

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009814.D
 Acq On : 22 May 2019 19:04
 Operator : JC/SP
 Sample : K2977-13MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:45:03 AM

Quant Time: May 23 08:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108669	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.50	113	78759	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
50) Toluene-d8	8.71	98	322908	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	11.13	95	117760	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67230	41.722	ug/l	98
3) Chloromethane	1.32	50	102648	46.659	ug/l	99
4) Vinyl Chloride	1.41	62	97943	45.656	ug/l	97
5) Bromomethane	1.64	94	55684	43.247	ug/l	97
6) Chloroethane	1.71	64	61735	44.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	117922	45.222	ug/l	99
8) Diethyl Ether	2.19	74	54997	44.525	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71435	43.624	ug/l	99
10) Methyl Iodide	2.51	142	88605	46.885	ug/l	99
11) Tert butyl alcohol	3.06	59	122842	222.320	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73924	45.056	ug/l	99
13) Acrolein	2.29	56	98816	197.473	ug/l	98
14) Allyl chloride	2.73	41	181833	45.476	ug/l	99
15) Acrylonitrile	3.14	53	308656	228.462	ug/l	99
16) Acetone	2.45	43	259532	202.481	ug/l	97
17) Carbon Disulfide	2.57	76	215722	46.831	ug/l	99
18) Methyl Acetate	2.78	43	132344	43.416	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	285723	44.846	ug/l	99
20) Methylene Chloride	2.85	84	90915	43.807	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	79552	44.709	ug/l	97
22) Diisopropyl ether	3.85	45	354734	46.133	ug/l	93
23) Vinyl Acetate	3.82	43	1616101	245.440	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170019	44.821	ug/l	100
25) 2-Butanone	4.67	43	454754	228.312	ug/l	98
26) 2,2-Dichloropropane	4.59	77	118962	42.133	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	93422	43.987	ug/l	99
28) Bromochloromethane	5.01	49	89837	59.346	ug/l	98
29) Tetrahydrofuran	5.13	42	300553	234.491	ug/l	98
30) Chloroform	5.21	83	155676	45.376	ug/l	98
31) Cyclohexane	5.58	56	166922	47.298	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	127666	44.702	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119301	45.476	ug/l	99
37) Ethyl Acetate	4.84	43	172225	47.119	ug/l	99
38) Carbon Tetrachloride	5.79	117	105577	44.295	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148519	46.099	ug/l	98
40) Benzene	6.14	78	365325	44.997	ug/l	100
41) Methacrylonitrile	5.04	41	98831	45.423	ug/l	98
42) 1,2-Dichloroethane	6.20	62	134830	46.296	ug/l	99
43) Isopropyl Acetate	6.45	43	275953	47.199	ug/l	99
44) Trichloroethene	7.21	130	84984	43.298	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104227	45.337	ug/l	98
46) Dibromomethane	7.66	93	59354	44.460	ug/l	98
47) Bromodichloromethane	7.90	83	120336	45.188	ug/l	99
48) Methyl methacrylate	7.77	41	141024	48.618	ug/l	97
49) 1,4-Dioxane	7.74	88	43538	740.136	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	918710	240.409	ug/l	99
52) Toluene	8.79	92	226049	45.803	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138975	46.224	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152960	45.964	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	89825	44.613	ug/l	96
56) Ethyl methacrylate	9.18	69	167285	46.544	ug/l	96
57) 1,3-Dichloropropane	9.37	76	159451	45.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	15553	8.157	ug/l	97
59) 2-Hexanone	9.49	43	706688	235.460	ug/l	98
60) Dibromochloromethane	9.58	129	90828	46.188	ug/l	100
61) 1,2-Dibromoethane	9.67	107	92686	45.604	ug/l	99
64) Tetrachloroethene	9.34	164	74539	42.007	ug/l	99
65) Chlorobenzene	10.14	112	231343	44.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83008	44.246	ug/l	100
67) Ethyl Benzene	10.25	91	496840	52.170	ug/l	100
68) m/p-Xylenes	10.36	106	385221	110.690	ug/l	98
69) o-Xylene	10.70	106	172924	50.360	ug/l	99
70) Styrene	10.71	104	274870	46.057	ug/l	98
71) Bromoform	10.85	173	70018	45.926	ug/l #	100
73) Isopropylbenzene	11.02	105	507689	54.988	ug/l	99
74) N-amyl acetate	10.90	43	257115	47.766	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	153526	44.606	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132469m	44.979	ug/l	
77) Bromobenzene	11.26	156	102180	44.589	ug/l	99
78) n-propylbenzene	11.36	91	691481	65.579	ug/l	100
79) 2-Chlorotoluene	11.42	91	316994	48.729	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	512241	65.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51050	44.351	ug/l	96
82) 4-Chlorotoluene	11.51	91	349553	47.564	ug/l	97
83) tert-Butylbenzene	11.77	119	359659	47.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1149996	147.376	ug/l	99
85) sec-Butylbenzene	11.94	105	461625	51.487	ug/l	98
86) p-Isopropyltoluene	12.06	119	394897	48.993	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182847	44.758	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181072	43.964	ug/l	99
89) n-Butylbenzene	12.38	91	391743	53.772	ug/l	95
90) Hexachloroethane	12.60	117	68437	49.837	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	181249	43.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34798	45.069	ug/l	95

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Instrument :
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ClientSampleId :
EP1-PZ-E3-4MS

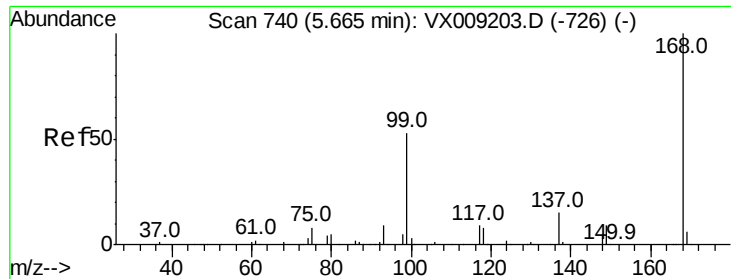
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128236	45.068	ug/l	99
94) Hexachlorobutadiene	13.78	225	66429	45.717	ug/l	100
95) Naphthalene	13.83	128	452687	48.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127923	44.352	ug/l	100

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



#1

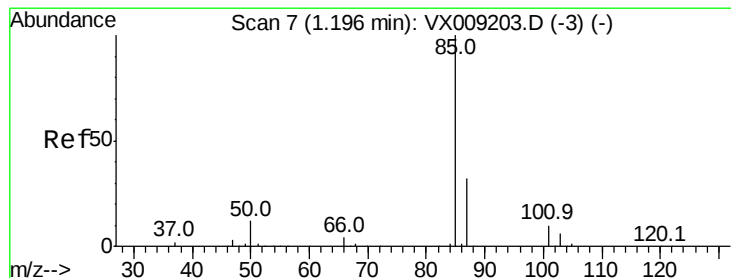
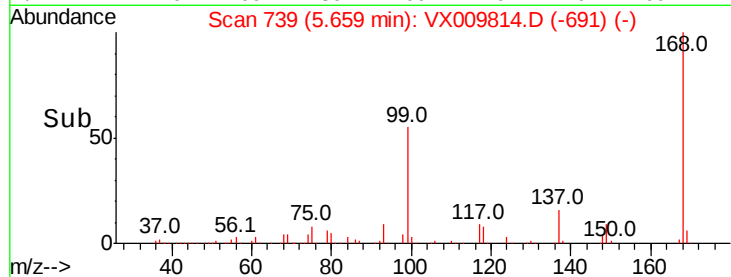
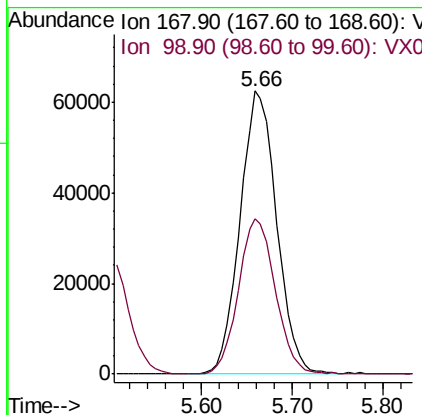
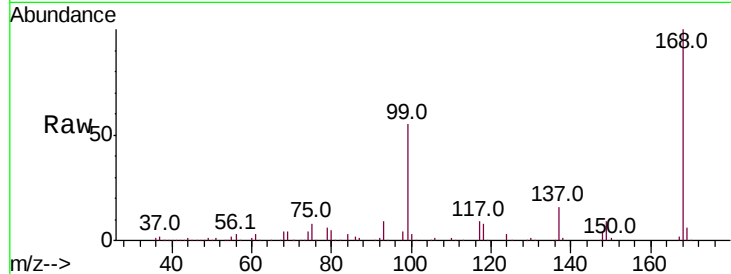
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.8	42.3	63.5

Manual Integrations
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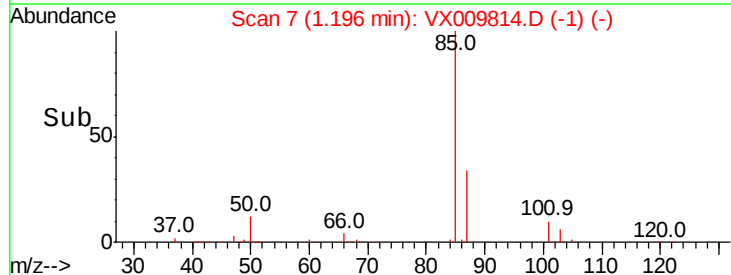
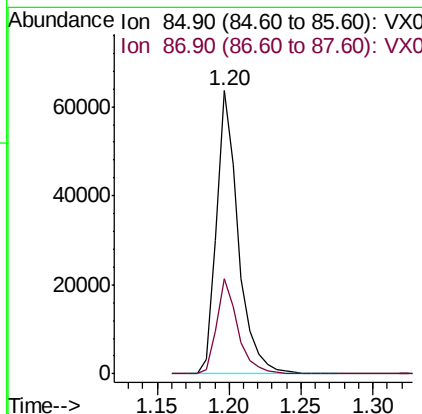
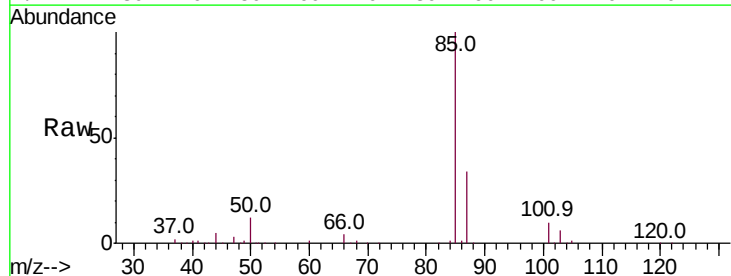
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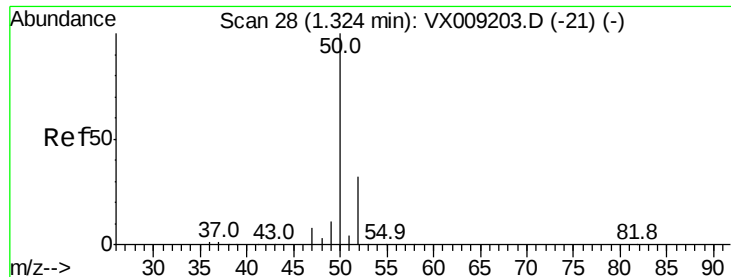


#2

Dichlorodifluoromethane
 Concen: 41.722 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.1	48.3





#3

Chloromethane

Concen: 46.659 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 50 Resp: 102648

Ion Ratio Lower Upper

50 100

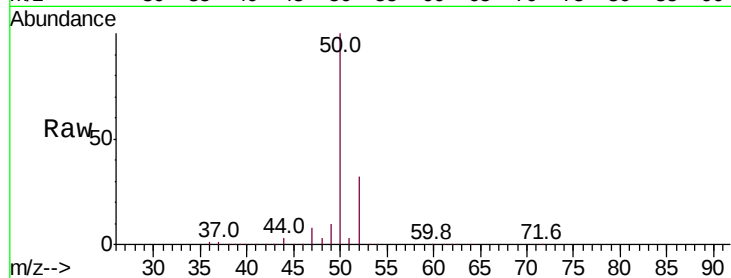
52 31.8 25.9 38.9

Manual Integrations

APPROVED

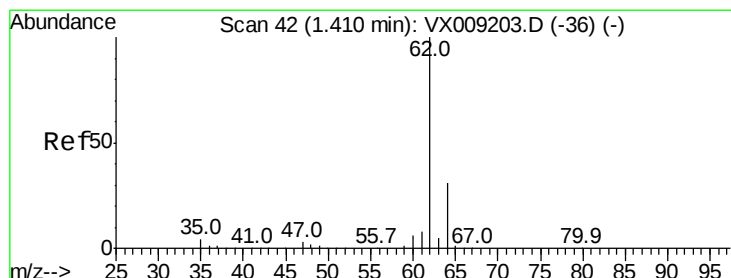
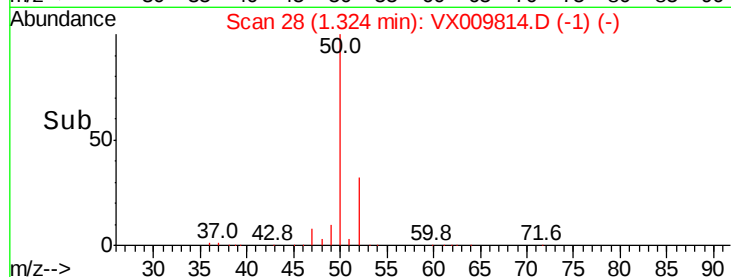
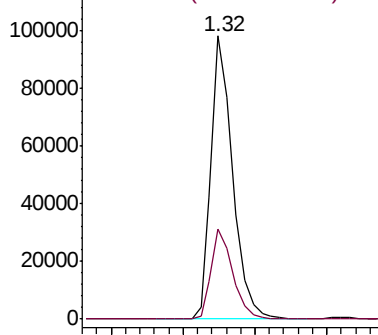
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.656 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009814.D

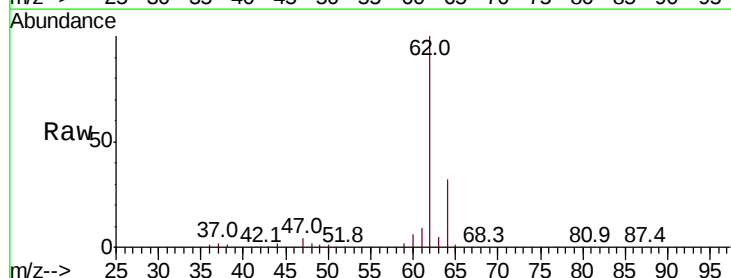
Acq: 22 May 2019 19:04

Tgt Ion: 62 Resp: 97943

Ion Ratio Lower Upper

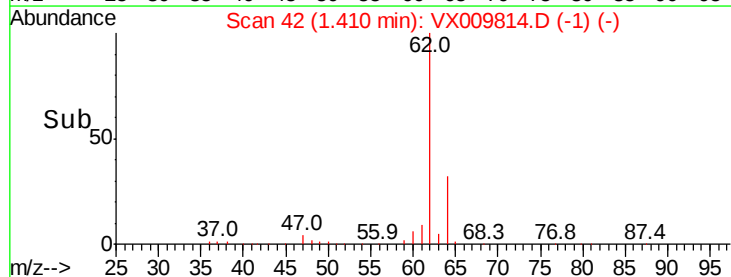
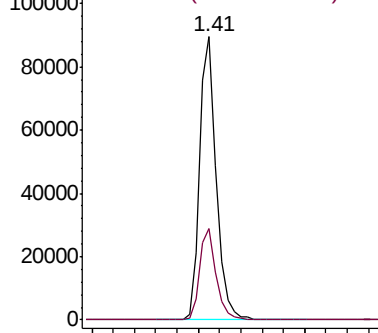
62 100

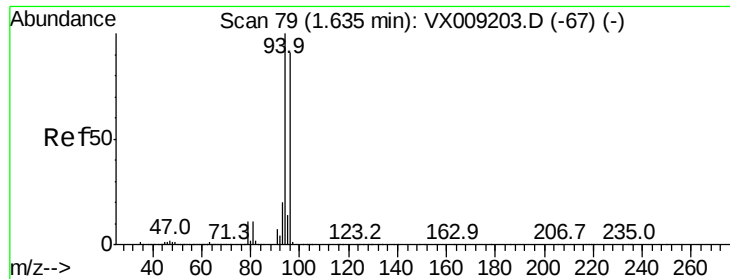
64 32.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.247 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 94 Resp: 55684

Ion Ratio Lower Upper

94 100

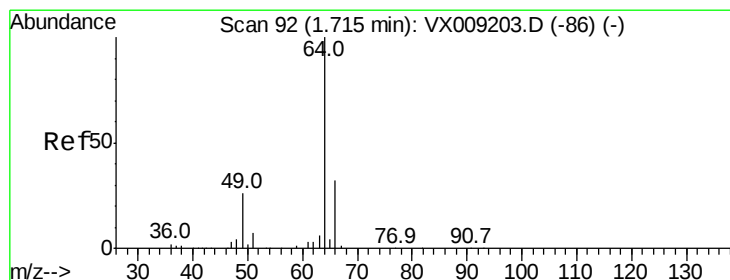
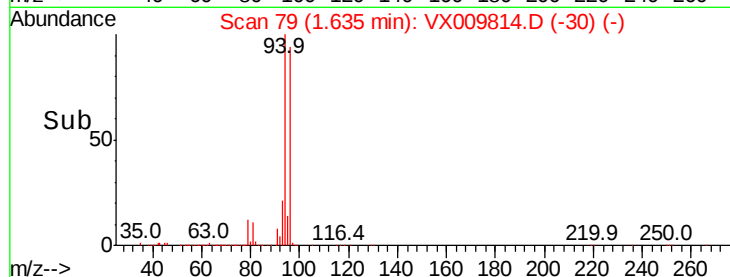
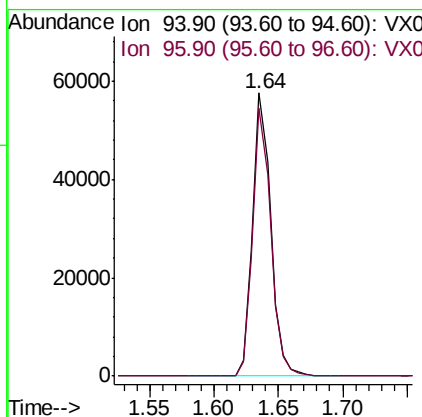
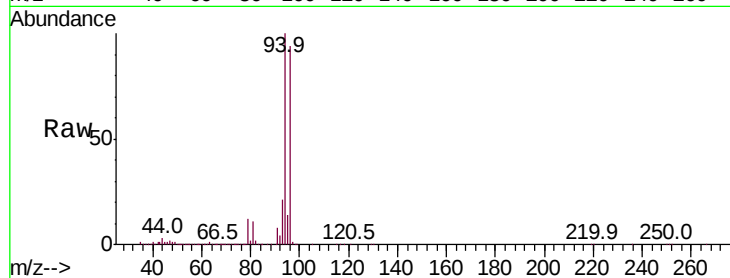
96 94.5 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 44.823 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009814.D

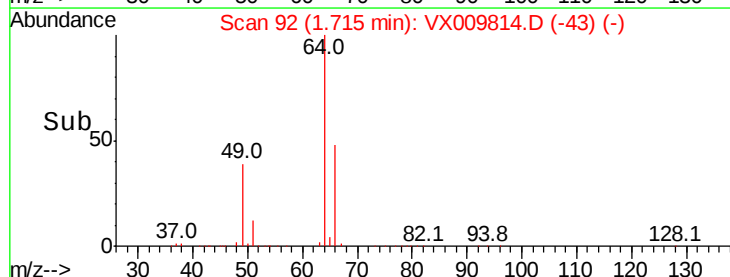
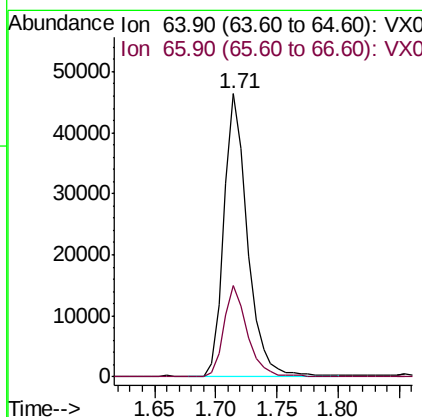
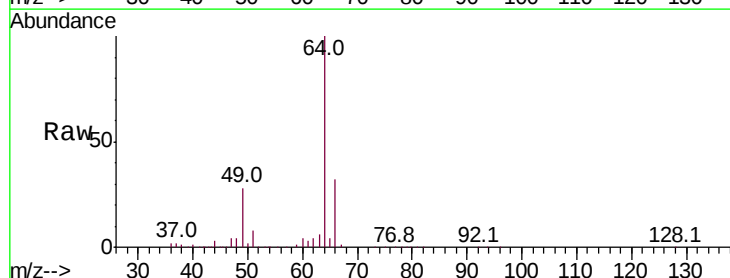
Acq: 22 May 2019 19:04

Tgt Ion: 64 Resp: 61735

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9





#7

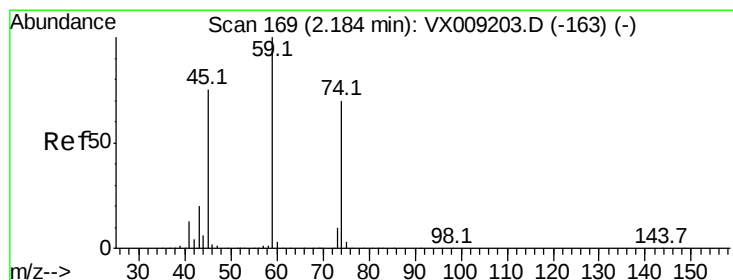
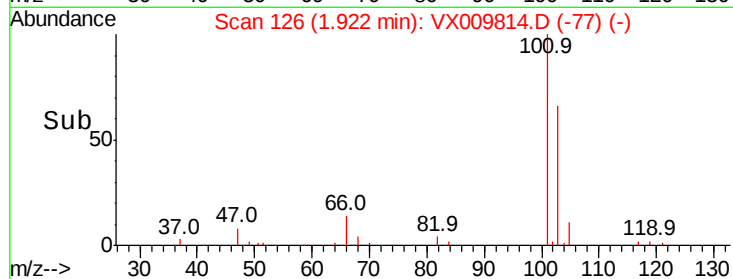
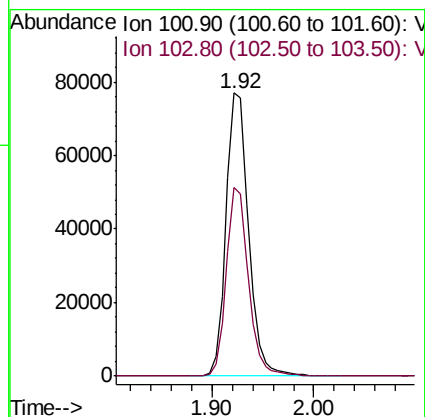
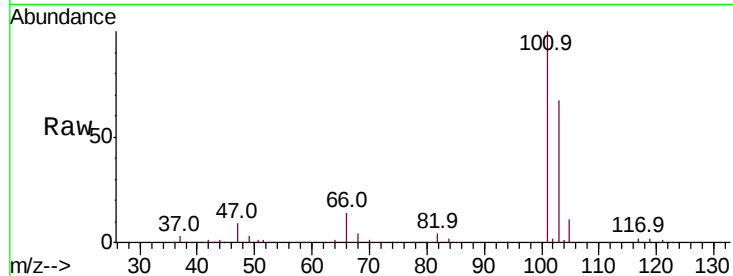
Trichlorofluoromethane
Concen: 45.222 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion:101 Resp: 117922
Ion Ratio Lower Upper
101 100
103 66.5 52.4 78.6

Manual Integrations
APPROVED

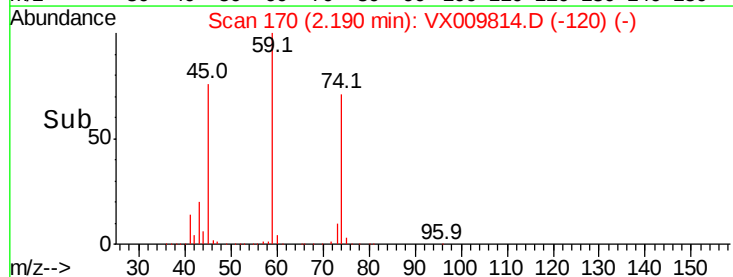
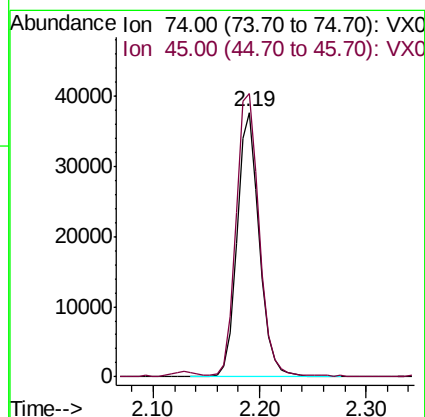
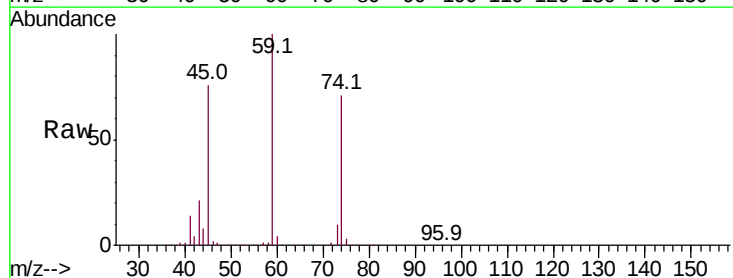
MMDadoda
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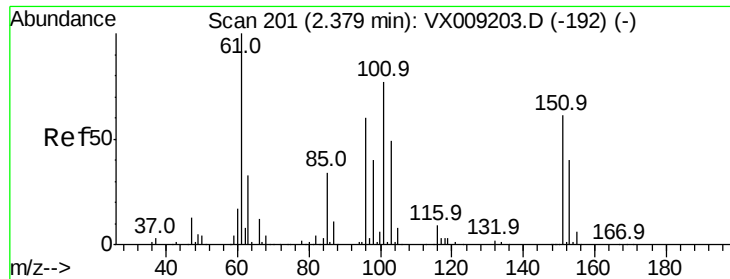


#8

Diethyl Ether
Concen: 44.525 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 74 Resp: 54997
Ion Ratio Lower Upper
74 100
45 112.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.624 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

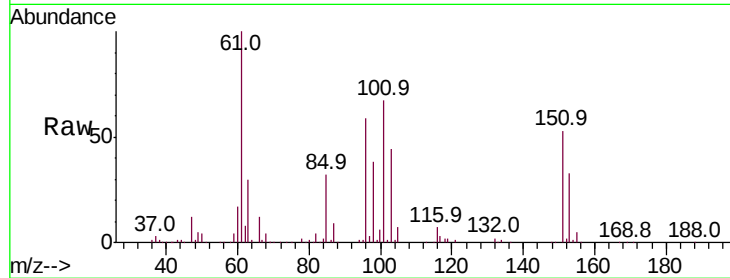
ClientSampleId :

EP1-PZ-E3-4MS

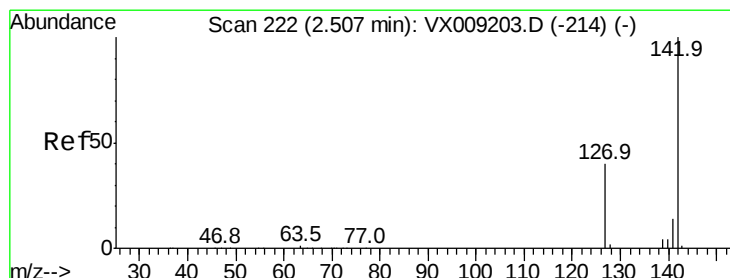
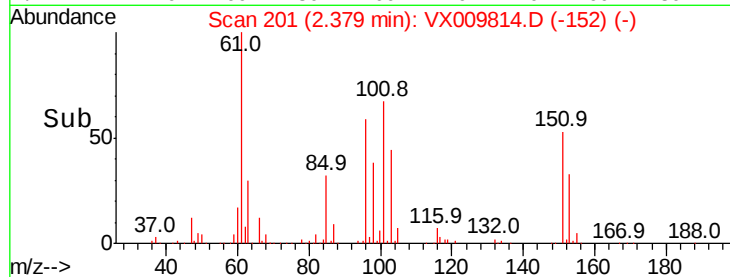
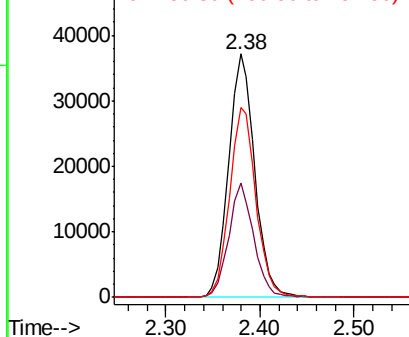
Tot Ion:	101	Resp:	71435
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.7	53.5
151	78.6	62.2	93.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.885 ug/l

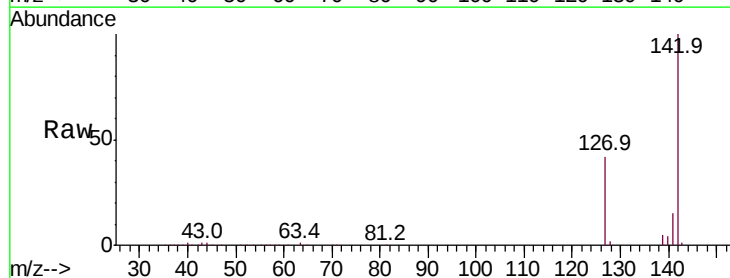
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

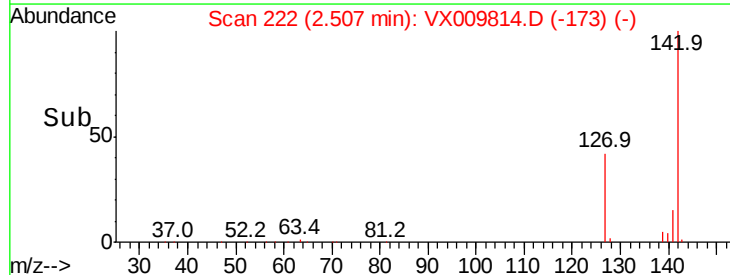
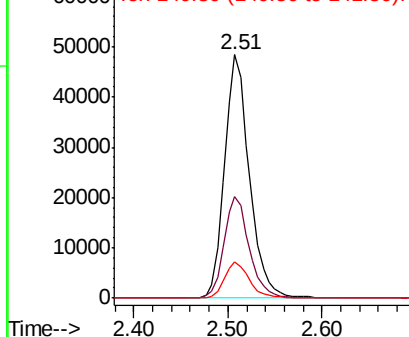
Lab File: VX009814.D

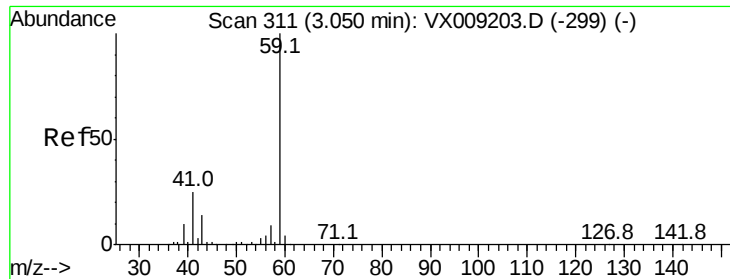
Acq: 22 May 2019 19:04

Tgt Ion:	142	Resp:	88605
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.7	49.1
141	14.5	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





