

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012429.D
 Acq On : 17 Sep 2019 12:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:05 AM

Quant Time: Sep 17 13:46:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	13114	4.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.40%	
35) Dibromofluoromethane	5.48	113	8943	3.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.18%	
50) Toluene-d8	8.71	98	33567	3.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.62%	
62) 4-Bromofluorobenzene	11.14	95	13399	3.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	3808	2.777	ug/l	93
3) Chloromethane	1.32	50	3789	3.188	ug/l	95
4) Vinyl Chloride	1.40	62	4239	3.234	ug/l	98
5) Bromomethane	1.62	94	1964	3.584	ug/l	98
6) Chloroethane	1.70	64	4058	4.659	ug/l #	85
7) Trichlorofluoromethane	1.92	101	8072	3.371	ug/l	95
8) Diethyl Ether	2.18	74	3752	3.550	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6024	3.491	ug/l	96
10) Methyl Iodide	2.50	142	3255	2.053	ug/l	98
11) Tert butyl alcohol	3.04	59	20205	25.161	ug/l	97
12) 1,1-Dichloroethene	2.36	96	4822	3.555	ug/l	98
13) Acrolein	2.28	56	8007	23.967	ug/l	98
14) Allyl chloride	2.72	41	12046	3.824	ug/l	97
15) Acrylonitrile	3.13	53	25853	19.283	ug/l	97
16) Acetone	2.44	43	32890	22.492	ug/l	100
17) Carbon Disulfide	2.55	76	4712	2.630	ug/l	98
18) Methyl Acetate	2.77	43	11942	3.715	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	27774	3.770	ug/l	100
20) Methylene Chloride	2.84	84	6862	3.493	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	4792	3.286	ug/l	96
22) Diisopropyl ether	3.84	45	27688	3.829	ug/l	93
23) Vinyl Acetate	3.80	43	109919	18.429	ug/l	98
24) 1,1-Dichloroethane	3.68	63	13248	3.658	ug/l	98
25) 2-Butanone	4.67	43	42537	20.608	ug/l	96
26) 2,2-Dichloropropane	4.57	77	12735	3.684	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	7612	3.551	ug/l	90
28) Bromochloromethane	5.00	49	7092	3.837	ug/l #	99
29) Tetrahydrofuran	5.12	42	22708	19.021	ug/l	99
30) Chloroform	5.19	83	15477	3.708	ug/l	87
31) Cyclohexane	5.58	56	7008	3.227	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	12721	3.679	ug/l	99
36) 1,1-Dichloropropene	5.79	75	7597	3.102	ug/l	94
37) Ethyl Acetate	4.83	43	12366	3.281	ug/l #	89
38) Carbon Tetrachloride	5.77	117	9445	3.186	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	7035	3.006	ug/l #	93
40) Benzene	6.14	78	25723	3.430	ug/l	96
41) Methacrylonitrile	5.04	41	8036	3.742	ug/l	94
42) 1,2-Dichloroethane	6.19	62	12179	3.556	ug/l	98
43) Isopropyl Acetate	6.44	43	22210	3.426	ug/l	97
44) Trichloroethene	7.21	130	6785	3.370	ug/l	79
45) 1,2-Dichloropropane	7.51	63	7903	3.426	ug/l	97
46) Dibromomethane	7.65	93	5225	3.411	ug/l	96
47) Bromodichloromethane	7.89	83	11540	3.383	ug/l	97
48) Methyl methacrylate	7.76	41	9812	3.409	ug/l	92
49) 1,4-Dioxane	7.74	88	5232	71.242	ug/l #	92
51) 4-Methyl-2-Pentanone	8.64	43	76014	18.124	ug/l	99
52) Toluene	8.78	92	16046	3.292	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	11266	3.183	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	11661	3.183	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	8994	3.486	ug/l	97
56) Ethyl methacrylate	9.17	69	12893	3.326	ug/l	97
57) 1,3-Dichloropropane	9.37	76	14334	3.510	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	36305	17.569	ug/l	97
59) 2-Hexanone	9.49	43	59080	18.222	ug/l	98
60) Dibromochloromethane	9.58	129	7981	3.029	ug/l	97
61) 1,2-Dibromoethane	9.67	107	7907	3.343	ug/l	98
64) Tetrachloroethene	9.33	164	5757	3.681	ug/l	92
65) Chlorobenzene	10.14	112	19760	3.591	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	7997	3.429	ug/l	95
67) Ethyl Benzene	10.25	91	33199	3.525	ug/l	100
68) m/p-Xylenes	10.36	106	24597	7.090	ug/l	100
69) o-Xylene	10.70	106	12957	3.599	ug/l	99
70) Styrene	10.71	104	21498	3.446	ug/l	99
71) Bromoform	10.86	173	5632	3.148	ug/l #	96
73) Isopropylbenzene	11.01	105	37073	4.688	ug/l	97
74) N-amyl acetate	10.89	43	19238	4.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	14829	4.680	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	13508m	4.592	ug/l	
77) Bromobenzene	11.25	156	8866	4.385	ug/l	96
78) n-propylbenzene	11.35	91	38554	4.317	ug/l	99
79) 2-Chlorotoluene	11.42	91	26772	4.678	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	30274	4.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	3640	3.495	ug/l #	78
82) 4-Chlorotoluene	11.51	91	30351	4.554	ug/l	97
83) tert-Butylbenzene	11.77	119	32599	4.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	31064	4.459	ug/l	97
85) sec-Butylbenzene	11.94	105	35971	4.460	ug/l	99
86) p-Isopropyltoluene	12.06	119	31690	4.296	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	16378	4.313	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	17243	4.497	ug/l	91
89) n-Butylbenzene	12.39	91	27641	4.243	ug/l	97
90) Hexachloroethane	12.59	117	5583	3.922	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	17881	4.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3572	4.260	ug/l	91

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ClientSampleId :
VSTDICC005

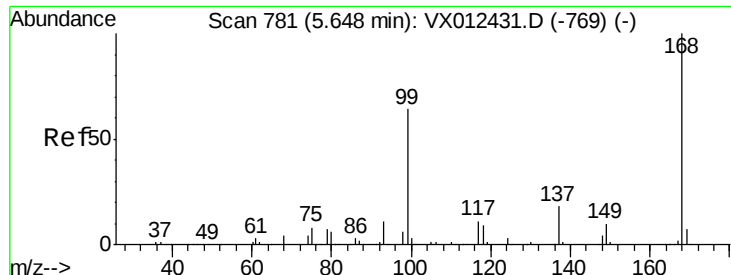
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	10566	4.069	ug/l	99
94) Hexachlorobutadiene	13.78	225	5075	4.088	ug/l	94
95) Naphthalene	13.83	128	38111	4.297	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	10789	4.175	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 164703

