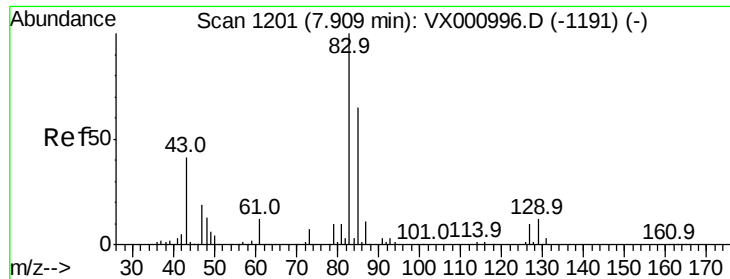
Sohil
 4/26/2018 4:06:17 AM



#46
 Dibromomethane
 Concen: 49.645 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion: 93 Resp: 97632
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 127.2 101.8 152.6





#47

Bromodichloromethane

Concen: 51.064 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

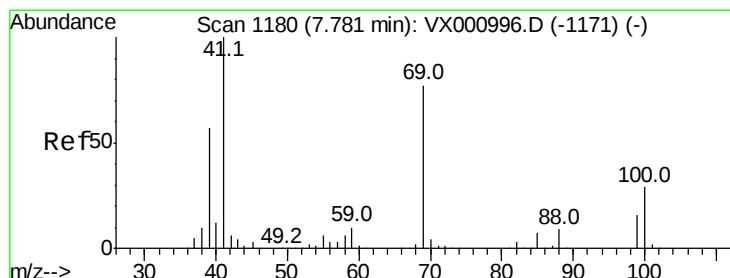
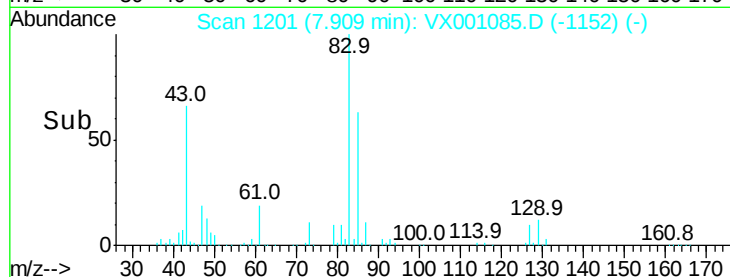
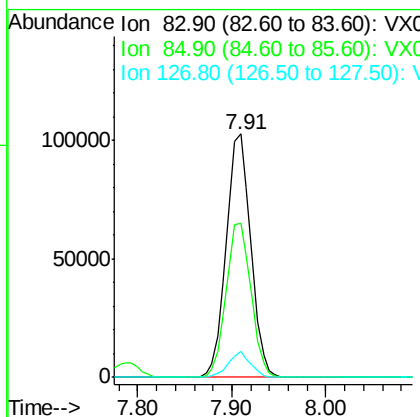
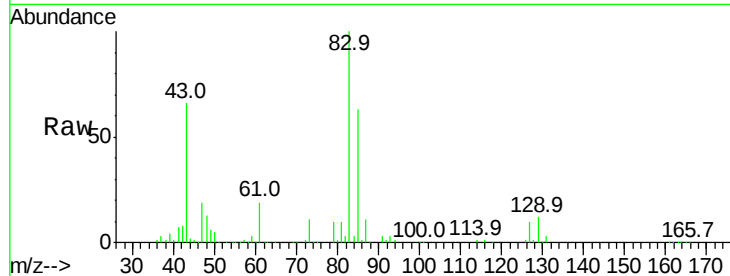
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	186034
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.3	78.5
127	10.5	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.988 ug/l

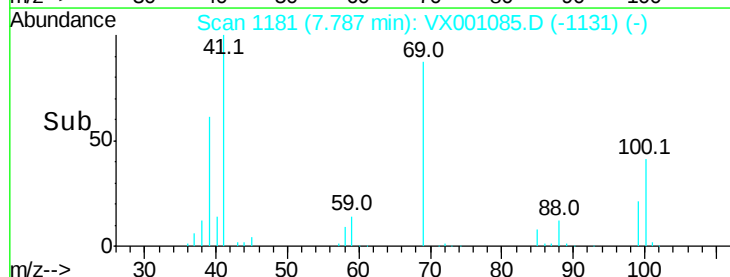
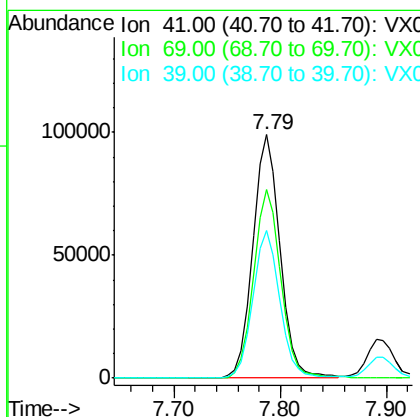
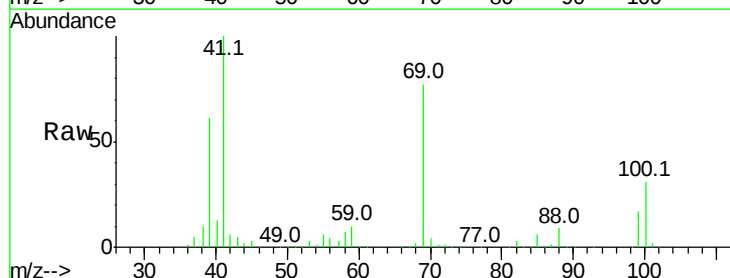
RT: 7.79 min Scan# 1181

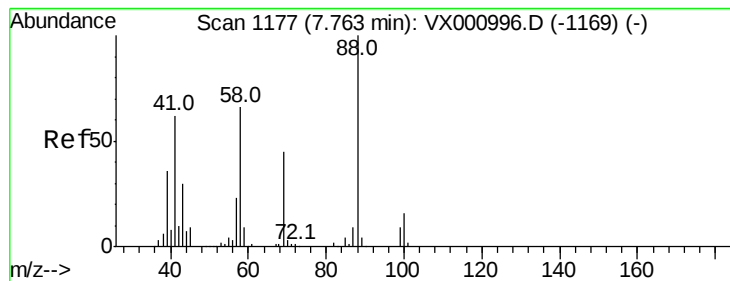
Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	41	Resp:	177371
Ion	Ratio	Lower	Upper
41	100		
69	78.1	62.6	94.0
39	60.3	45.3	67.9





#49

1,4-Dioxane

Concen: 1356.825 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

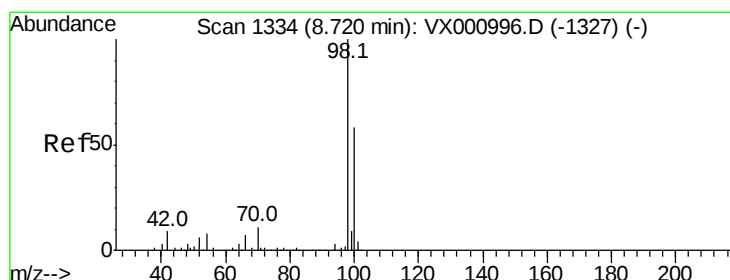
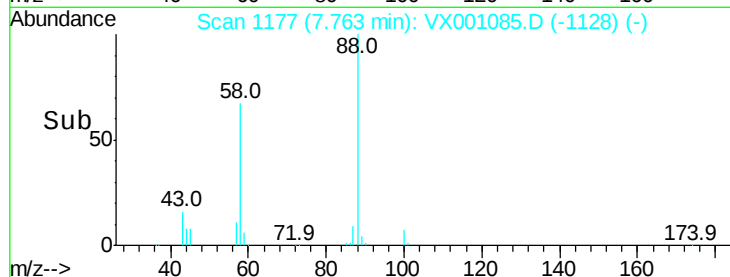
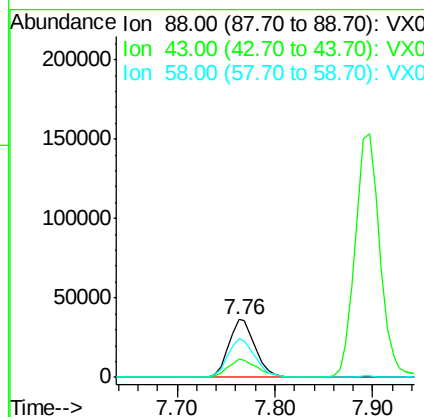
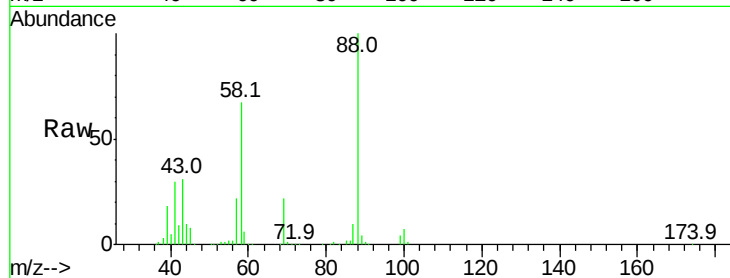
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	68074
Ion	Ratio	Lower	Upper
88	100		
43	34.9	29.2	43.8
58	69.6	55.0	82.6

Manual Integrations
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#50

Toluene-d8

Concen: 48.187 ug/l

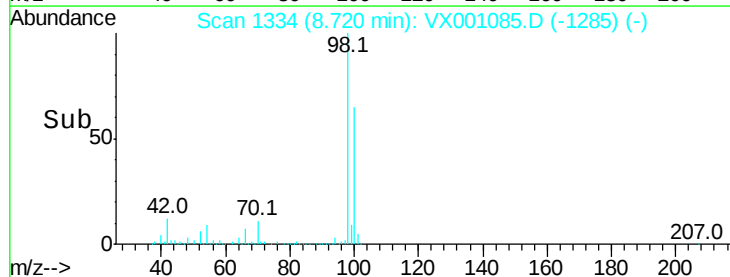
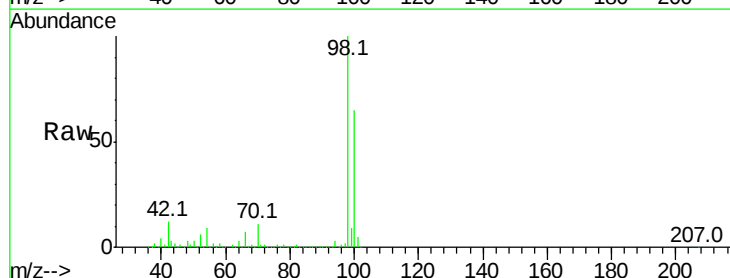
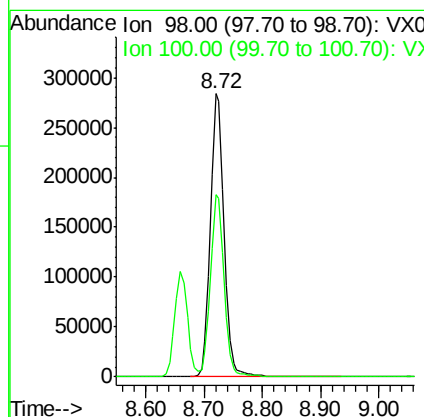
RT: 8.72 min Scan# 1334

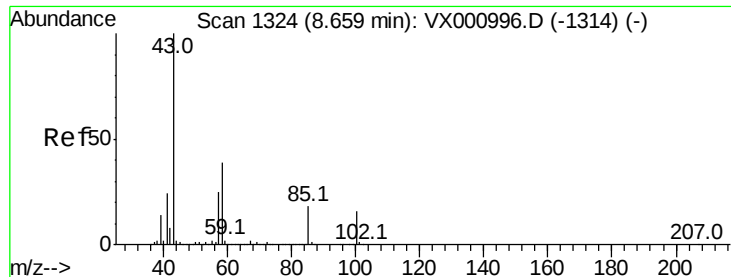
Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	98	Resp:	465515
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 282.917 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1088448

Ion Ratio Lower Upper

43 100

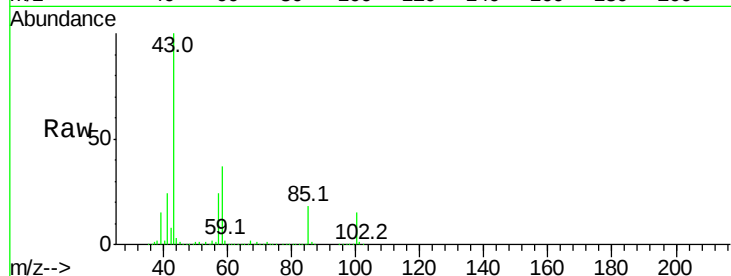
58 37.7 30.2 45.4

Manual Integrations

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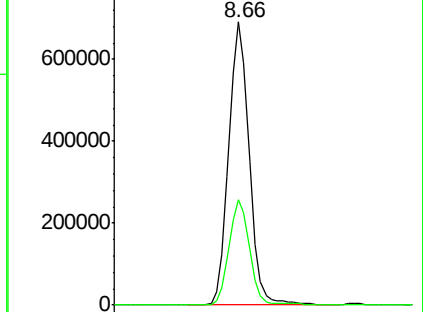
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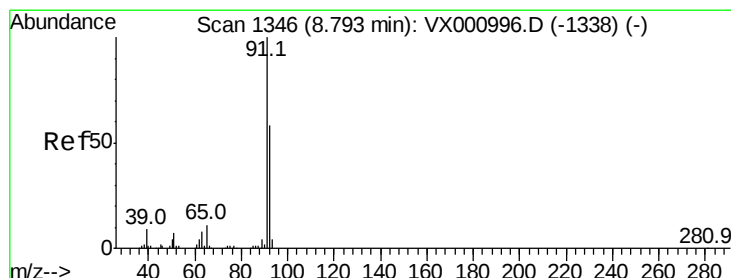
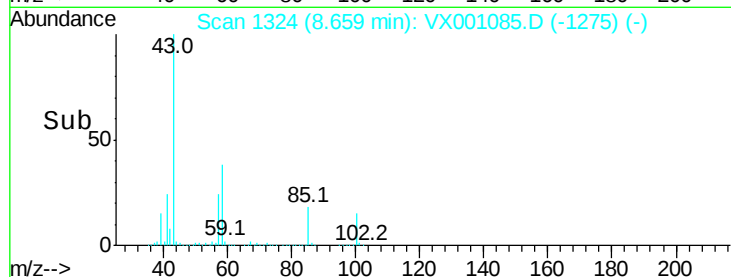


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.223 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001085.D

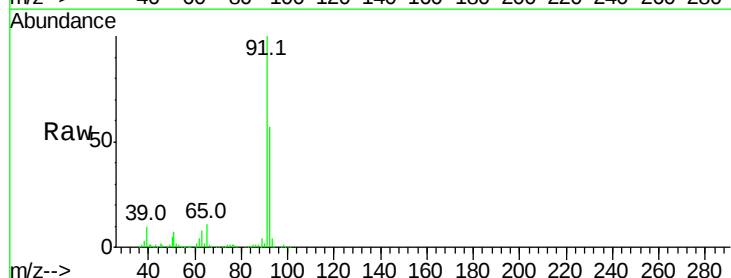
Acq: 24 Apr 2018 18:54

Tgt Ion: 92 Resp: 359620

Ion Ratio Lower Upper

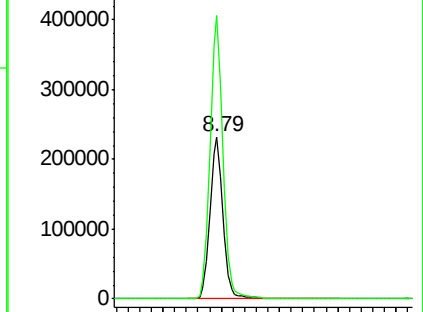
92 100

91 174.2 138.2 207.4

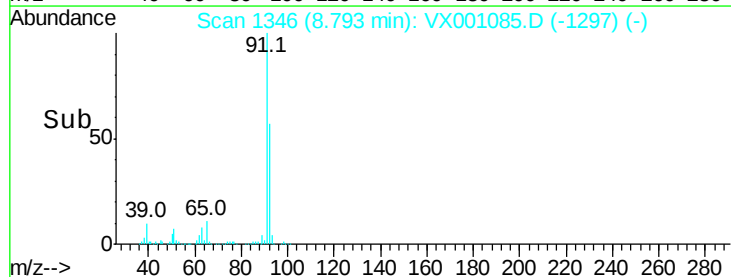


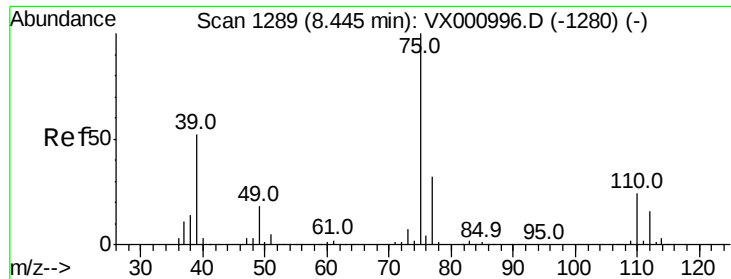
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 46.134 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tot Ion: 75 Resp: 201008