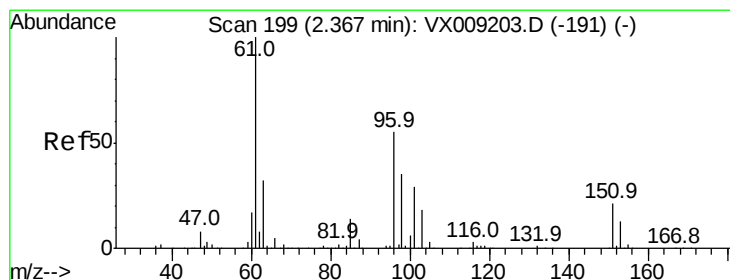
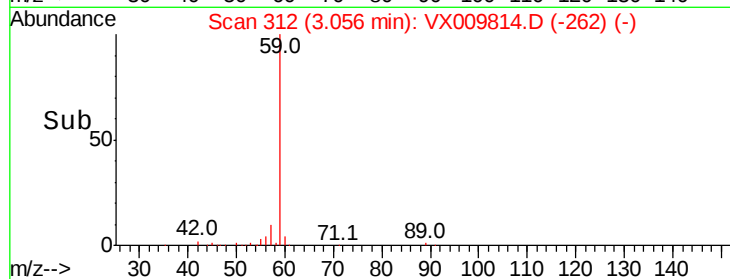
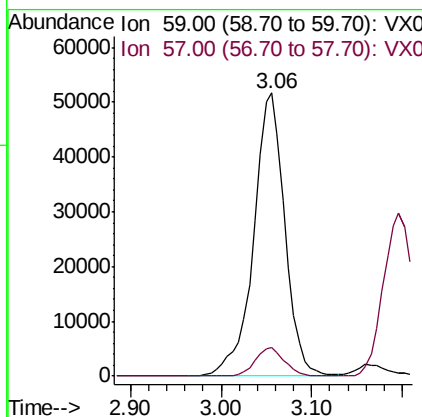
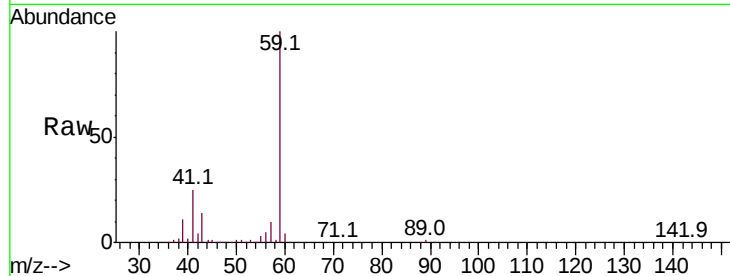
#11
Tert butyl alcohol
Concen: 222.320 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.2	12.2

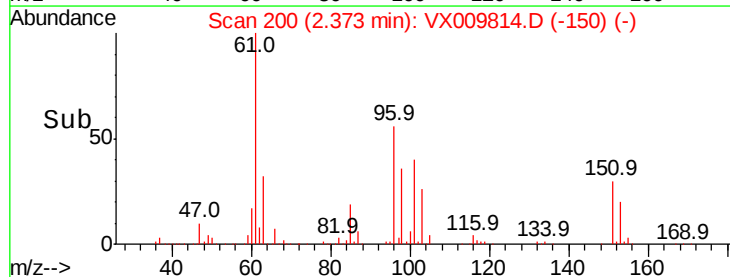
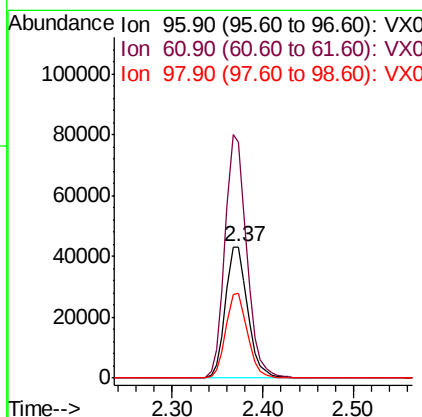
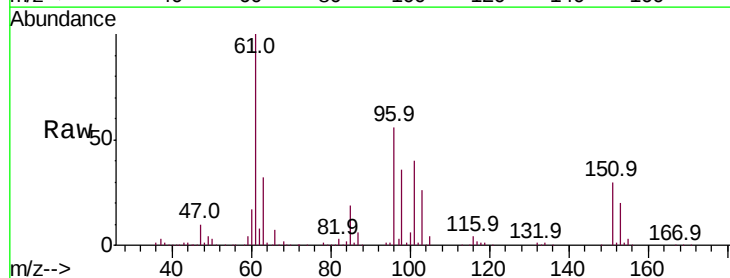
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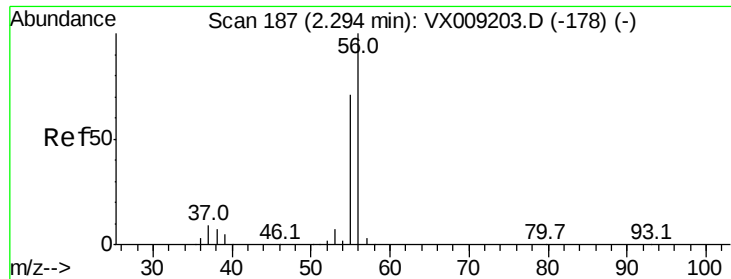
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#12
1,1-Dichloroethene
Concen: 45.056 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.4	144.3	216.5
98	64.2	50.3	75.5





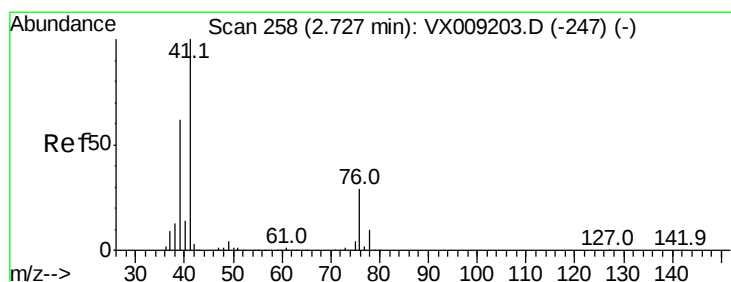
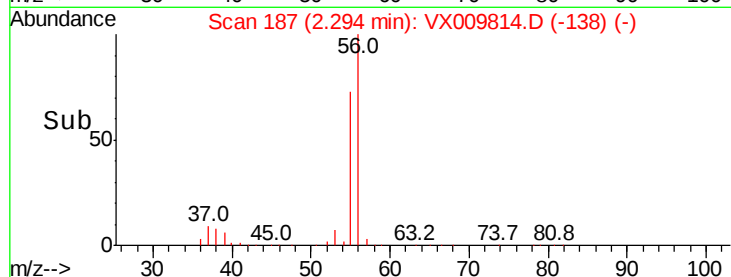
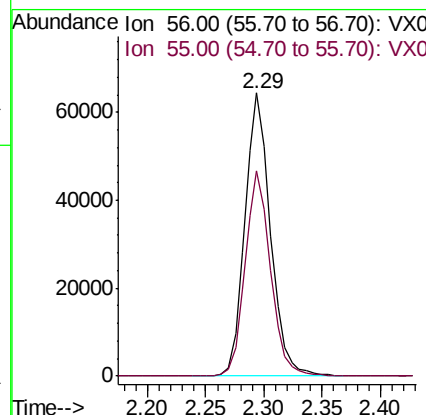
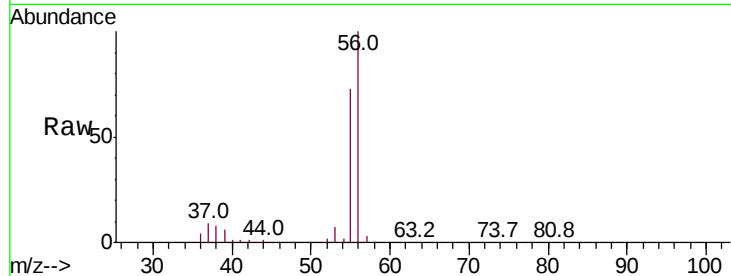
#13
Acrolein
Concen: 197.473 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	56	55	Ratio	100	72.2	Resp	98816	Lower	Upper
56	100								
55		72.2				56.6		85.0	

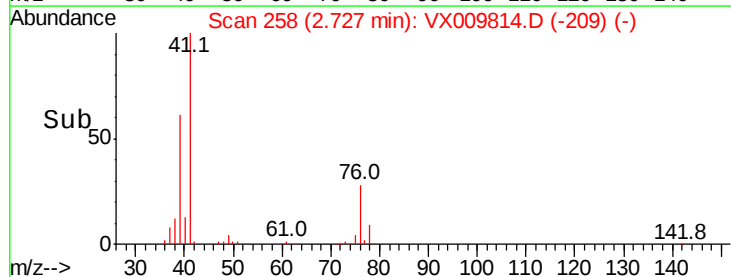
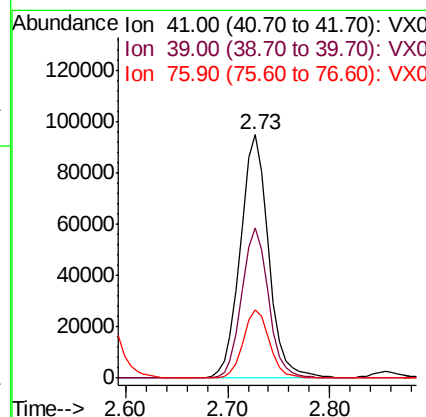
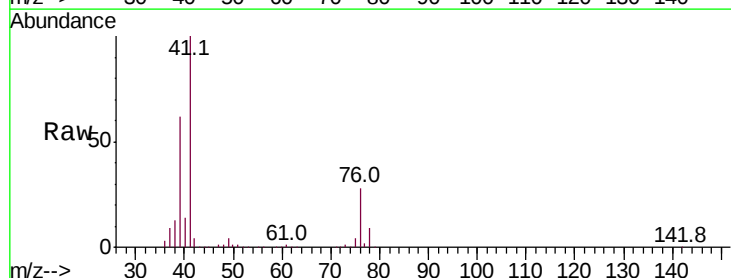
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#14
Allyl chloride
Concen: 45.476 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	41	39	76	Ratio	100	58.3	26.1	Resp	181833	Lower	Upper
41	100										
39		58.3				46.7		70.1			
76		26.1				21.8		32.8			





#15

Acrylonitrile

Concen: 228.462 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

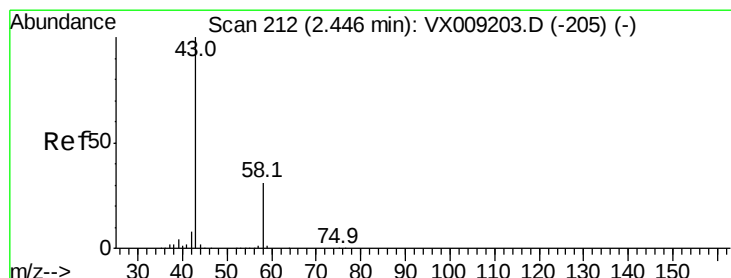
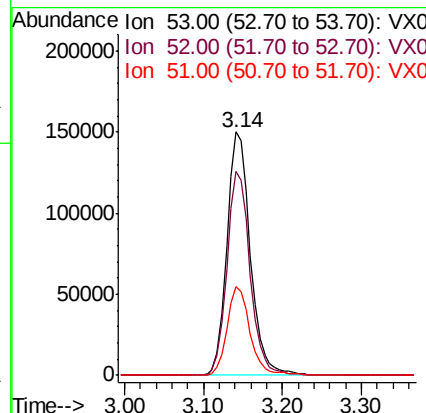
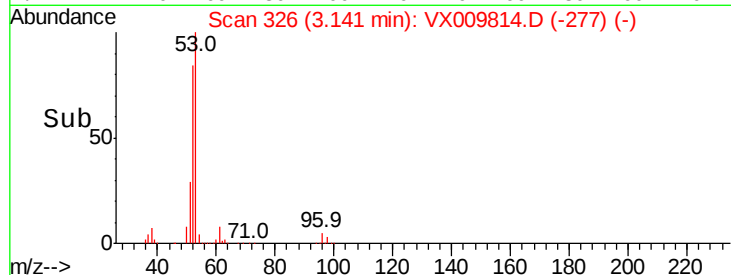
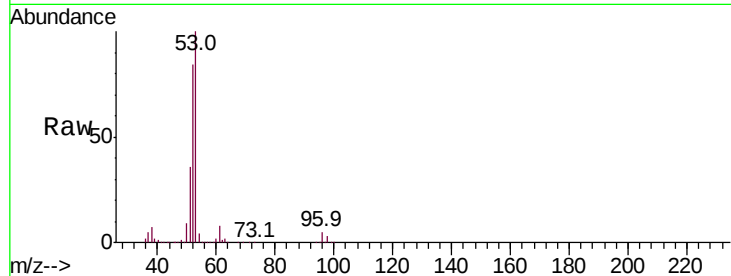
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:	53	Resp:	308656
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.9	100.3
51	36.0	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 202.481 ug/l

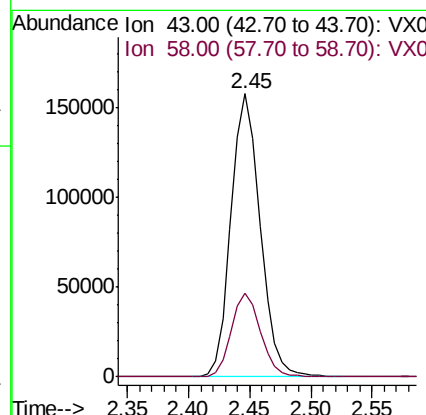
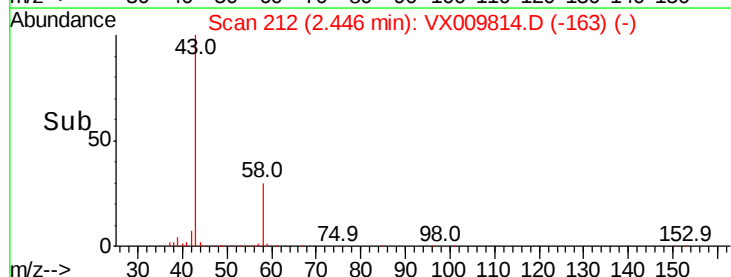
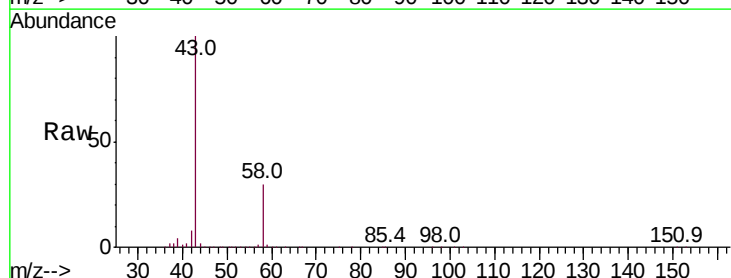
RT: 2.45 min Scan# 212

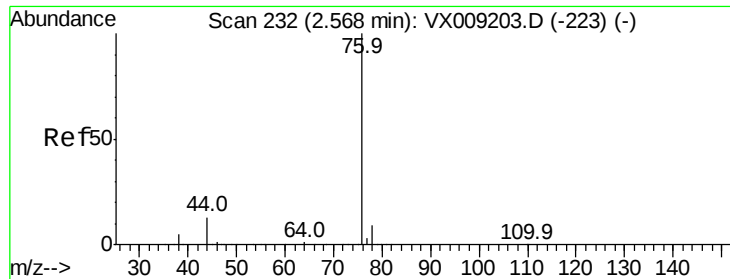
Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion:	43	Resp:	259532
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.9	37.3





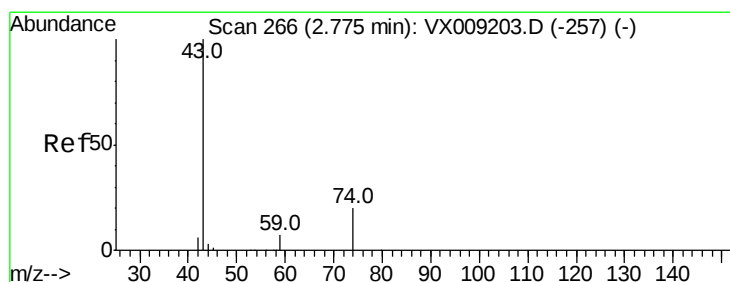
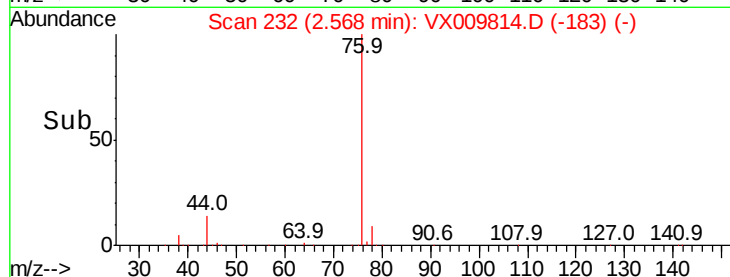
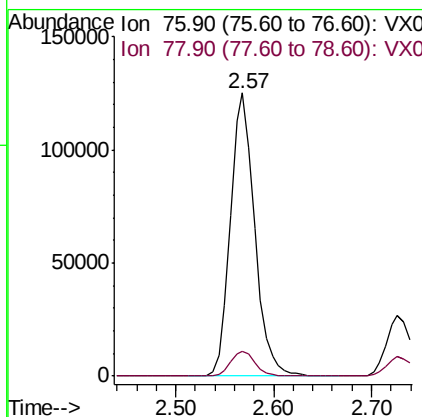
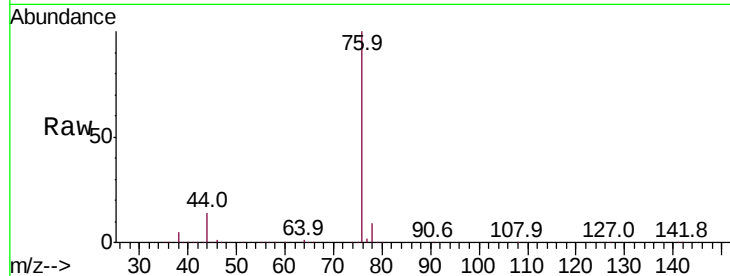
#17
Carbon Disulfide
Concen: 46.831 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

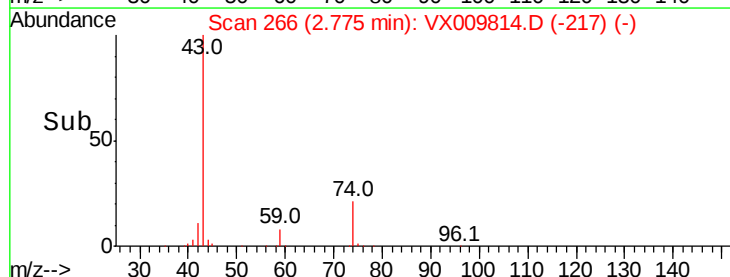
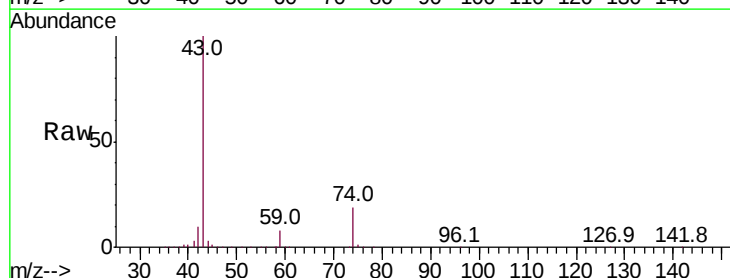
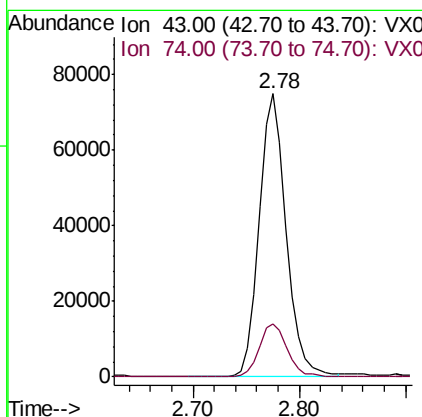
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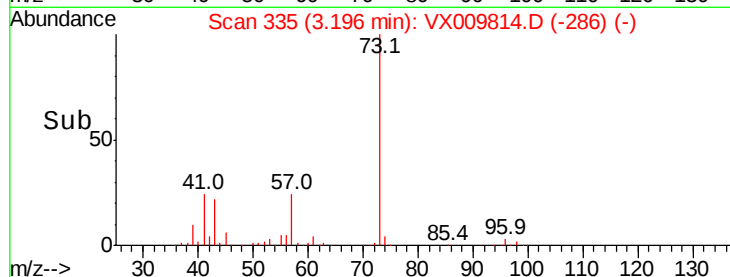
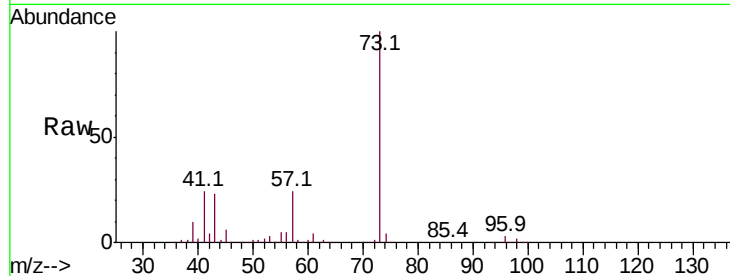
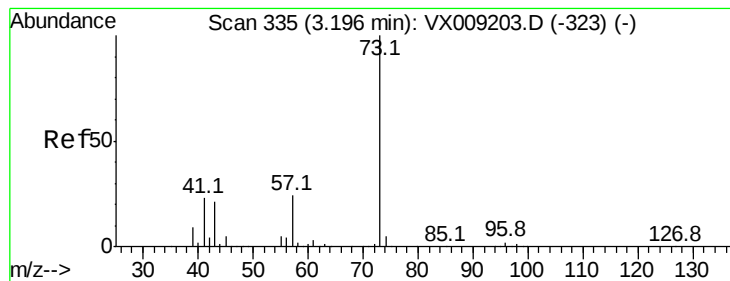
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#18
Methyl Acetate
Concen: 43.416 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	16.2	24.4





#19

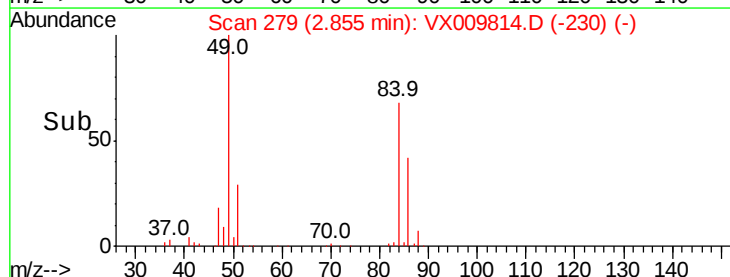
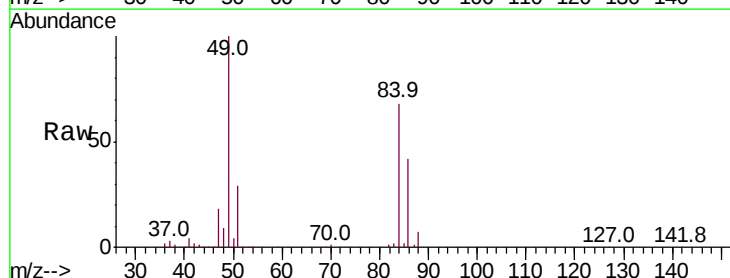
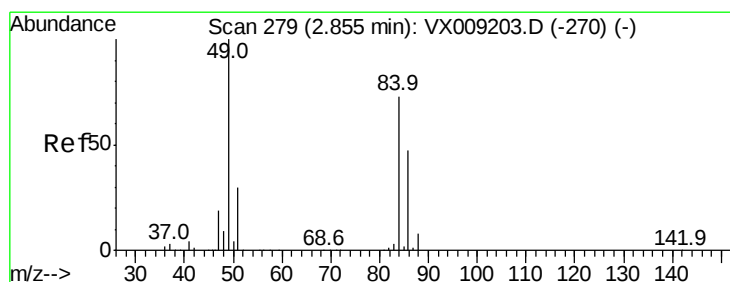
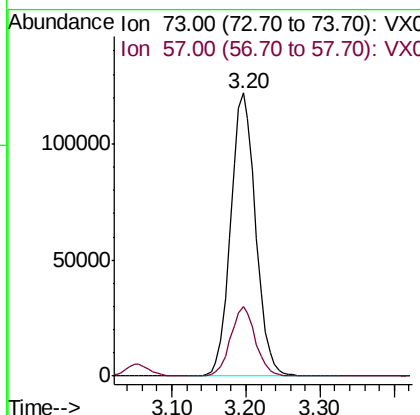
Methyl tert-butyl Ether
Concen: 44.846 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tot Ion	Ratio	Resp	Lower	Upper
73	100	285723		
57	24.4	19.3	28.9	

Instrument :
MSVOA_X
ClientSampled :
EP1-PZ-E3-4MS

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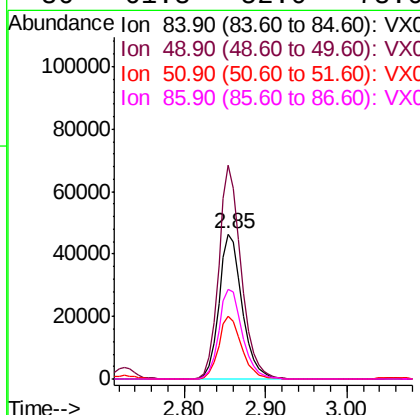
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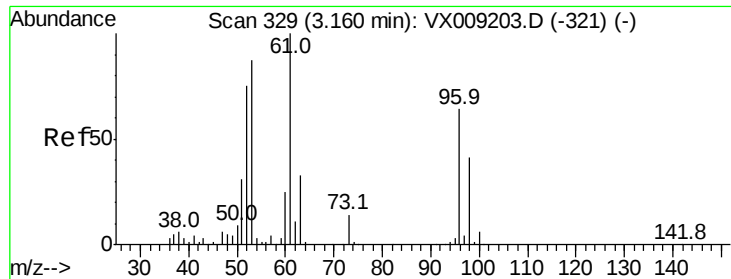


#20

Methylene Chloride
Concen: 43.807 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	90915		
49	147.3	109.9	164.9	
51	43.3	32.7	49.1	
86	61.8	52.0	78.0	





#21

trans-1,2-Dichloroethene

Concen: 44.709 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 96 Resp: 79552

Ion Ratio Lower Upper

96 100

61 160.3 124.5 186.7

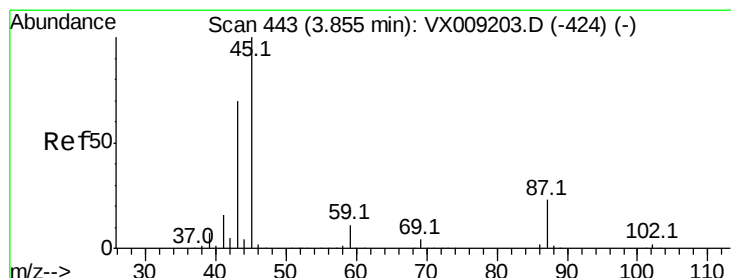
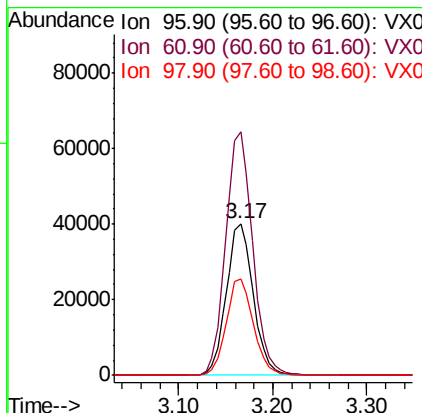
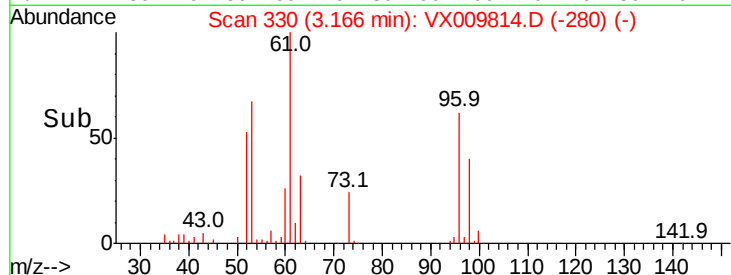
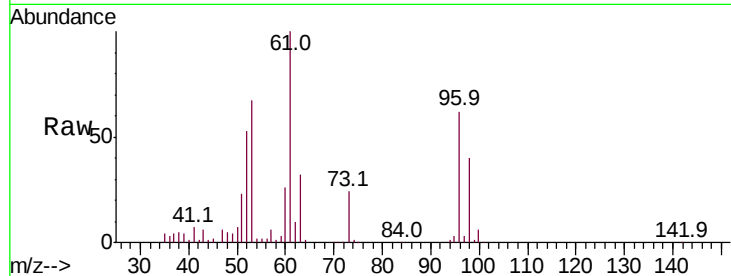
98 63.7 50.4 75.6

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#22

Diisopropyl ether

Concen: 46.133 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion: 45 Resp: 354734

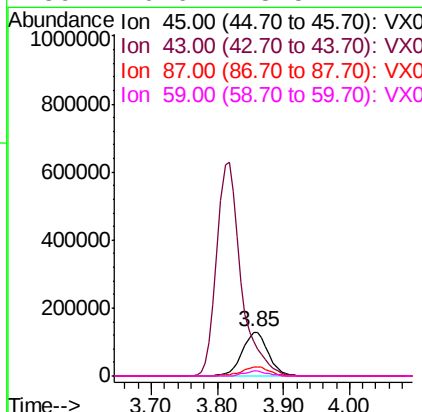
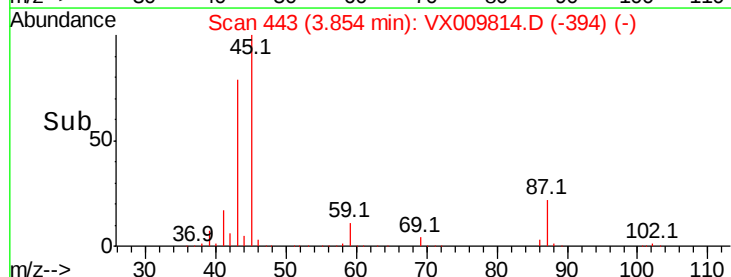
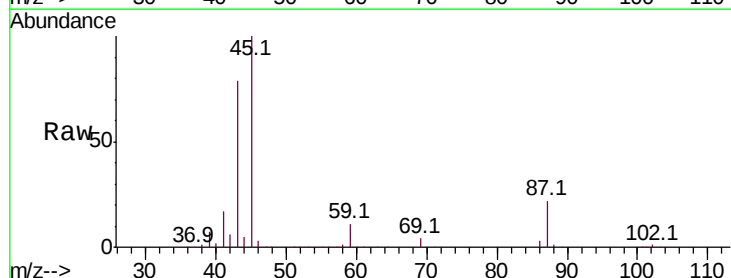
Ion Ratio Lower Upper