Ion Ratio Lower Upper

168 100

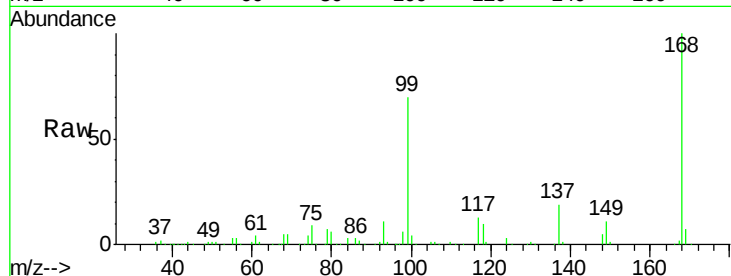
99 69.5 51.4 77.2

Manual Integrations

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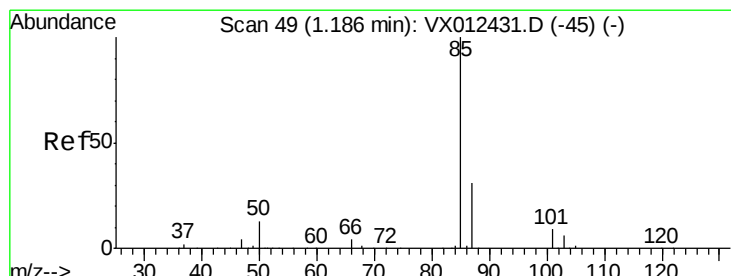
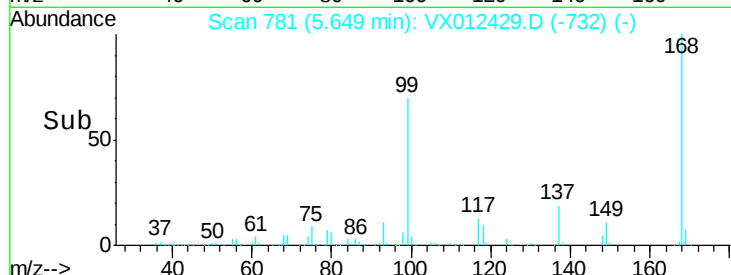
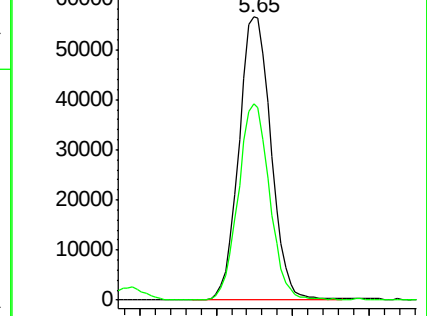
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.777 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012429.D

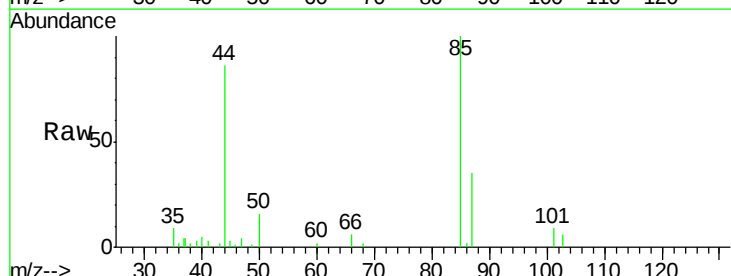
Acq: 17 Sep 2019 12:23

Tgt Ion: 85 Resp: 3808

Ion Ratio Lower Upper

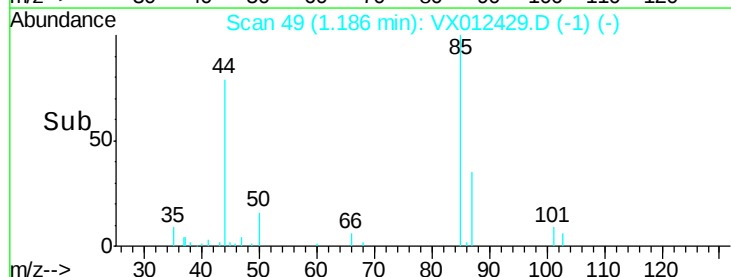
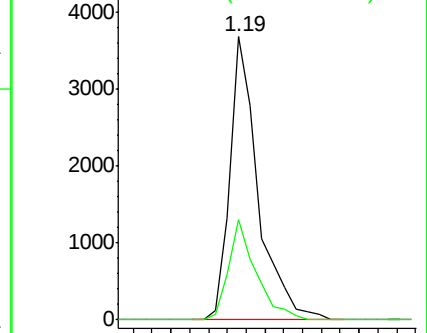
85 100

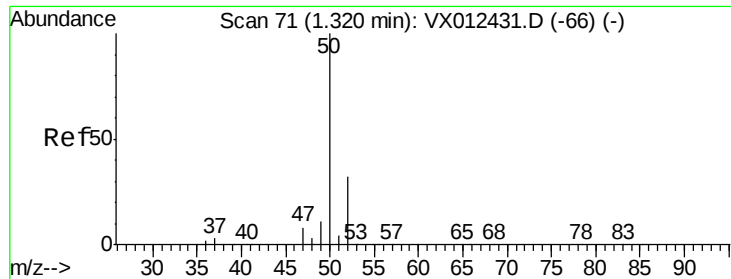
87 35.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 3.188 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 3789

Ion Ratio Lower Upper

50 100

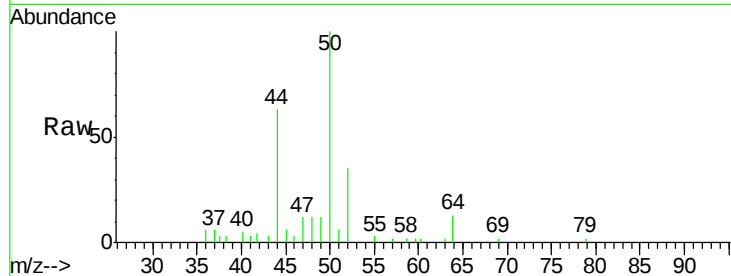
52 34.6 25.7 38.5

Manual Integrations

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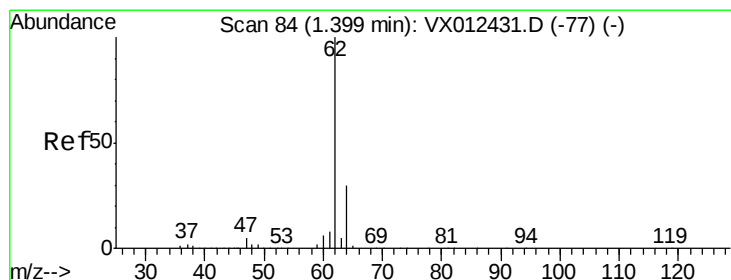
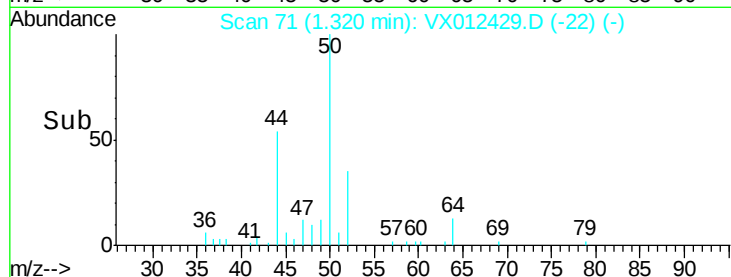
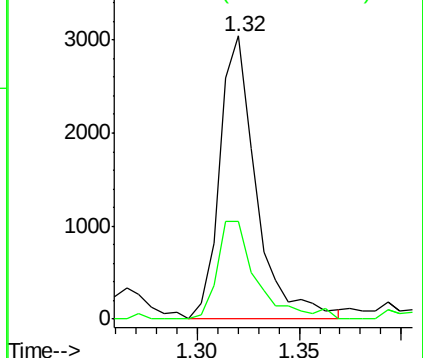
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 3.234 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012429.D