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

Instrument :

MSVOA_X

ClientSampleId :

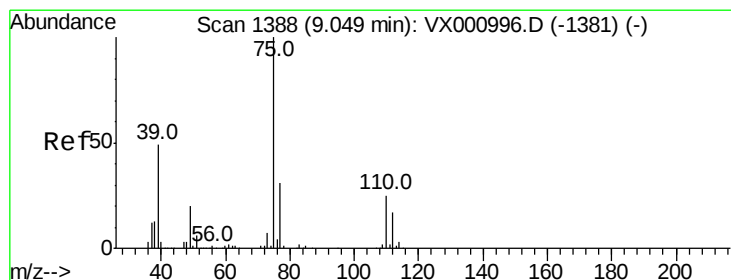
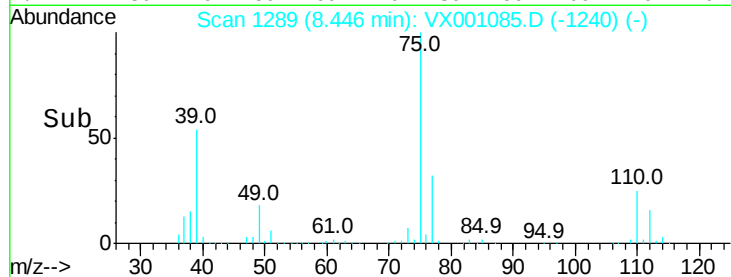
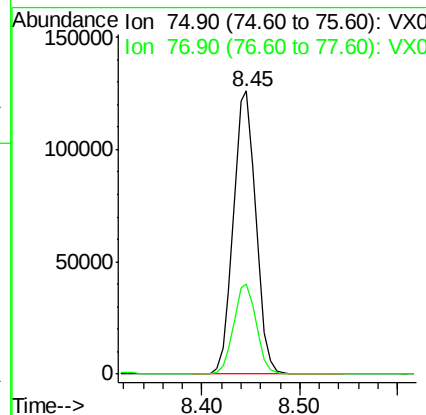
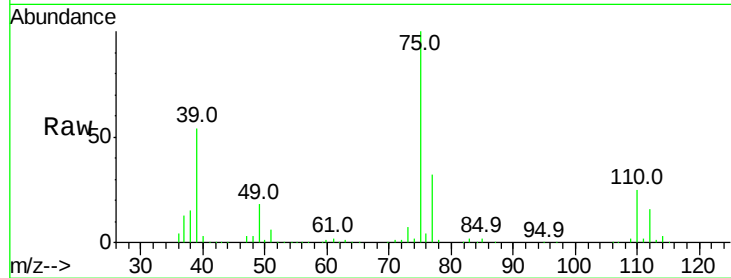
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.624 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

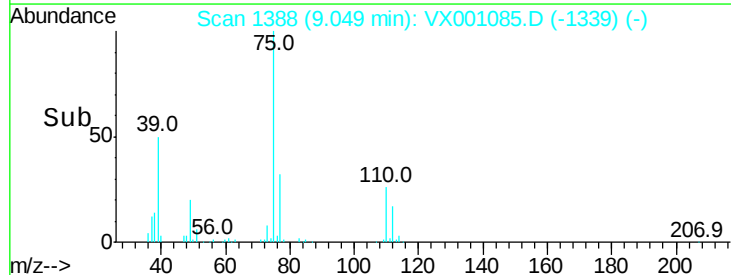
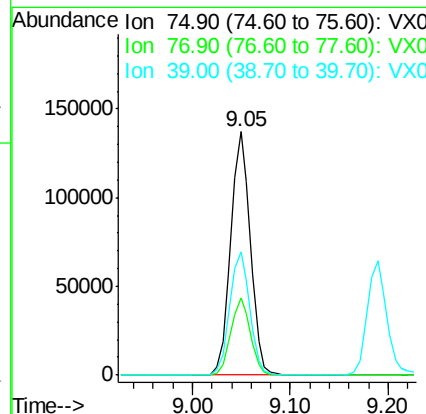
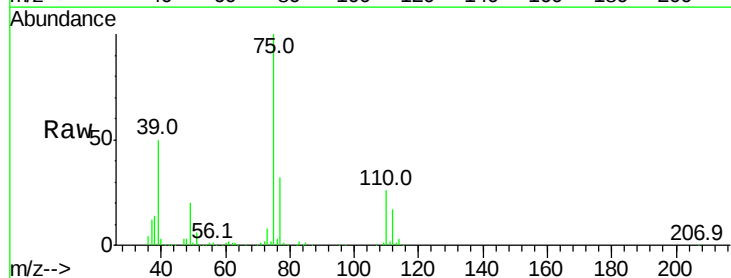
Tgt Ion: 75 Resp: 191557

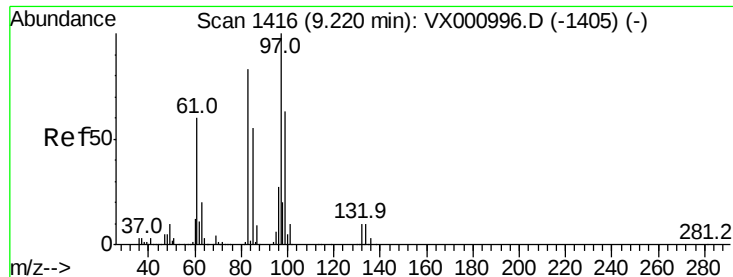
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 50.3 39.2 58.8





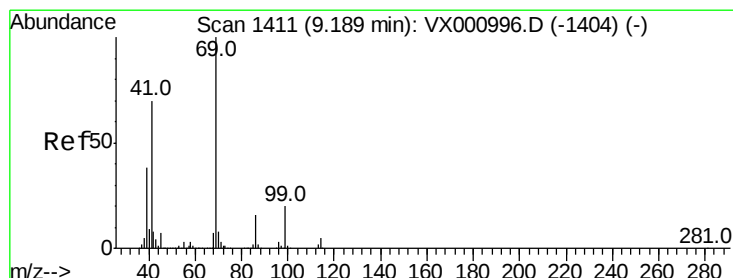
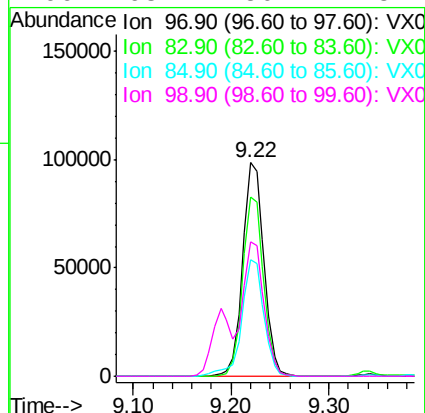
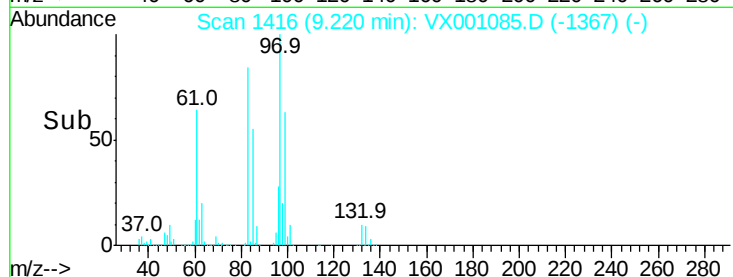
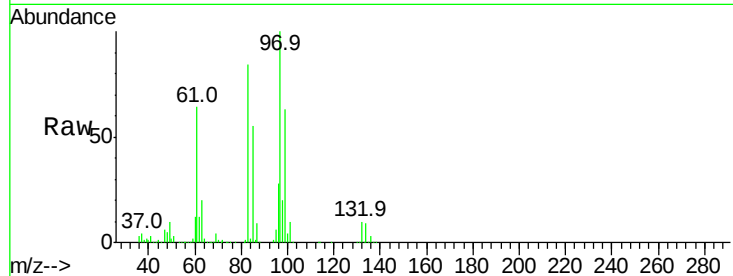
#55
 1,1,2-Trichloroethane
 Concen: 50.967 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	84.2	66.2	99.4		
85	54.7	44.2	66.4		
99	63.1	50.2	75.4		

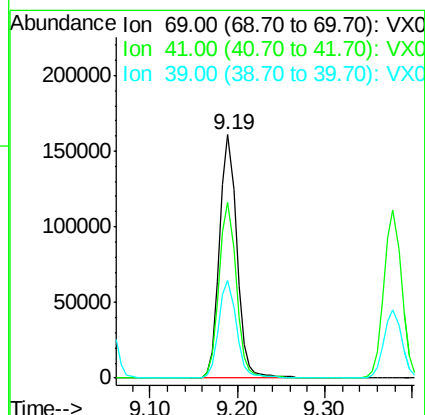
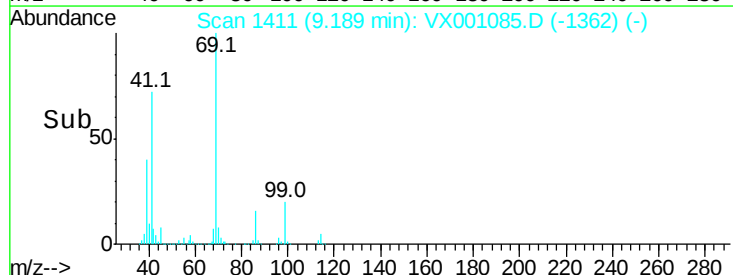
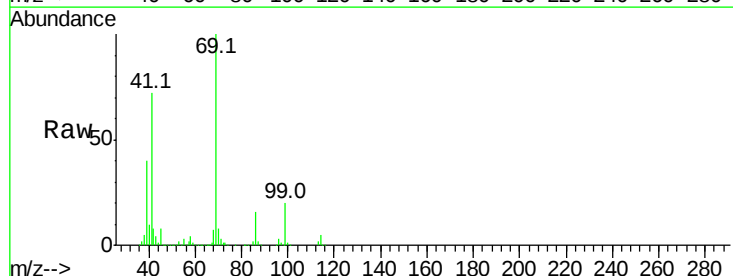
Manual Integrations
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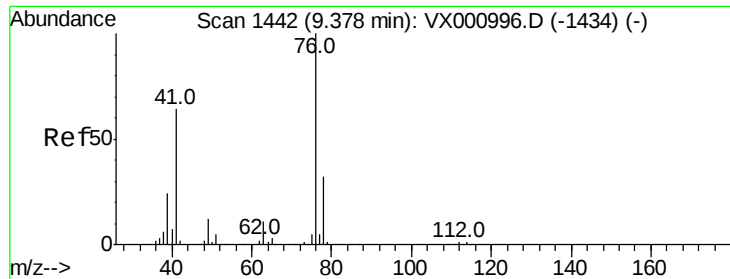
Sohil
 4/26/2018 4:06:17 AM



#56
 Ethyl methacrylate
 Concen: 52.057 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	71.9	56.3	84.5		
39	40.8	30.4	45.6		





#57

1,3-Dichloropropane

Concen: 50.243 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 241698

Ion Ratio Lower Upper

76 100

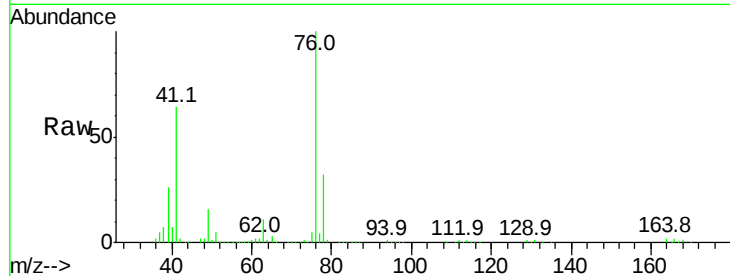
78 31.9 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

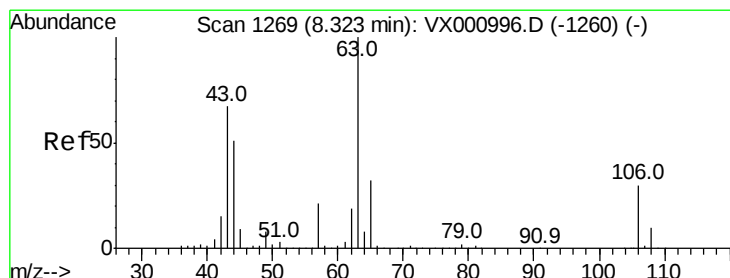
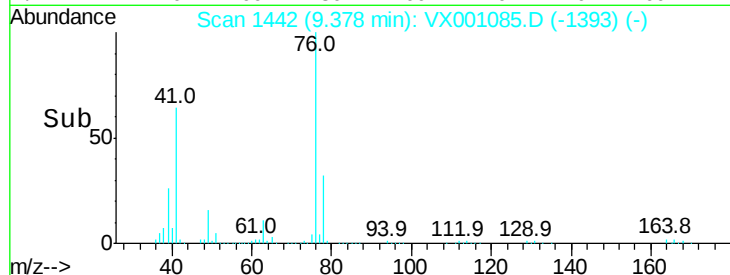
150000

100000

50000

0

Time--> 9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 262.160 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001085.D