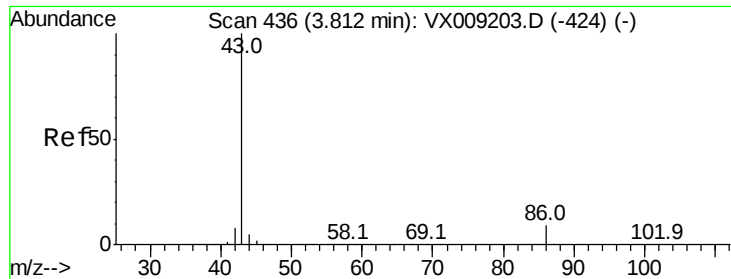
45 100

43 78.4 56.1 84.1

87 22.0 18.1 27.1

59 10.6 8.5 12.7





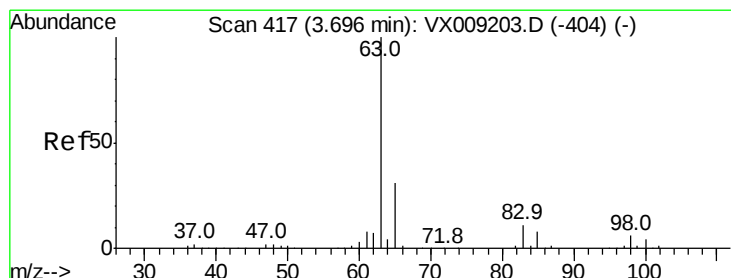
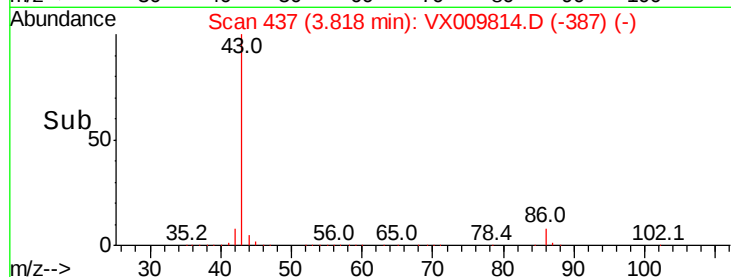
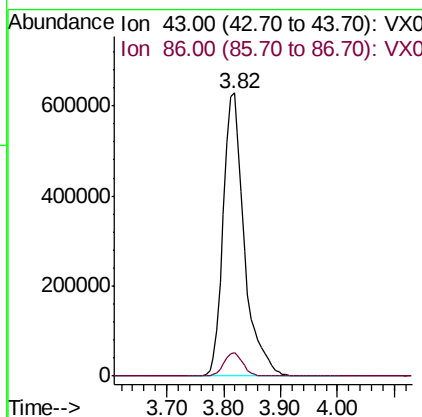
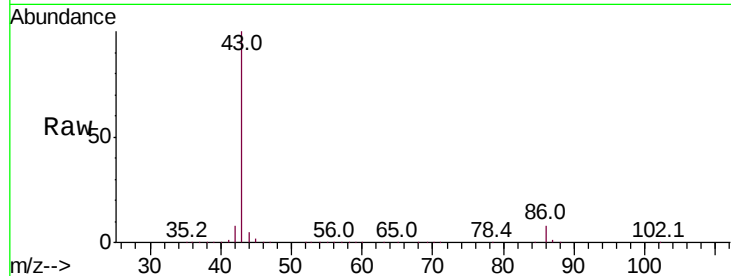
#23
 Vinyl Acetate
 Concen: 245.440 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion: 43 Resp: 1616101
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.9 10.3

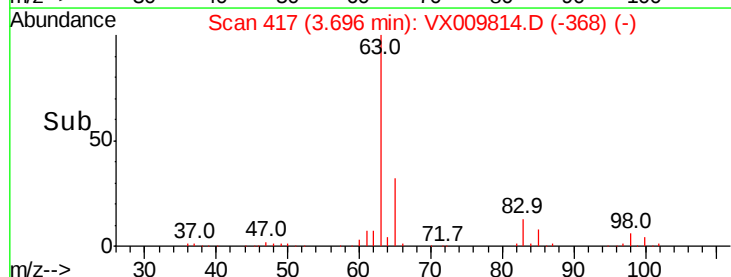
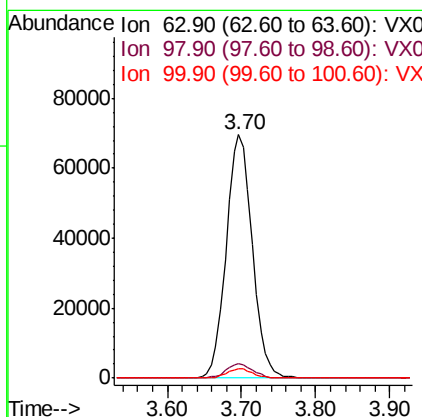
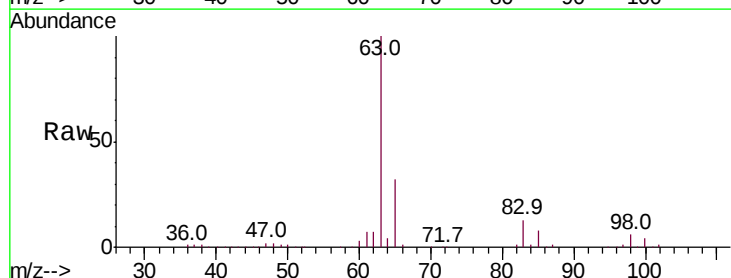
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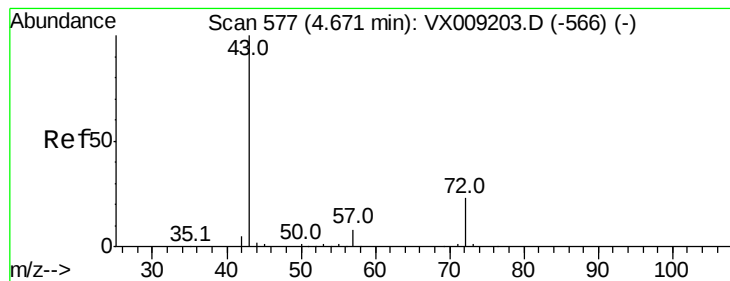
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#24
 1,1-Dichloroethane
 Concen: 44.821 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 63 Resp: 170019
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 228.312 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 43 Resp: 454754

Ion Ratio Lower Upper

43 100

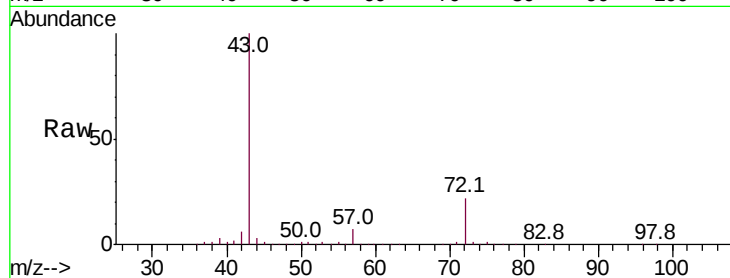
72 21.6 18.2 27.2

Manual Integrations

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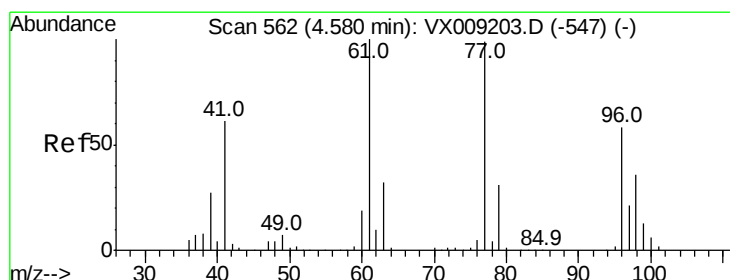
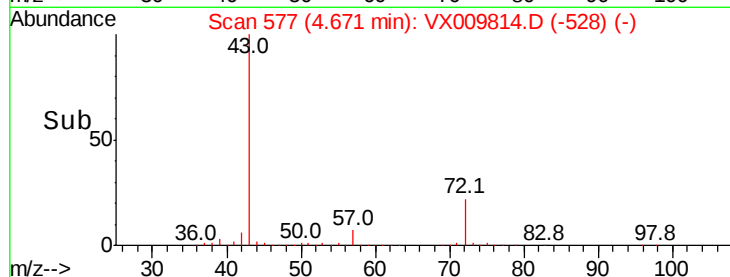
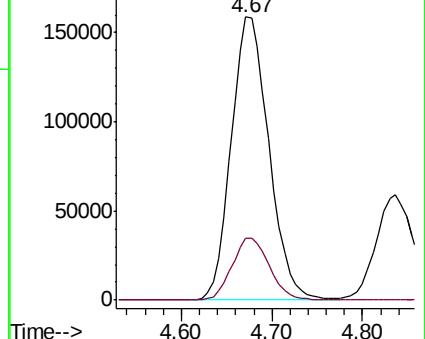
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.133 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009814.D

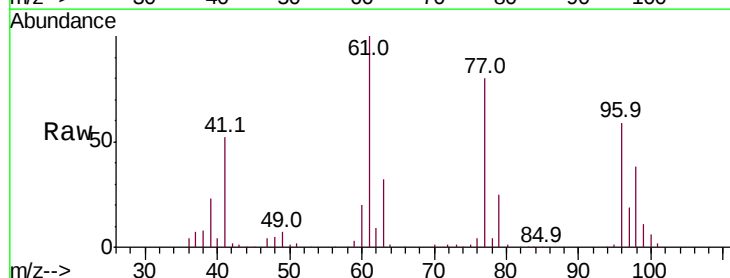
Acq: 22 May 2019 19:04

Tgt Ion: 77 Resp: 118962

Ion Ratio Lower Upper

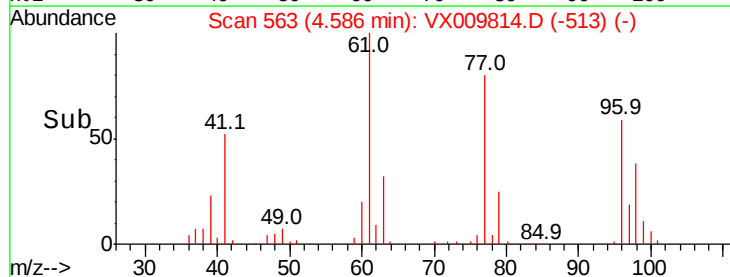
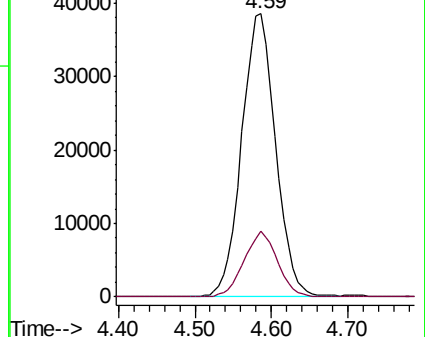
77 100

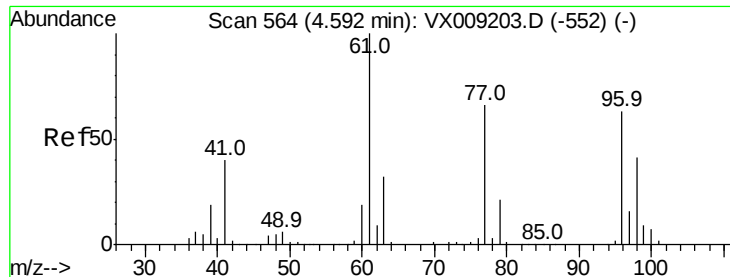
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

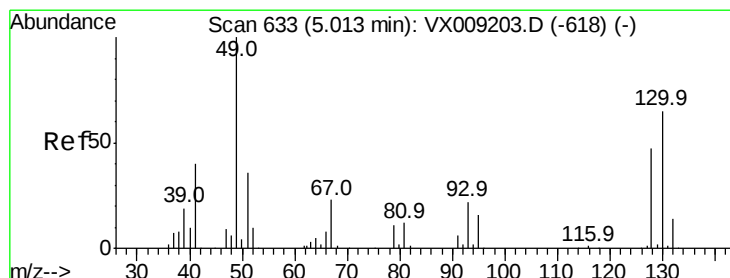
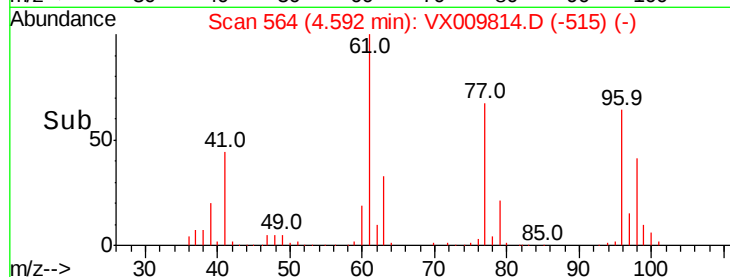
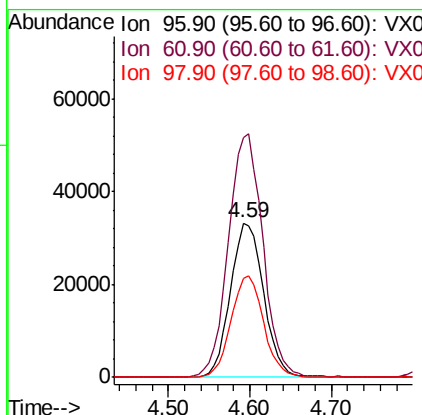
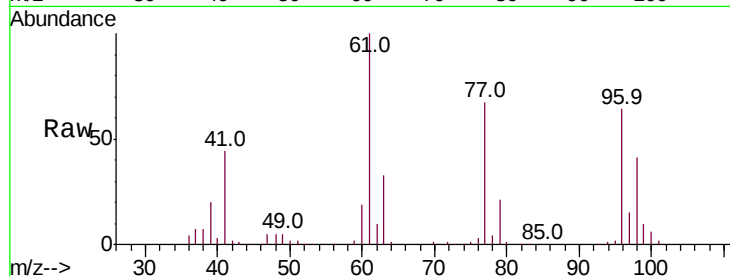
cis-1,2-Dichloroethene
Concen: 43.987 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	324.0
98	64.8	0.0	130.4

Manual Integrations
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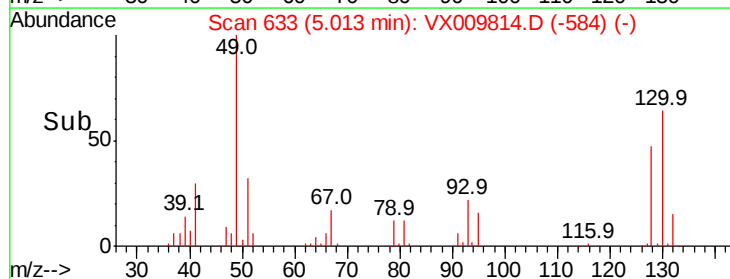
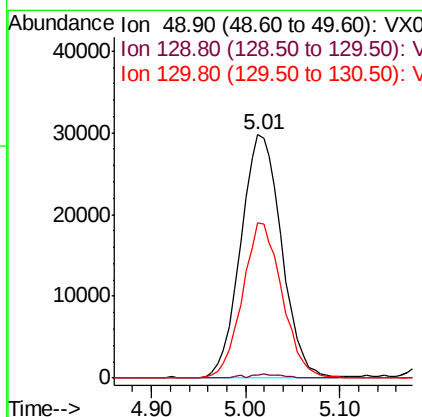
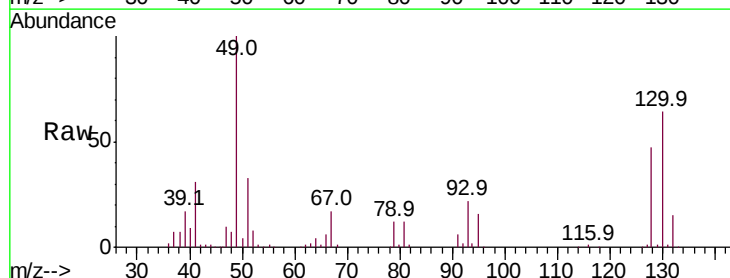
MMDadoda
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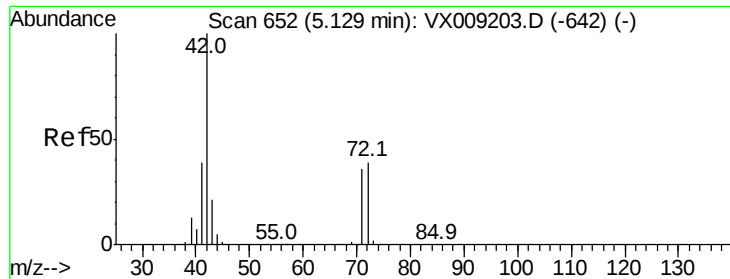


#28

Bromochloromethane
Concen: 59.346 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	62.3	51.2	76.8





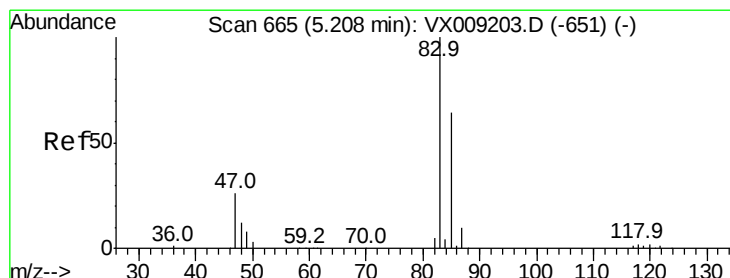
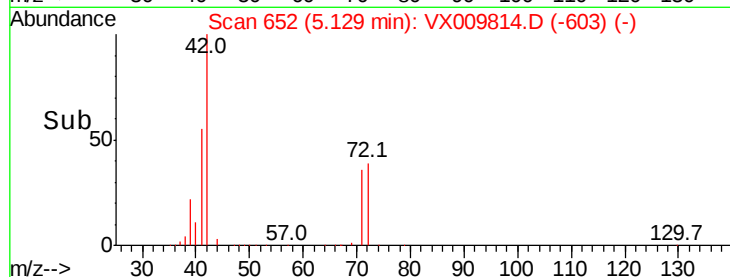
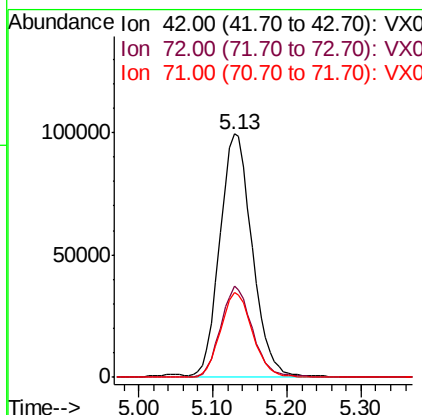
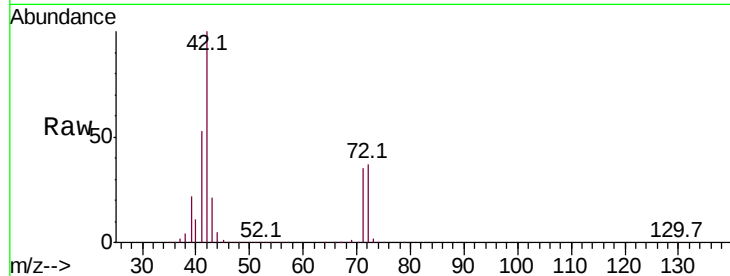
#29
Tetrahydrofuran
Concen: 234.491 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	30.4	45.6
71	34.5	28.6	43.0

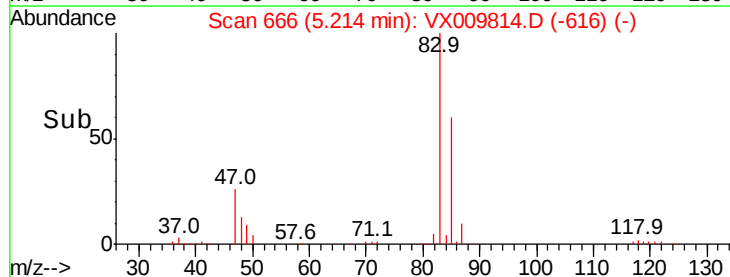
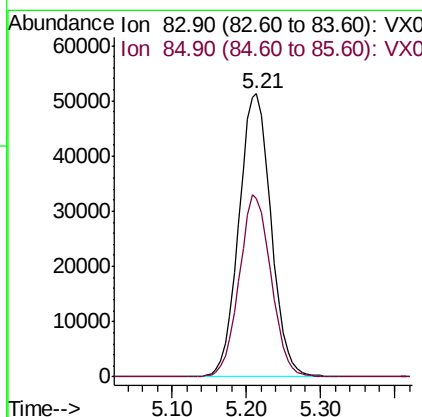
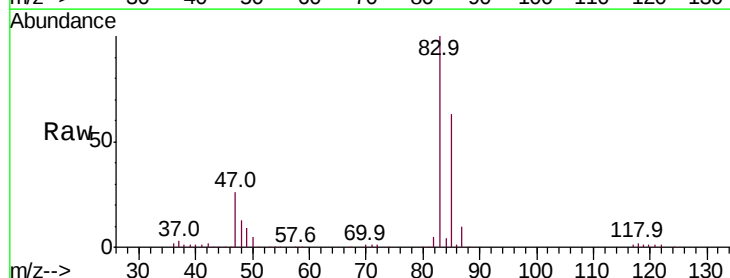
Manual Integrations
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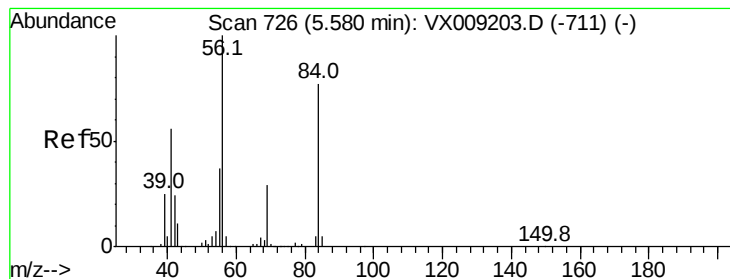
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#30
Chloroform
Concen: 45.376 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.5	77.3





#31

Cyclohexane

Concen: 47.298 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

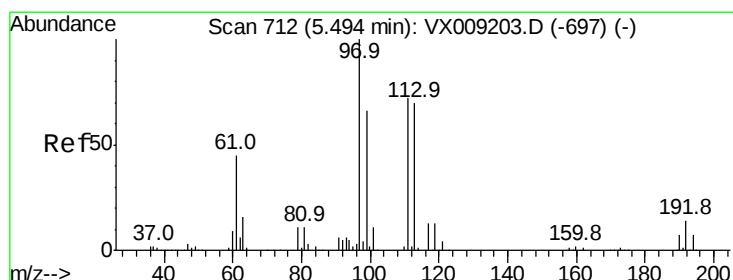
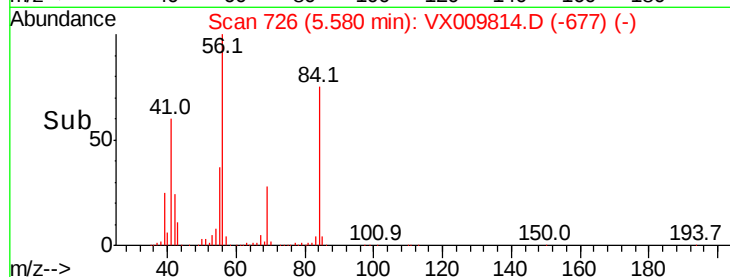
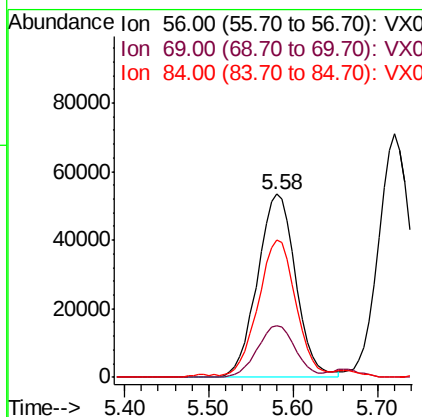
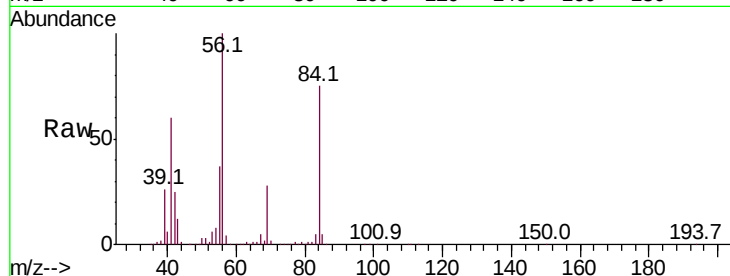
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:	56	Resp:	166922
Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.4	35.0
84	74.0	61.9	92.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 44.702 ug/l

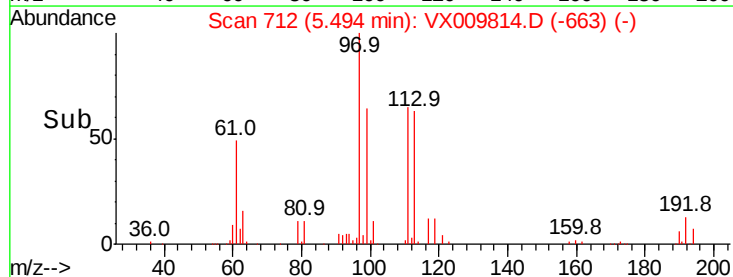
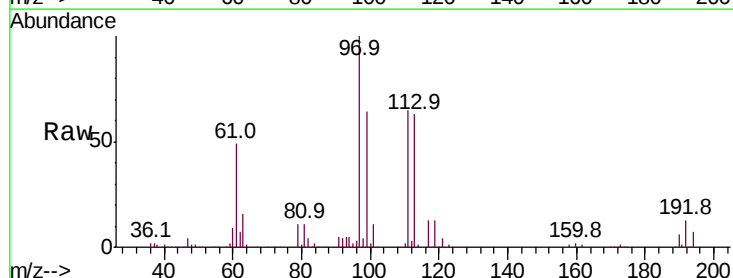
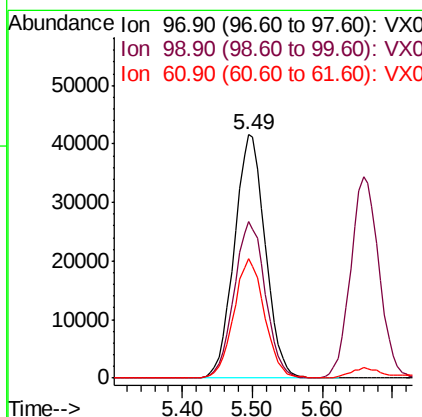
RT: 5.49 min Scan# 712

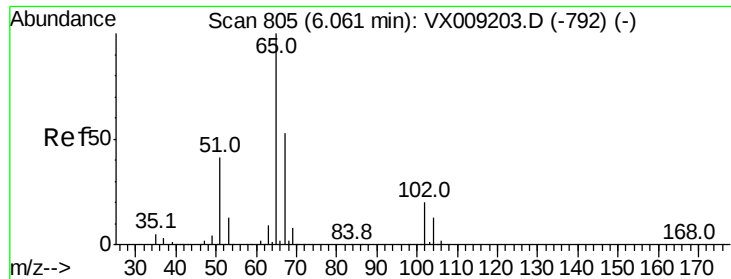
Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion:	97	Resp:	127666
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	48.6	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 45.524 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 65 Resp: 108669

Ion Ratio Lower Upper

65 100

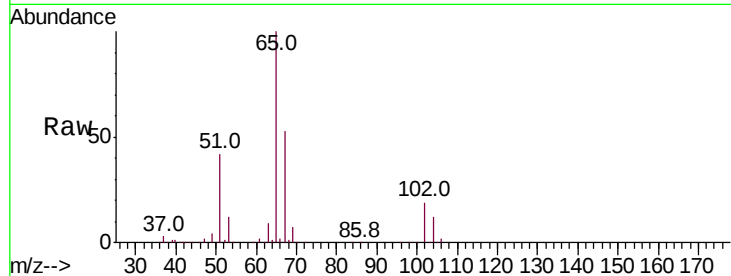
67 54.0 0.0 106.6

Manual Integrations

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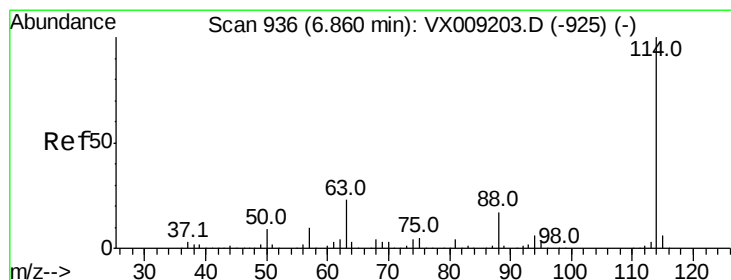
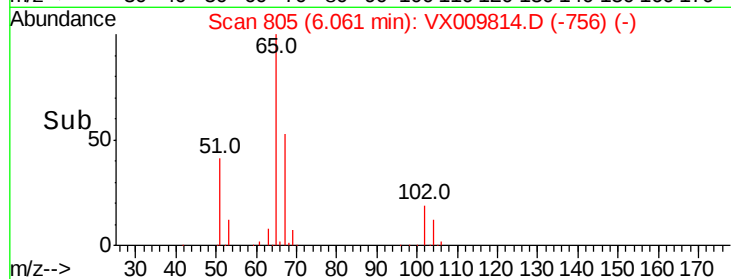
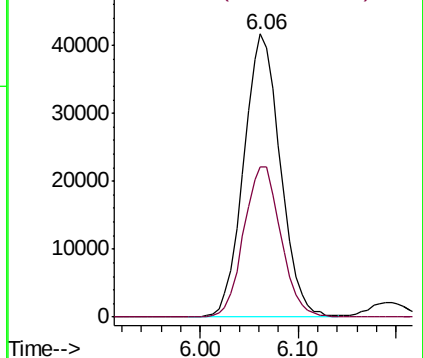
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

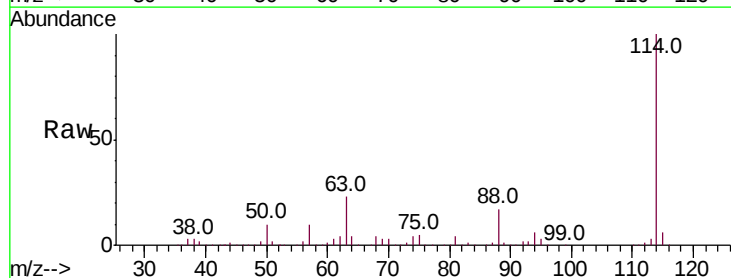
Tgt Ion:114 Resp: 282291

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

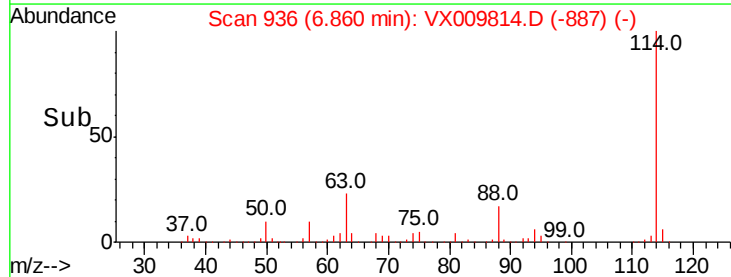
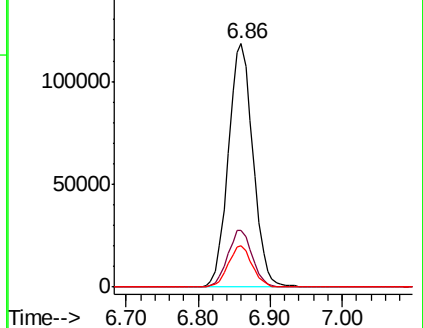
88 17.2 0.0 33.2

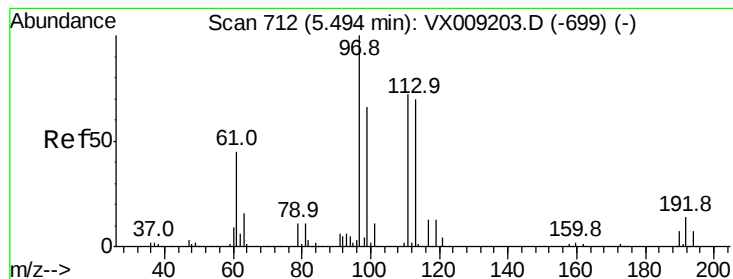


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.381 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