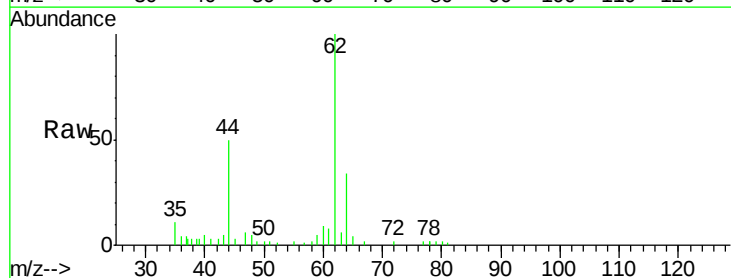
Acq: 17 Sep 2019 12:23

Tgt Ion: 62 Resp: 4239

Ion Ratio Lower Upper

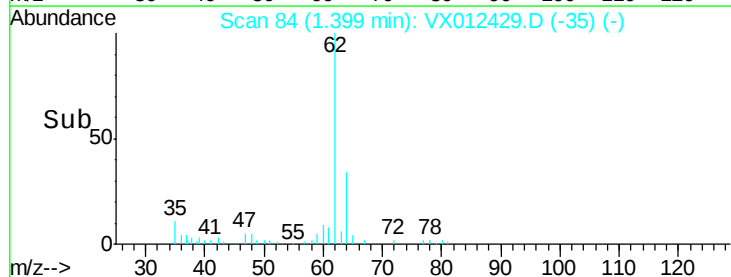
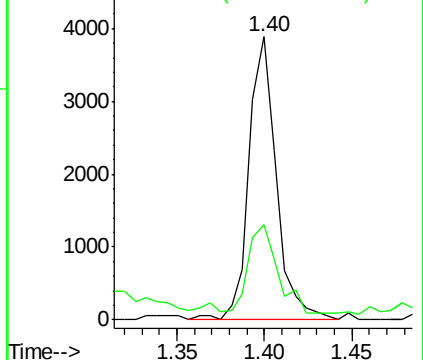
62 100

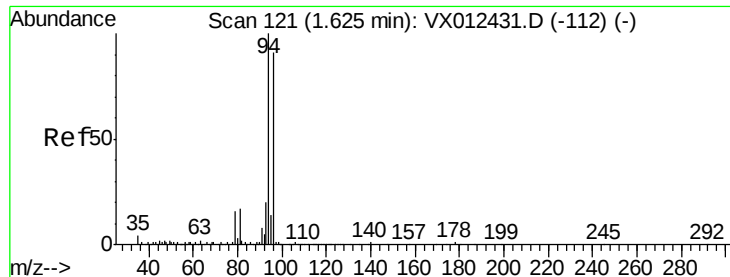
64 31.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 3.584 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 1964

Ion Ratio Lower Upper

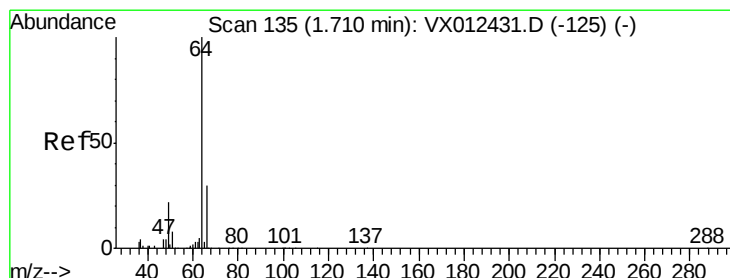
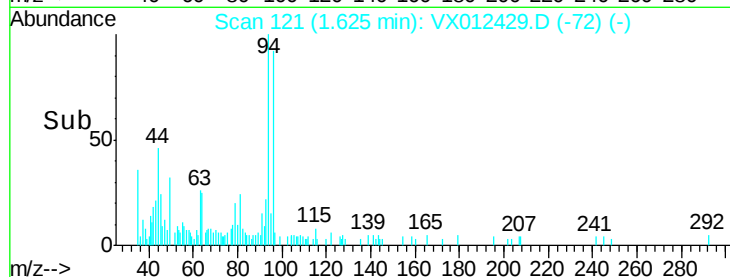
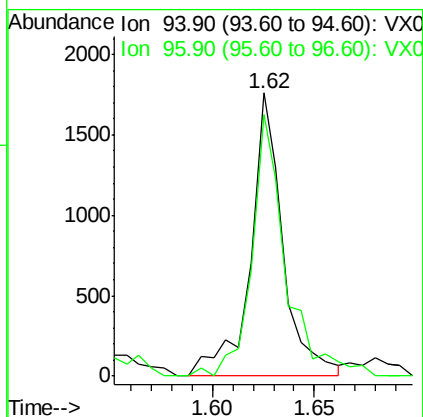
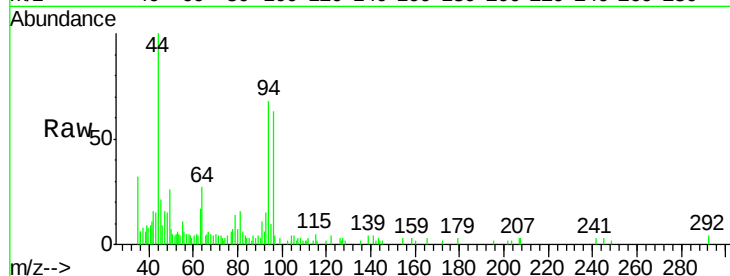
94 100

96 92.4 72.8 109.2

Manual Integrations
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#6

Chloroethane

Concen: 4.659 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012429.D

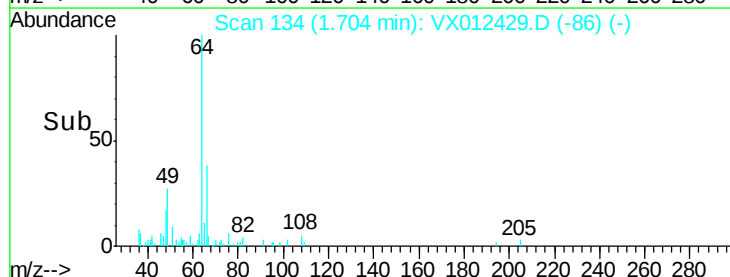
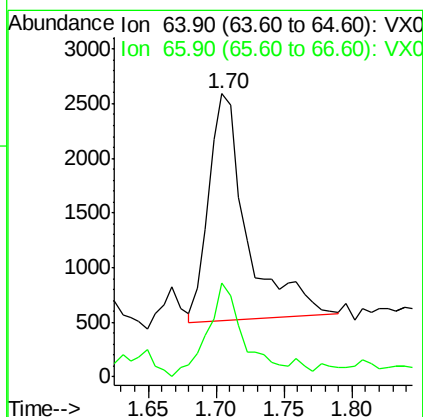
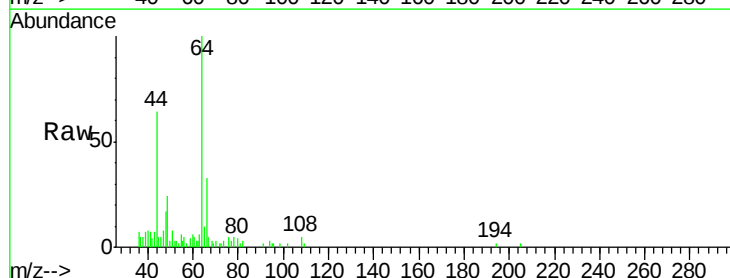
Acq: 17 Sep 2019 12:23