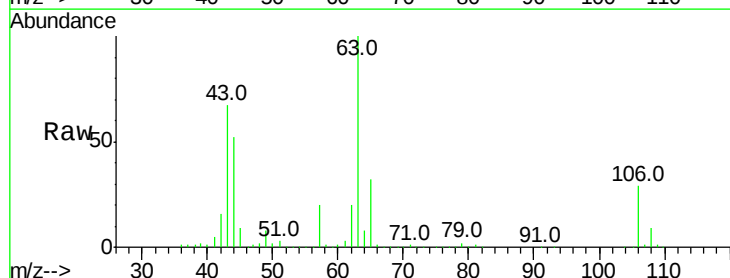
Acq: 24 Apr 2018 18:54

Tgt Ion: 63 Resp: 545707

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

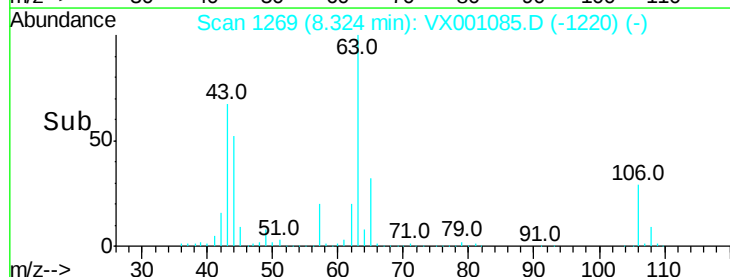
300000

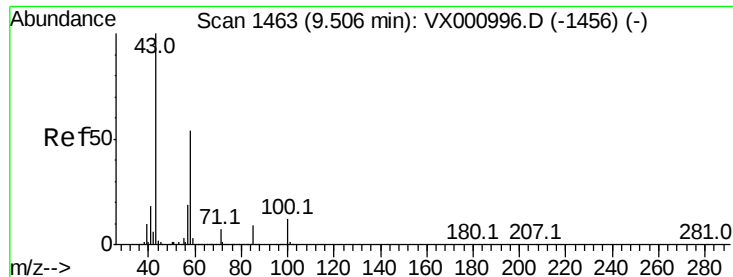
200000

100000

0

Time--> 8.20 8.30 8.40





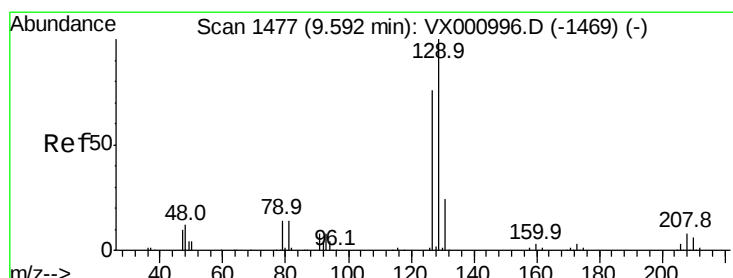
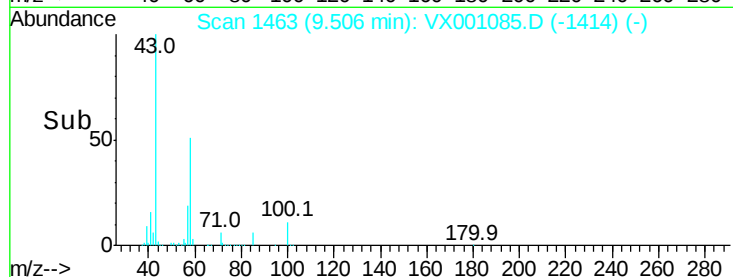
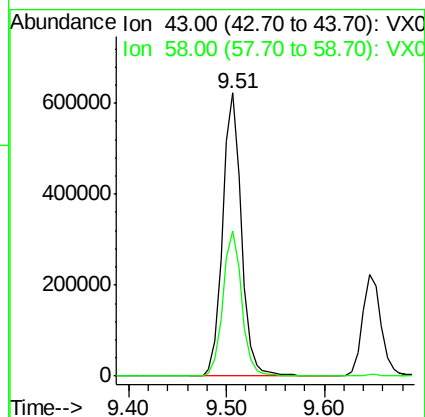
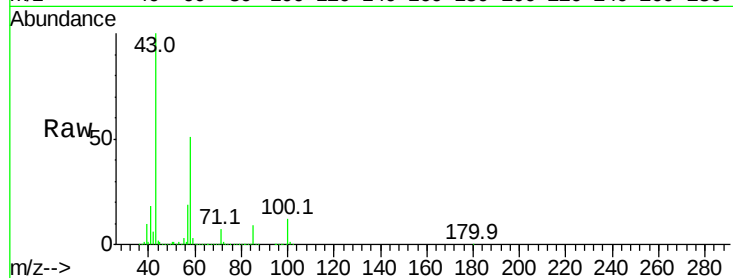
#59
2-Hexanone
Concen: 281.504 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.7	26.3	78.9

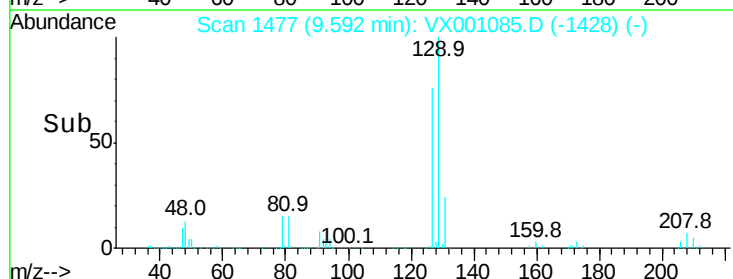
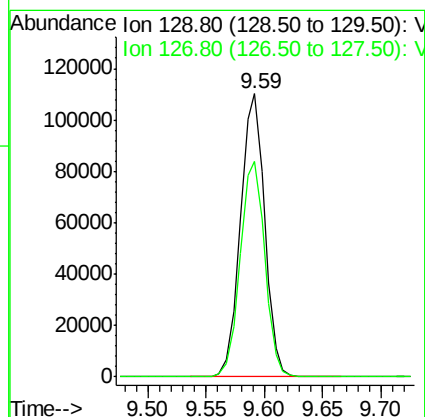
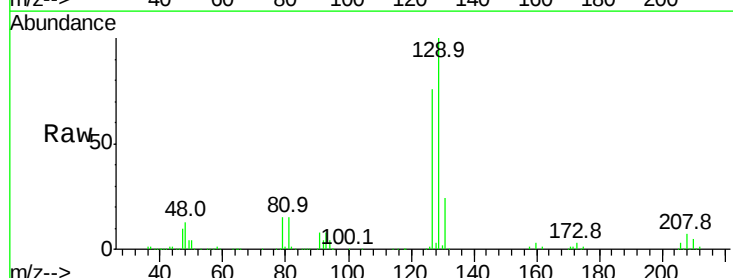
Manual Integrations
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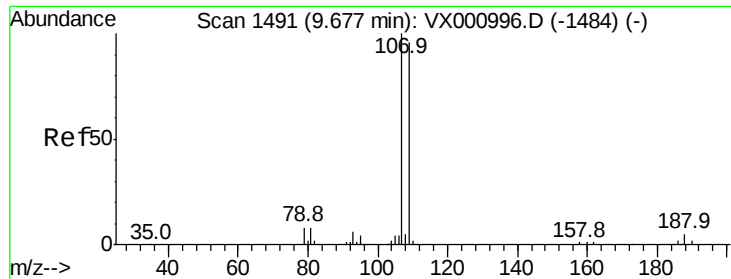
Sohil
4/26/2018 4:06:17 AM



#60
Dibromochloromethane
Concen: 52.419 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	115.8





#61

1,2-Dibromoethane

Concen: 51.563 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 158019

Ion Ratio Lower Upper

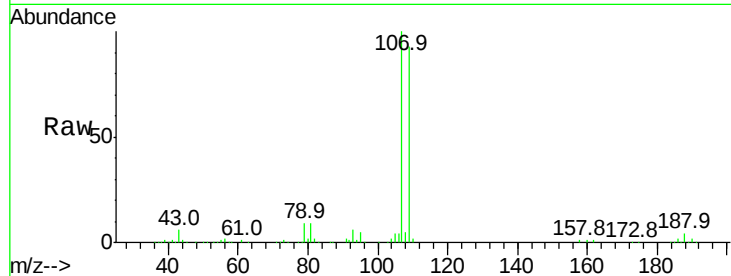
107 100

109 94.7 76.0 114.0

Manual Integrations
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Sohil

4/26/2018 4:06:17 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

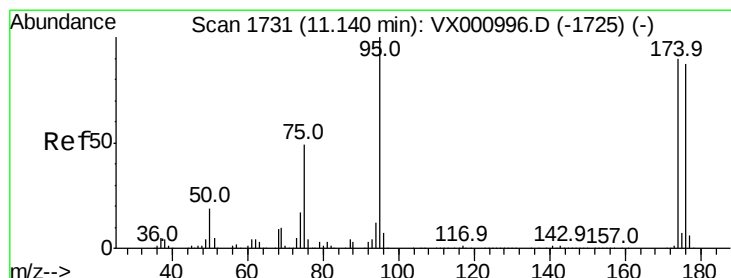
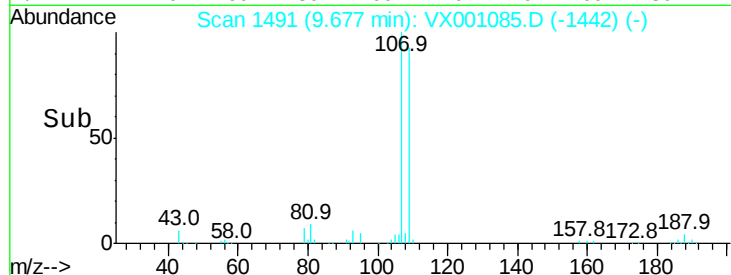
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.177 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

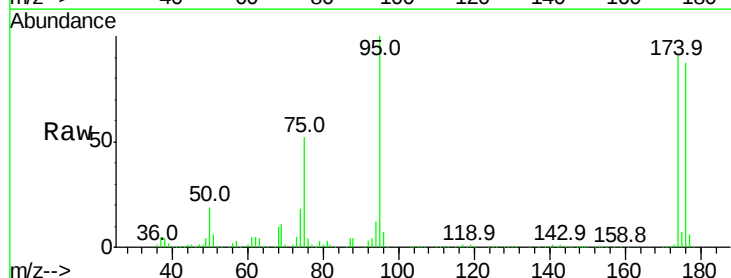
Tgt Ion: 95 Resp: 191269

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

176 95.5 0.0 192.0



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

200000

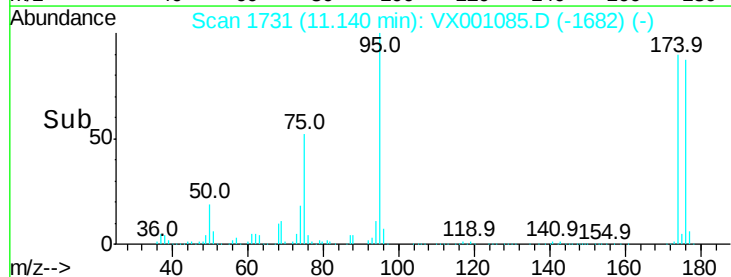
150000

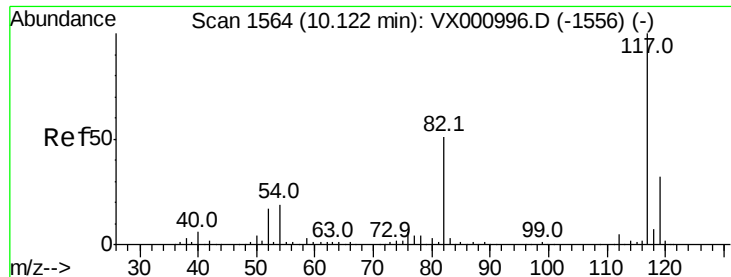
100000

50000

0

Time-->





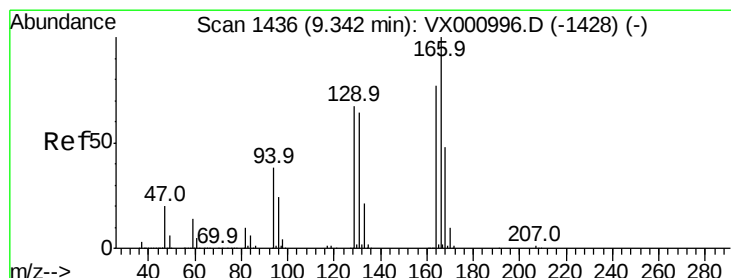
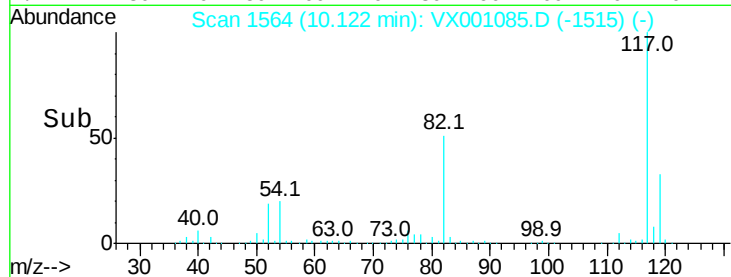
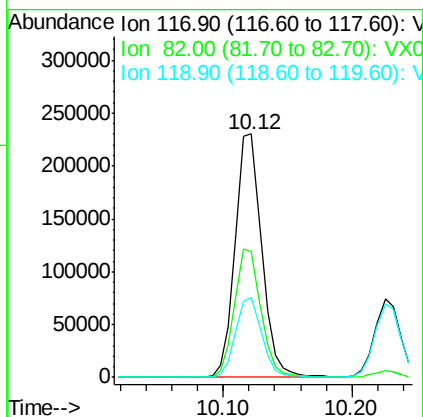
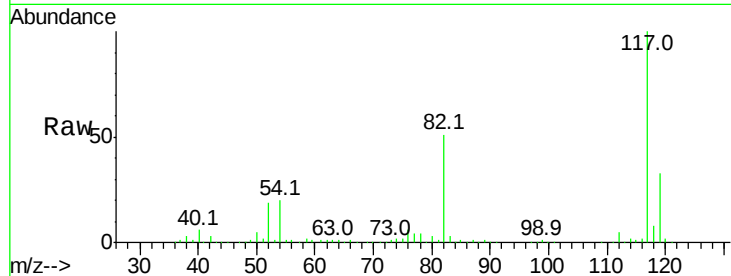
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.6	60.8
119	32.8	26.0	39.0

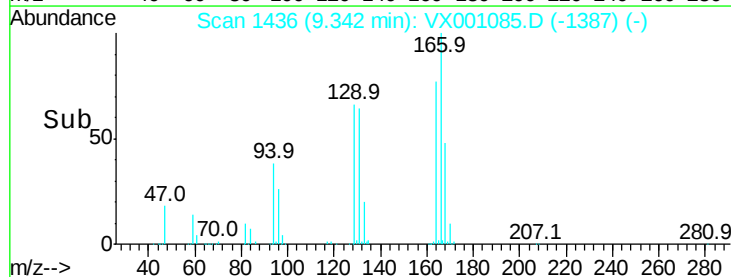
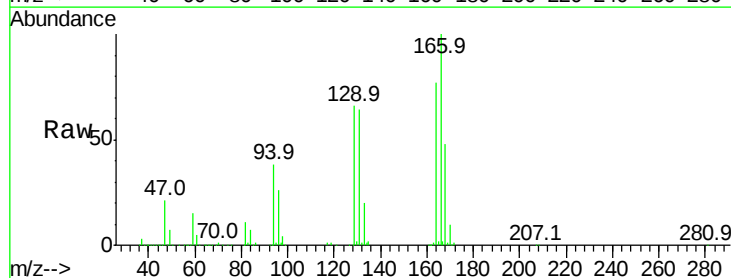
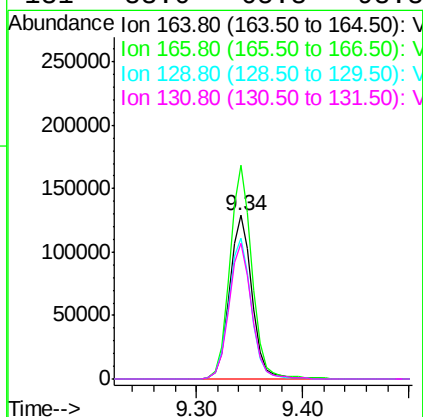
Manual Integrations
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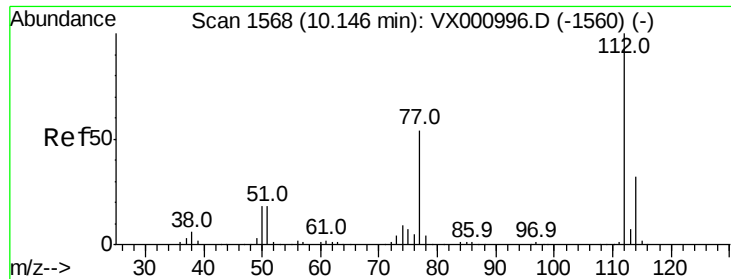
Sohil
4/26/2018 4:06:17 AM



#64
Tetrachloroethene
Concen: 54.320 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	103.5	155.3
129	86.4	69.6	104.4
131	83.0	65.8	98.8