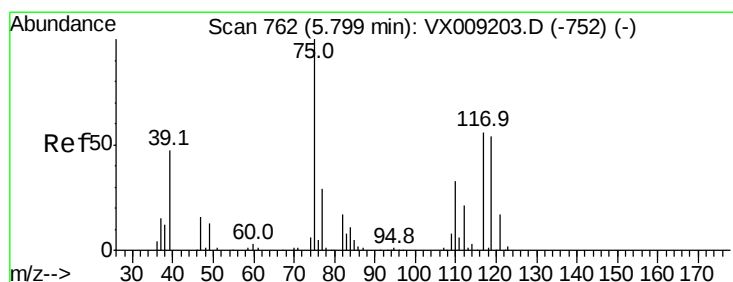
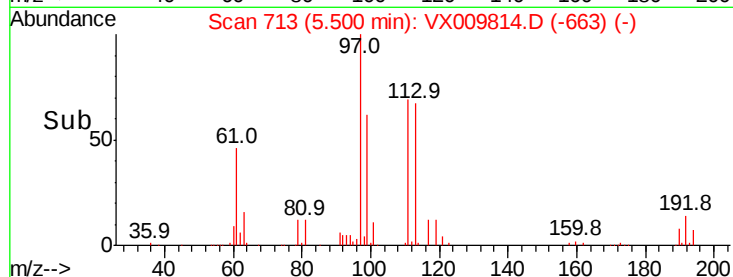
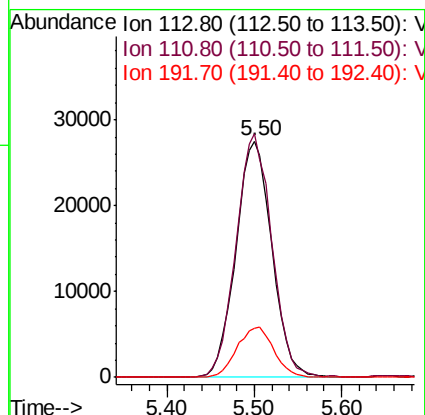
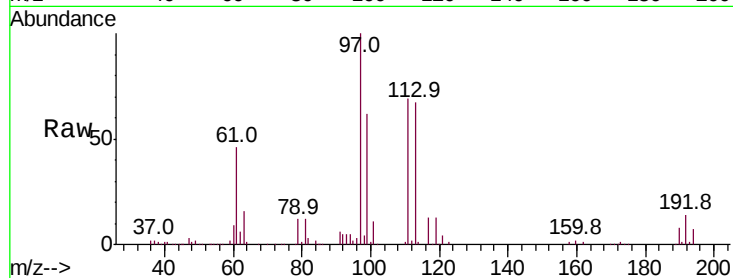
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	21.6	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.476 ug/l

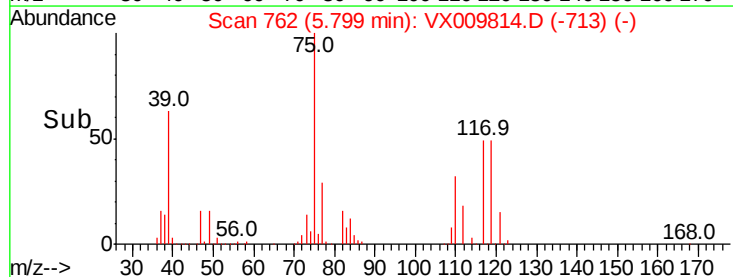
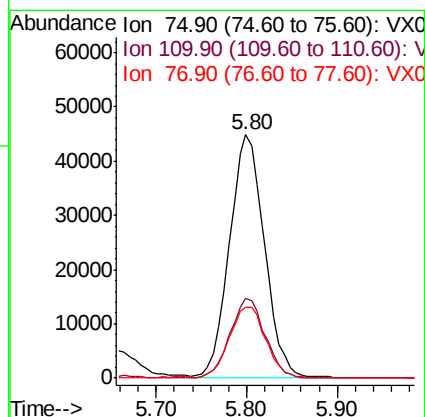
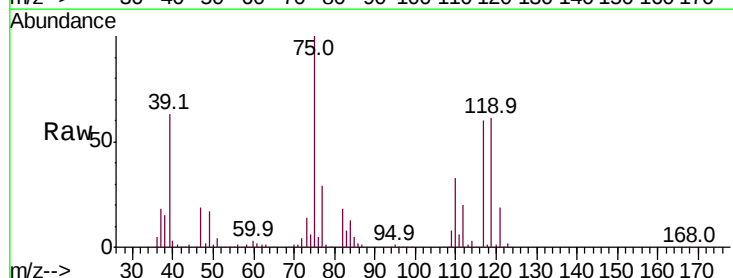
RT: 5.80 min Scan# 762

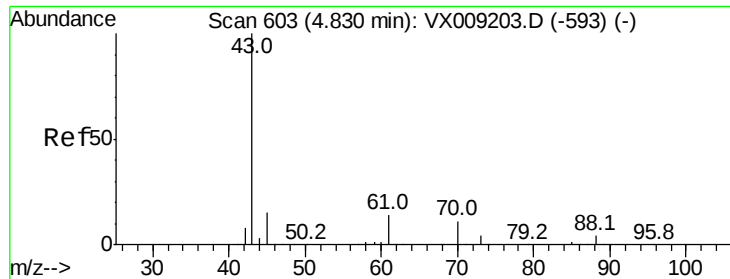
Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.9	50.6
77	30.9	24.8	37.2





#37

Ethyl Acetate

Concen: 47.119 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

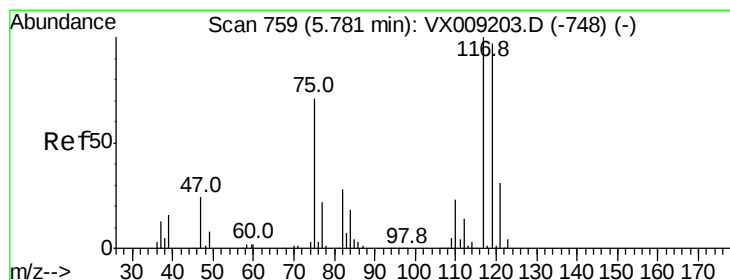
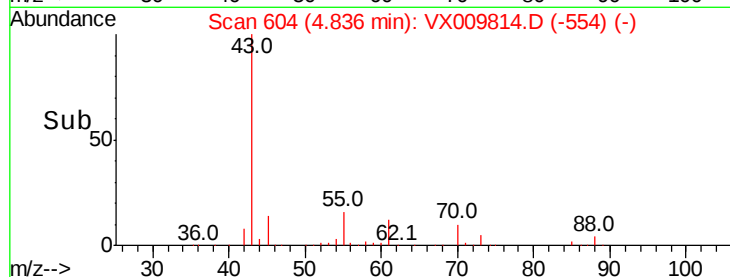
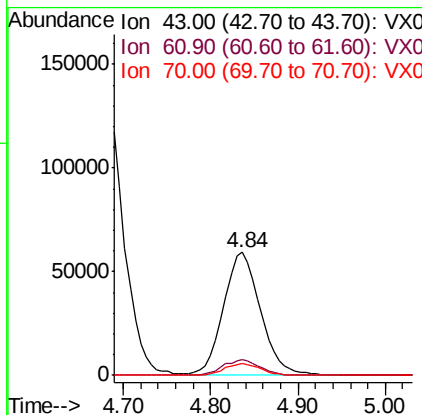
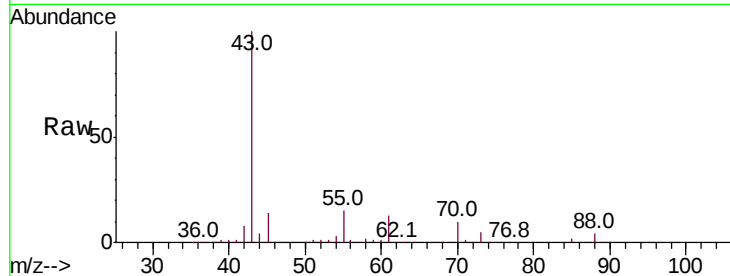
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:	43	Resp:	172225
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.4	7.9	11.9

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 44.295 ug/l

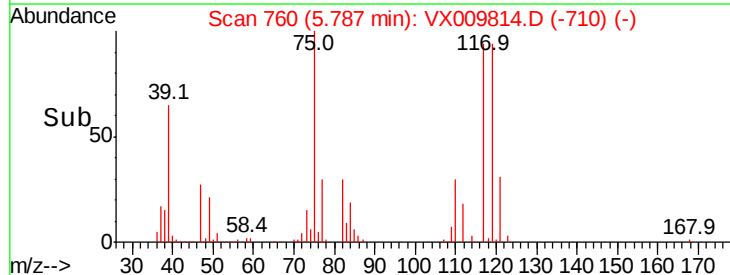
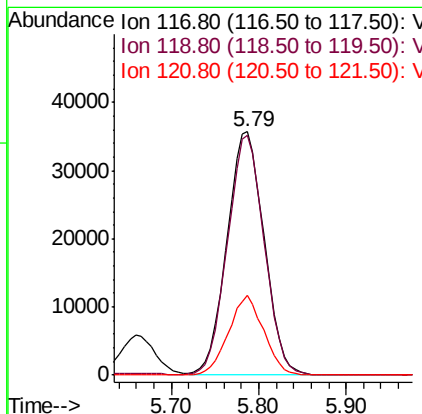
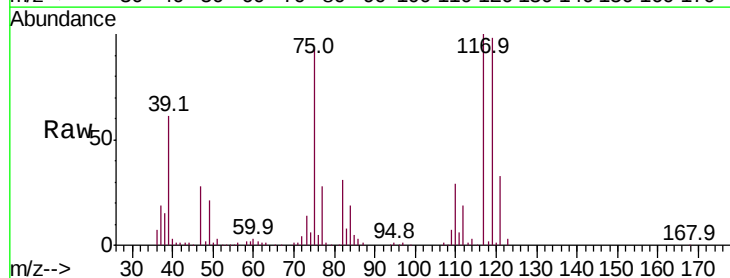
RT: 5.79 min Scan# 760

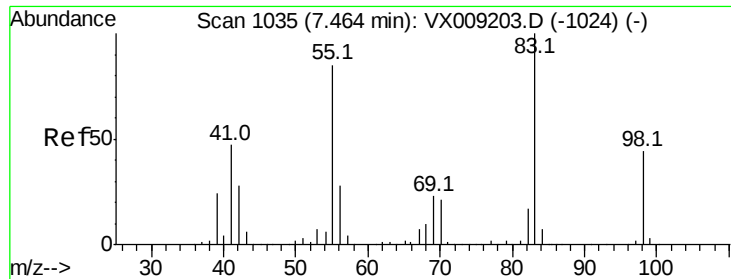
Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion:	117	Resp:	105577
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.5	116.3
121	32.5	24.7	37.1





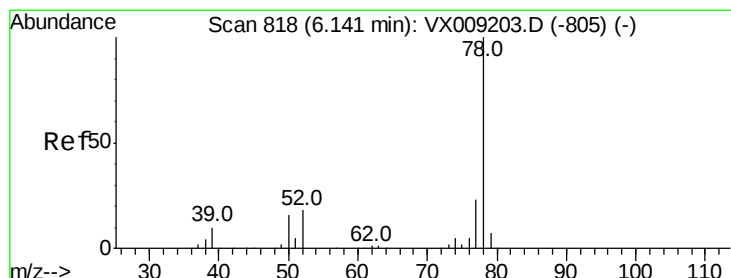
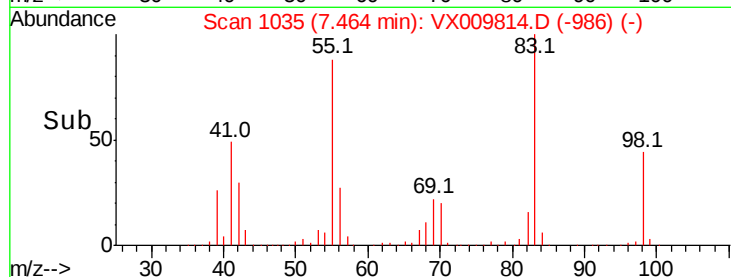
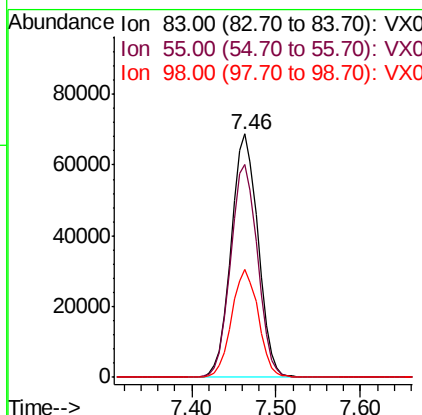
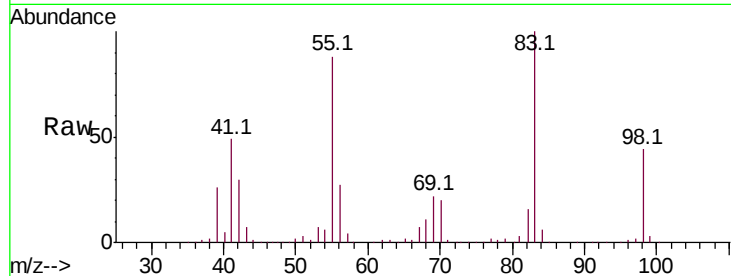
#39
Methvlcvclohexane
Concen: 46.099 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	83	Resp	148519
Ion Ratio	100	Lower	Upper
83	100		
55	87.6	67.7	101.5
98	44.2	35.5	53.3

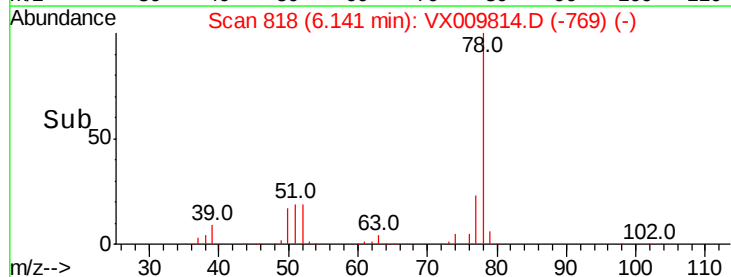
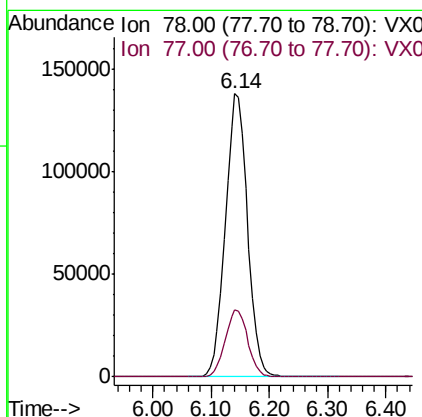
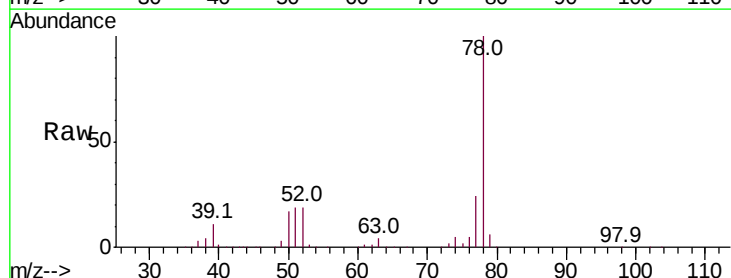
Manual Integrations
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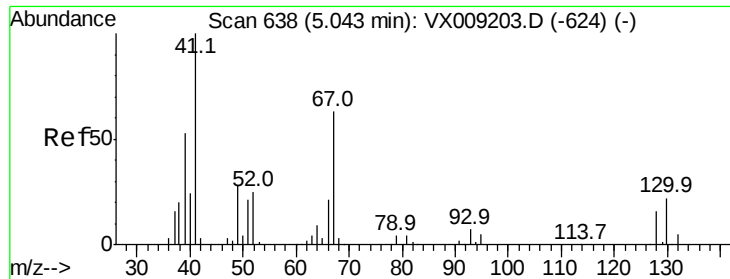
MMDadoda
5/23/2019 10:45:03 AM



#40
Benzene
Concen: 44.997 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	78	Resp	365325
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 45.423 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

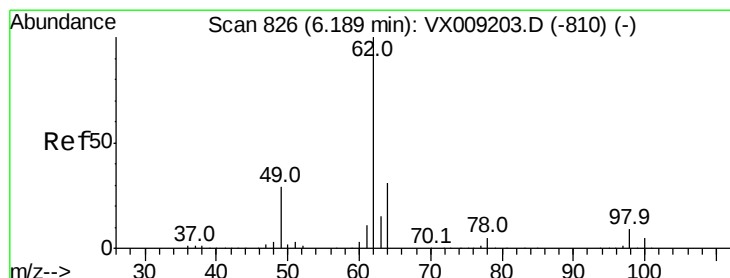
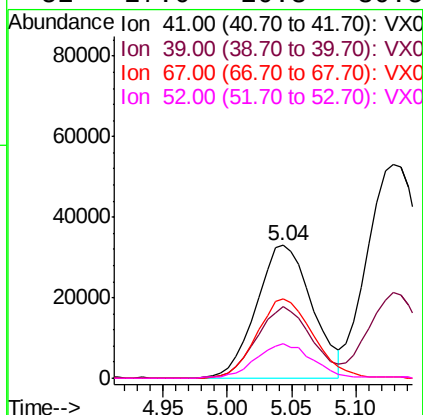
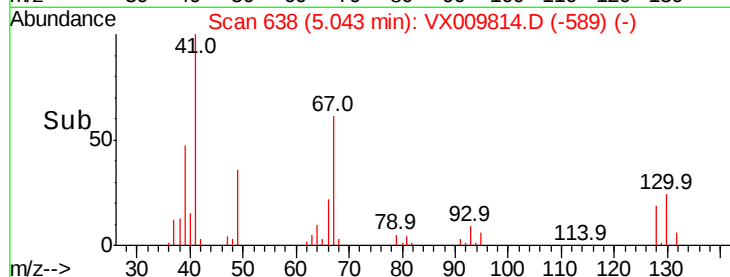
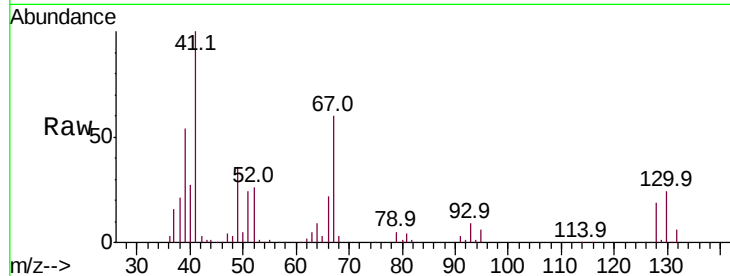
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.0	63.0	
67	60.9	49.8	74.8	
52	27.0	20.3	30.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 46.296 ug/l

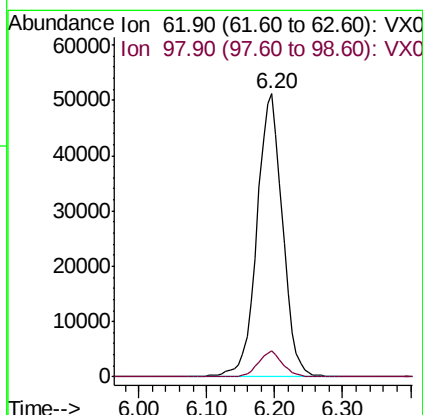
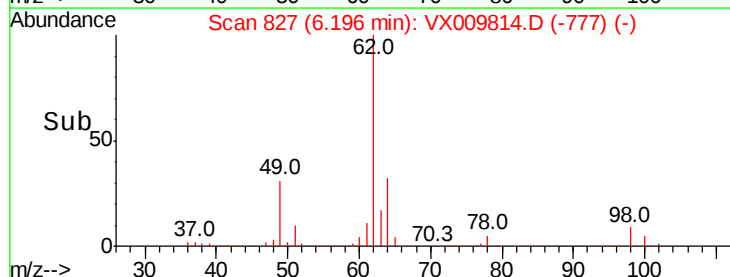
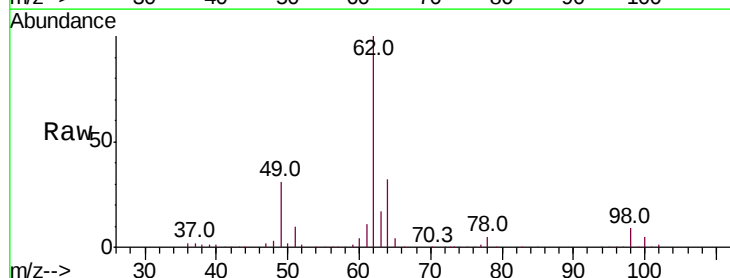
RT: 6.20 min Scan# 827

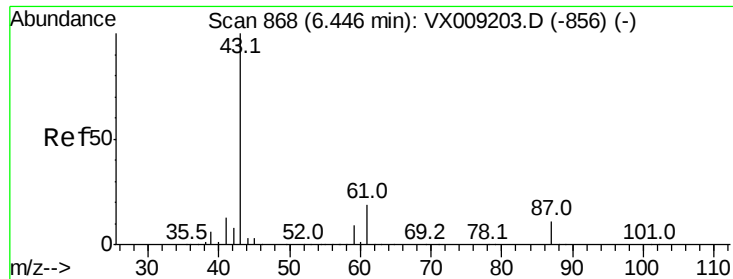
Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	18.2	





#43

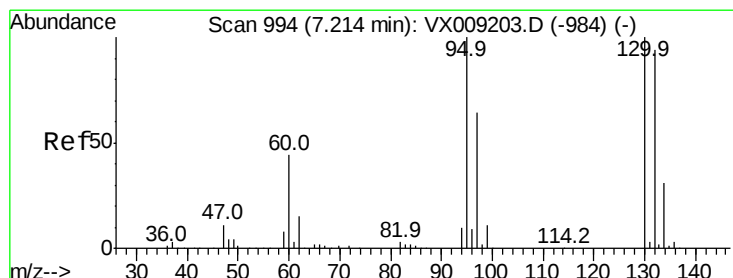
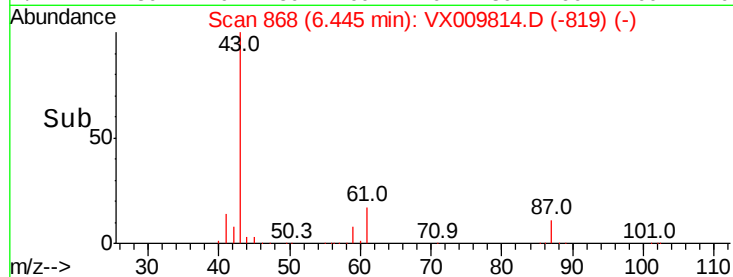
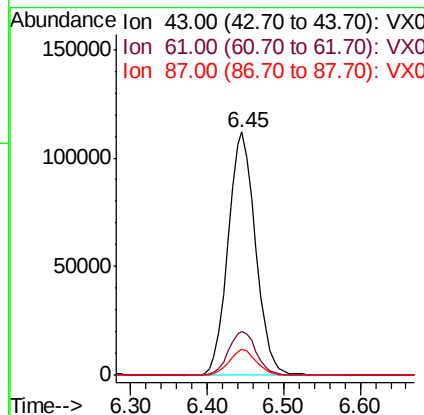
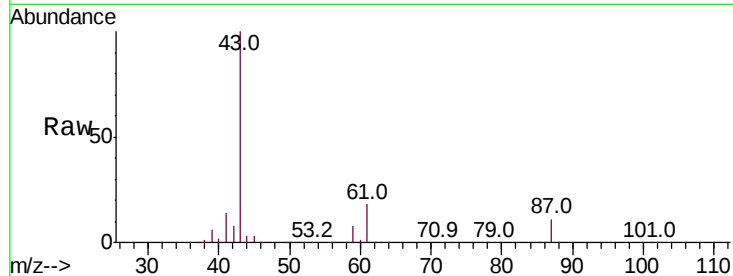
Isopropyl Acetate
 Concen: 47.199 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.1	22.7
87	10.5	9.0	13.6

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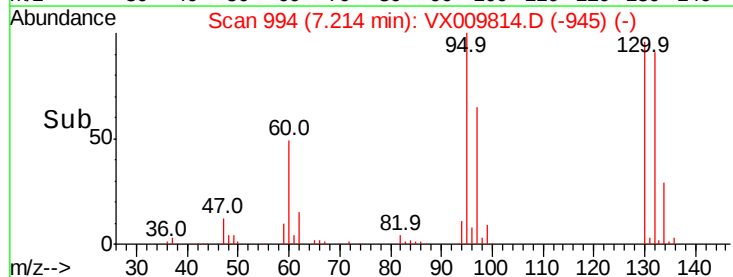
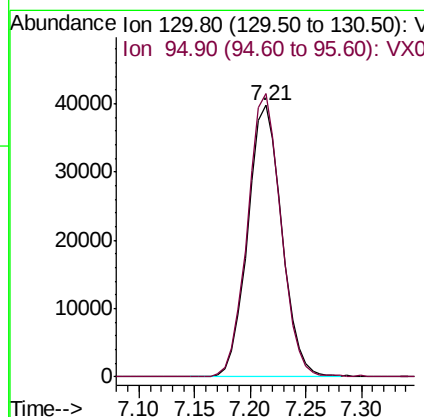
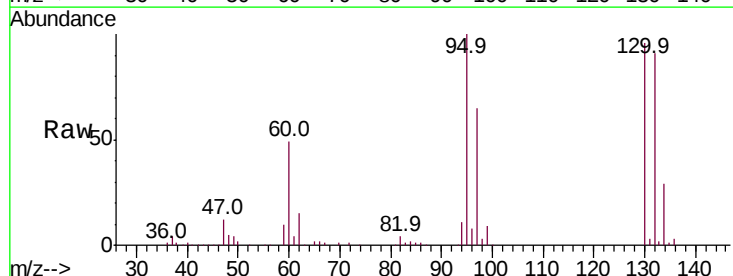
MMDadoda
 5/23/2019 10:45:03 AM

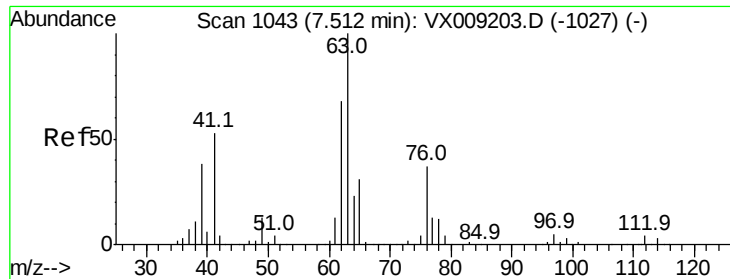


#44

Trichloroethene
 Concen: 43.298 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	199.2





#45

1,2-Dichloropropane

Concen: 45.337 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 63 Resp: 104227

Ion Ratio Lower Upper

63 100

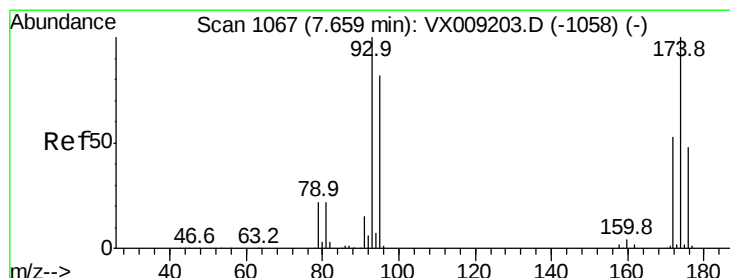
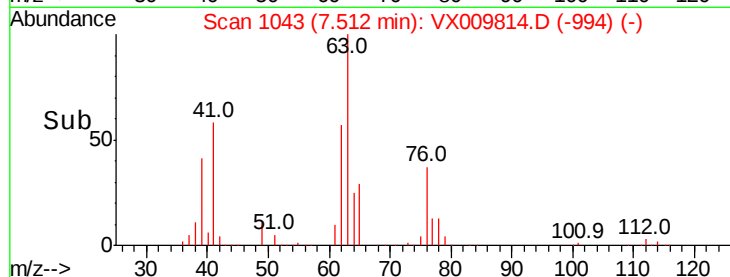
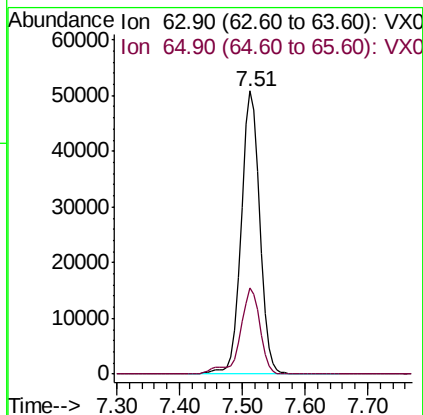
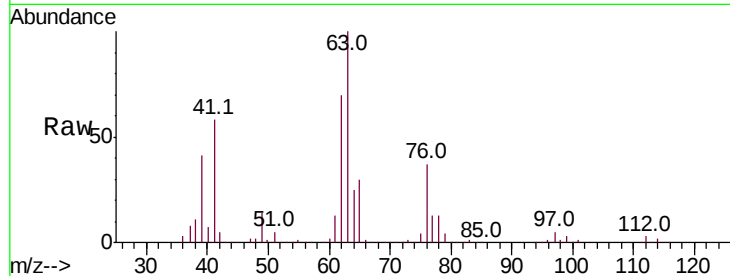
65 30.4 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 44.460 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

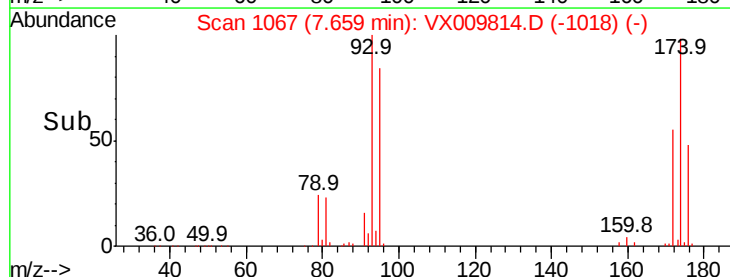
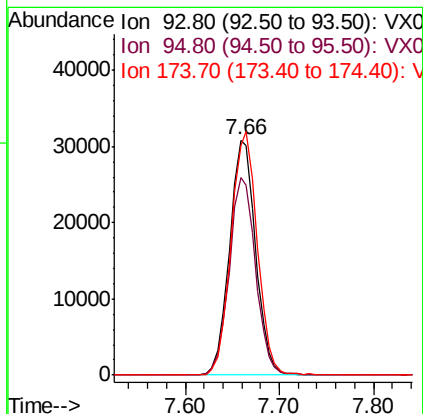
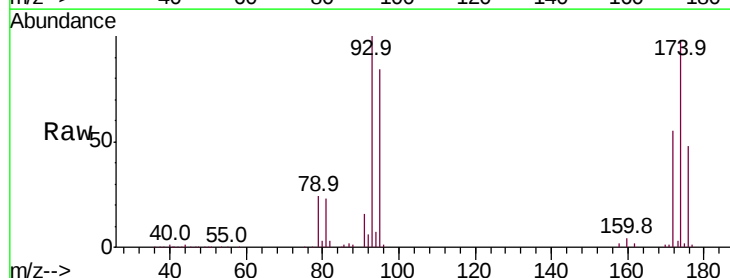
Tgt Ion: 93 Resp: 59354

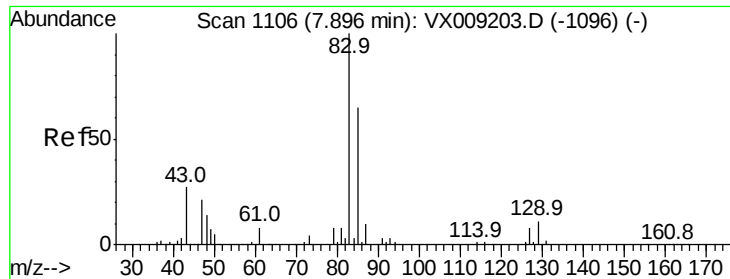
Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