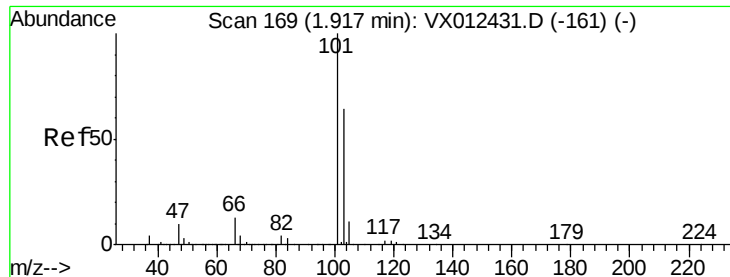
Tgt Ion: 64 Resp: 4058

Ion Ratio Lower Upper

64 100

66 38.3 24.0 36.0#





#7

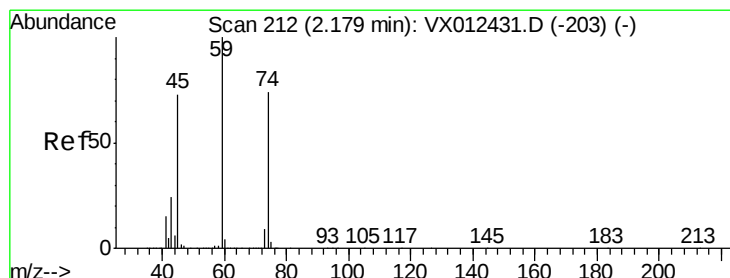
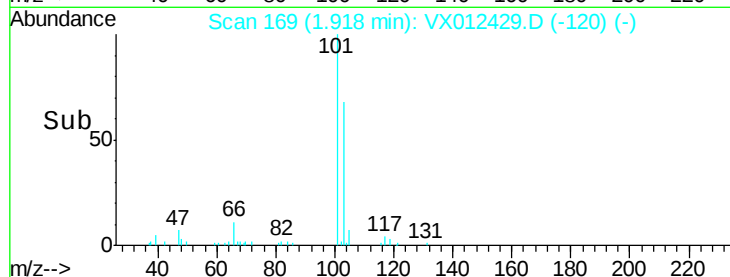
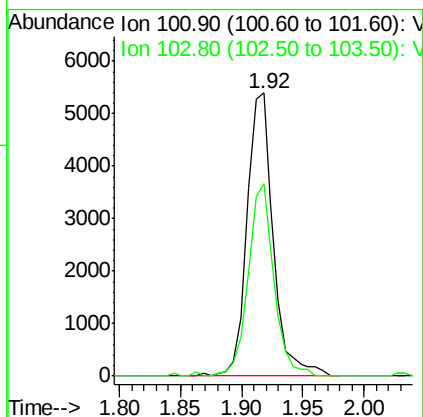
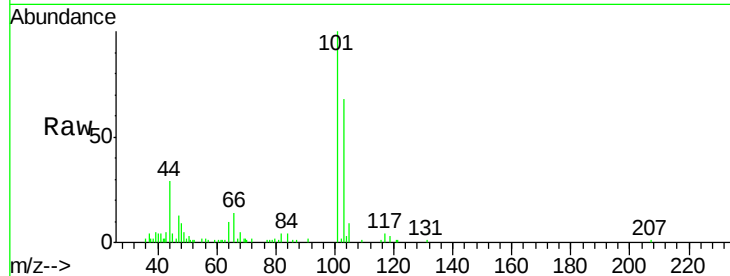
Trichlorofluoromethane
 Concen: 3.371 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.0	76.4

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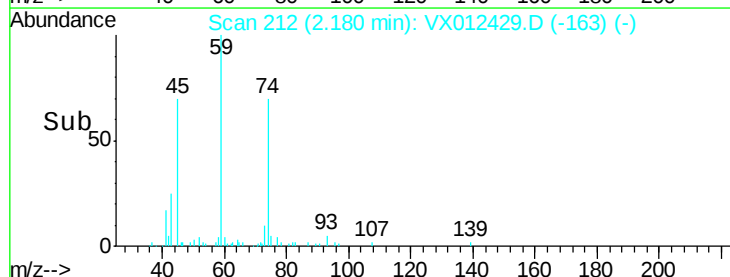
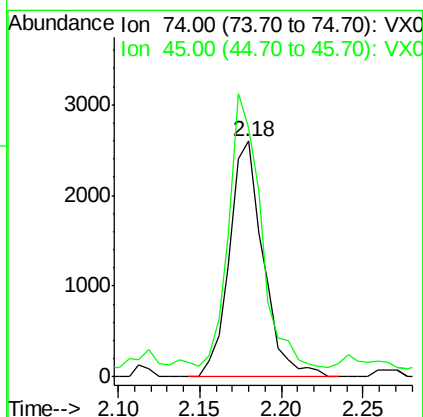
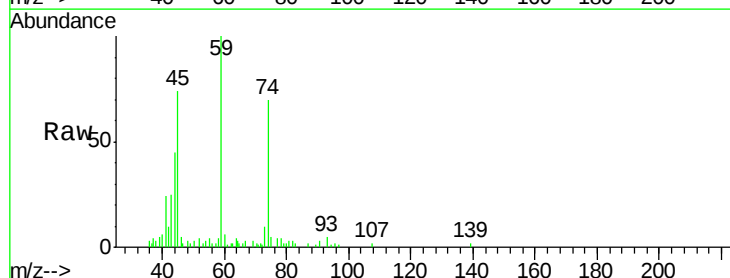
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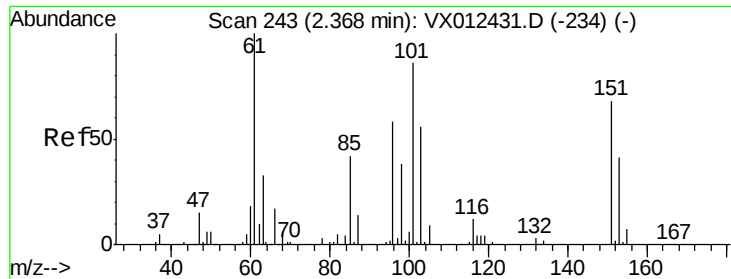


#8

Diethyl Ether
 Concen: 3.550 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.8	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.491 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

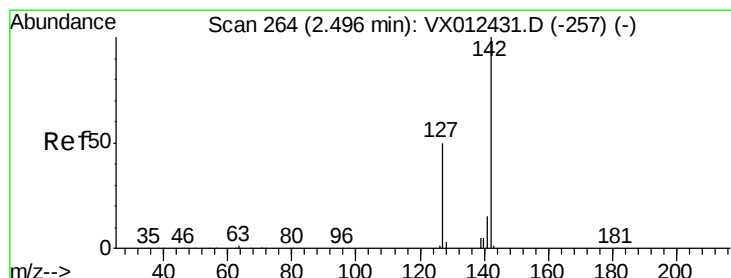
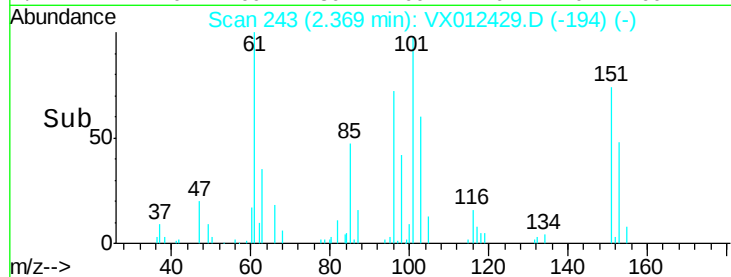
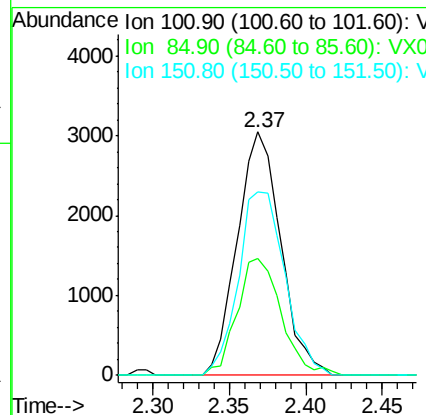
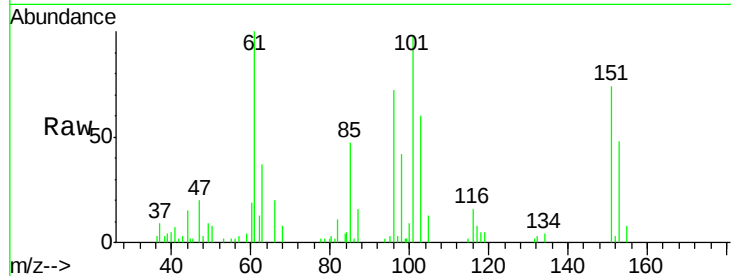
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	6024
Ion Ratio	Lower	Upper	
101	100		
85	48.9	37.3	55.9
151	80.6	61.0	91.4