#65

Chlorobenzene

Concen: 47.490 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 421530

Ion Ratio Lower Upper

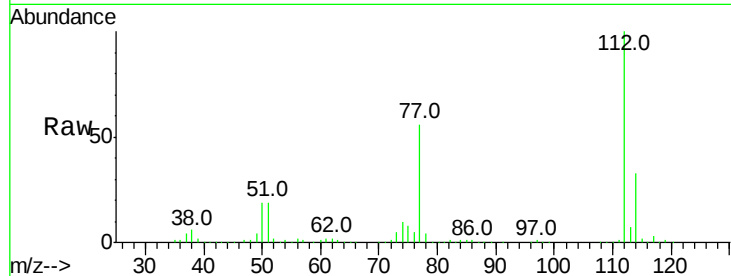
112 100

114 32.6 25.5 38.3

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

Ion 113.90 (113.60 to 114.60): V

10.15

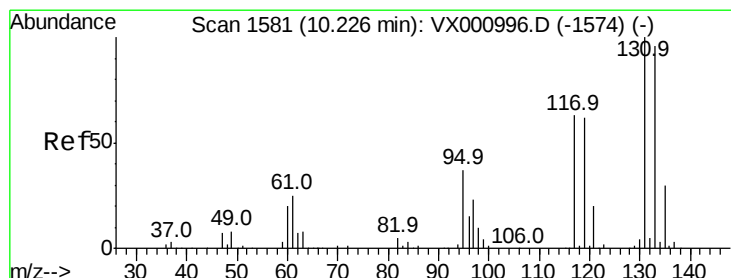
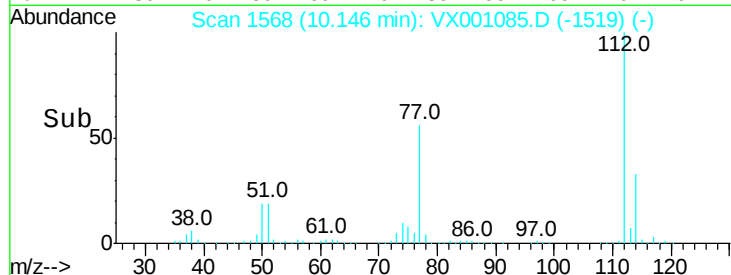
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 50.907 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

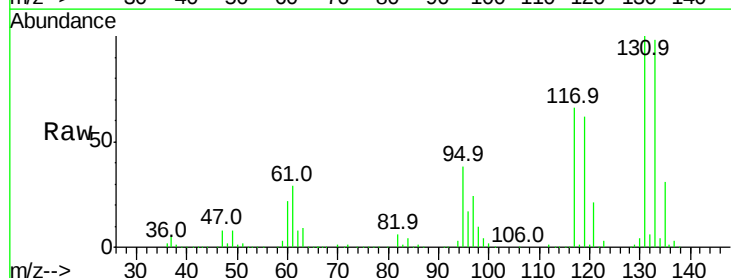
Tgt Ion:131 Resp: 155090

Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.8

119 62.1 31.1 93.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

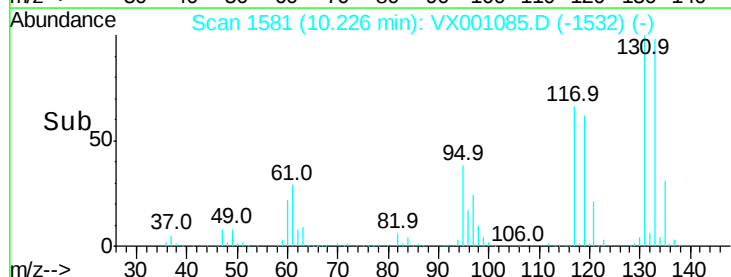
150000

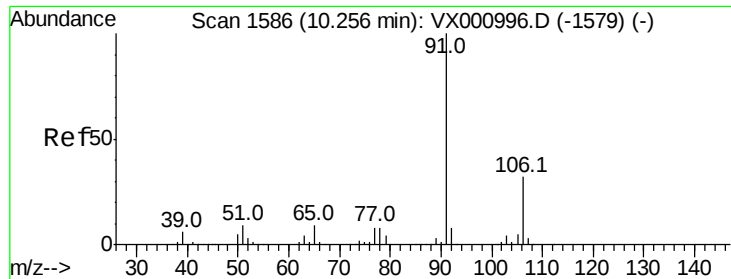
100000

50000

0

Time--> 10.20 10.30





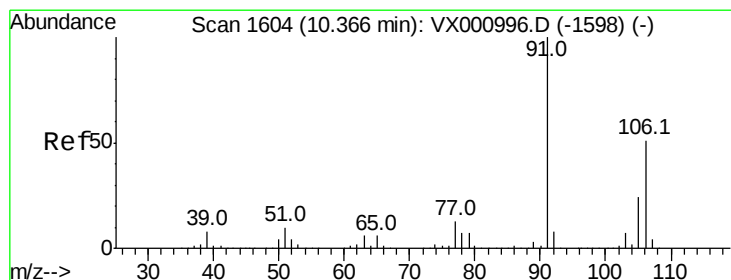
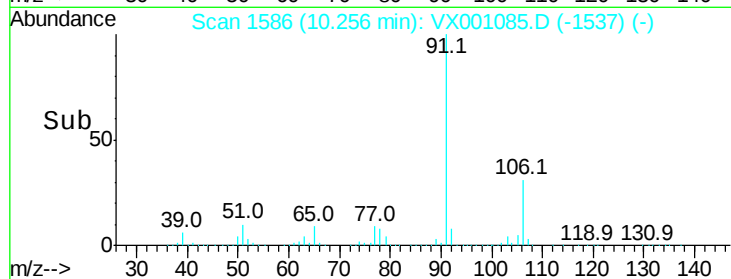
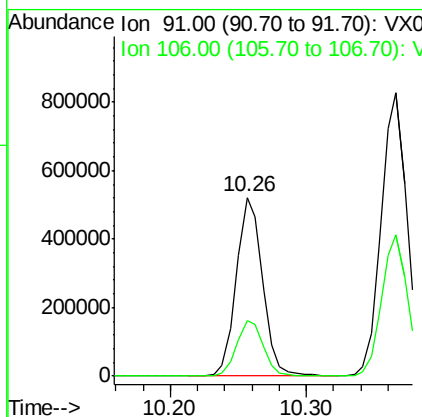
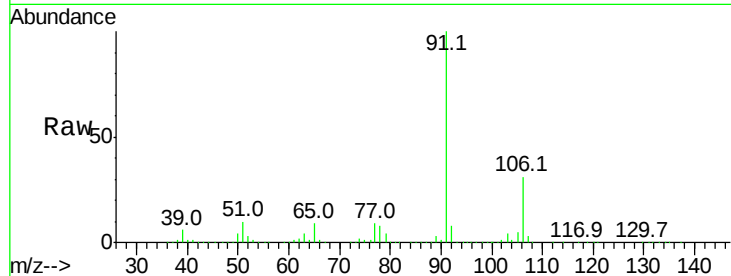
#67
Ethyl Benzene
Concen: 47.609 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 701762
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

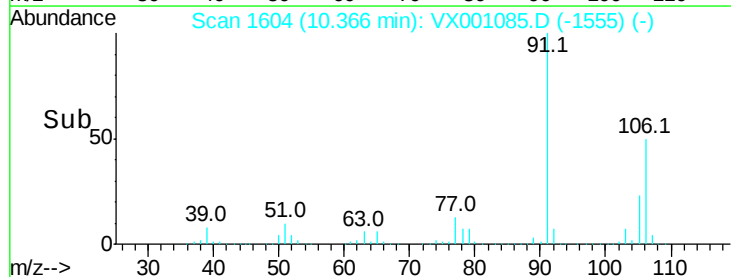
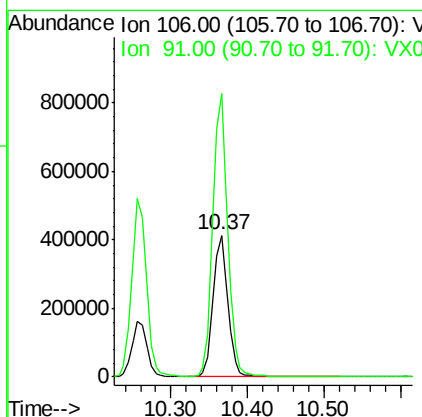
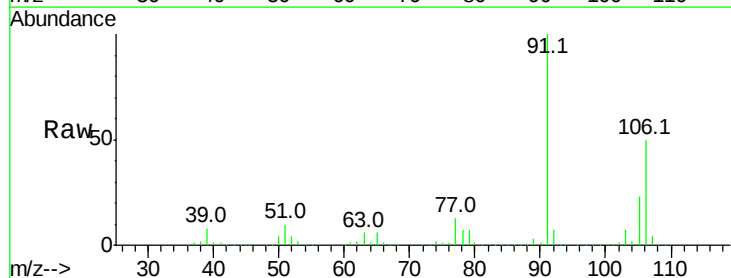
Manual Integrations
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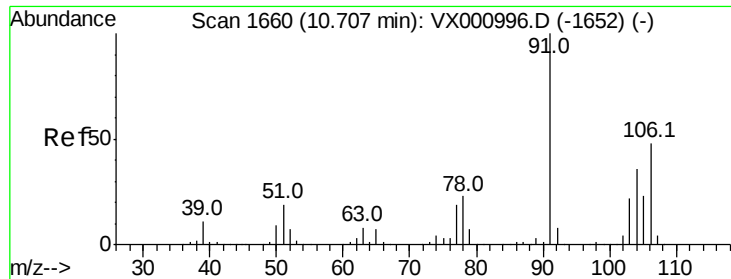
Sohil
4/26/2018 4:06:17 AM



#68
m/p-Xylenes
Concen: 96.071 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion: 106 Resp: 558128
Ion Ratio Lower Upper
106 100
91 200.9 159.3 238.9





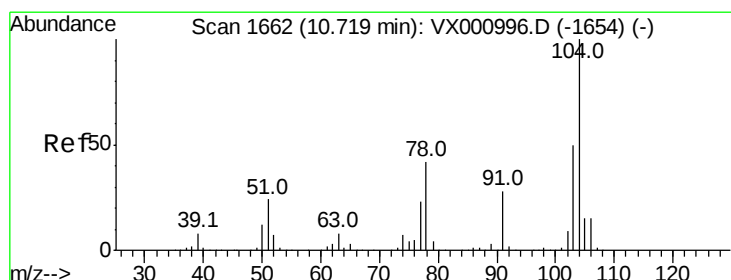
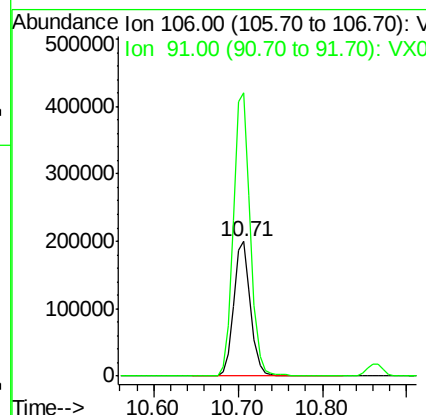
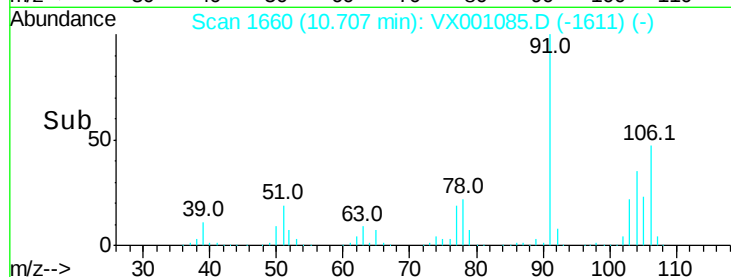
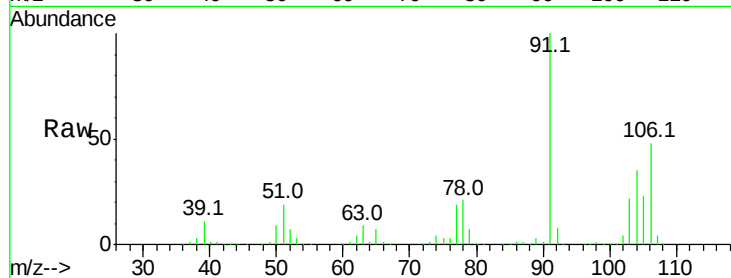
#69
o-Xylene
Concen: 48.500 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 271639
Ion Ratio Lower Upper
106 100
91 212.9 105.1 315.1

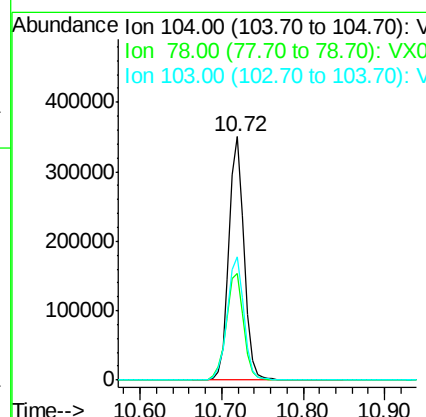
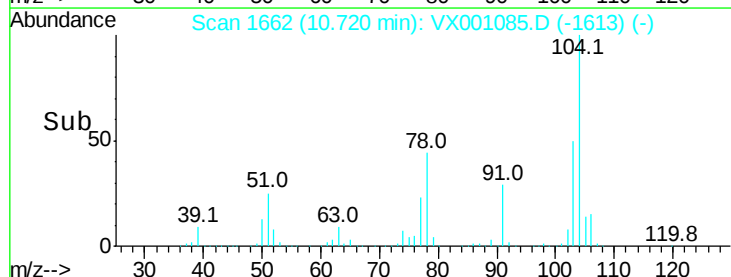
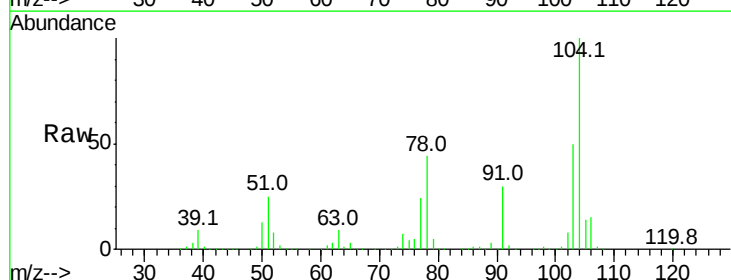
Manual Integrations
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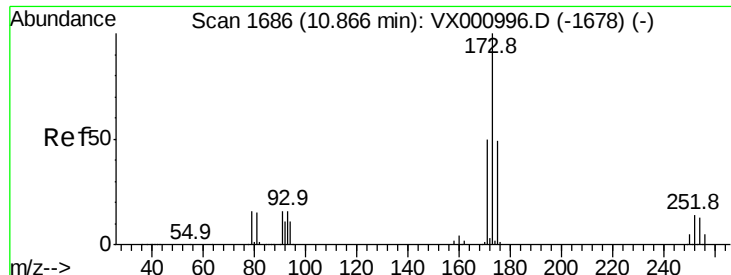
Sohil
4/26/2018 4:06:17 AM



#70
Styrene
Concen: 48.965 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion:104 Resp: 451656
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.8 44.2 66.2





#71

Bromoform

Concen: 46.946 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

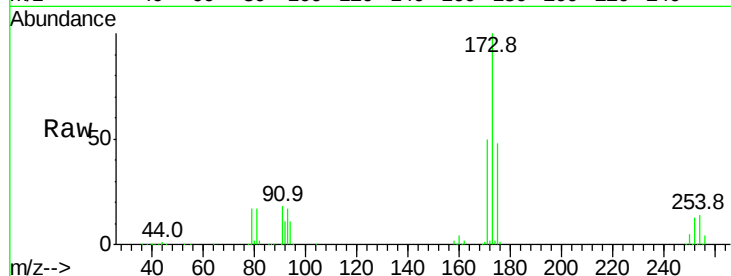
ClientSampleId :

VSTDCCC050EC

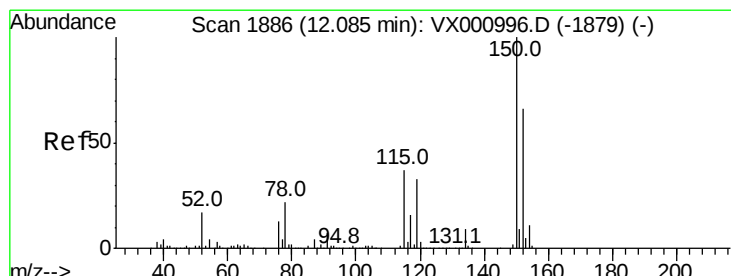
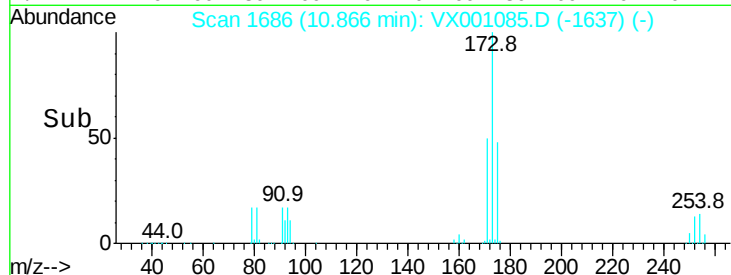
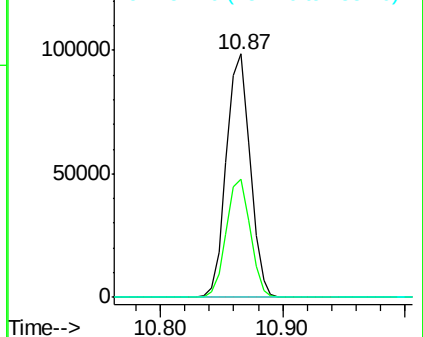
Tot Ion:	173	Resp:	132661
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.8	74.3
254	0.2	0.2	0.2