174 104.2 82.1 123.1





#47

Bromodichloromethane

Concen: 45.188 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

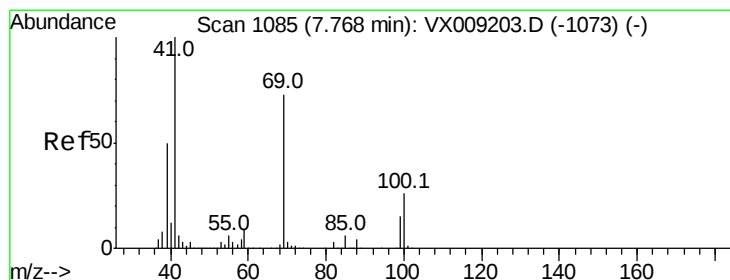
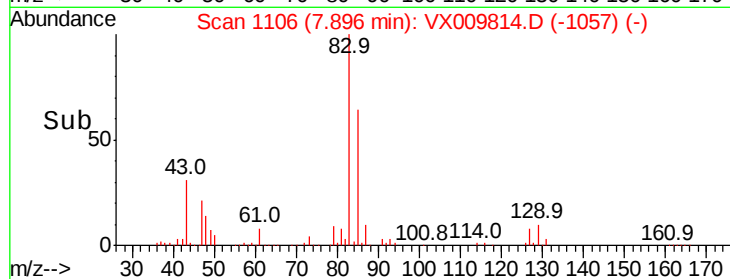
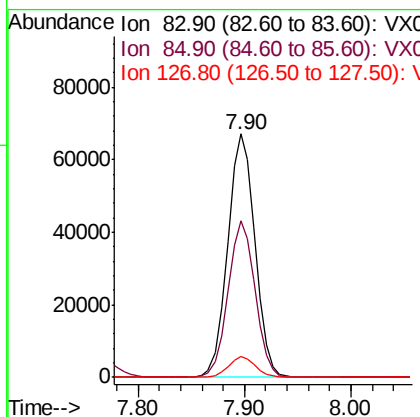
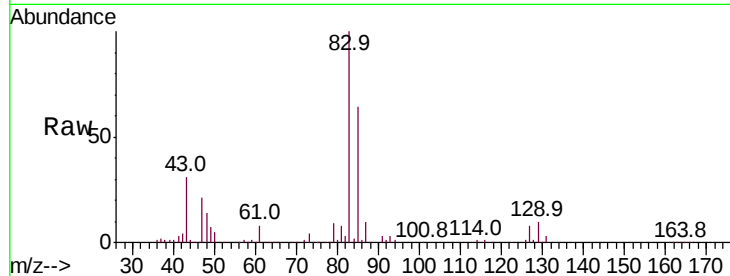
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:	83	Resp:	120336
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.4	78.6
127	8.4	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.618 ug/l

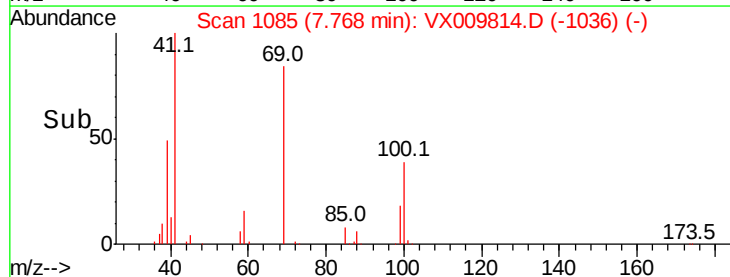
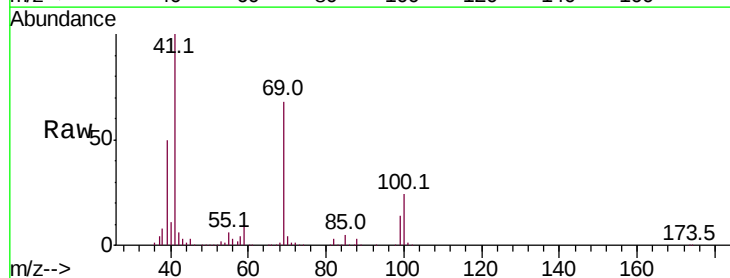
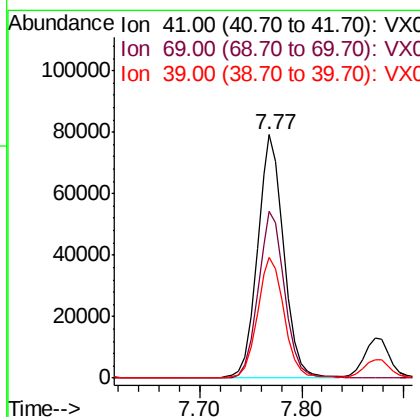
RT: 7.77 min Scan# 1085

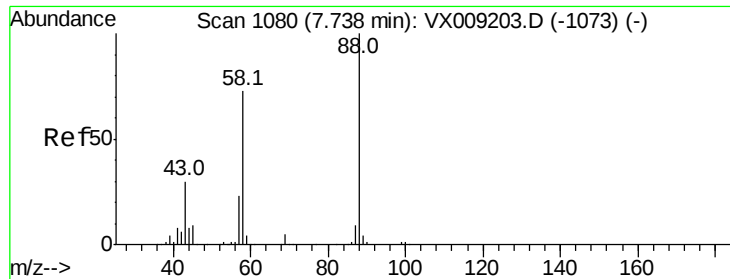
Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion:	41	Resp:	141024
Ion	Ratio	Lower	Upper
41	100		
69	69.5	59.1	88.7
39	50.5	40.4	60.6





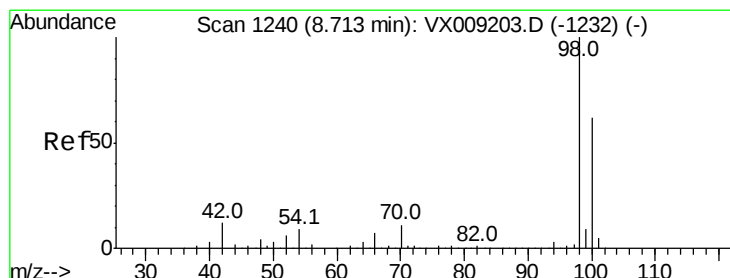
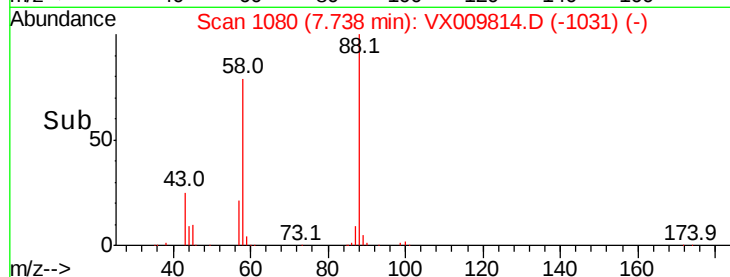
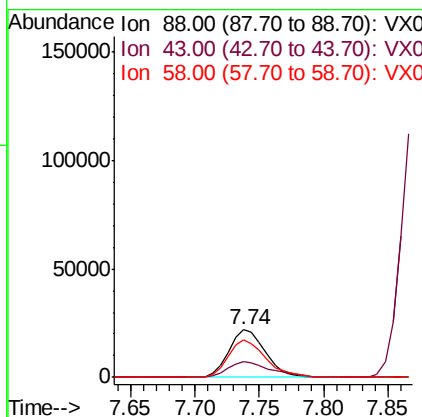
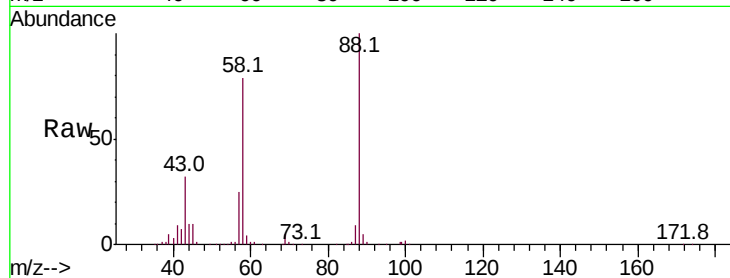
#49
1,4-Dioxane
Concen: 740.136 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.4	28.6	42.8
58	80.7	61.7	92.5

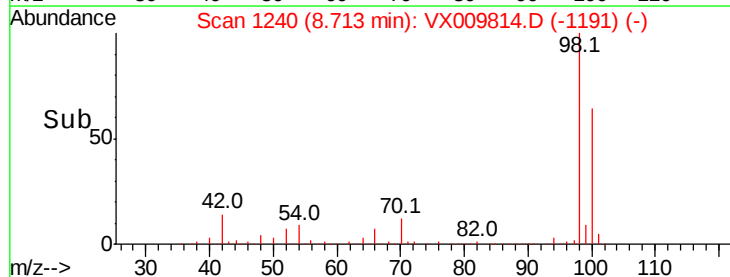
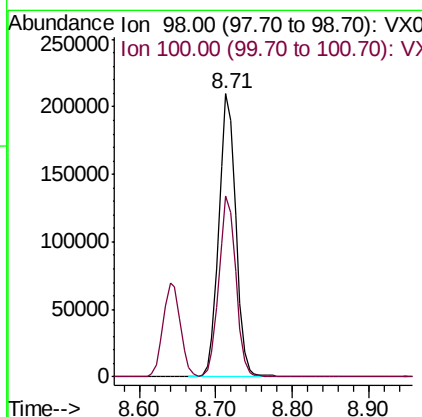
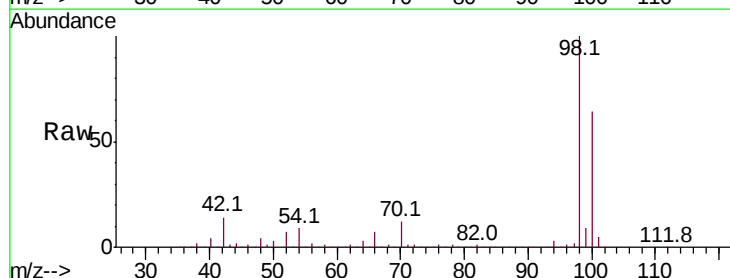
Manual Integrations
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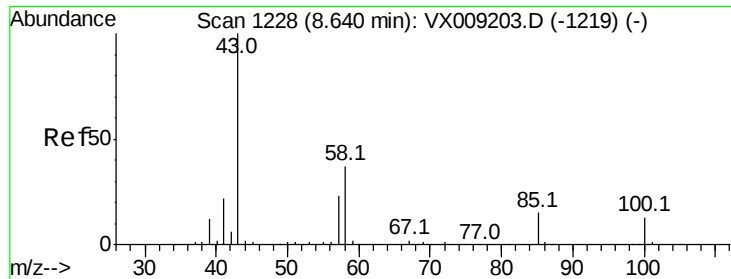
MMDadoda
5/23/2019 10:45:03 AM



#50
Toluene-d8
Concen: 45.071 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 240.409 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 43 Resp: 918710

Ion Ratio Lower Upper

43 100

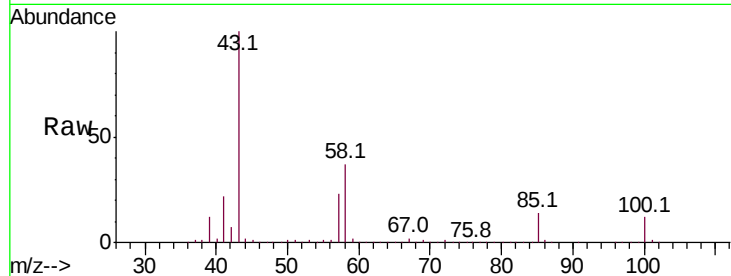
58 36.1 29.5 44.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

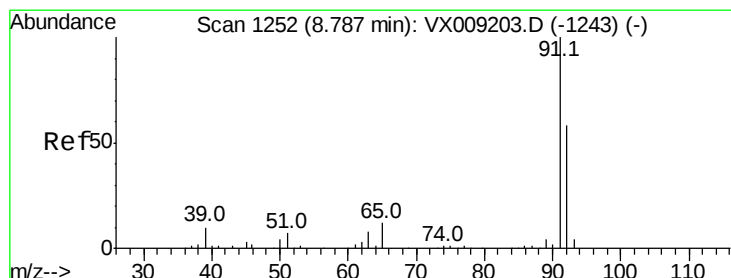
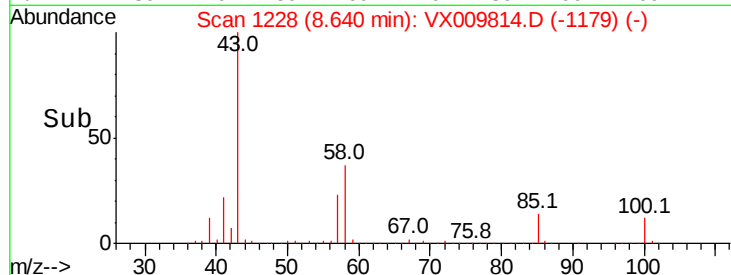
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 45.803 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009814.D

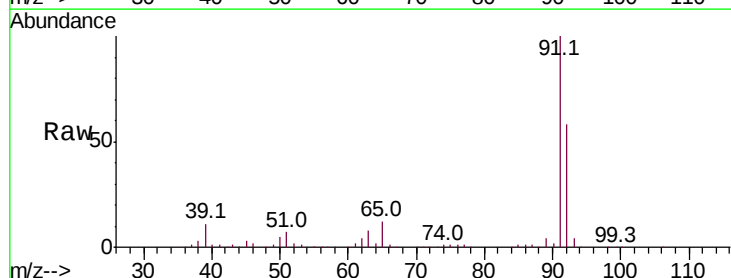
Acq: 22 May 2019 19:04

Tgt Ion: 92 Resp: 226049

Ion Ratio Lower Upper

92 100

91 172.7 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

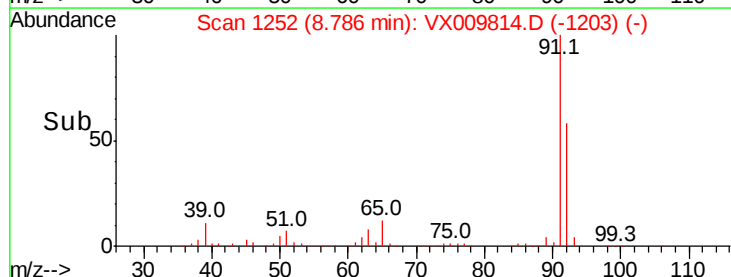
150000

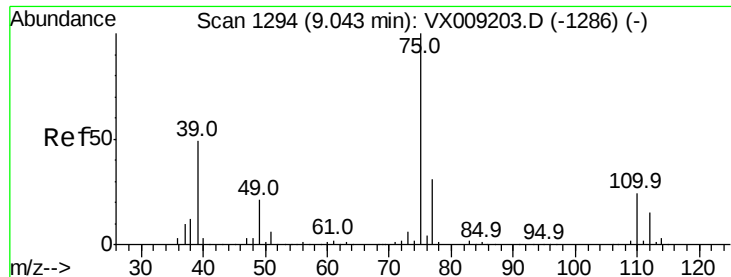
100000

50000

0

Time-->





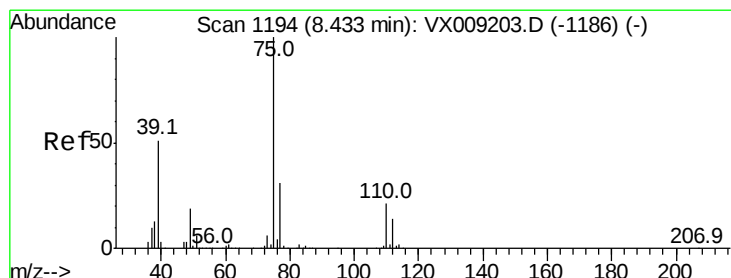
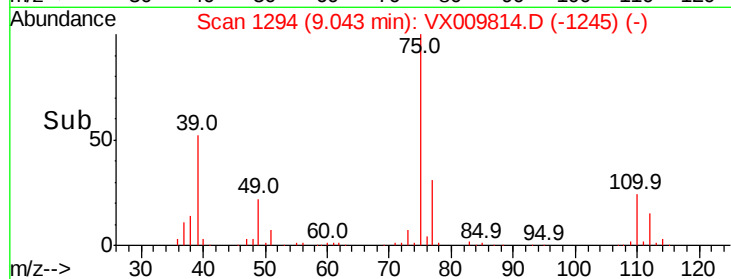
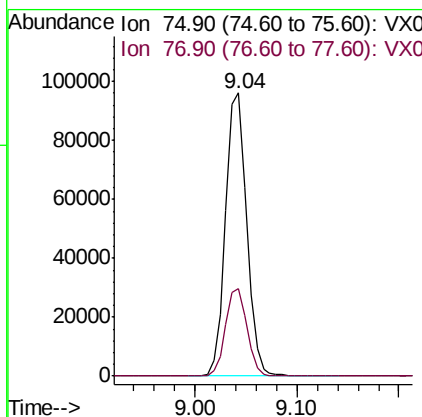
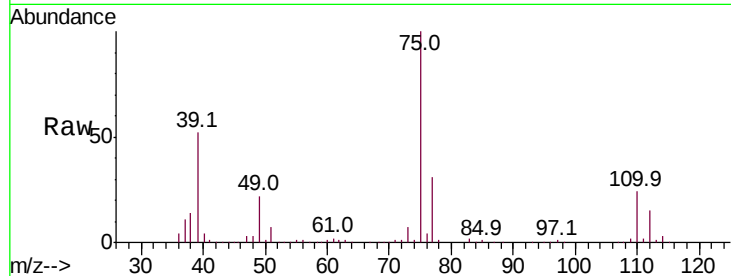
#53
 t-1,3-Dichloropropene
 Concen: 46.224 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion: 75 Resp: 138975
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.6

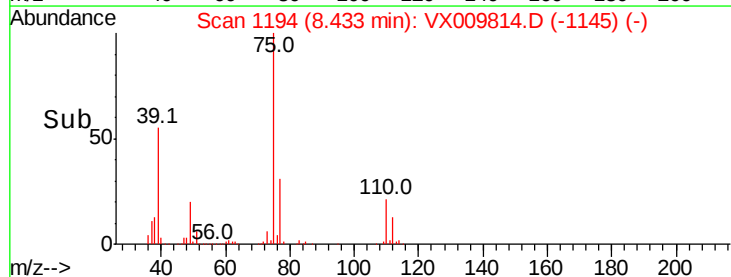
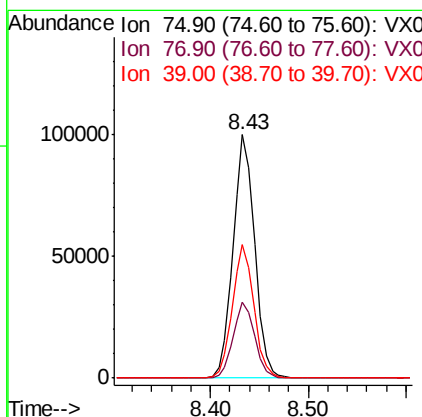
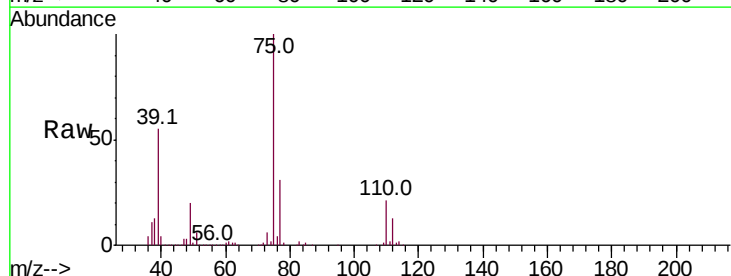
Manual Integrations
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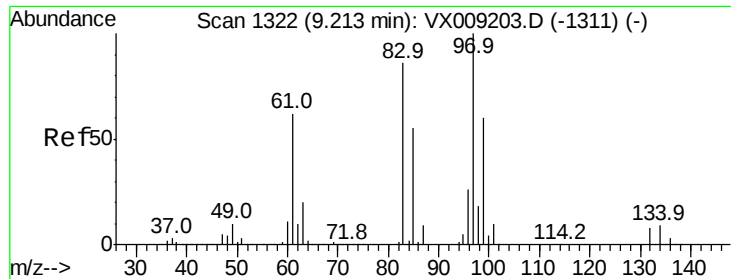
MMDadoda
 5/23/2019 10:45:03 AM



#54
 cis-1,3-Dichloropropene
 Concen: 45.964 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 75 Resp: 152960
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 54.9 40.6 60.8





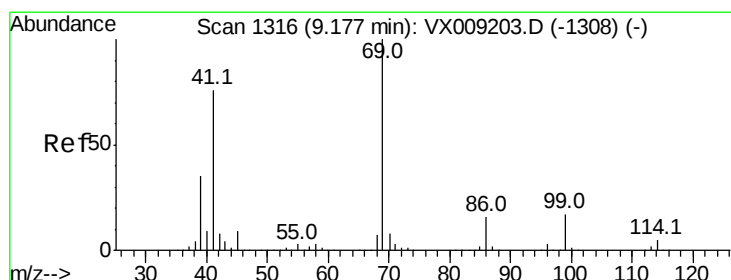
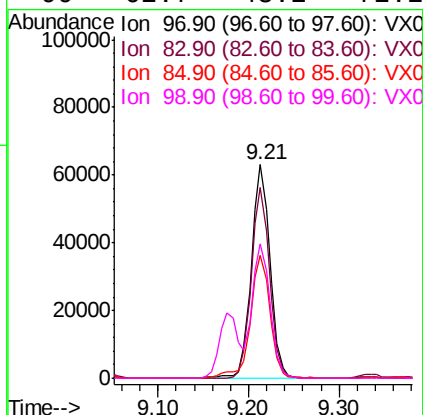
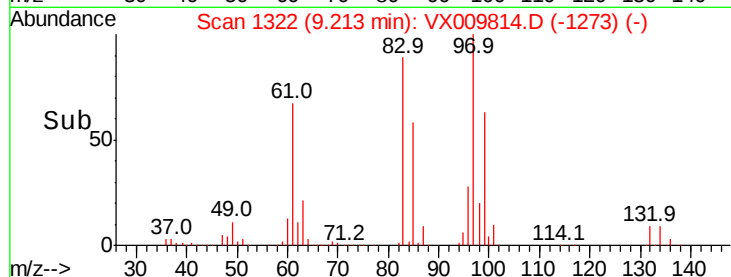
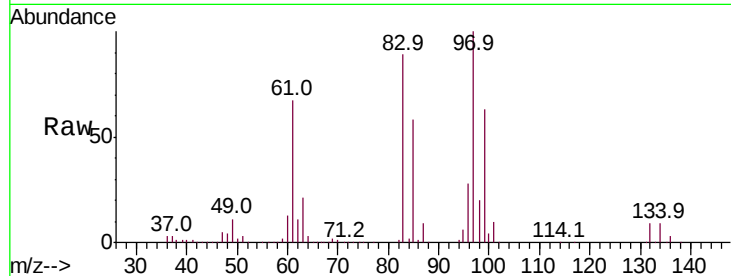
#55
1,1,2-Trichloroethane
Concen: 44.613 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Resp	Lower	Upper
97	100	89825		
83	89.5	68.9	103.3	
85	57.6	43.8	65.6	
99	62.7	48.2	72.2	

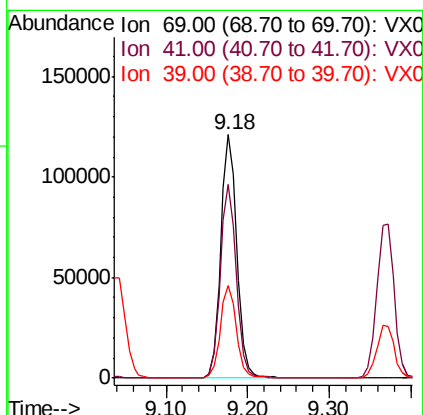
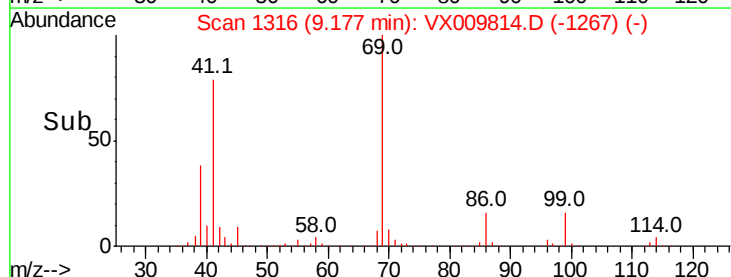
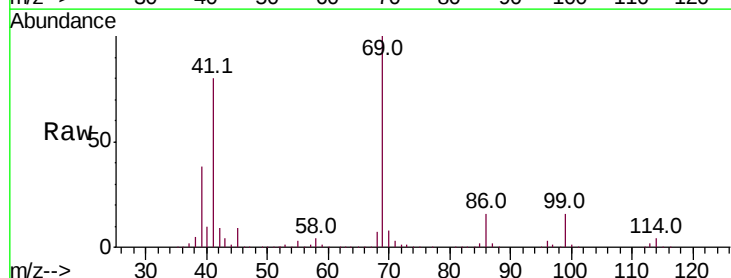
Manual Integrations
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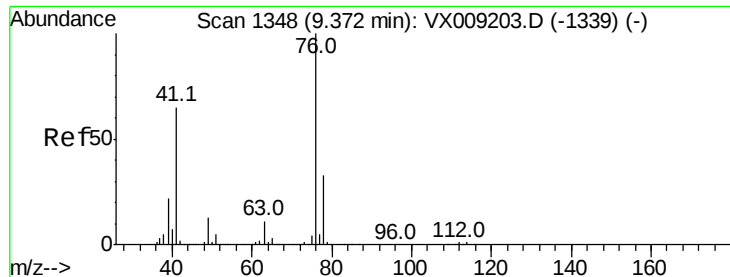
MMDadoda
5/23/2019 10:45:03 AM



#56
Ethyl methacrylate
Concen: 46.544 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	167285		
41	79.1	60.6	90.8	
39	37.9	28.2	42.4	





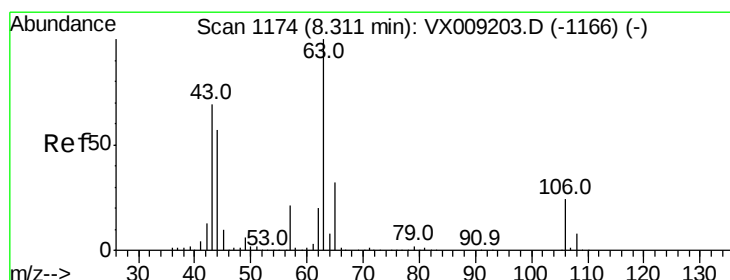
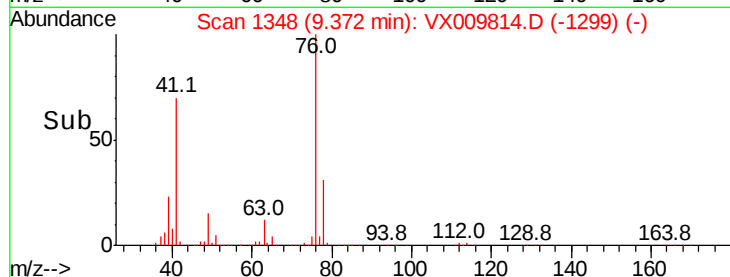
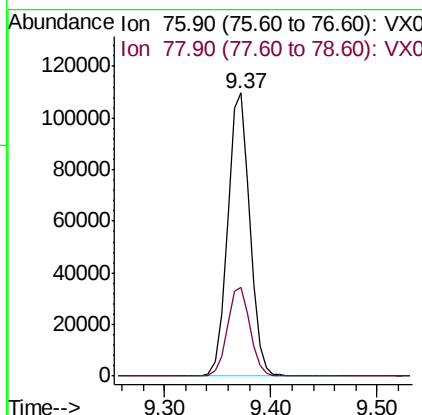
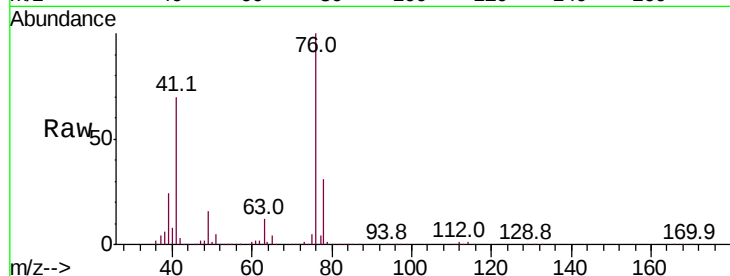
#57
 1,3-Dichloropropane
 Concen: 45.003 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

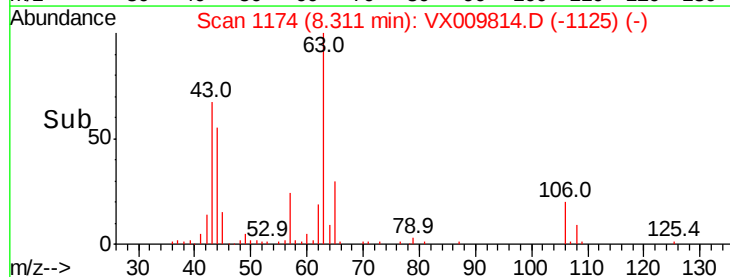
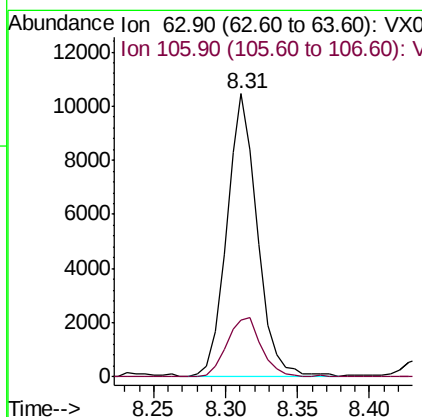
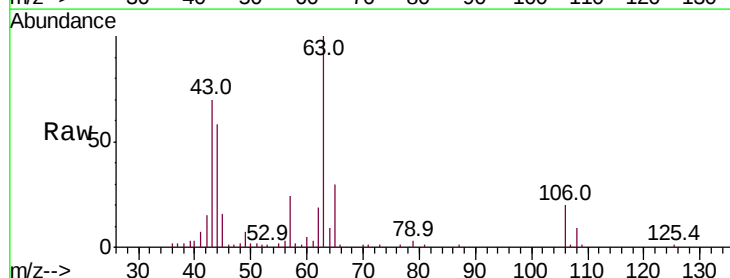
Manual Integrations
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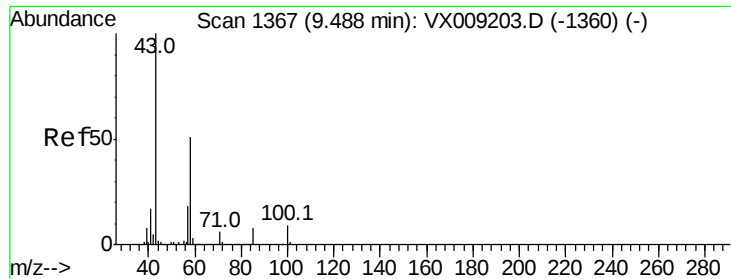
MMDadoda
 5/23/2019 10:45:03 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 8.157 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.2	19.7	29.5





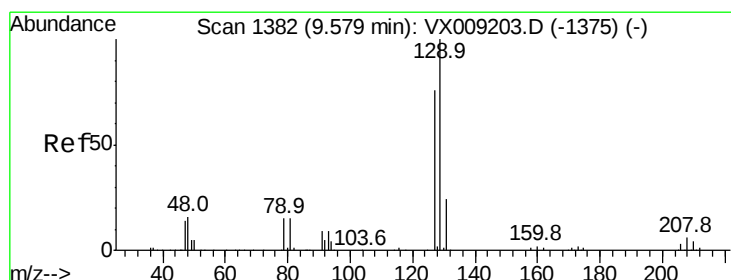
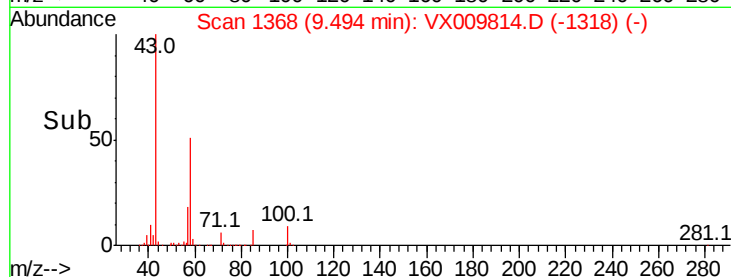
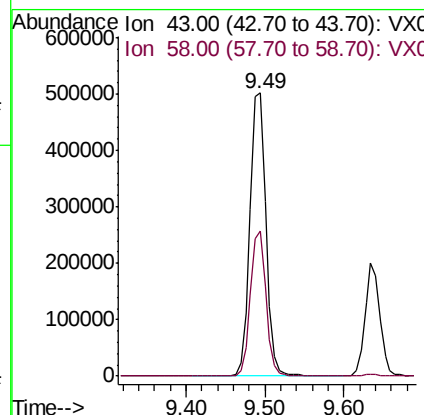
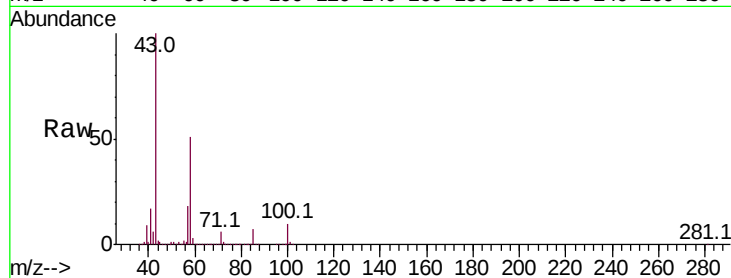
#59
2-Hexanone
Concen: 235.460 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion: 43 Resp: 706688
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7