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#10

Methyl Iodide

Concen: 2.053 ug/l

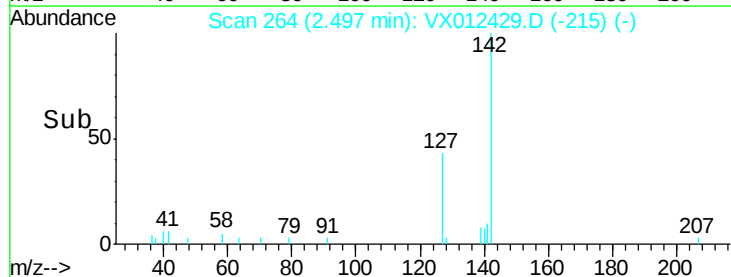
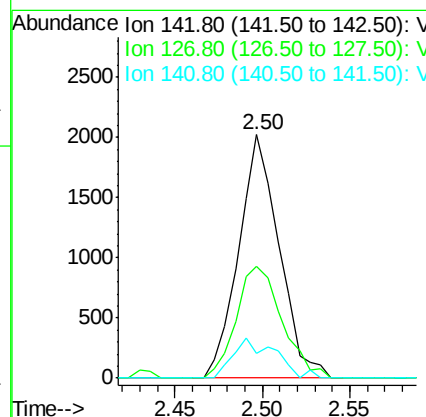
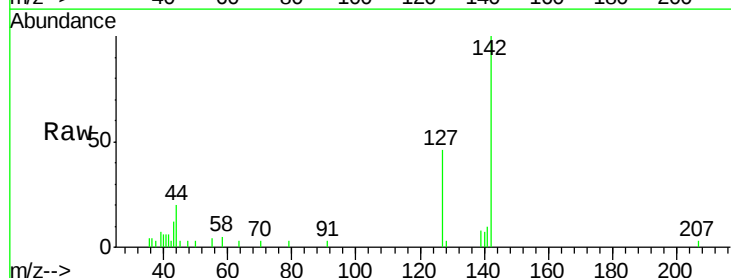
RT: 2.50 min Scan# 264

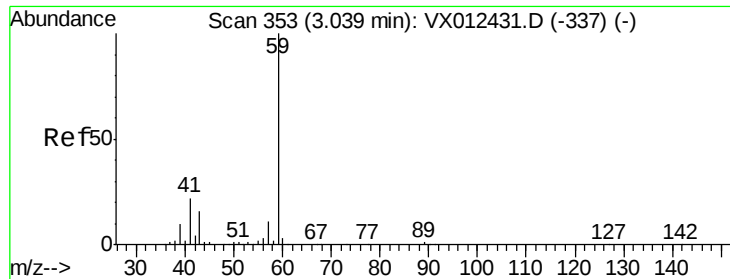
Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion:	142	Resp:	3255
Ion Ratio	Lower	Upper	
142	100		
127	52.0	40.8	61.2
141	17.1	12.1	18.1





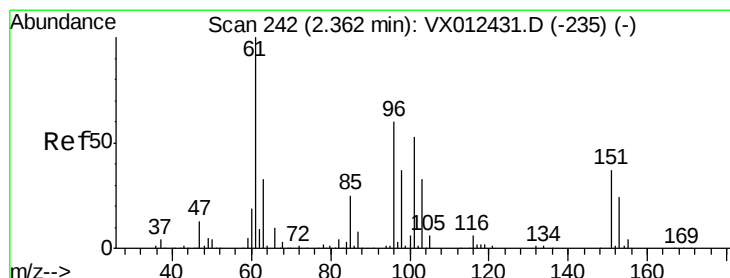
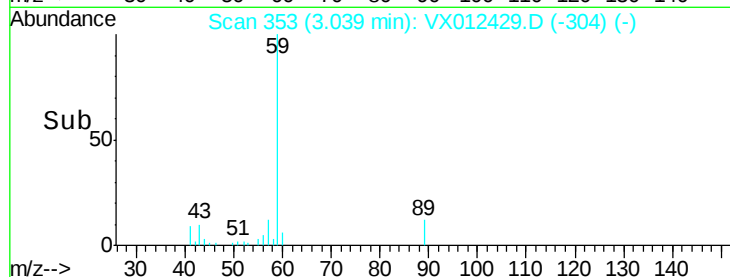
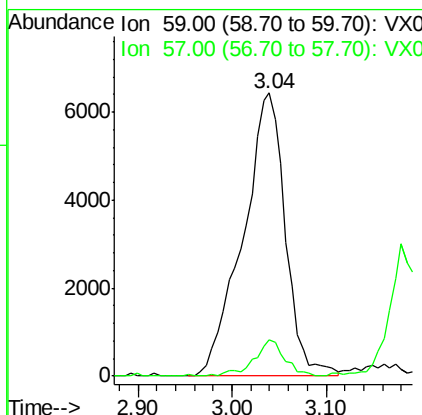
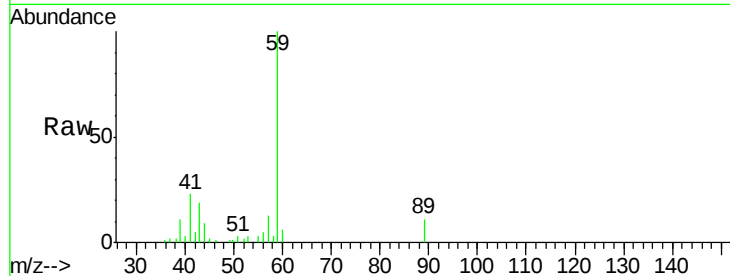
#11
Tert butyl alcohol
Concen: 25.161 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