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: 12.09 min Scan# 1886

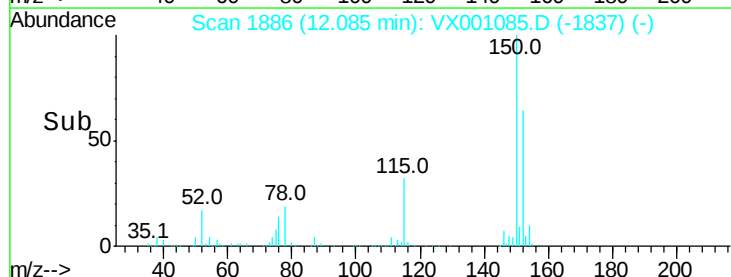
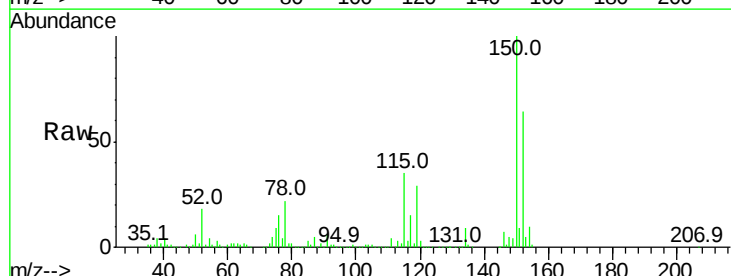
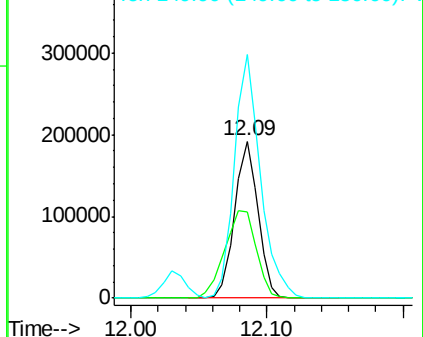
Delta R.T. 0.00 min

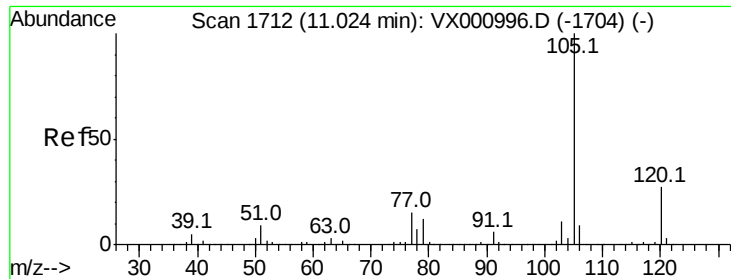
Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	152	Resp:	229939
Ion Ratio	Lower	Upper	
152	100		
115	75.4	38.2	114.6
150	173.1	0.0	350.4

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: 49.032 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tot Ion: 105 Resp: 737070

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2

Instrument :

MSVOA_X

ClientSampleId :

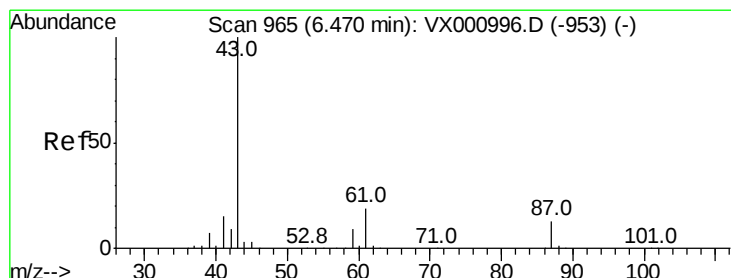
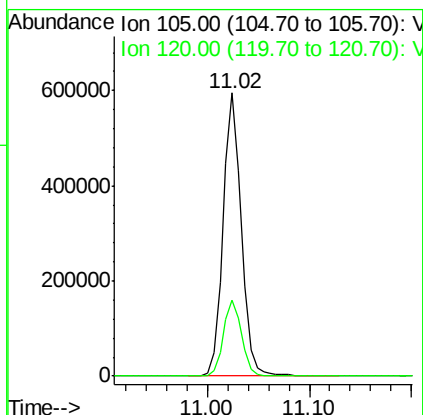
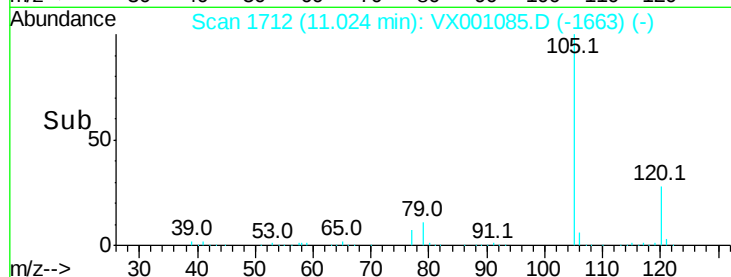
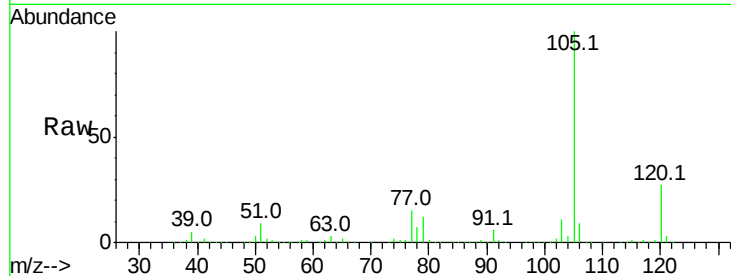
VSTDCCC050EC

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.531 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion: 43 Resp: 331372

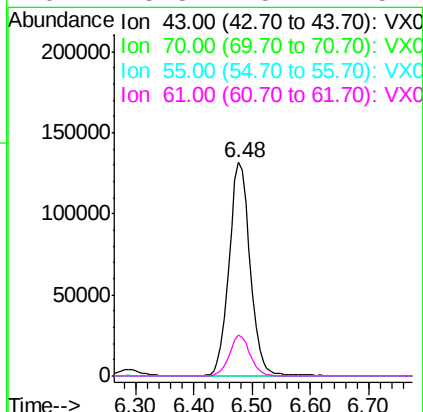
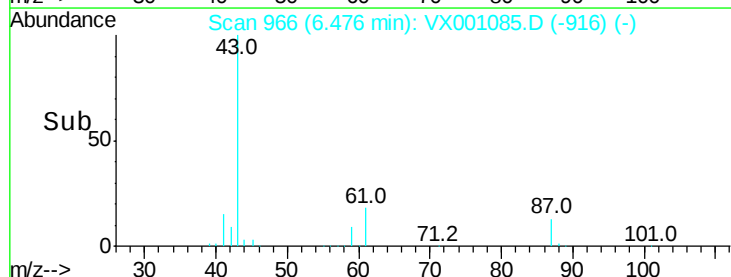
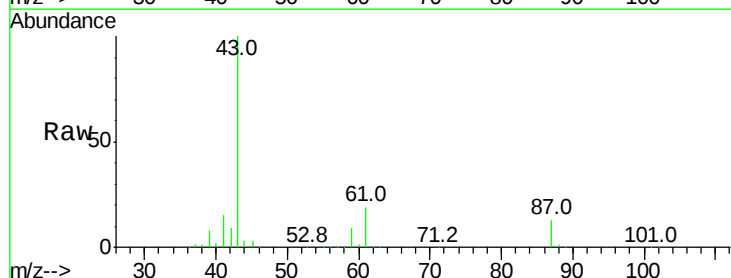
Ion Ratio Lower Upper

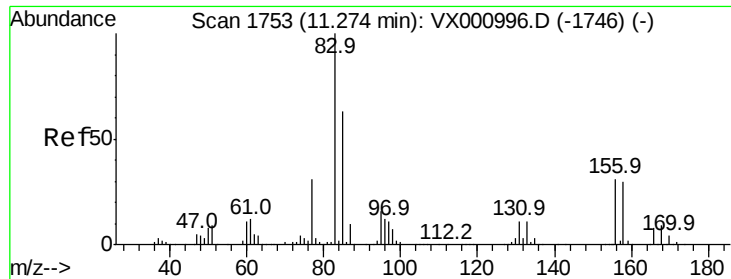
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.8 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.393 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 227215

Ion Ratio Lower Upper

83 100

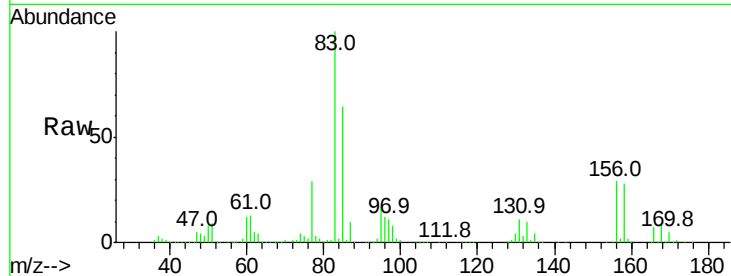
131 11.6 5.8 17.4

85 64.1 32.0 96.2

Manual Integrations
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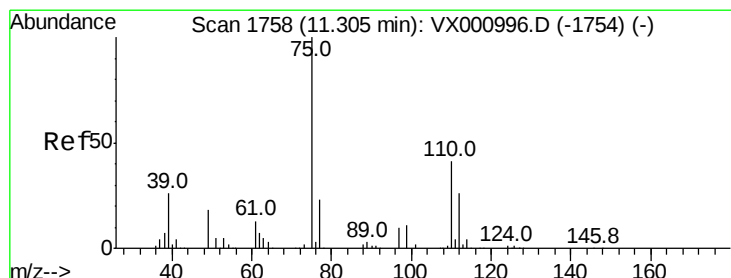
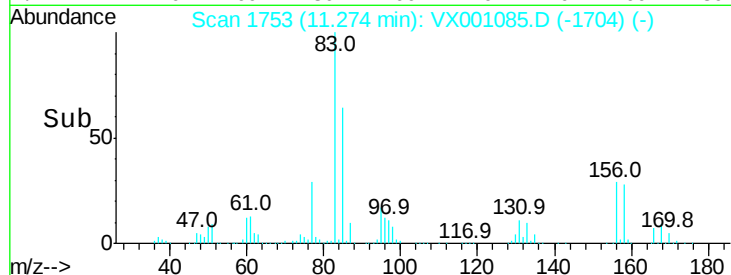
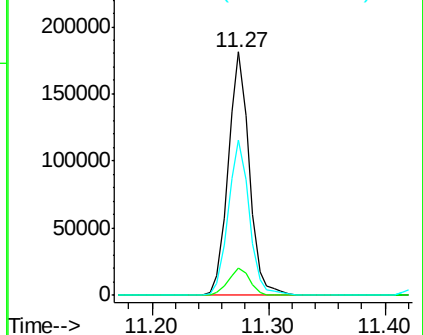
4/26/2018 4:06:17 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.000 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001085.D

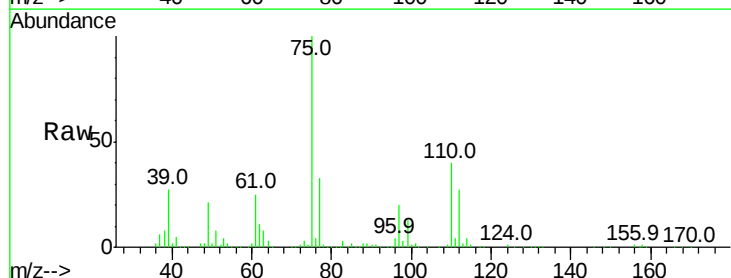
Acq: 24 Apr 2018 18:54

Tgt Ion: 75 Resp: 207448

Ion Ratio Lower Upper

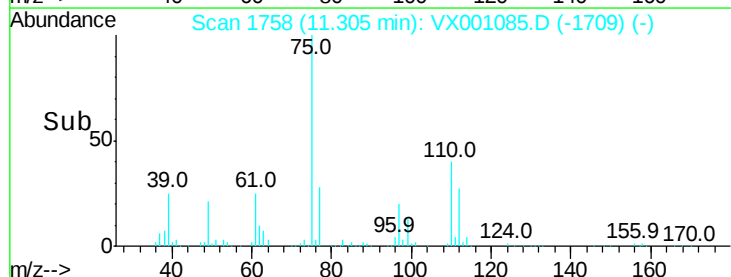
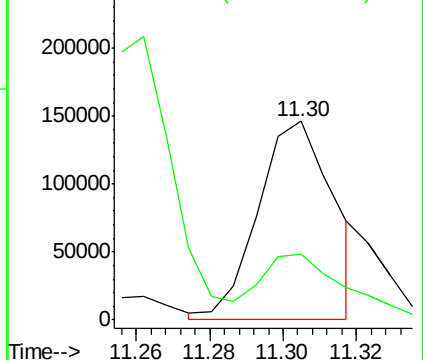
75 100

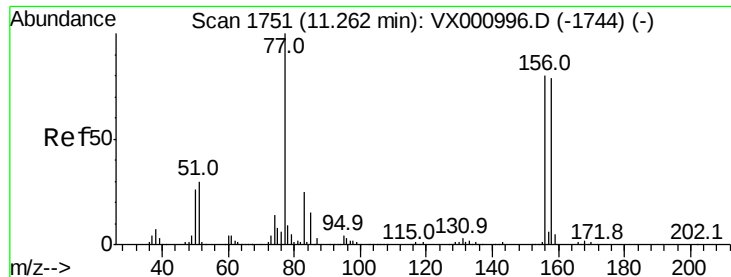
77 37.5 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.921 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

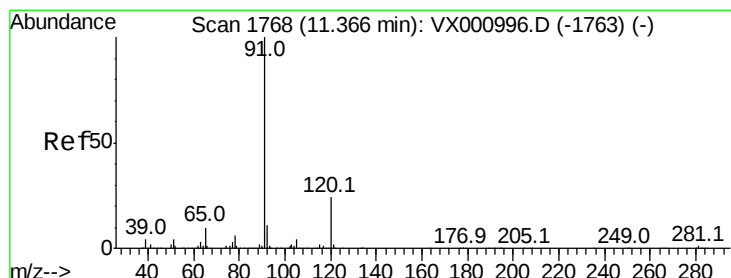
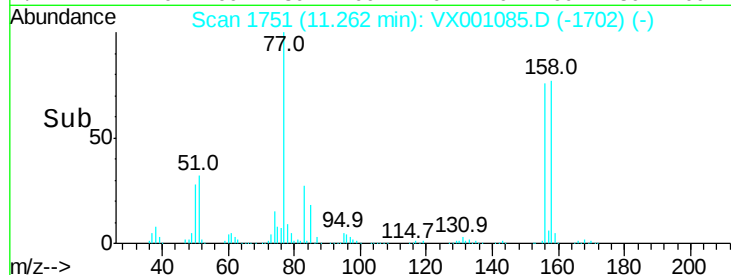
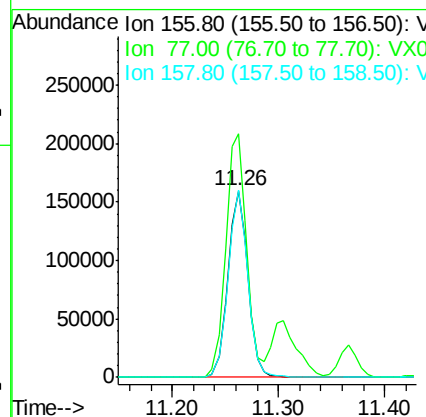
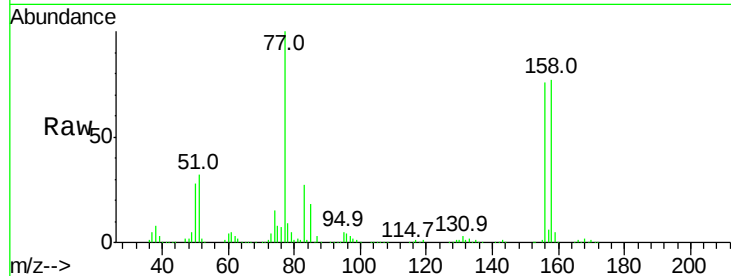
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	209107
Ion Ratio	Lower	Upper	
156	100		
77	136.0	66.3	199.0
158	98.8	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 47.894 ug/l