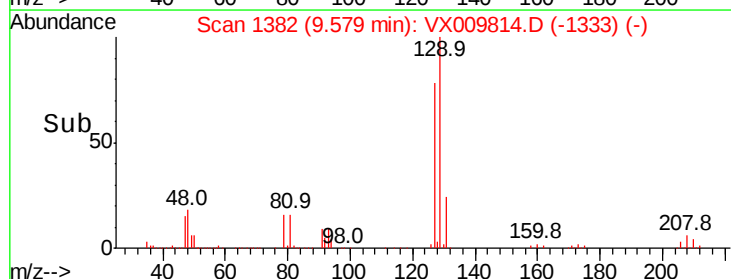
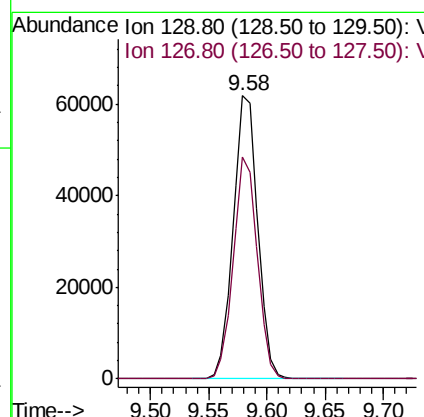
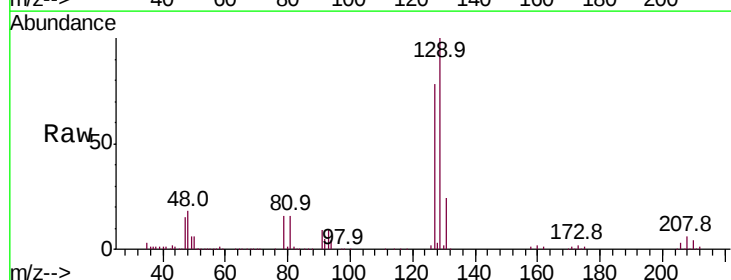
Manual Integrations
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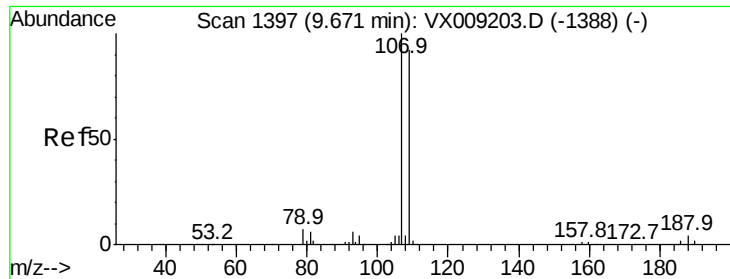
MMDadoda
5/23/2019 10:45:03 AM



#60
Dibromochloromethane
Concen: 46.188 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 129 Resp: 90828
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





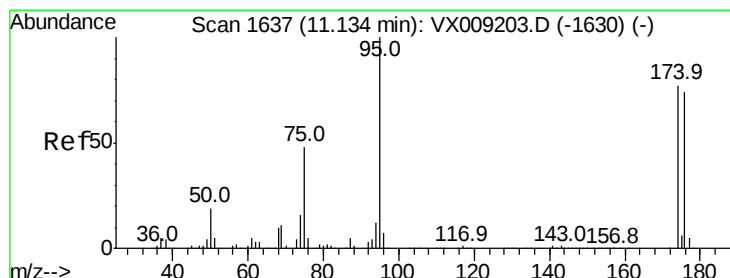
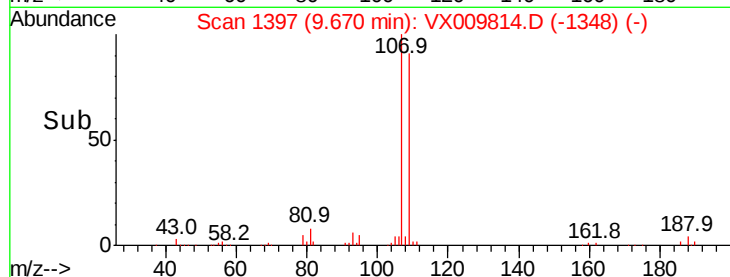
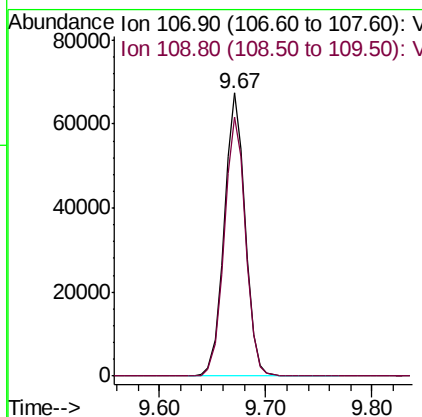
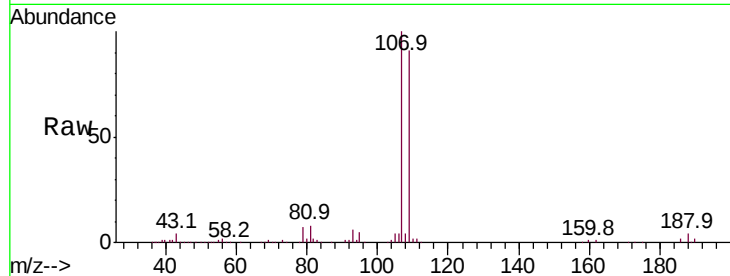
#61
 1,2-Dibromoethane
 Concen: 45.604 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.2	112.8

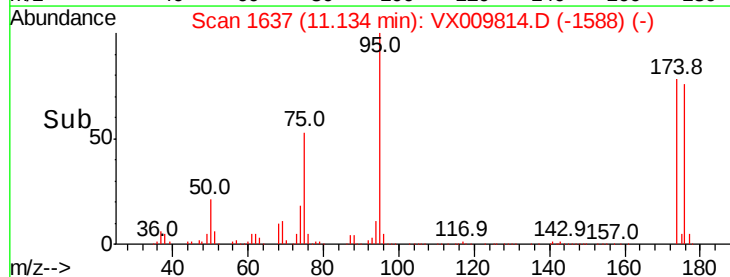
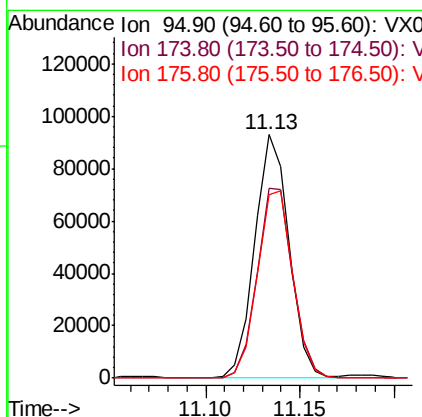
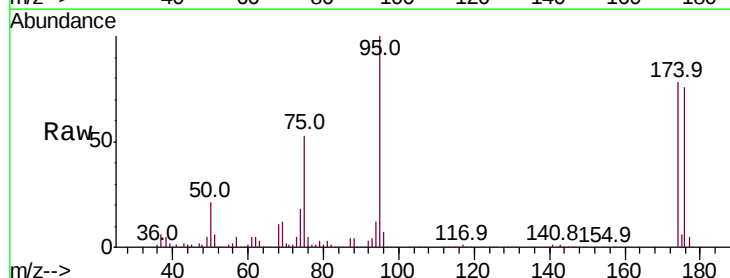
Manual Integrations
 APPROVED

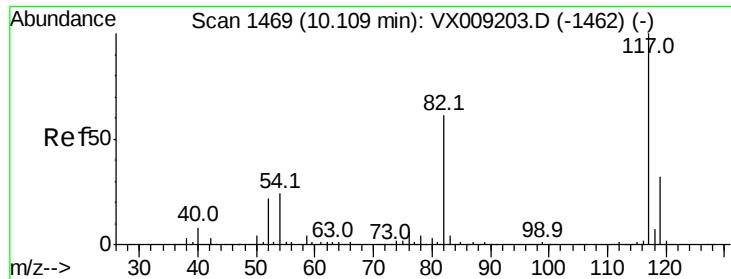
MMDadoda
 5/23/2019 10:45:03 AM



#62
 4-Bromofluorobenzene
 Concen: 45.235 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	161.6
176	79.1	0.0	159.2





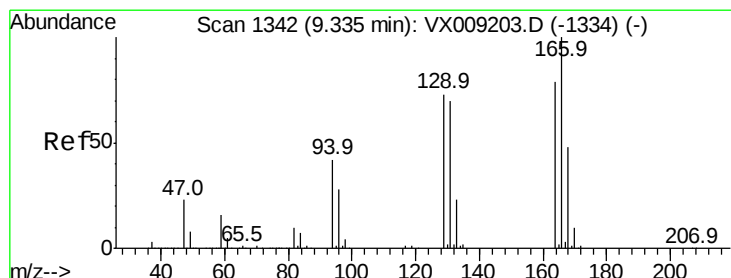
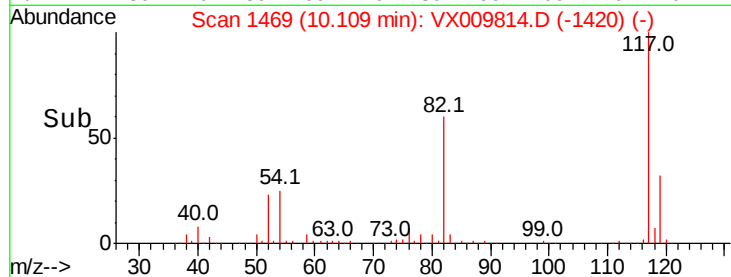
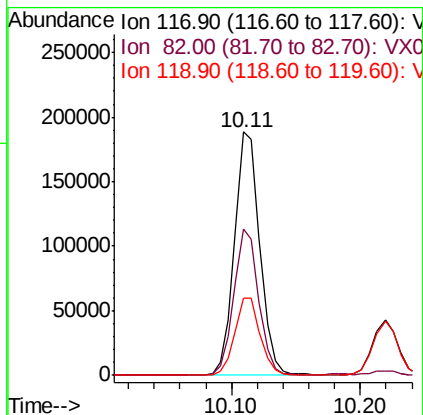
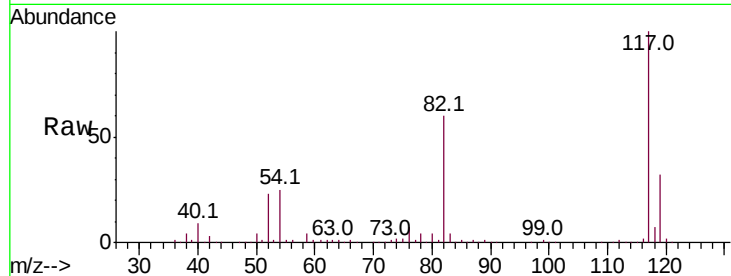
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	48.8	73.2
119	31.9	25.8	38.6

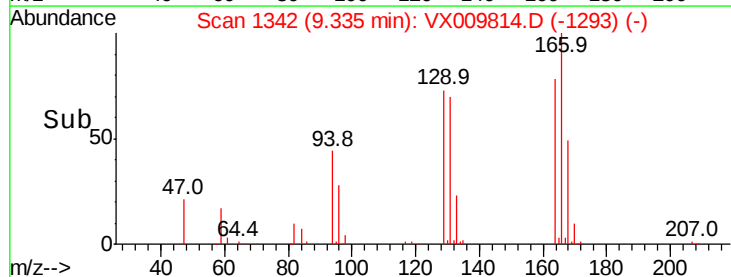
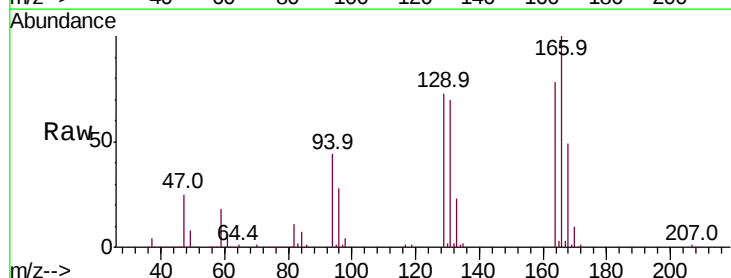
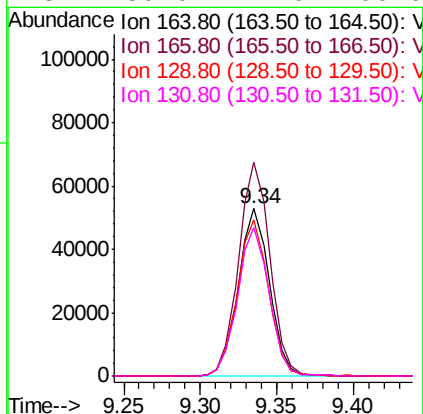
Manual Integrations
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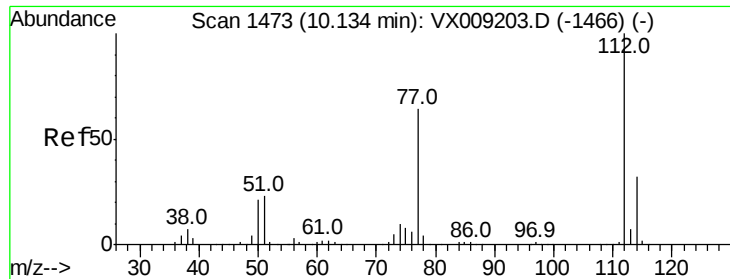
MMDadoda
5/23/2019 10:45:03 AM



#64
Tetrachloroethene
Concen: 42.007 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.2	151.8
129	93.5	74.3	111.5
131	89.0	71.0	106.6





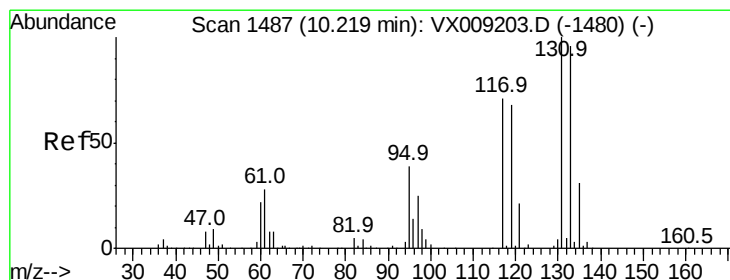
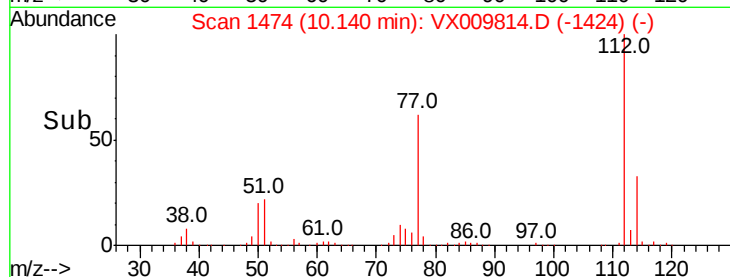
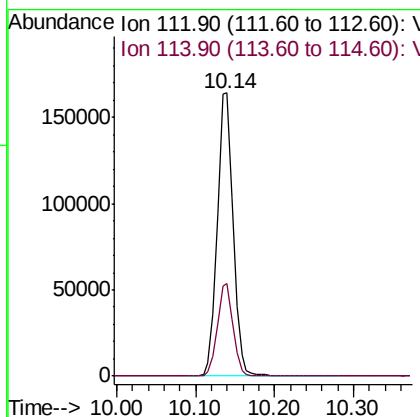
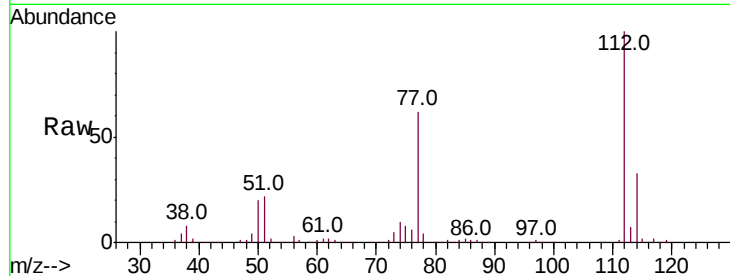
#65
Chlorobenzene
Concen: 44.706 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion:112 Resp: 231343
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

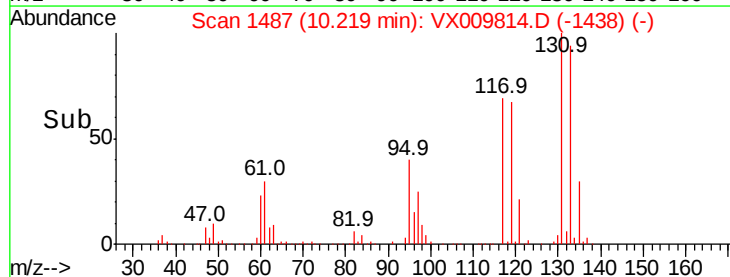
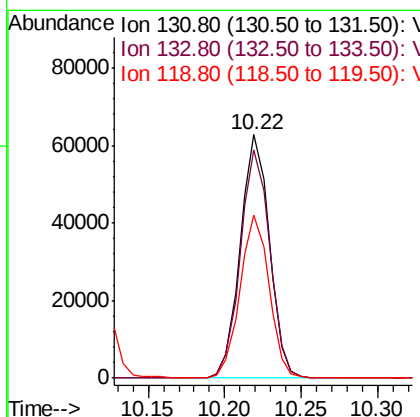
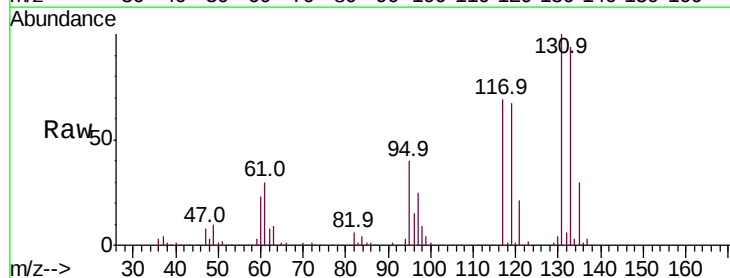
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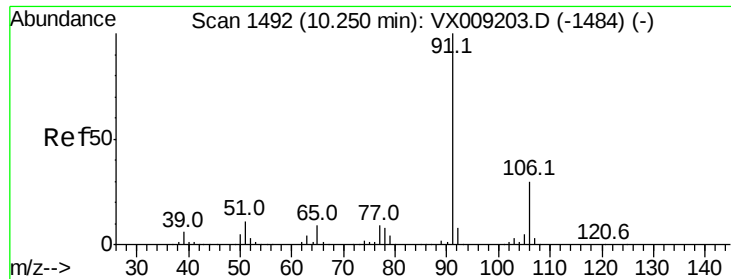
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.246 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion:131 Resp: 83008
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 66.9 33.5 100.4





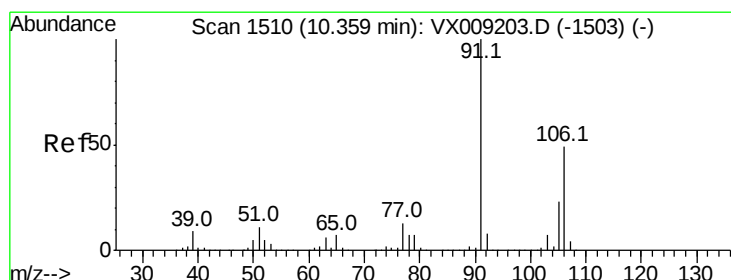
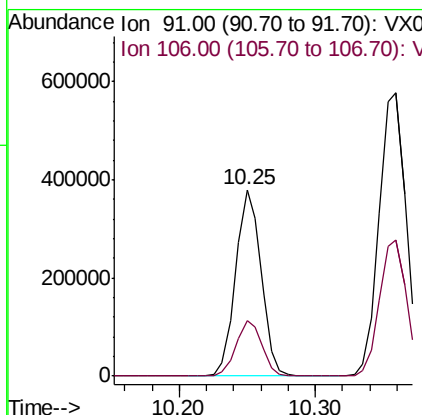
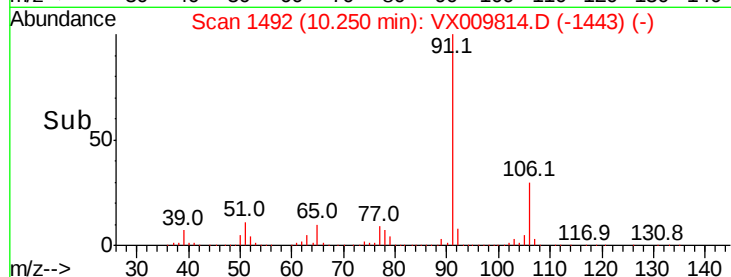
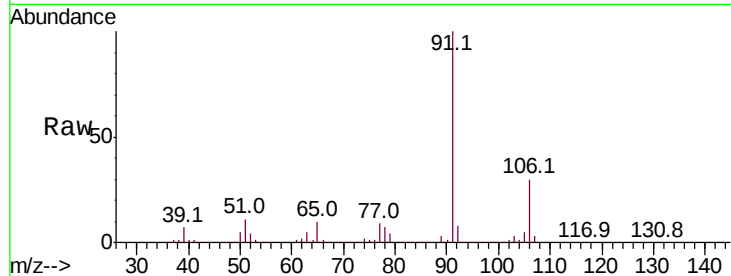
#67
Ethyl Benzene
Concen: 52.170 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion: 91 Resp: 496840
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

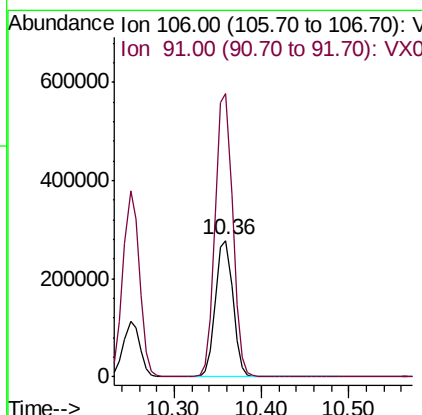
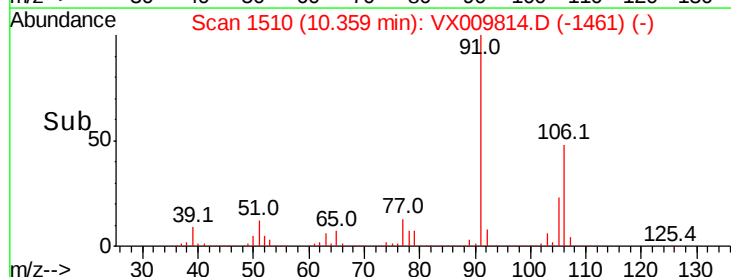
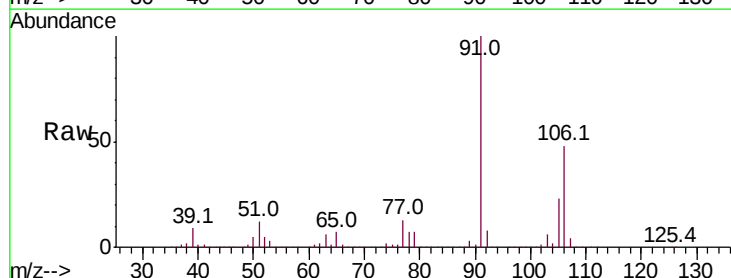
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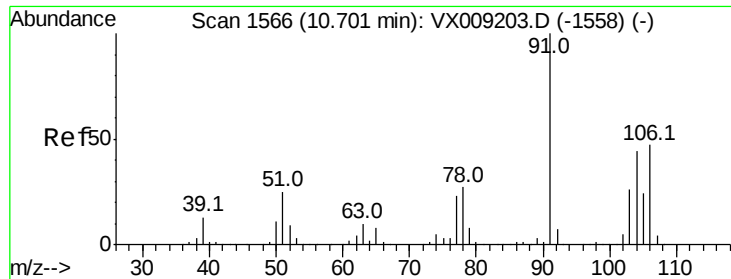
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5/23/2019 10:45:03 AM



#68
m/p-Xylenes
Concen: 110.690 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 106 Resp: 385221
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0





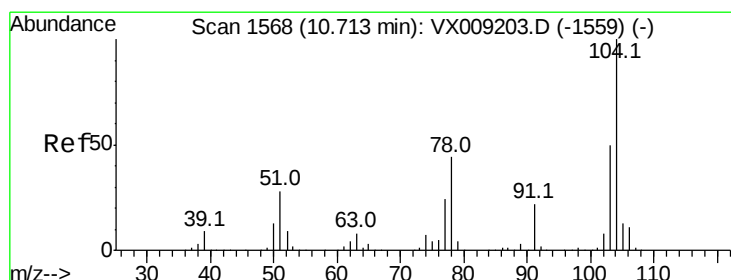
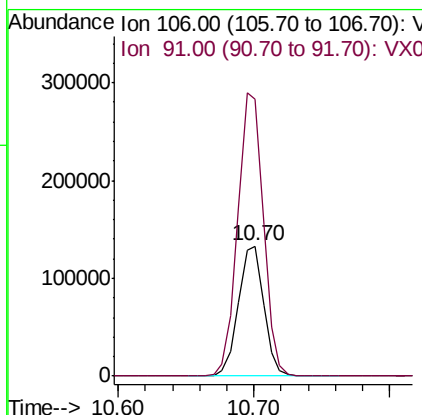
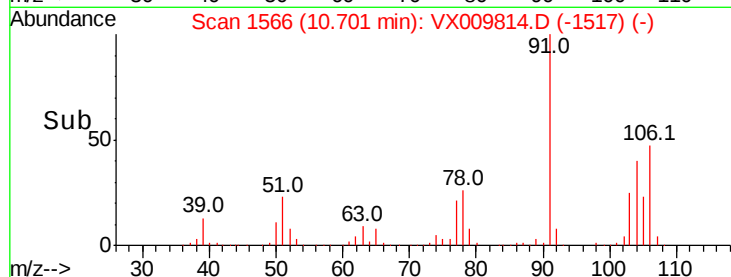
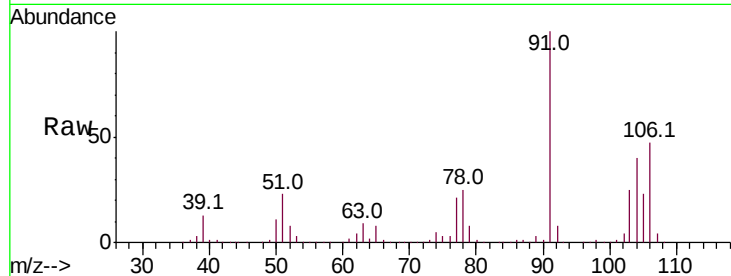
#69
o-Xylene
Concen: 50.360 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion:106 Resp: 172924
Ion Ratio Lower Upper
106 100
91 220.5 109.5 328.4

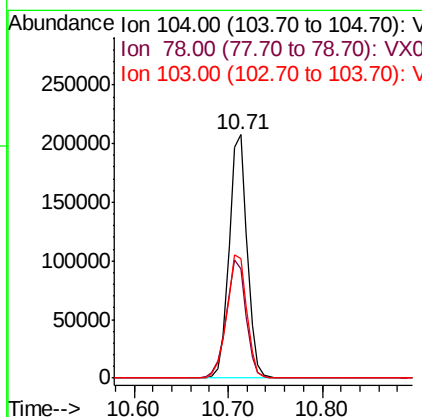
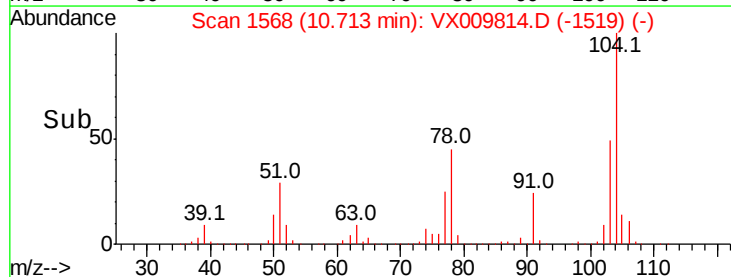
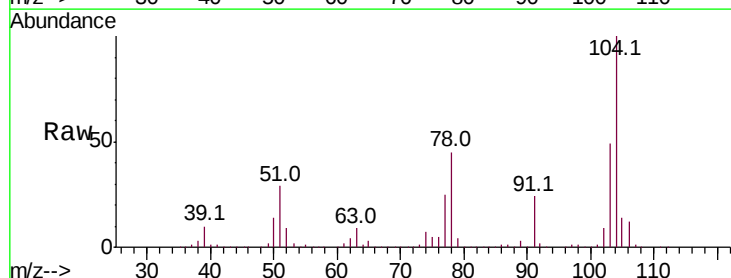
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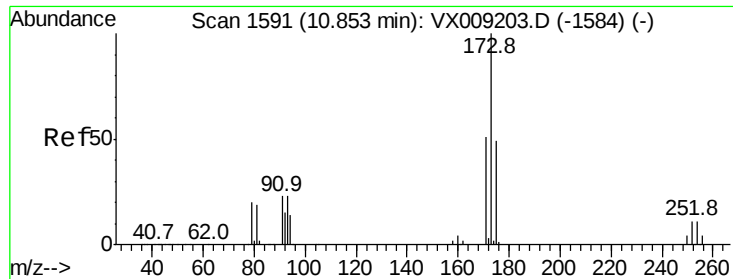
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#70
Styrene
Concen: 46.057 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion:104 Resp: 274870
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 55.9 43.8 65.6





#71

Bromoform

Concen: 45.926 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:173 Resp: 70018

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

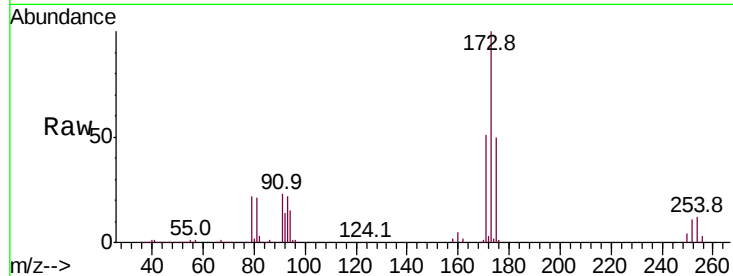
254 0.2 0.1 0.1#

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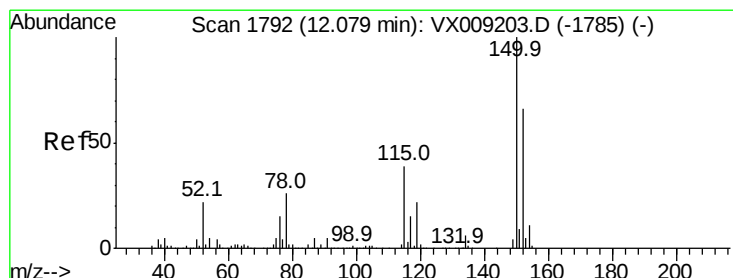
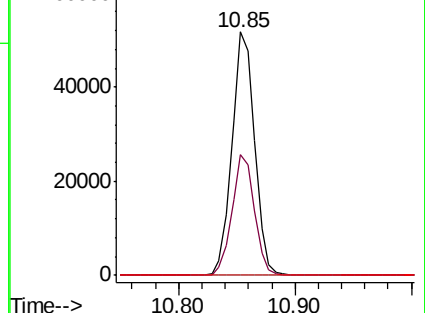
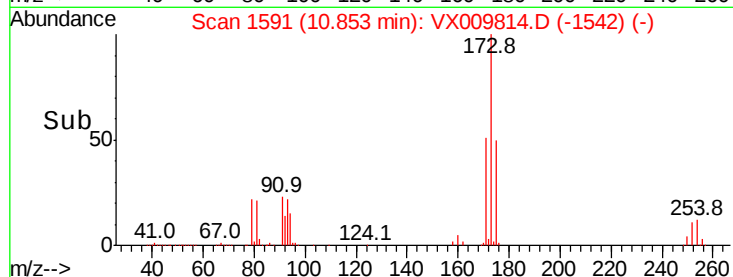
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