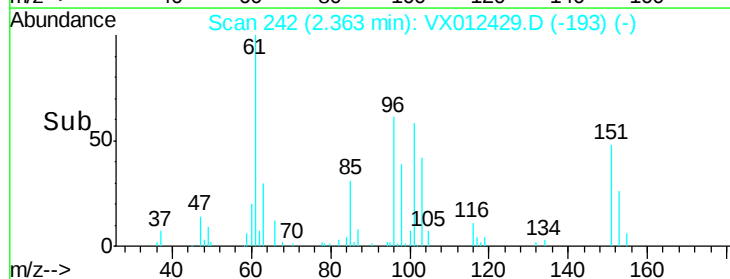
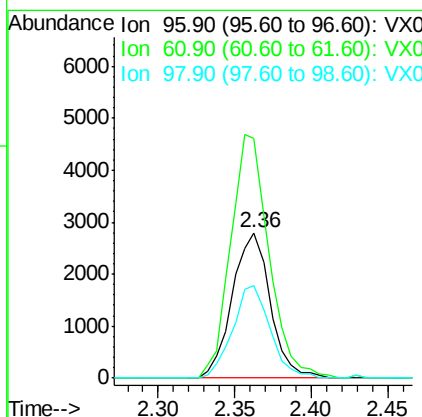
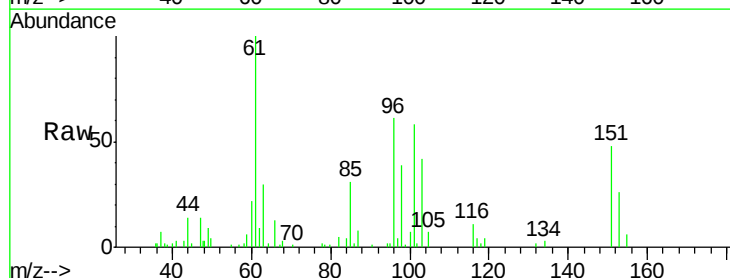
Manual Integrations
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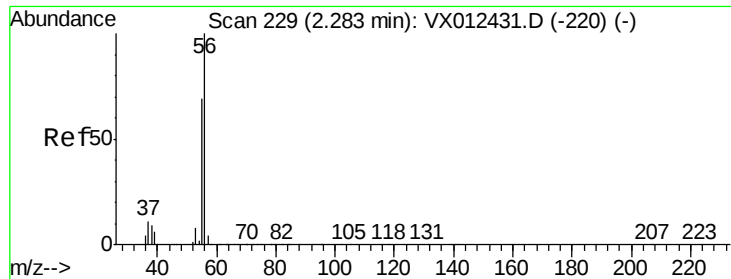
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#12
1,1-Dichloroethene
Concen: 3.555 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	133.8	200.6
98	63.6	49.9	74.9





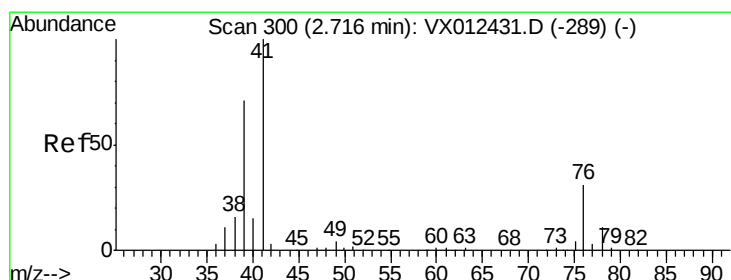
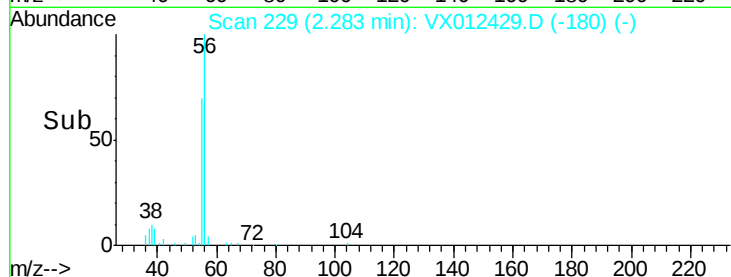
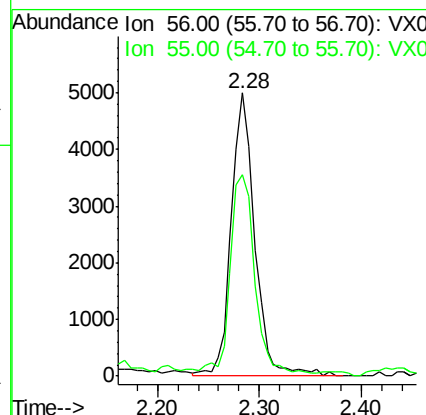
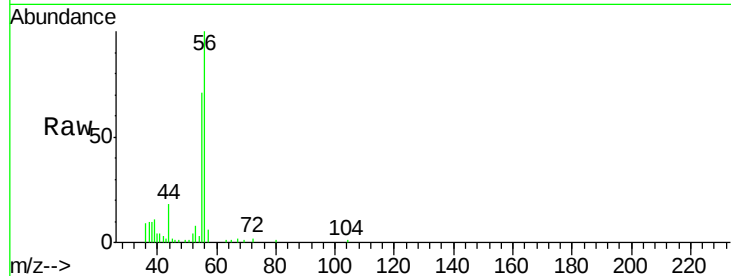
#13
Acrolein
Concen: 23.967 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	56	Resp	8007
Ion Ratio	100	Lower	Upper
55	71.3	55.8	83.8

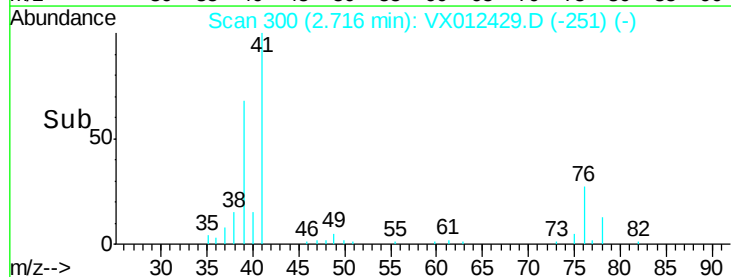
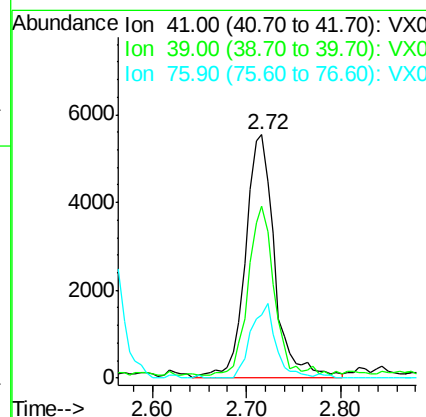
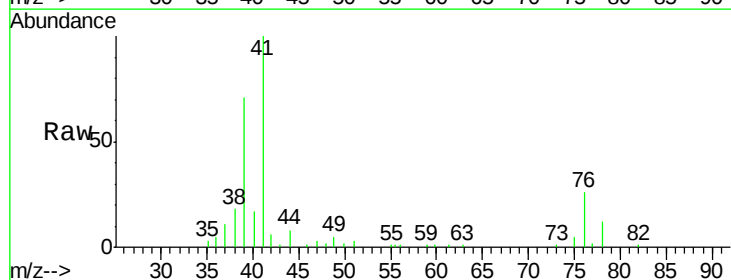
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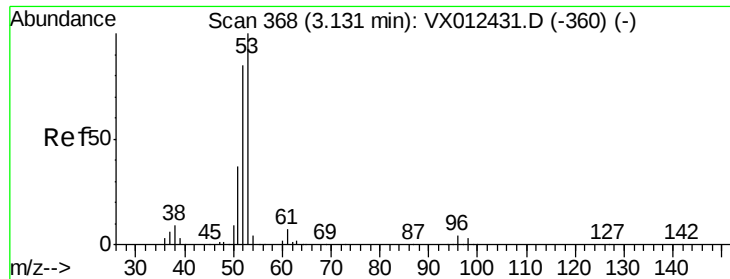
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#14
Allyl chloride
Concen: 3.824 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	41	Resp	12046
Ion Ratio	100	Lower	Upper
39	61.6	51.3	76.9
76	26.0	22.6	33.8