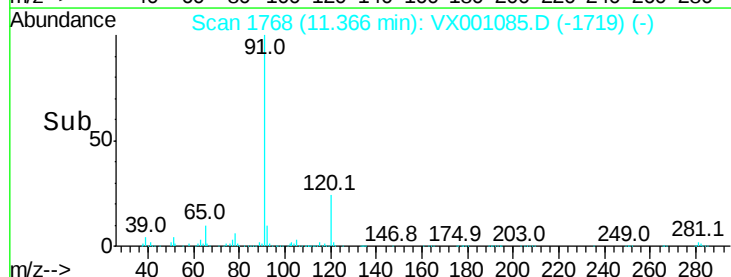
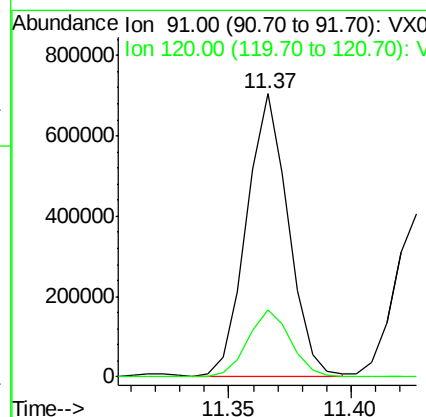
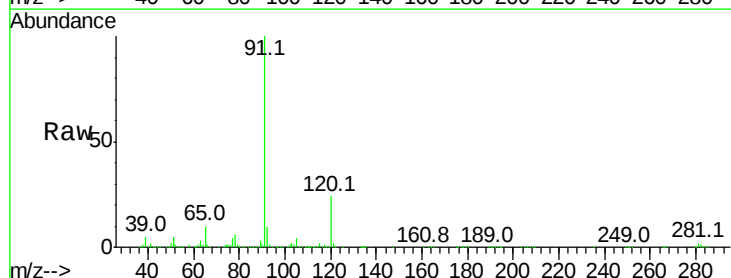
RT: 11.37 min Scan# 1768

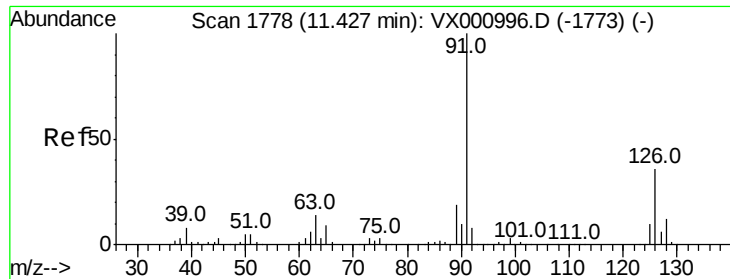
Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	91	Resp:	826520
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 49.066 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 500363

Ion Ratio Lower Upper

91 100

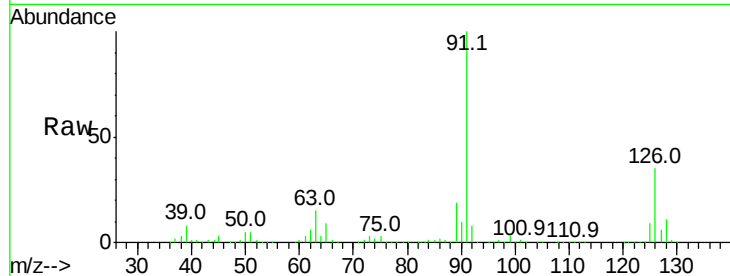
126 36.1 18.3 54.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)

800000

600000

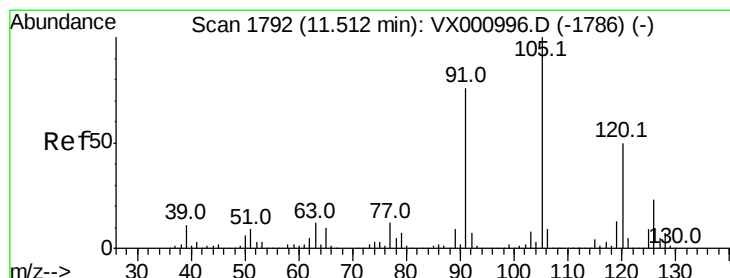
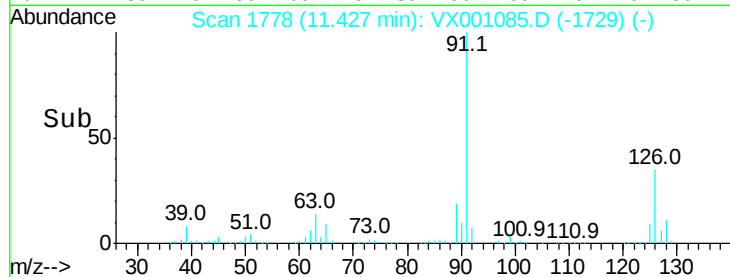
400000

200000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.472 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001085.D

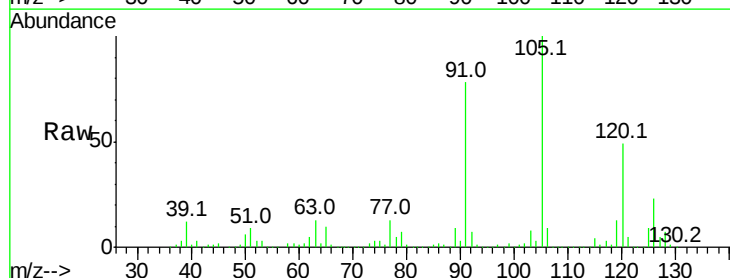
Acq: 24 Apr 2018 18:54

Tgt Ion: 105 Resp: 630402

Ion Ratio Lower Upper

105 100

120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)

600000

500000

400000

300000

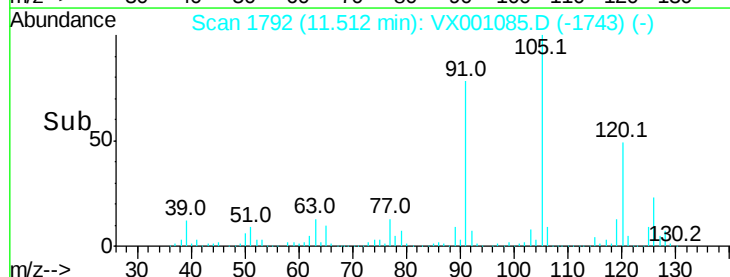
200000

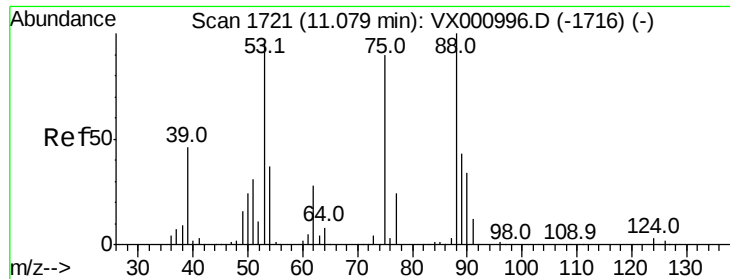
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 37.649 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 47830

Ion Ratio Lower Upper

75 100

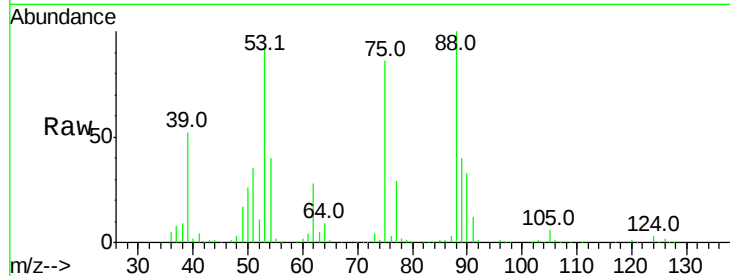
53 111.0 83.4 125.2

89 47.4 39.7 59.5

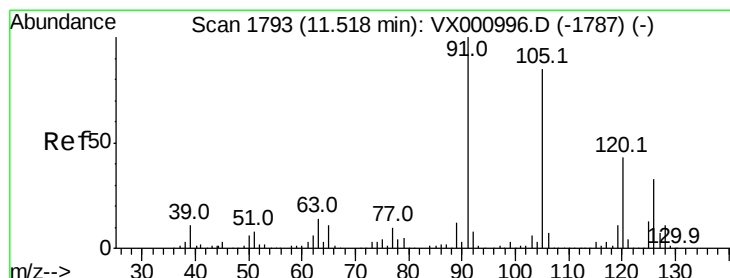
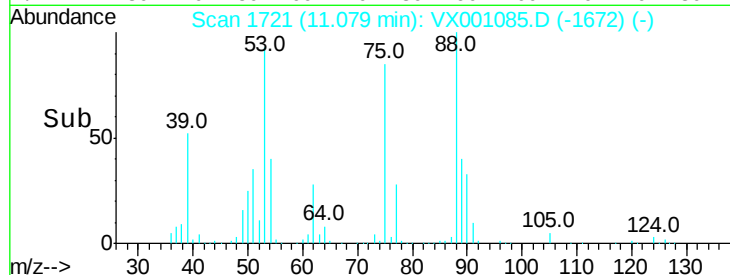
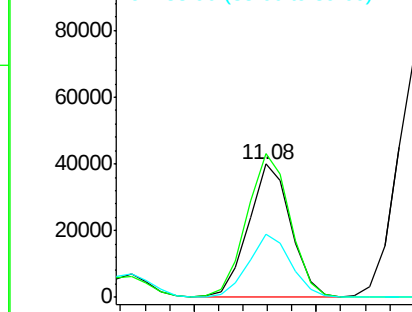
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.827 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001085.D

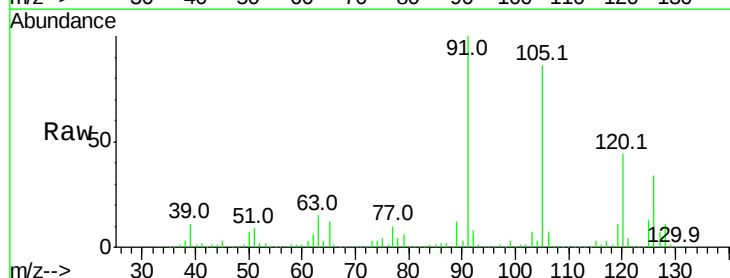
Acq: 24 Apr 2018 18:54

Tgt Ion: 91 Resp: 589314

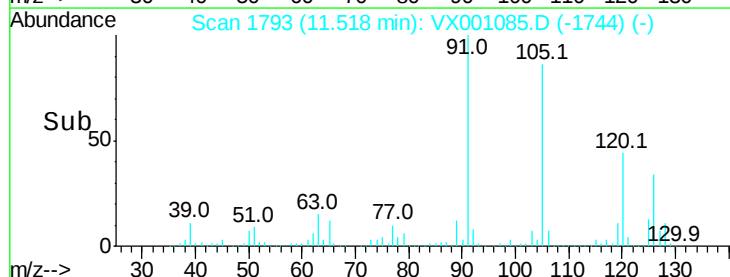
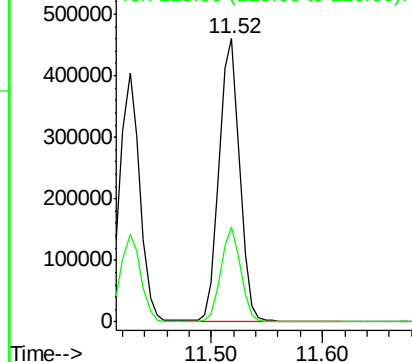
Ion Ratio Lower Upper

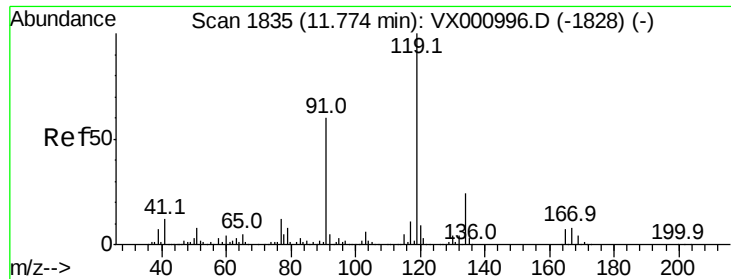
91 100

126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.411 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

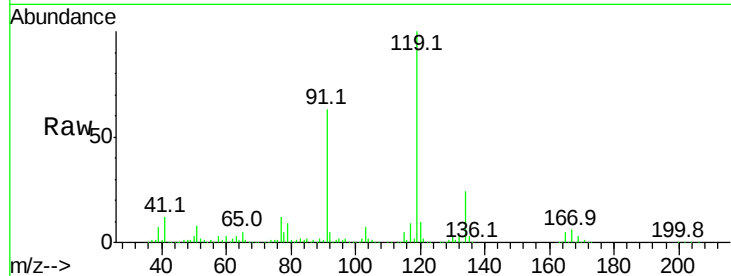
ClientSampleId :

VSTDCCC050EC

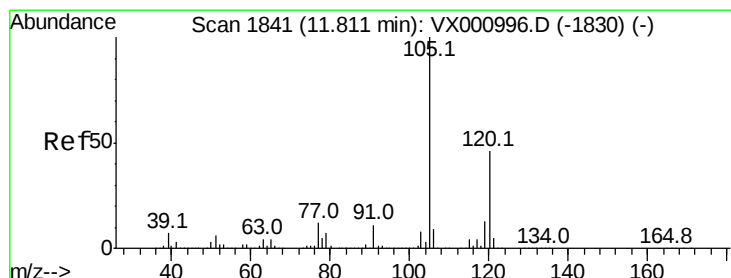
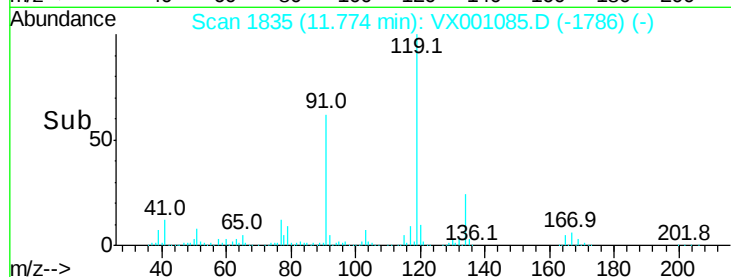
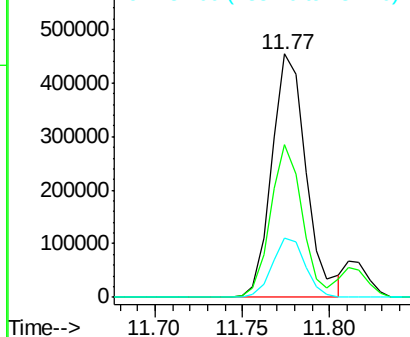
Tot Ion:	119	Resp:	622326
Ion Ratio	Lower	Upper	
119	100		
91	57.6	27.0	81.0
134	23.6	11.6	34.7

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.486 ug/l

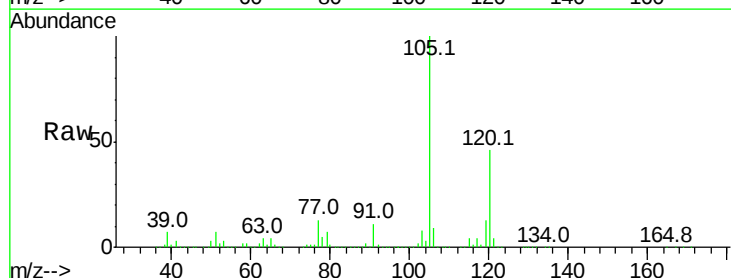
RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