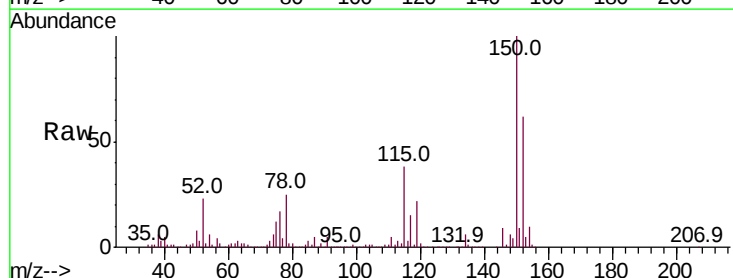
Tgt Ion:152 Resp: 126965

Ion Ratio Lower Upper

152 100

115 81.4 41.2 123.6

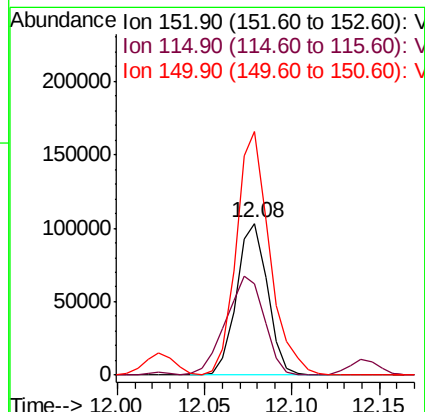
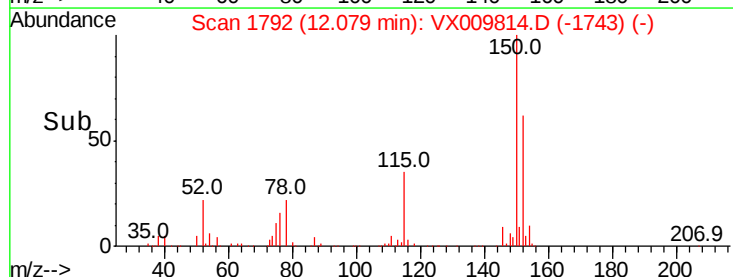
150 172.6 0.0 346.4

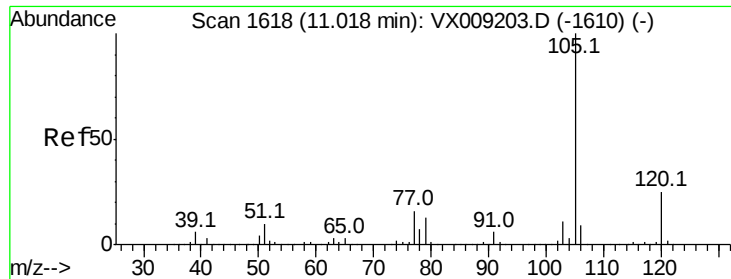


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.988 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:105 Resp: 507689

Ion Ratio Lower Upper

105 100

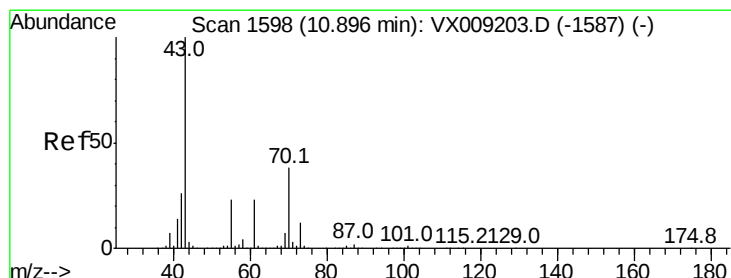
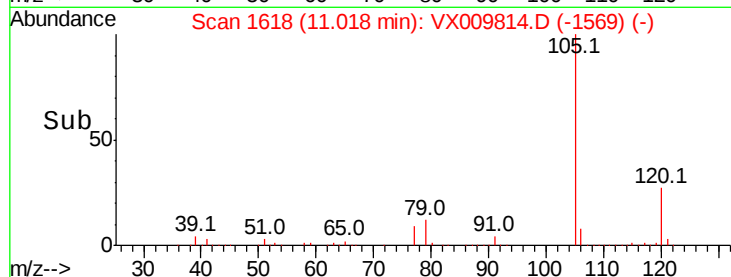
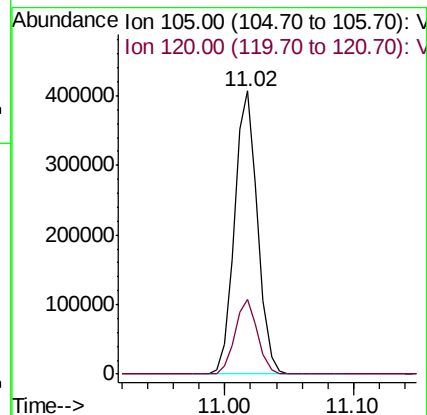
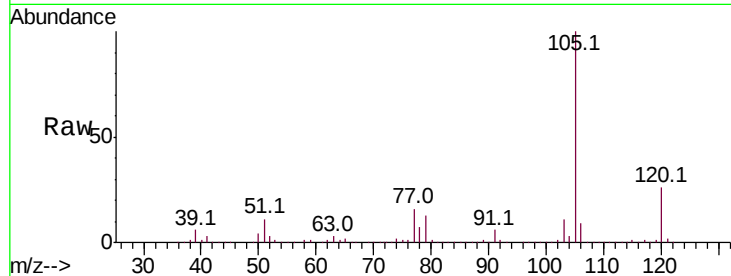
120 25.8 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.766 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion: 43 Resp: 257115

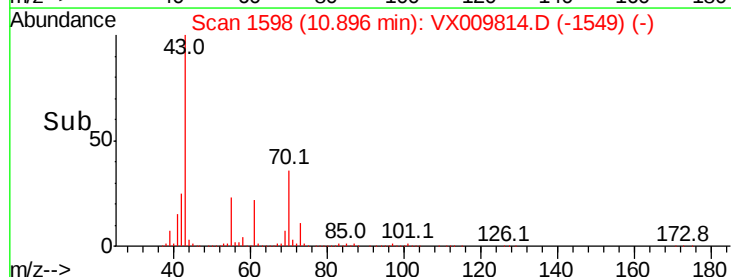
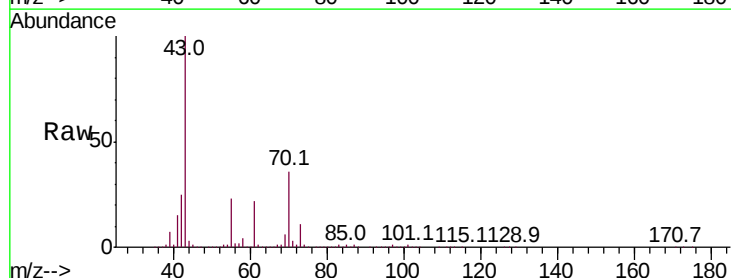
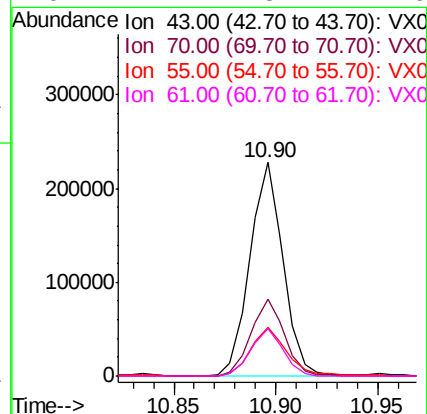
Ion Ratio Lower Upper

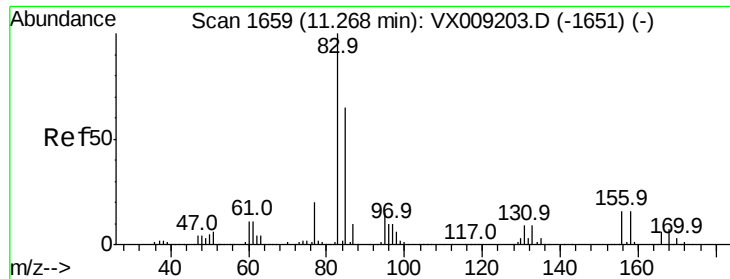
43 100

70 36.5 30.0 45.0

55 24.8 17.9 26.9

61 21.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.606 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

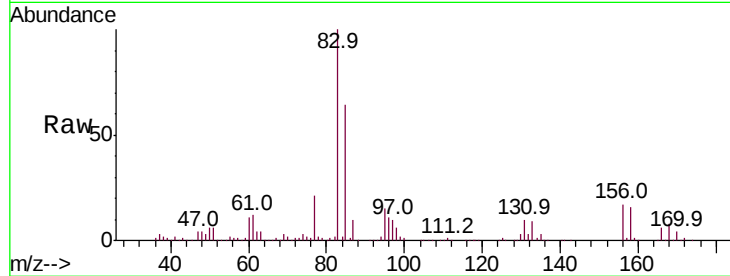
ClientSampleId :

EP1-PZ-E3-4MS

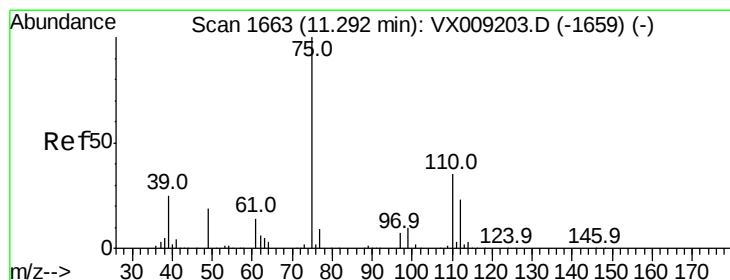
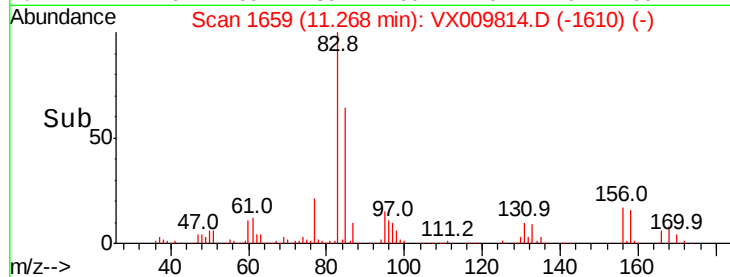
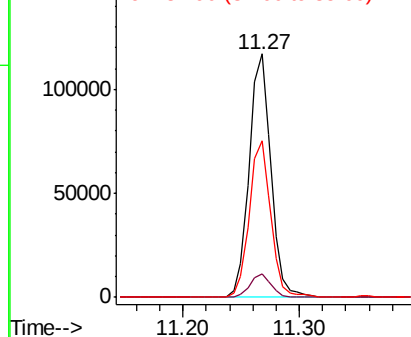
Tot Ion:	83	Resp:	153526
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	63.8	32.0	96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 44.979 ug/l m

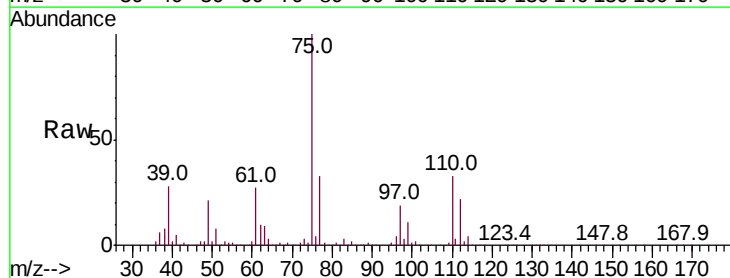
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

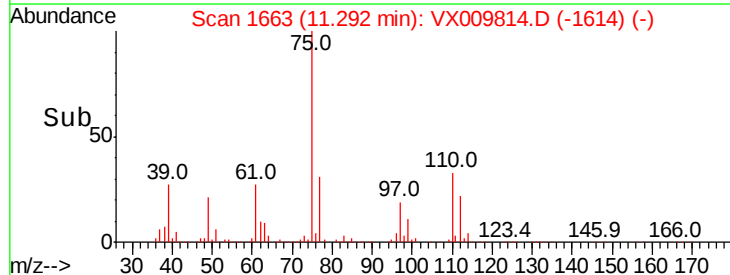
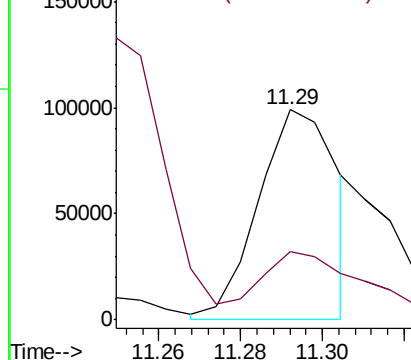
Lab File: VX009814.D

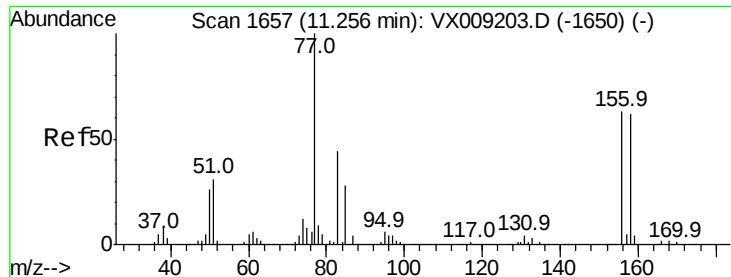
Acq: 22 May 2019 19:04

Tgt Ion:	75	Resp:	132469
Ion Ratio	Lower	Upper	
75	100		
77	43.8	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:156 Resp: 102180

Ion Ratio Lower Upper

156 100

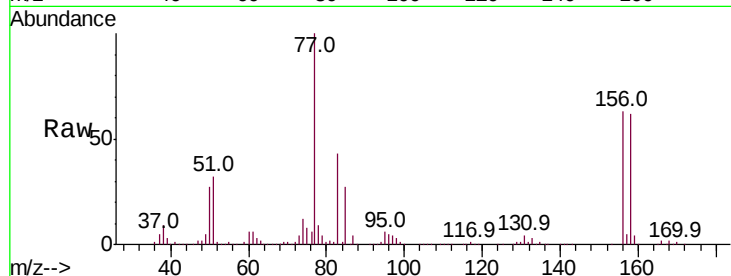
77 171.2 84.8 254.3

158 97.8 49.1 147.3

Manual Integrations
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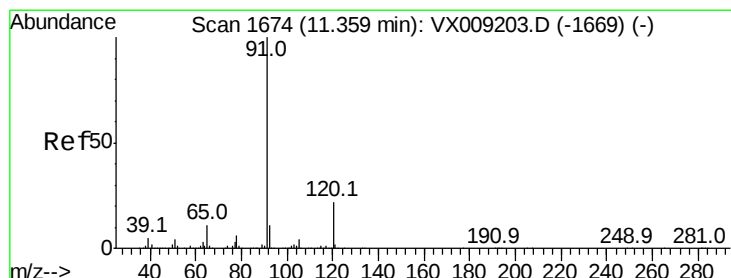
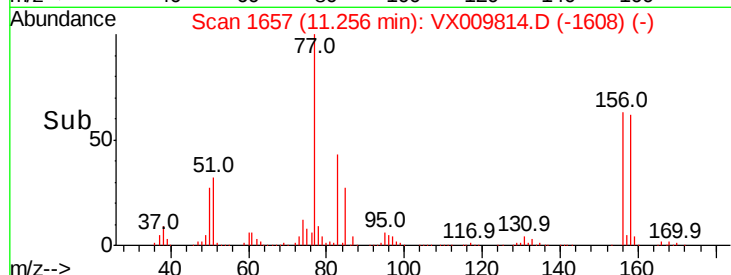
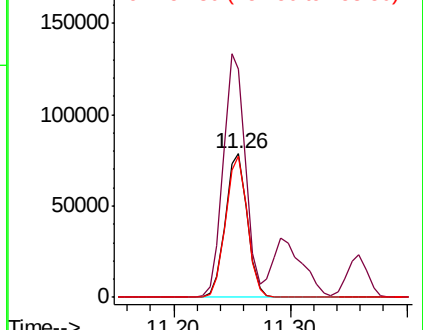
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 65.579 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009814.D

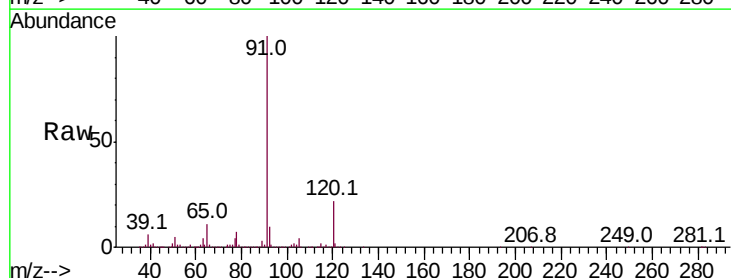
Acq: 22 May 2019 19:04

Tgt Ion: 91 Resp: 691481

Ion Ratio Lower Upper

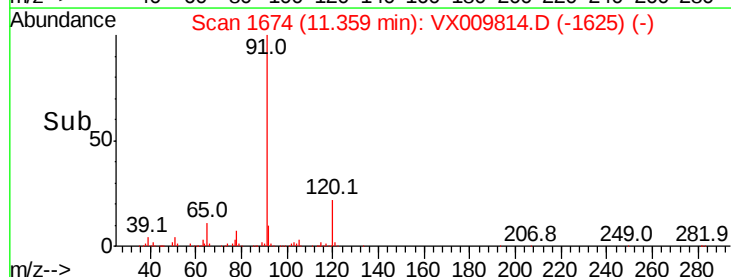
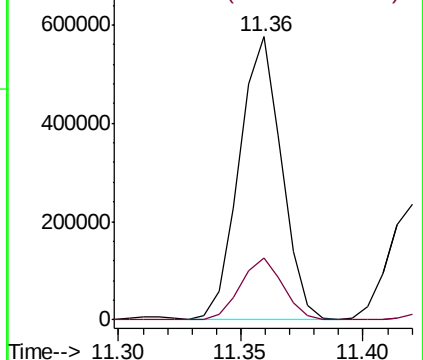
91 100

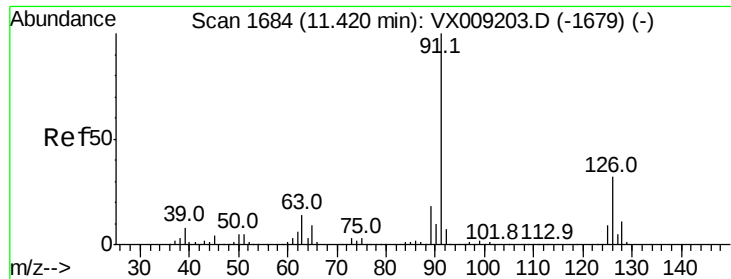
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.729 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 91 Resp: 316994

Ion Ratio Lower Upper

91 100

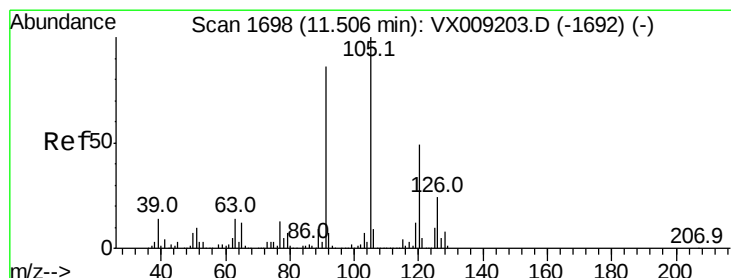
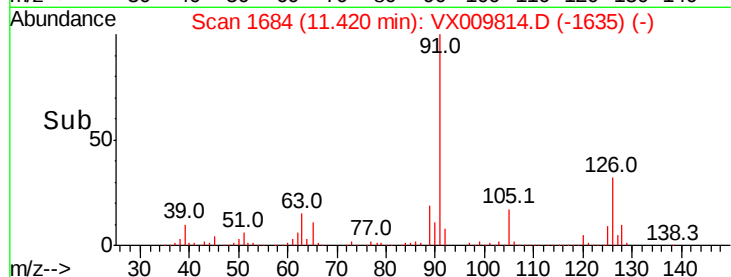
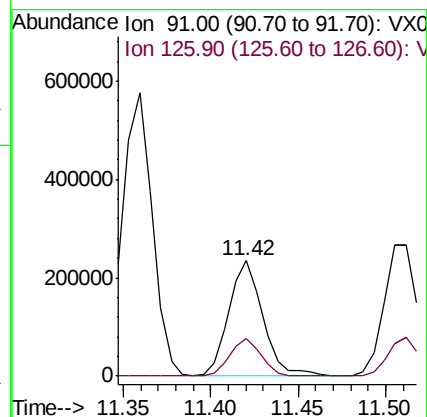
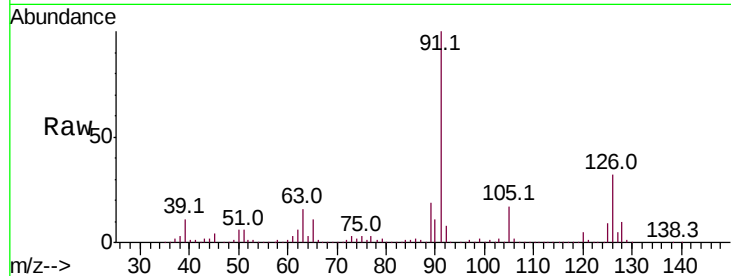
126 29.8 16.3 48.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 65.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009814.D

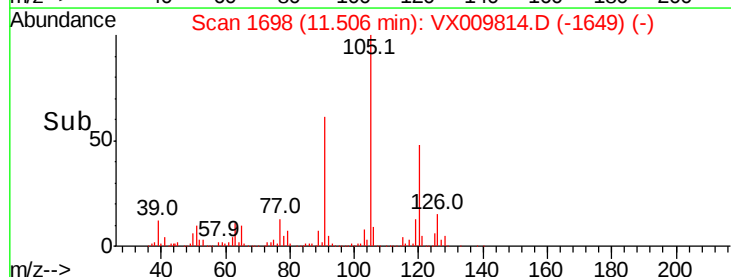
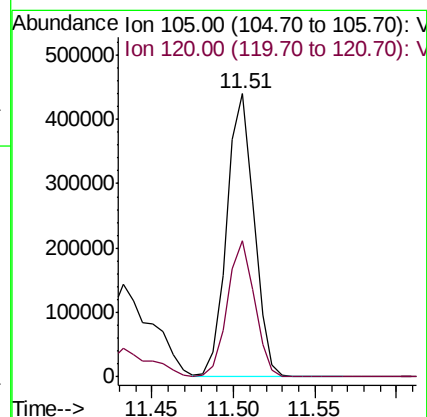
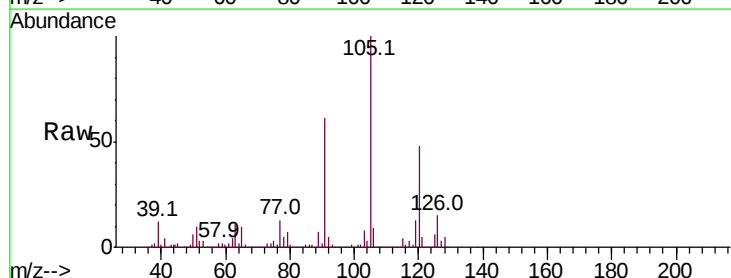
Acq: 22 May 2019 19:04

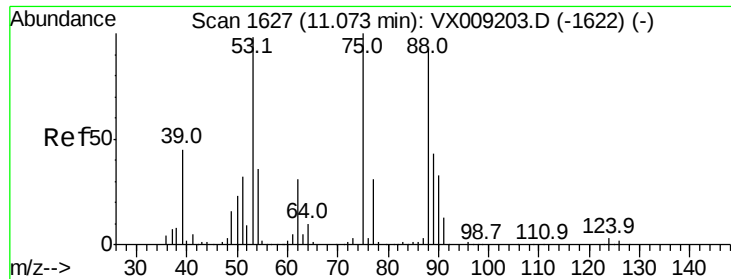
Tgt Ion: 105 Resp: 512241

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 44.351 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion: 75 Resp: 51050

Ion Ratio Lower Upper

75 100

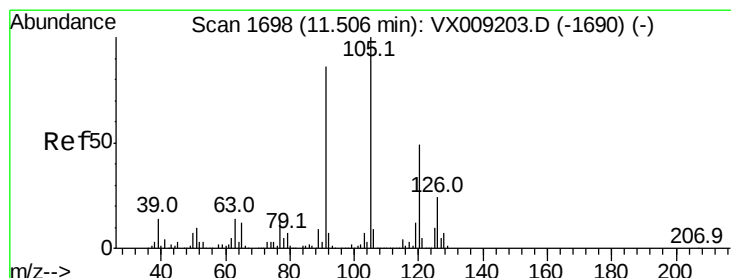
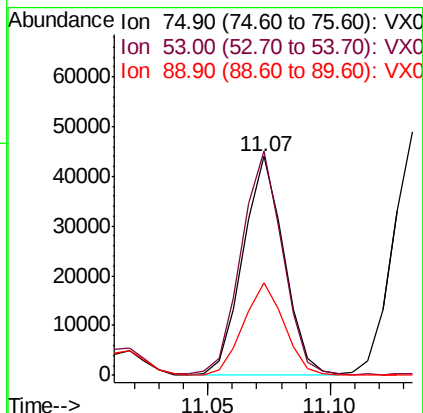
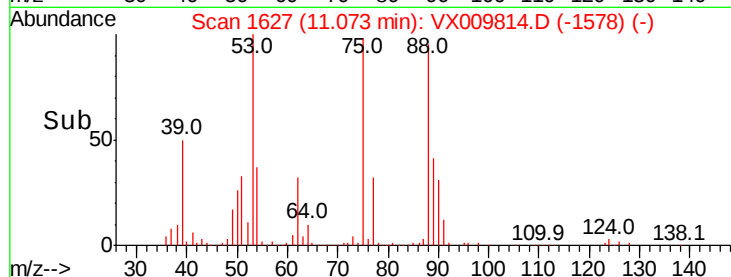
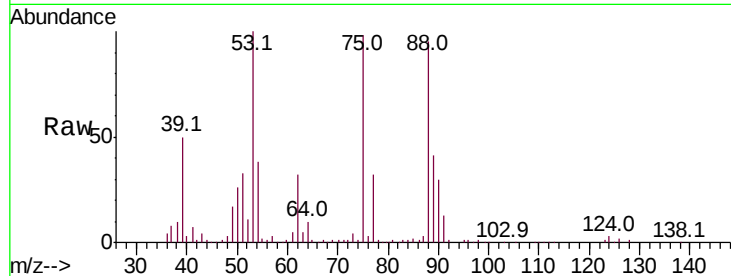
53 104.0 79.0 118.6

89 42.1 34.7 52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.564 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009814.D

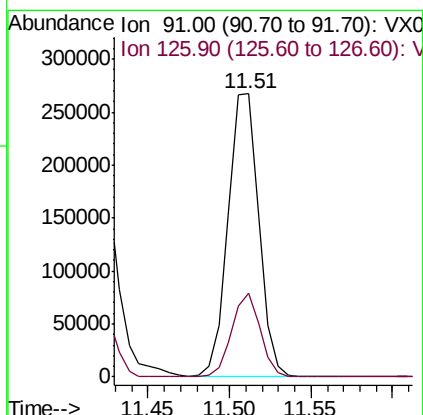
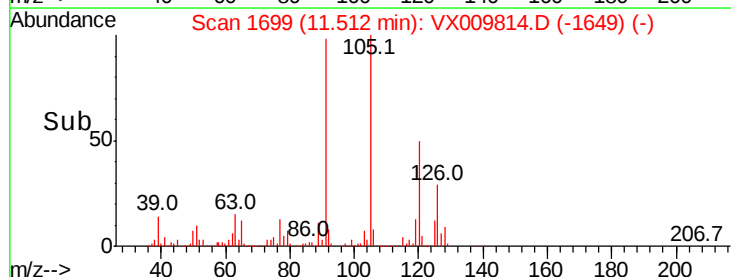
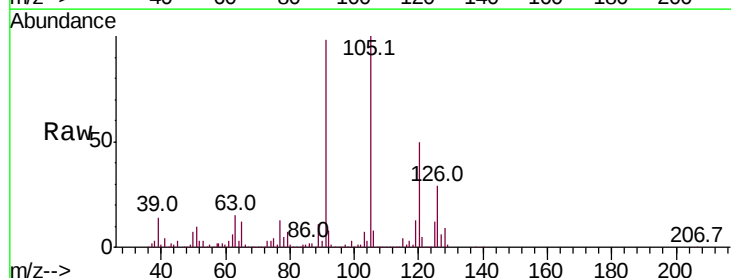
Acq: 22 May 2019 19:04

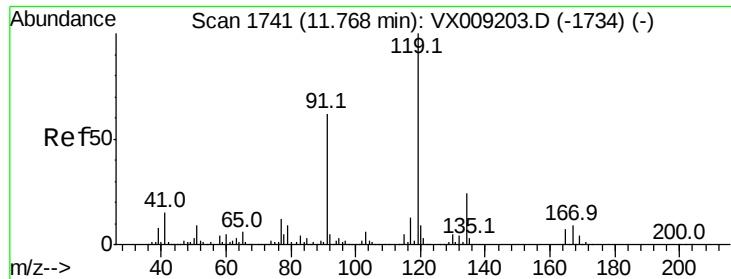
Tgt Ion: 91 Resp: 349553

Ion Ratio Lower Upper

91 100

126 27.4 14.5 43.6





#83

tert-Butylbenzene

Concen: 47.558 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

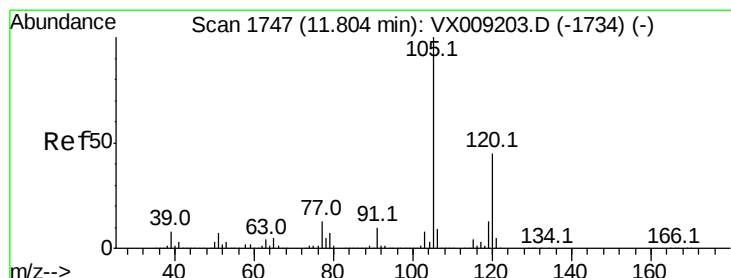
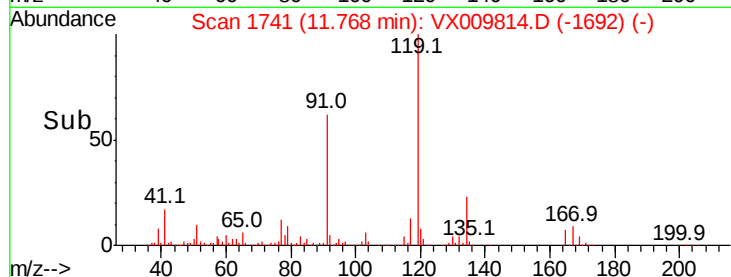
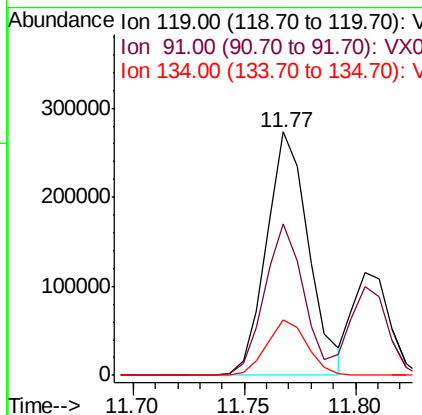
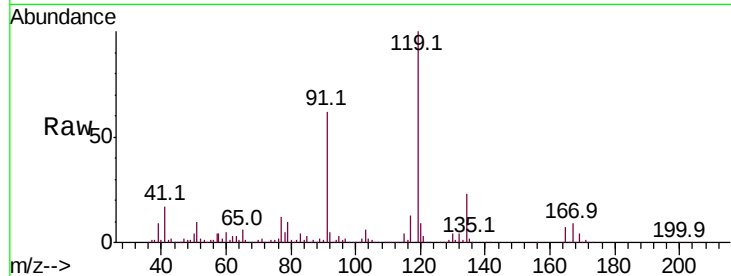
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:	119	Resp:	359659
Ion Ratio	Lower	Upper	
119	100		
91	57.5	29.5	88.5
134	22.0	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 147.376 ug/l