#15

Acrylonitrile

Concen: 19.283 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

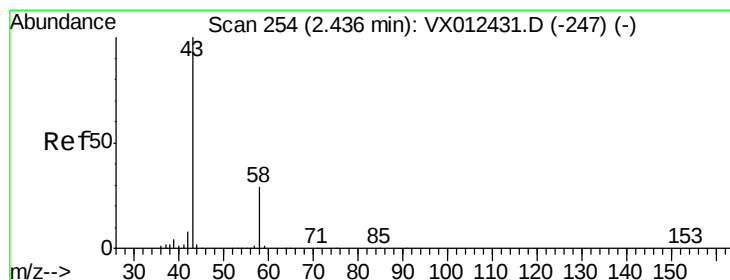
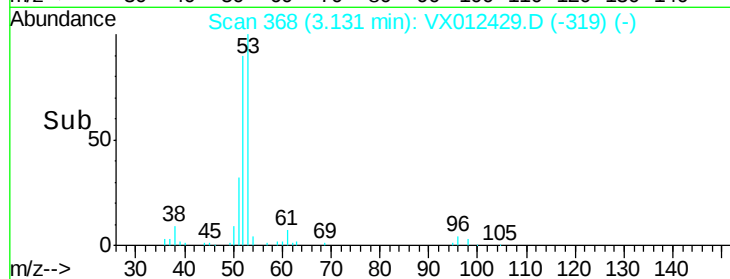
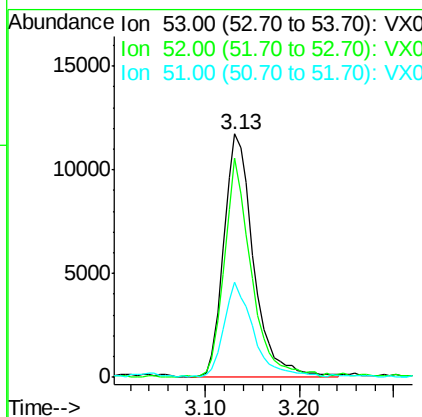
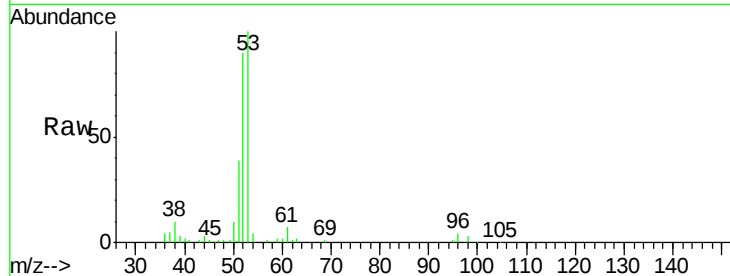
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	25853
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.0	100.4
51	38.8	29.6	44.4

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#16

Acetone

Concen: 22.492 ug/l

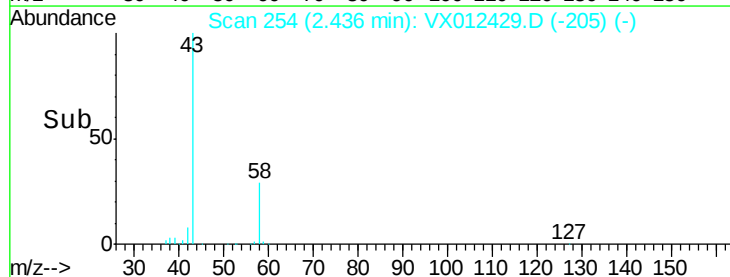
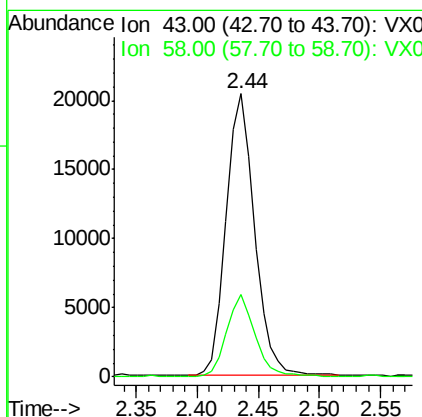
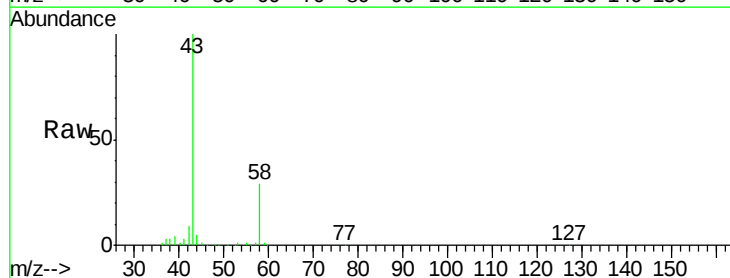
RT: 2.44 min Scan# 254

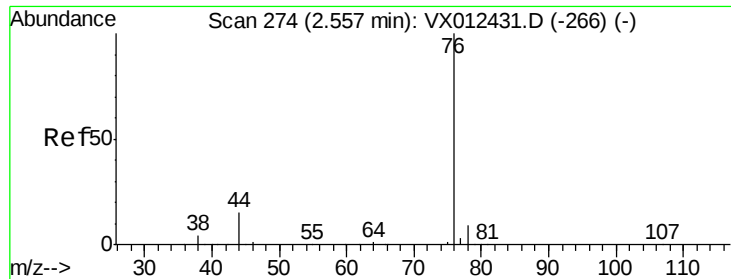
Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion:	43	Resp:	32890
Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.3	34.9





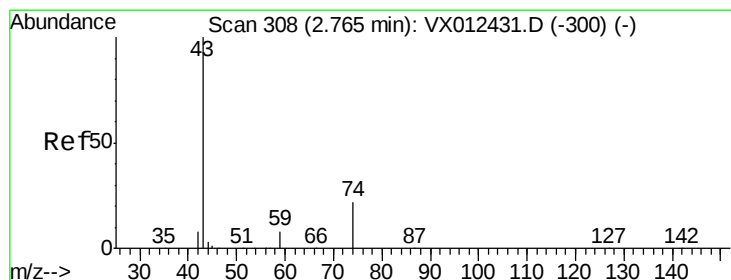
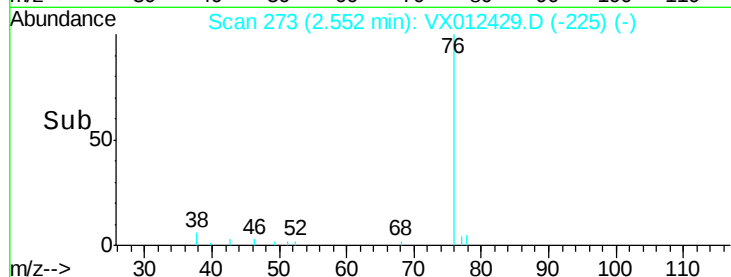
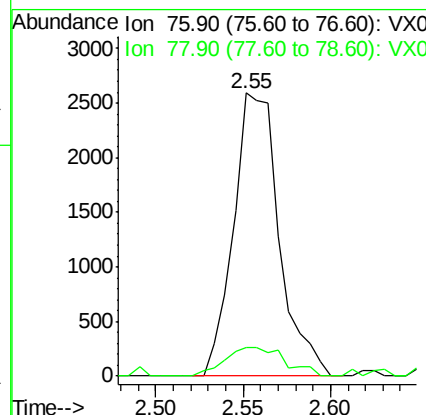
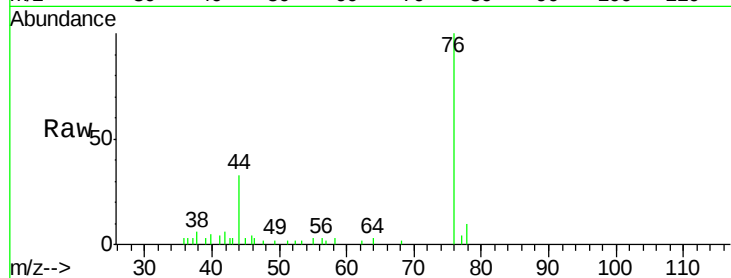
#17
Carbon Disulfide
Concen: 2.630 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 76 Resp: 4712
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