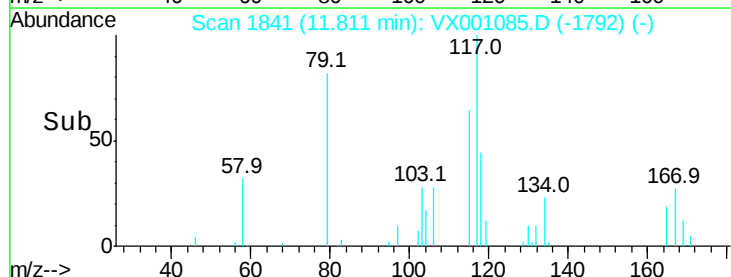
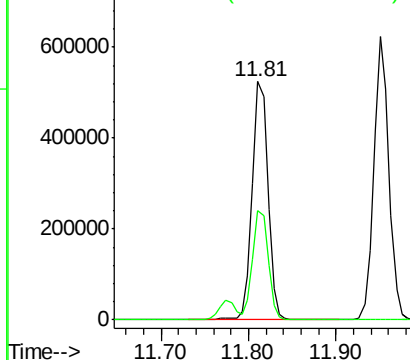
Lab File: VX001085.D

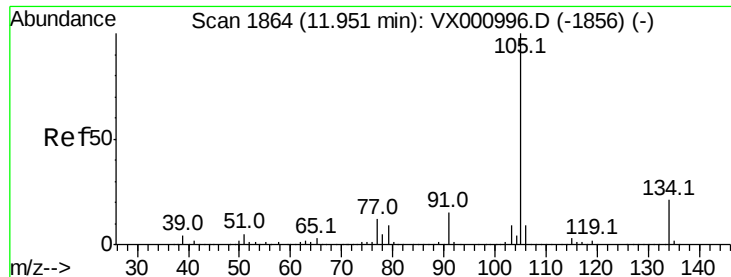
Acq: 24 Apr 2018 18:54

Tgt Ion:	105	Resp:	648938
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.006 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 751971

Ion Ratio Lower Upper

105 100

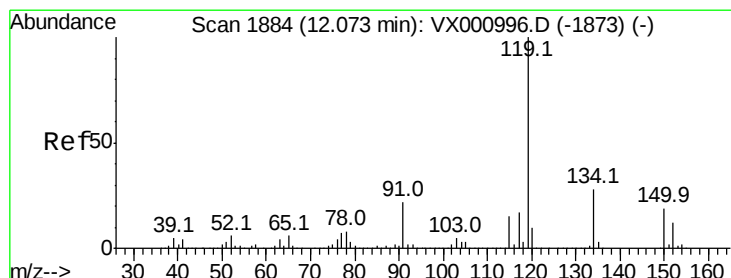
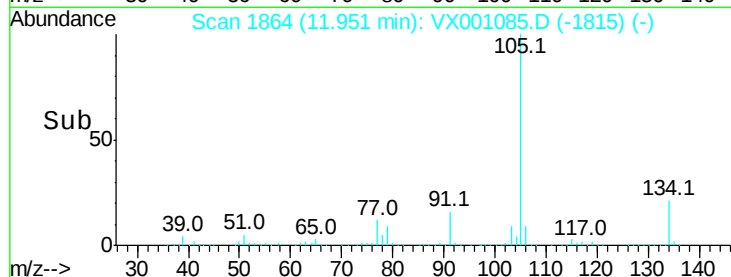
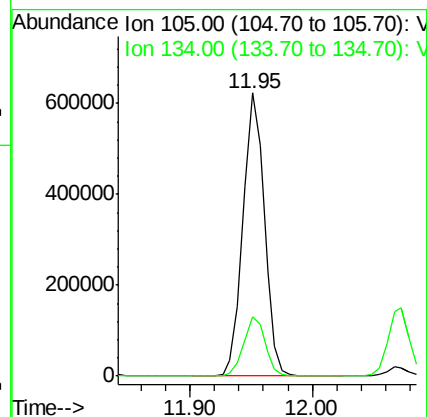
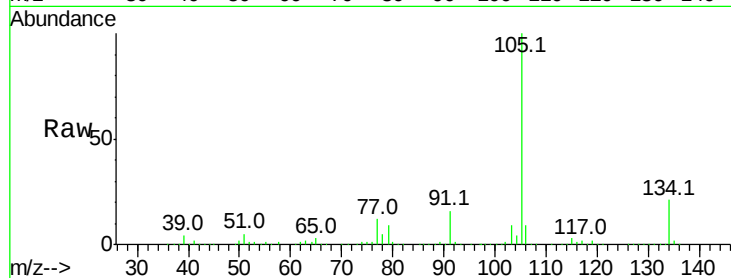
134 21.0 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.113 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

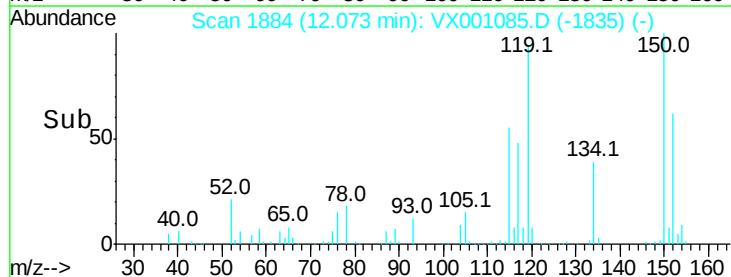
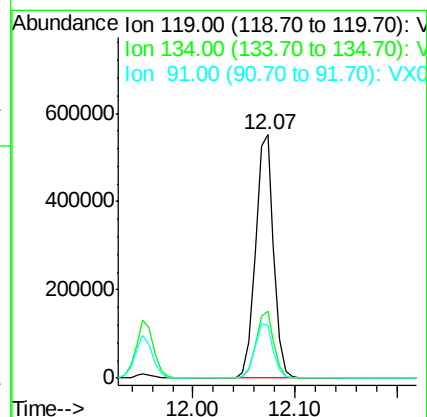
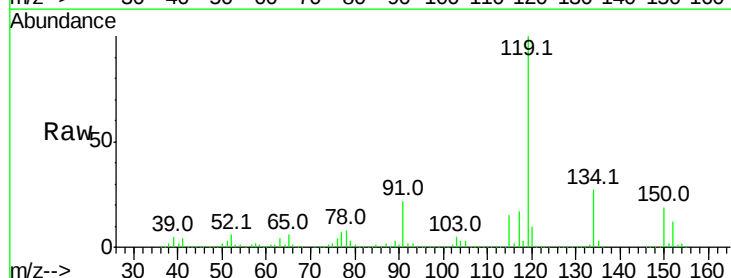
Tgt Ion:119 Resp: 682941

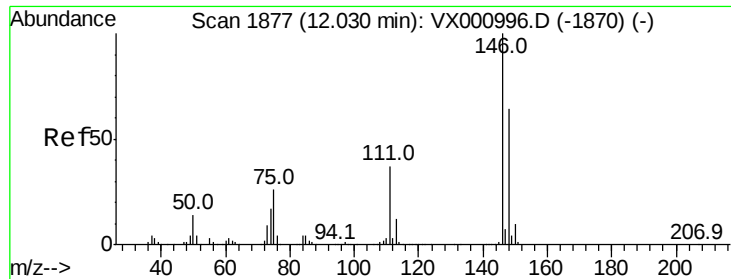
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.784 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

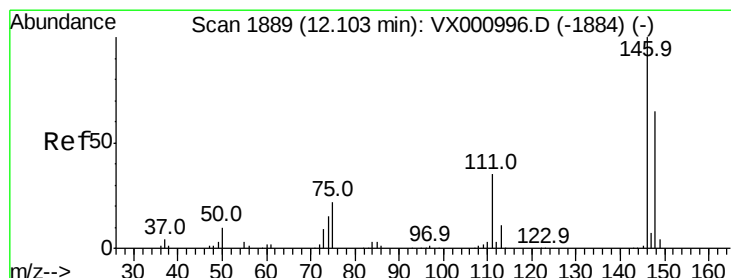
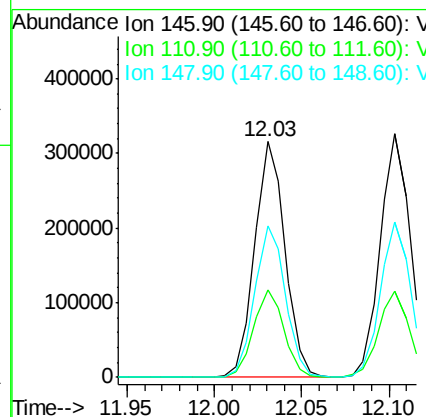
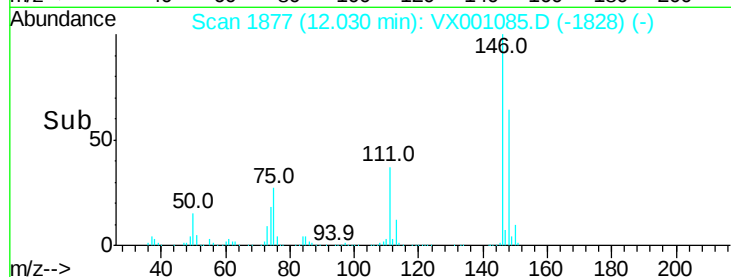
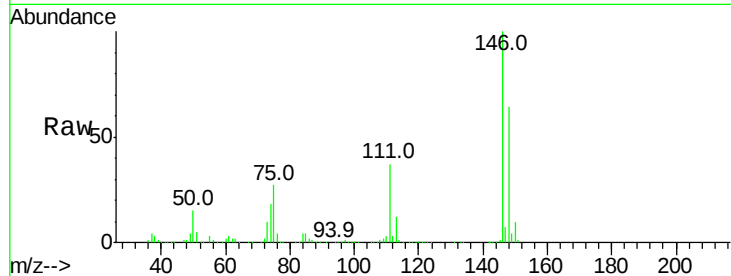
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	382167
Ion Ratio	Lower	Upper	
146	100		
111	37.0	18.3	54.8
148	64.9	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 46.667 ug/l

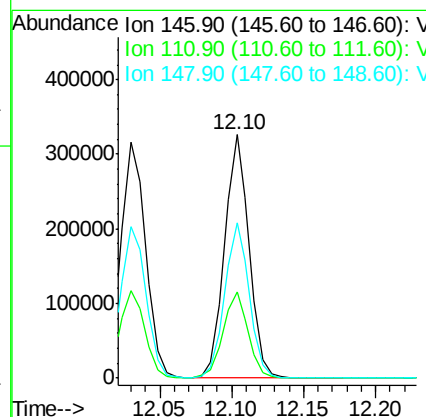
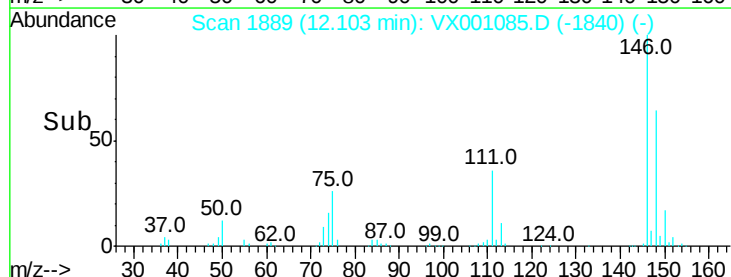
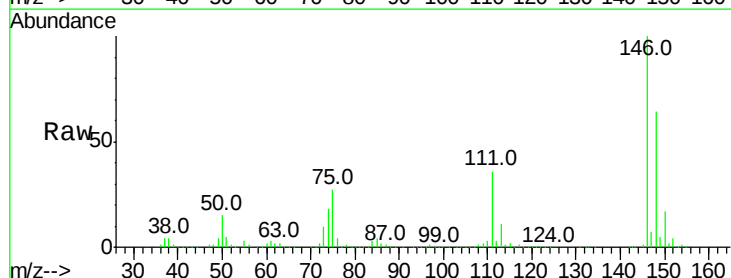
RT: 12.10 min Scan# 1889

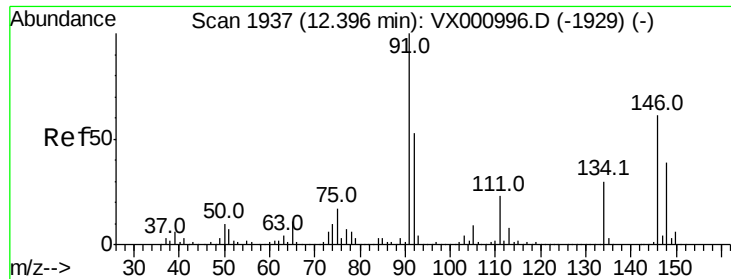
Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	146	Resp:	391284
Ion Ratio	Lower	Upper	
146	100		
111	36.0	18.0	54.0
148	63.9	32.4	97.0





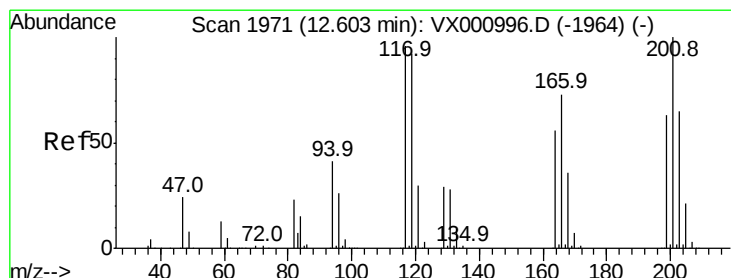
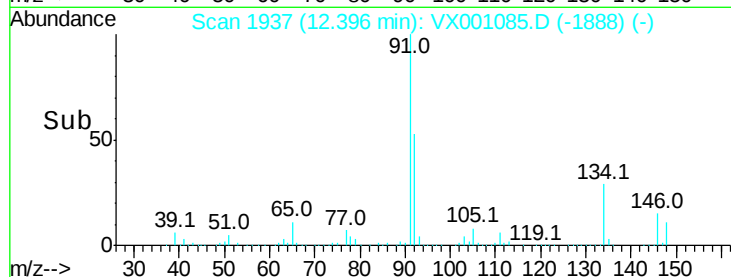
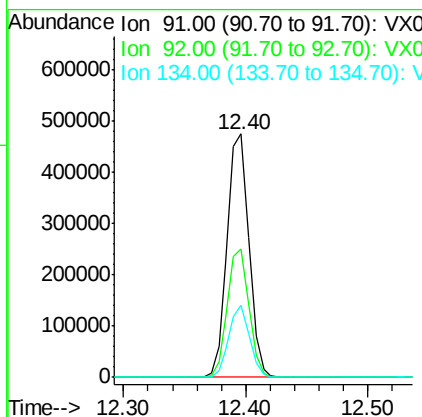
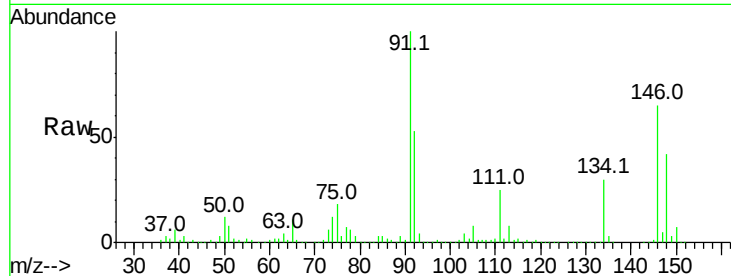
#89
n-Butylbenzene
Concen: 46.147 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.3	78.9
134	28.2	14.4	43.0