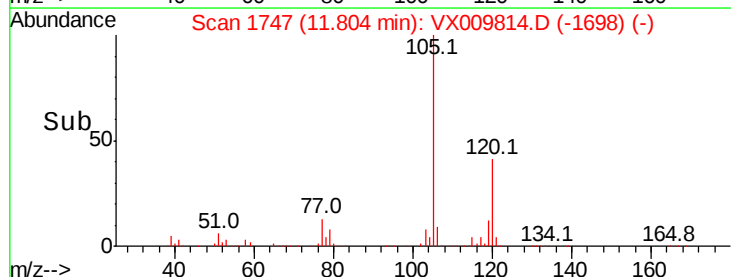
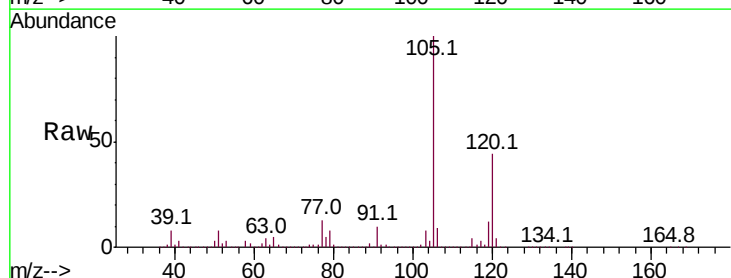
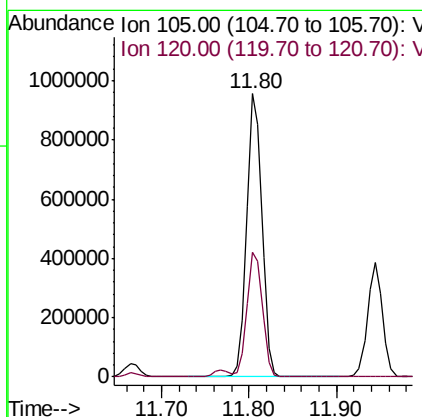
RT: 11.80 min Scan# 1747

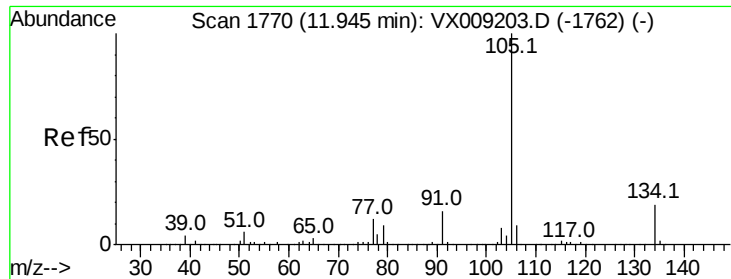
Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion:	105	Resp:	1149996
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.0	66.0





#85

sec-Butylbenzene

Concen: 51.487 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:105 Resp: 461625

Ion Ratio Lower Upper

105 100

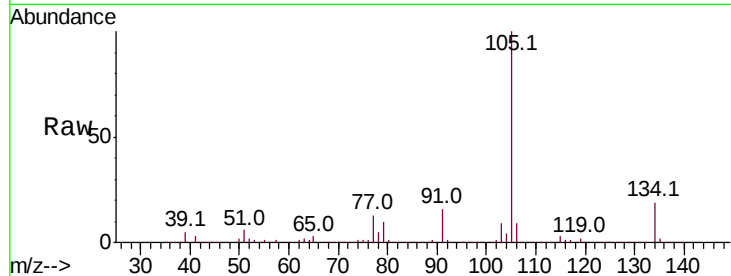
134 20.4 9.7 28.9

Manual Integrations

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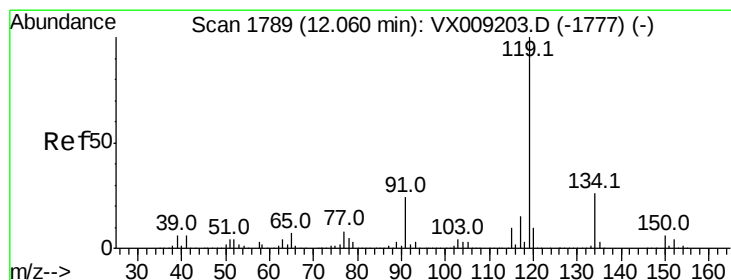
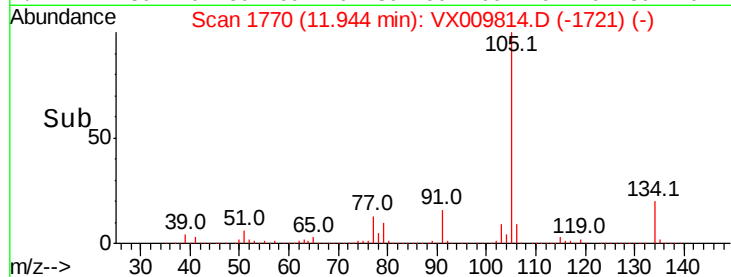
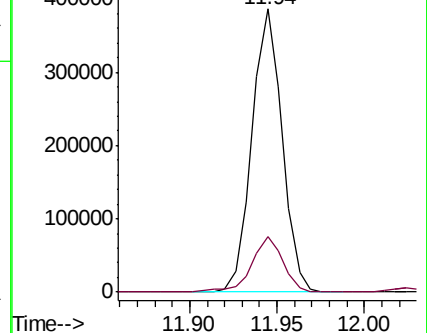
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.993 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

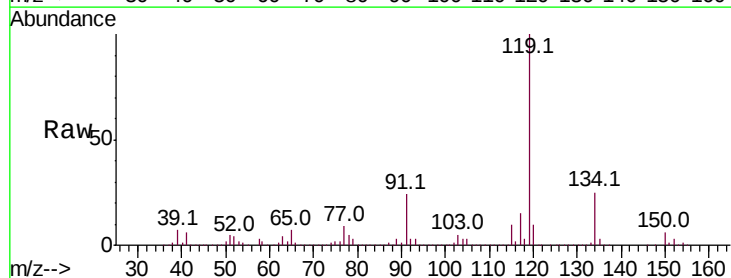
Tgt Ion:119 Resp: 394897

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

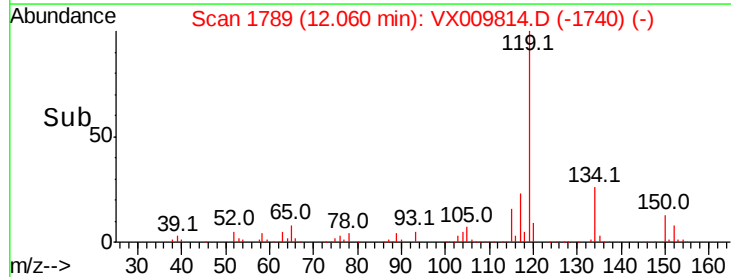
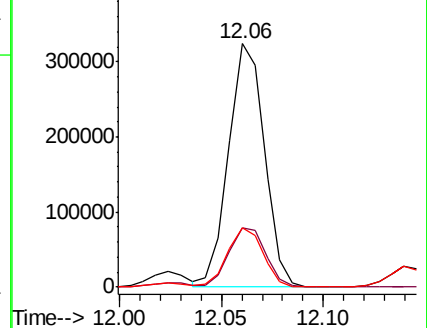
91 24.1 11.8 35.4

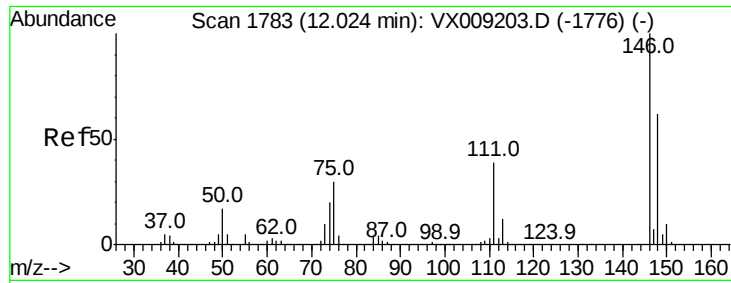


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





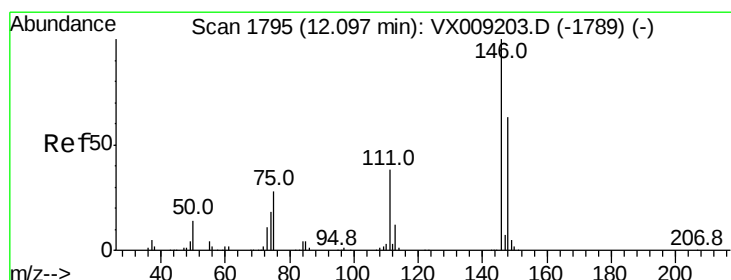
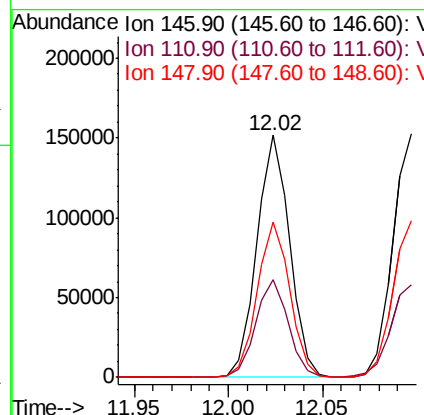
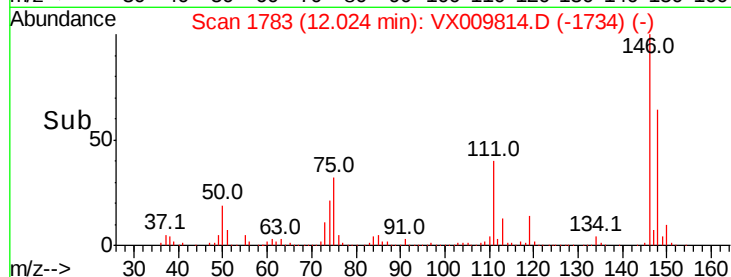
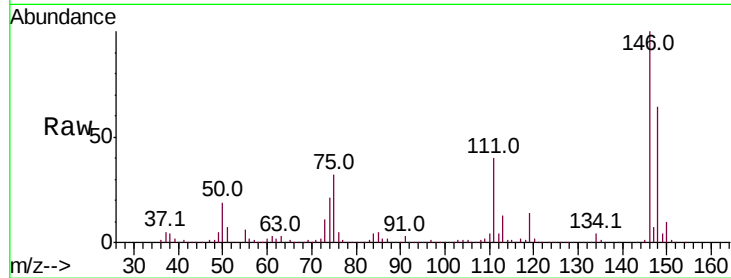
#87
 1,3-Dichlorobenzene
 Concen: 44.758 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	59.9
148	63.8	31.8	95.3

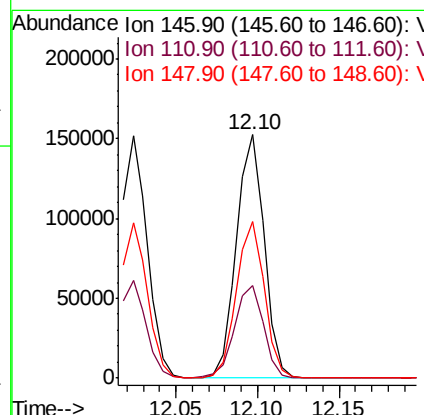
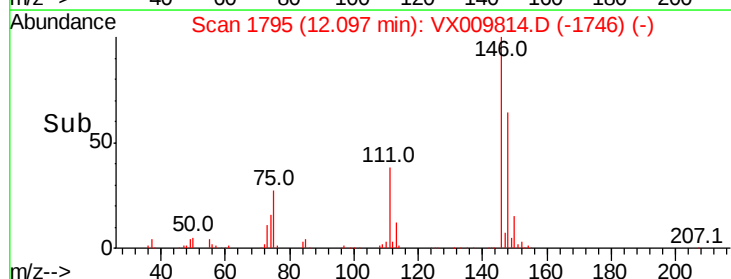
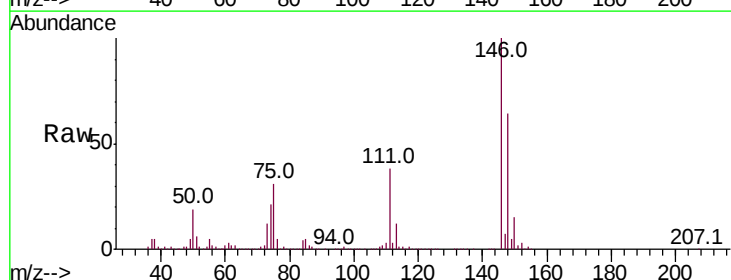
Manual Integrations
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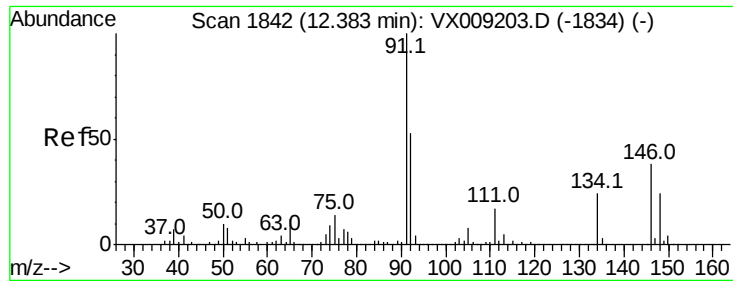
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#88
 1,4-Dichlorobenzene
 Concen: 43.964 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.6	31.8	95.3





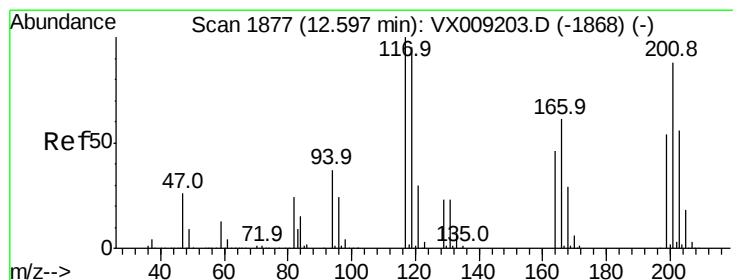
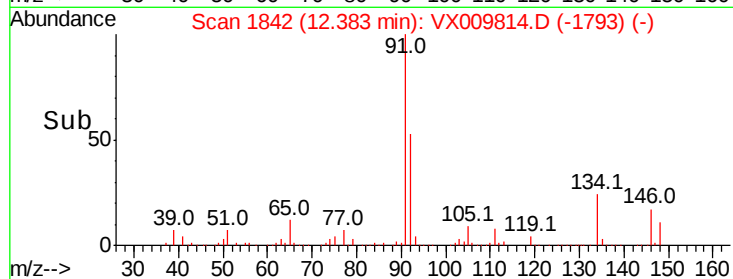
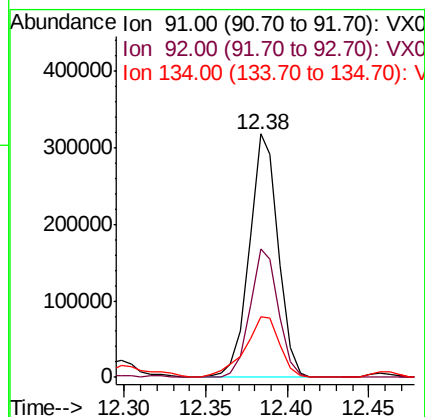
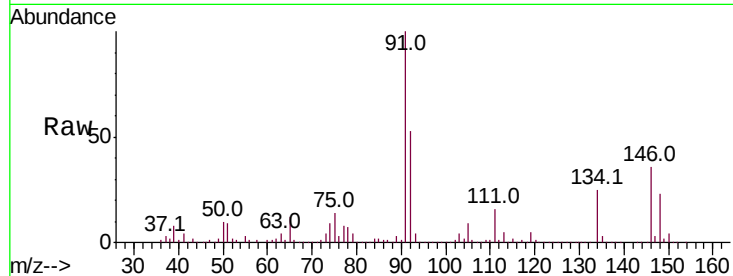
#89
n-Butylbenzene
Concen: 53.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.5	79.5
134	29.8	12.4	37.2

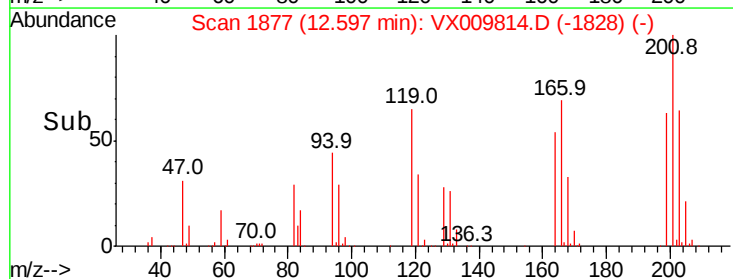
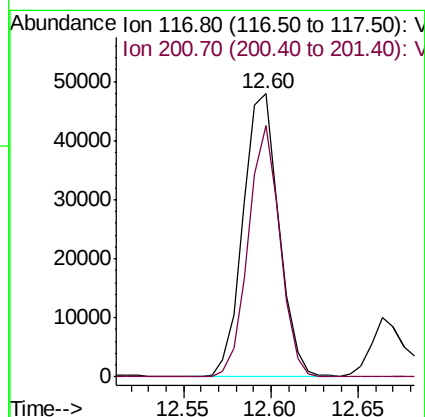
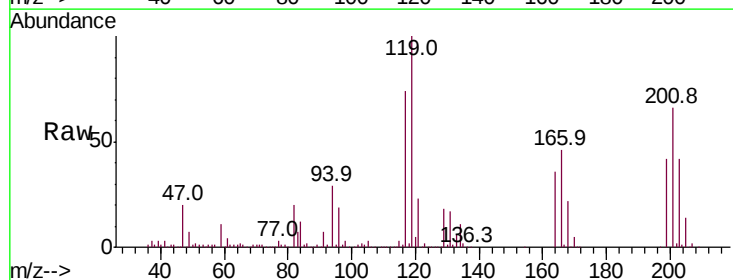
Manual Integrations
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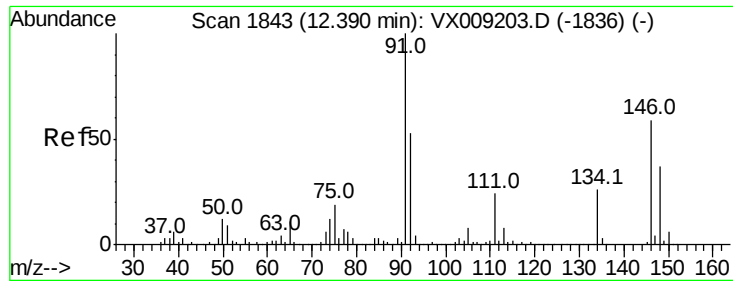
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#90
Hexachloroethane
Concen: 49.837 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	42.3	126.9





#91

1,2-Dichlorobenzene

Concen: 43.559 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

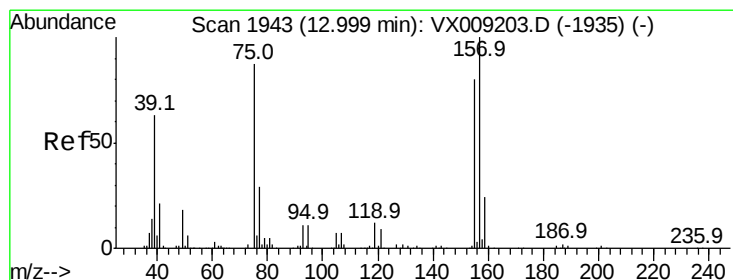
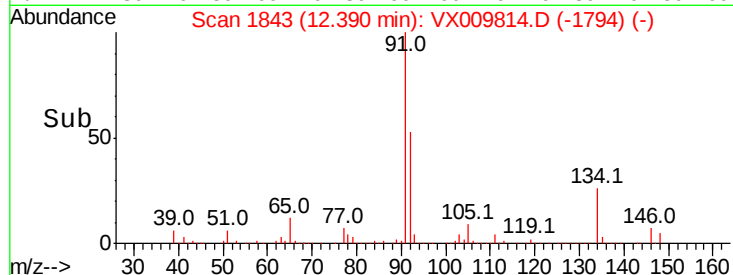
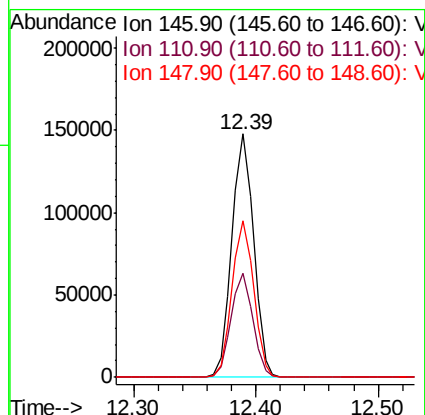
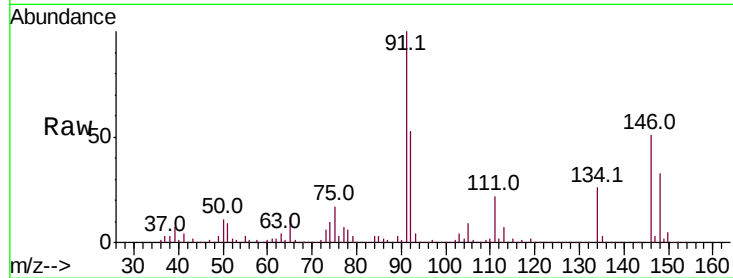
ClientSampleId :

EP1-PZ-E3-4MS

Tot Ion:	146	Resp:	181249
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.8	62.4
148	64.0	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 45.069 ug/l

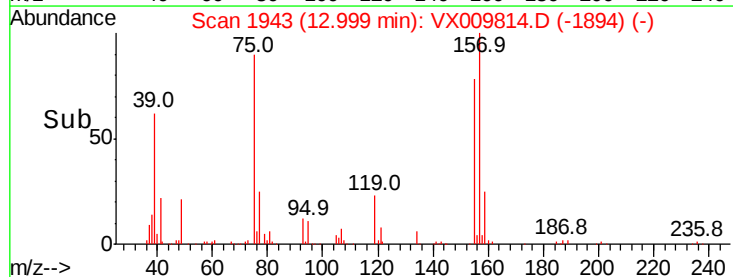
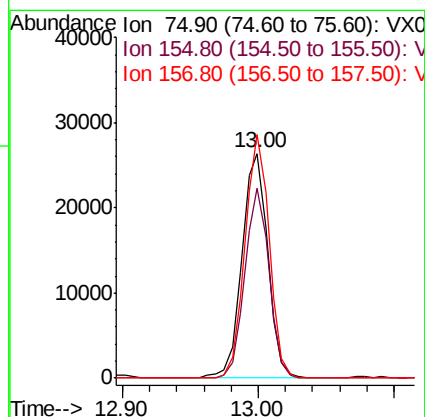
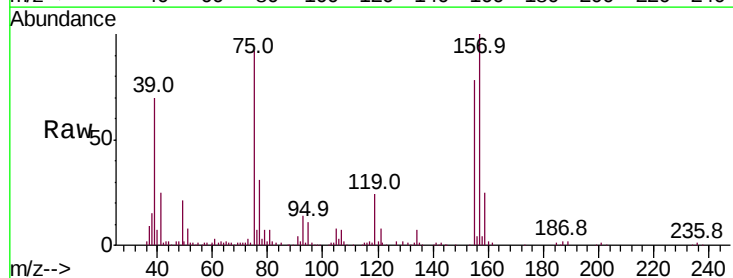
RT: 13.00 min Scan# 1943

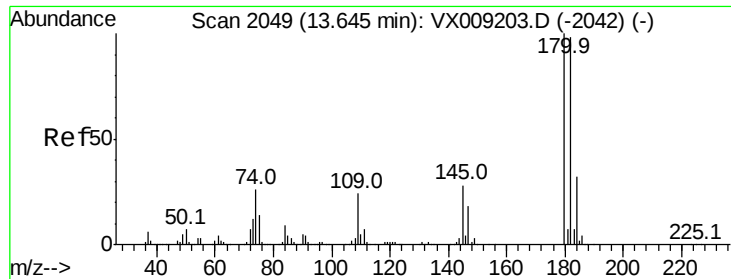
Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion:	75	Resp:	34798
Ion Ratio	Lower	Upper	
75	100		
155	79.4	42.0	126.0
157	102.0	53.2	159.6





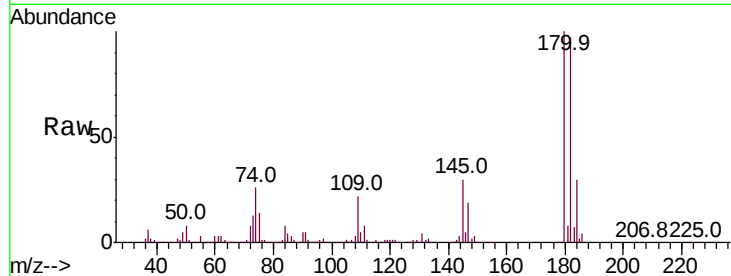
#93
 1,2,4-Trichlorobenzene
 Concen: 45.068 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

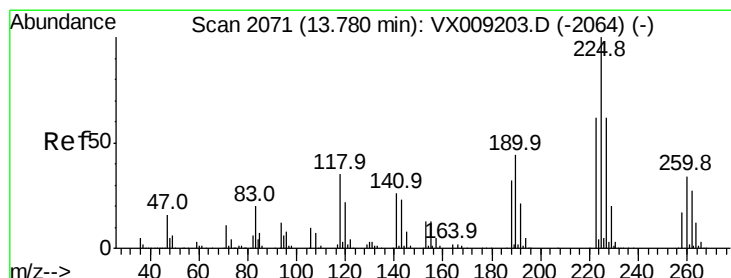
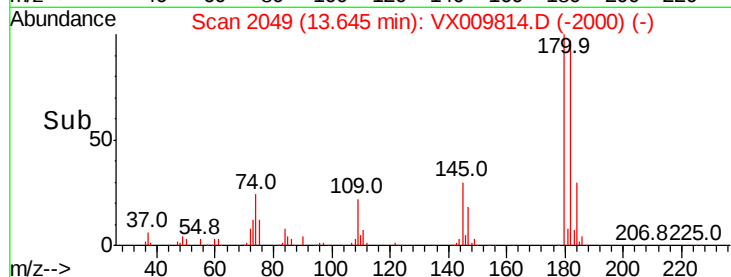
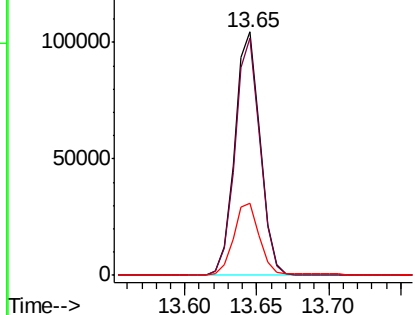
Tot Ion	Ratio	Resp	Lower	Upper
180	100	128236		
182	96.3	48.4	145.2	
145	30.1	14.6	43.8	

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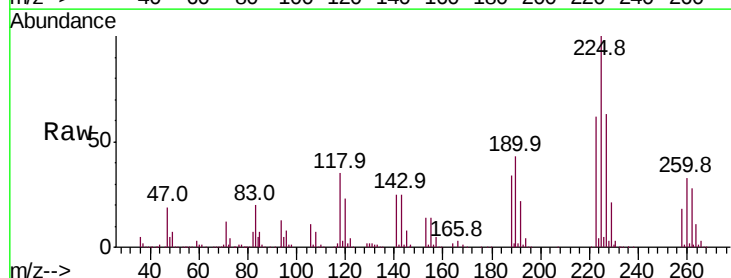


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

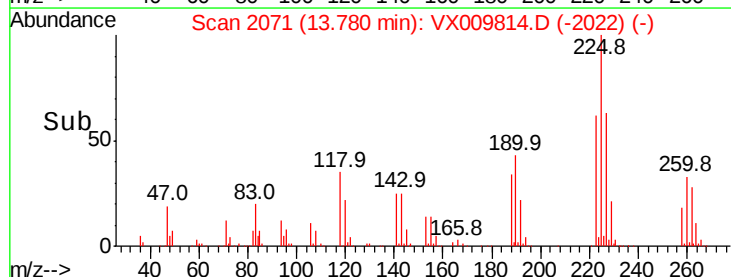
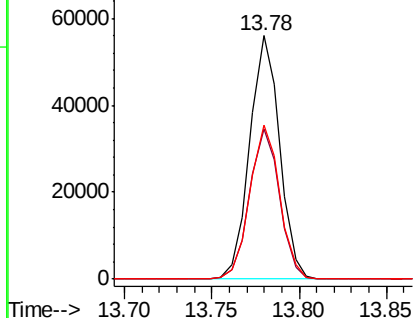


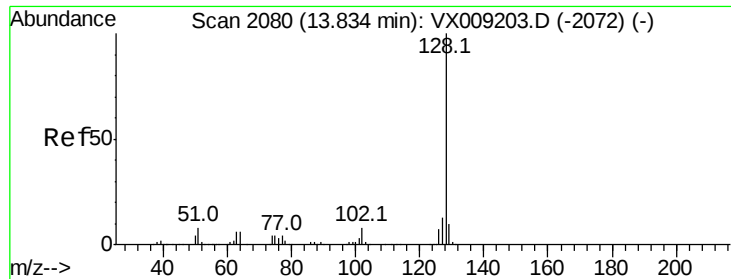
#94
 Hexachlorobutadiene
 Concen: 45.717 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66429		
223	62.2	31.3	93.8	
227	63.5	31.8	95.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





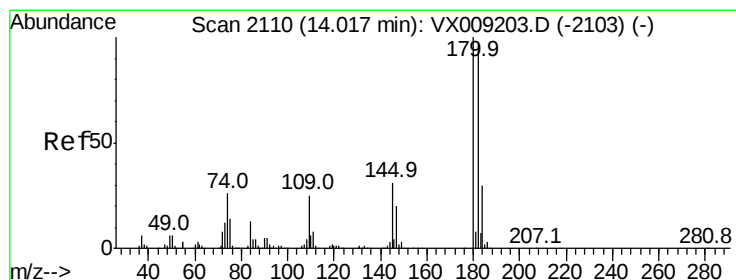
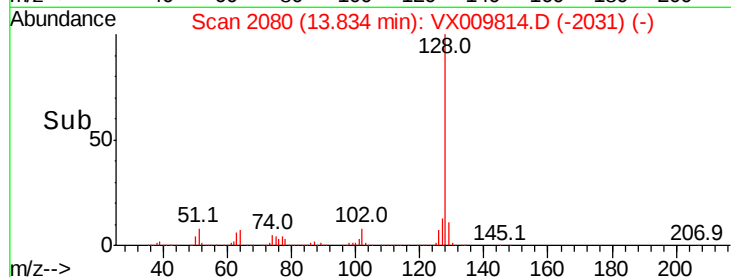
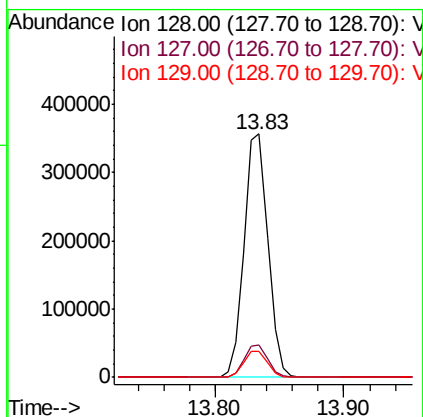
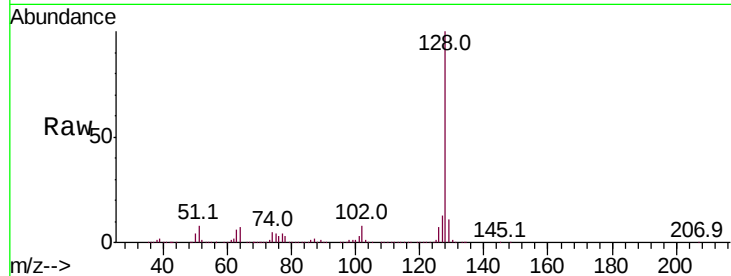
#95
Naphthalene
Concen: 48.900 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 44.352 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	31.4	15.4	46.4