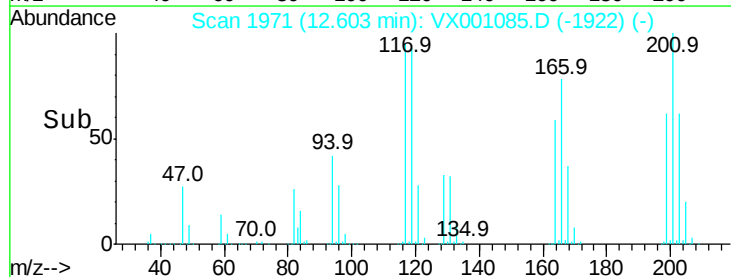
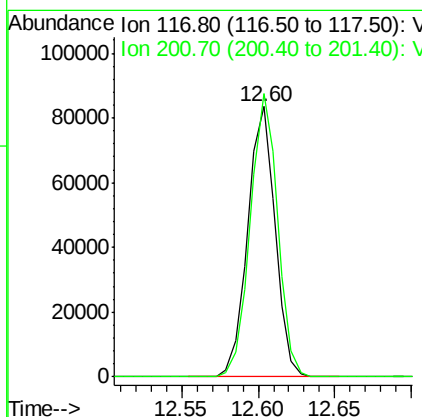
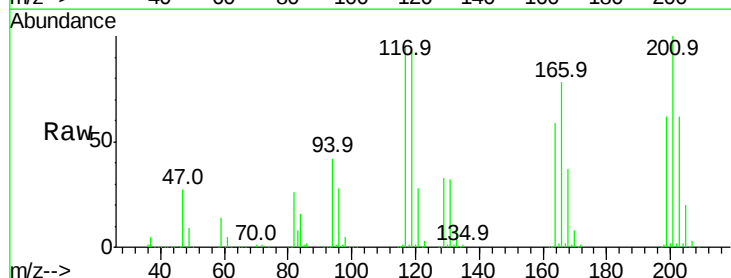
Manual Integrations
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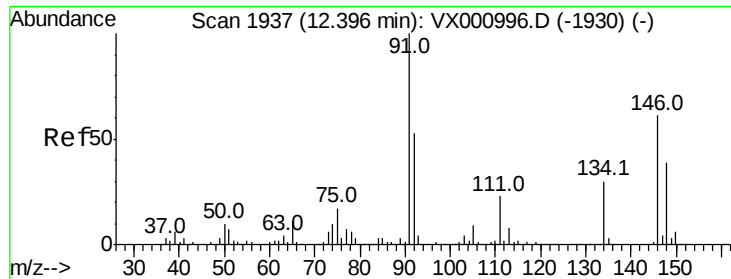
Sohil
4/26/2018 4:06:17 AM



#90
Hexachloroethane
Concen: 51.675 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001085.D
Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.4	52.3	157.1





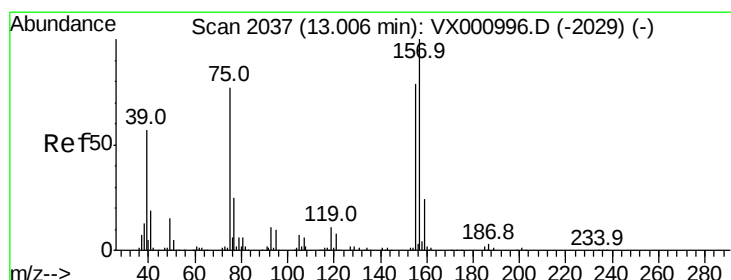
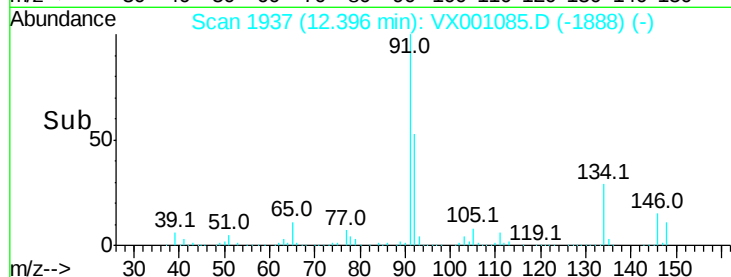
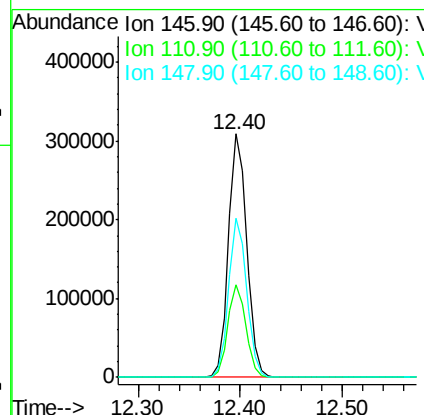
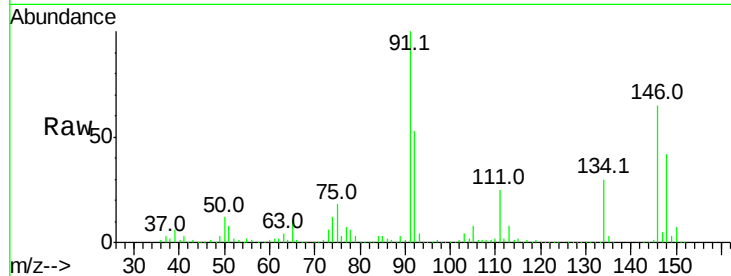
#91
 1,2-Dichlorobenzene
 Concen: 48.743 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	56.0
148	64.4	32.3	96.8

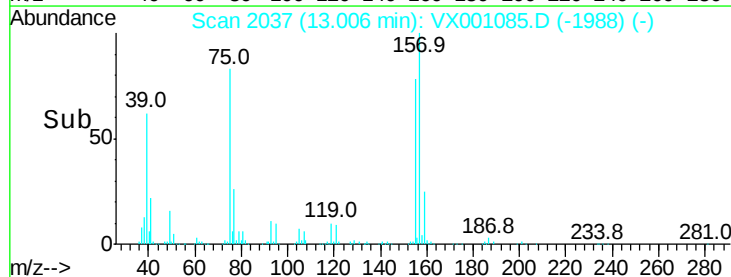
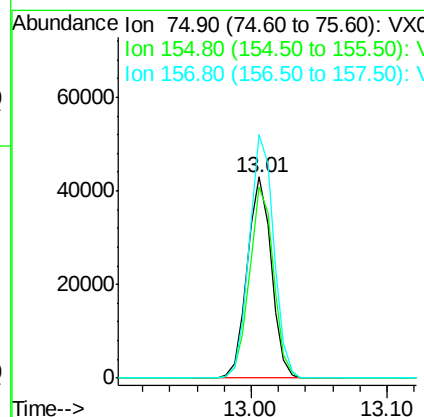
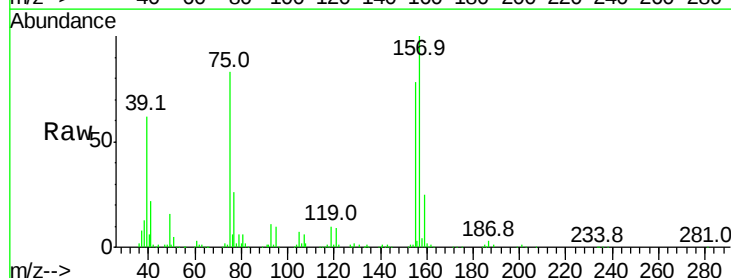
Manual Integrations
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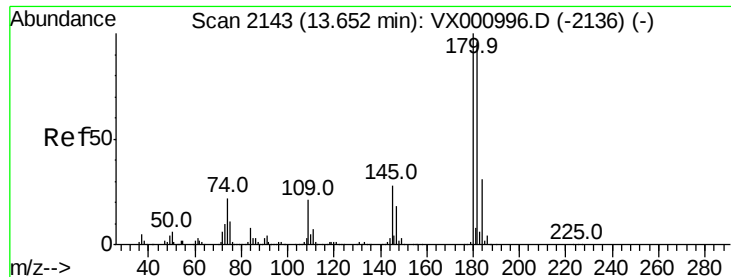
Sohil
 4/26/2018 4:06:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.583 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001085.D
 Acq: 24 Apr 2018 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	51.0	153.0
157	123.0	64.9	194.7





#93

1,2,4-Trichlorobenzene

Concen: 45.236 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

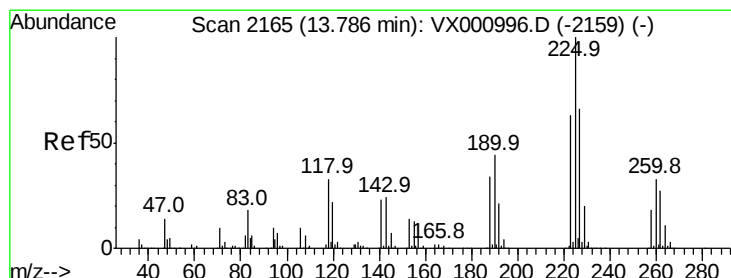
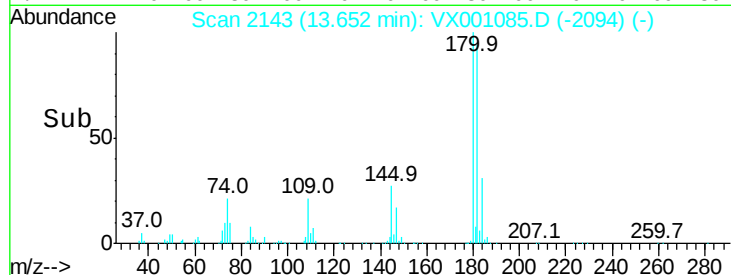
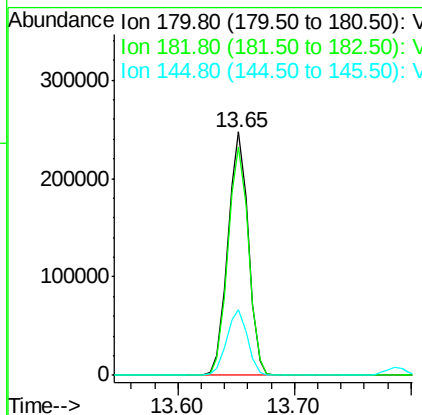
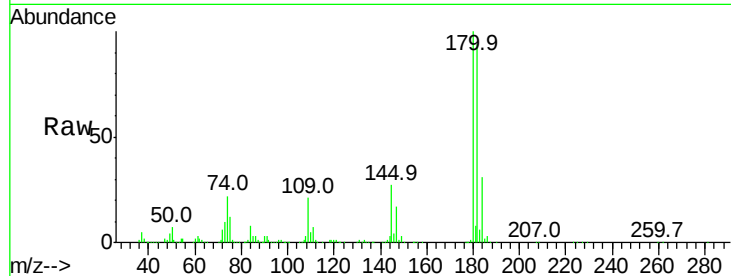
VSTDCCC050EC

Tot Ion:	180	Resp:	300299
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	27.2	13.9	41.7

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#94

Hexachlorobutadiene

Concen: 48.398 ug/l

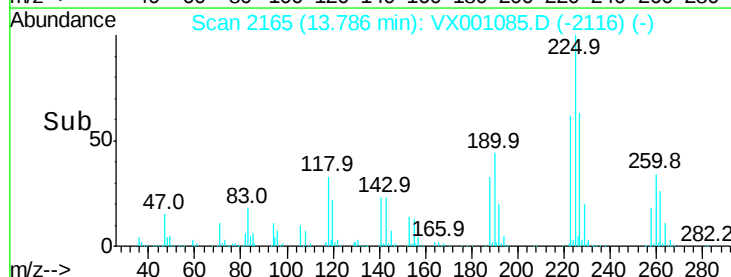
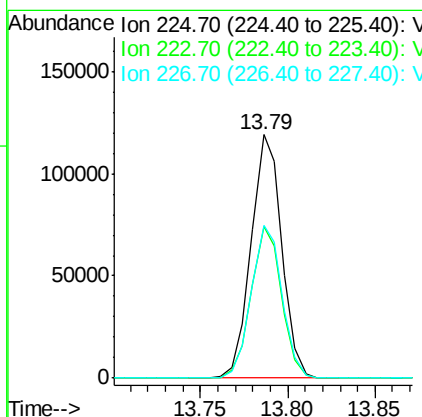
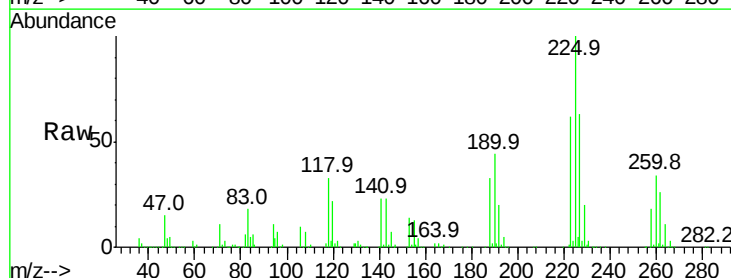
RT: 13.79 min Scan# 2165

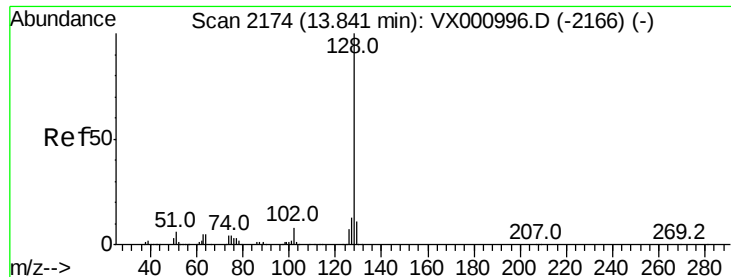
Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	225	Resp:	145382
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.5	94.5
227	63.3	32.6	97.8





#95

Naphthalene

Concen: 52.501 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Instrument :

MSVOA_X

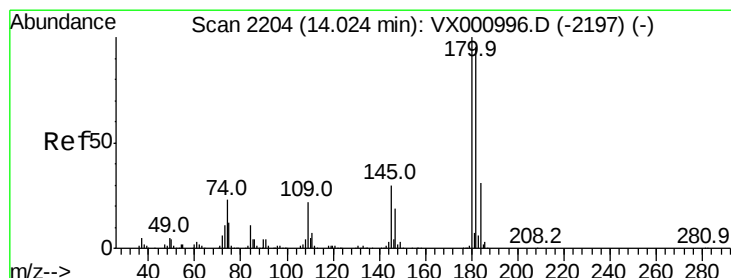
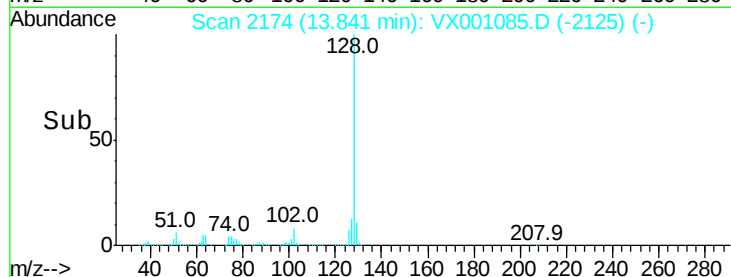
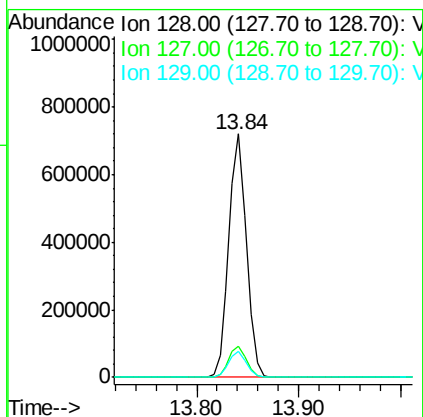
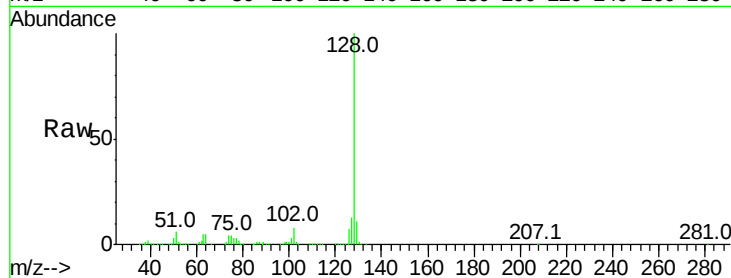
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	857176
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.8	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 47.147 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001085.D

Acq: 24 Apr 2018 18:54

Tgt Ion:	180	Resp:	302720
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.9	143.7
145	29.2	14.5	43.6