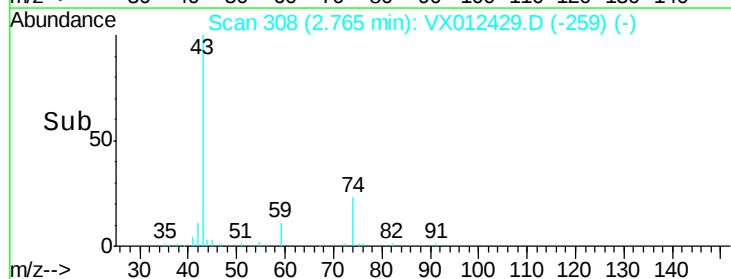
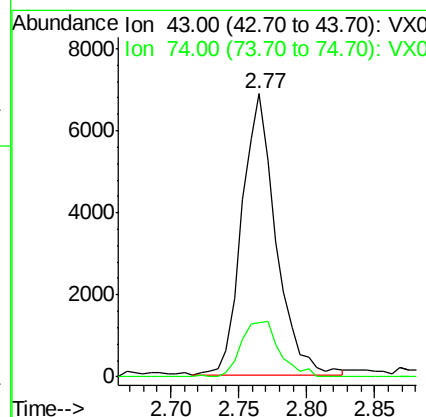
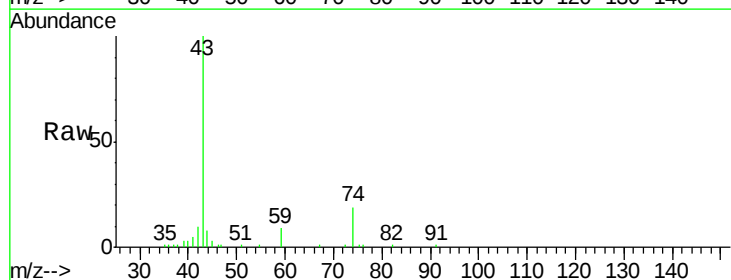
Manual Integrations
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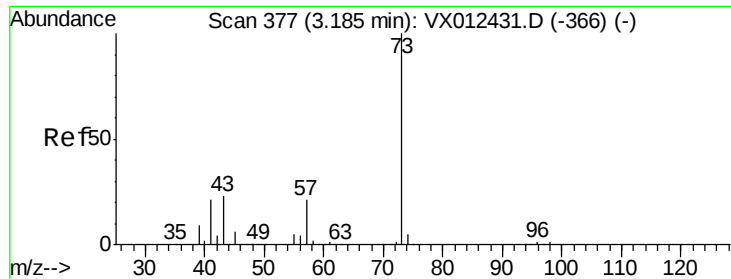
MMDadoda
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#18
Methyl Acetate
Concen: 3.715 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 43 Resp: 11942
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5





#19

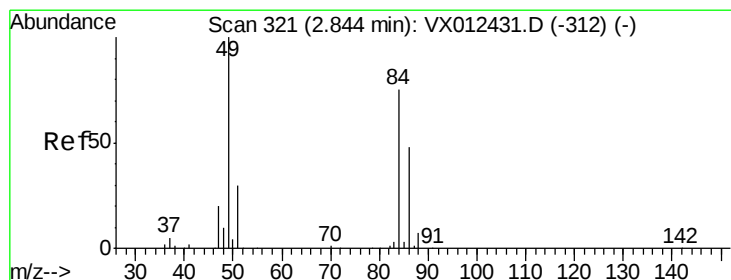
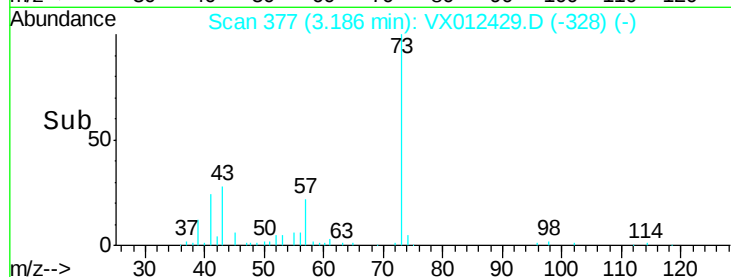
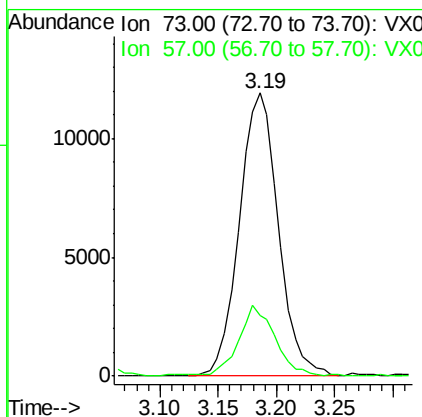
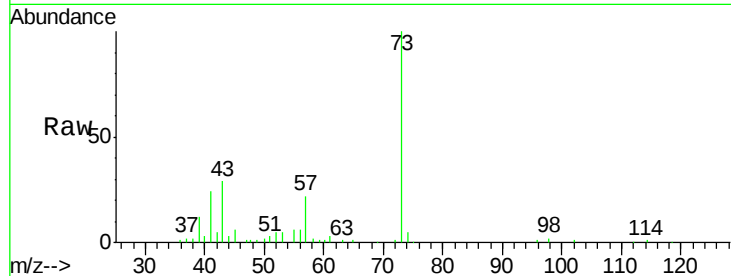
Methyl tert-butyl Ether
 Concen: 3.770 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	73	Resp	27774
Ion Ratio	100	Lower	Upper
73	100		
57	21.0	16.8	25.2

Manual Integrations
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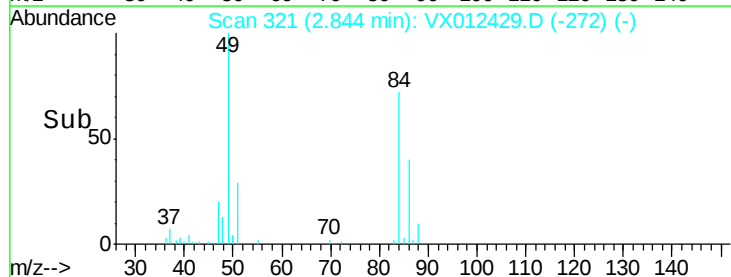
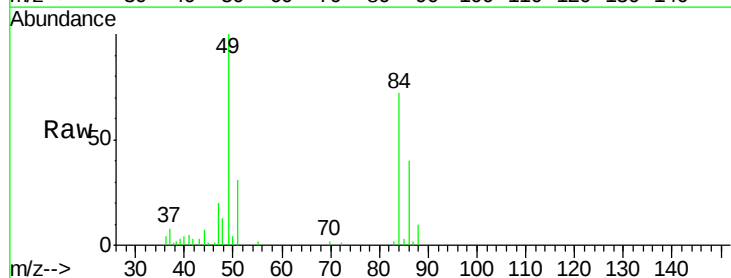
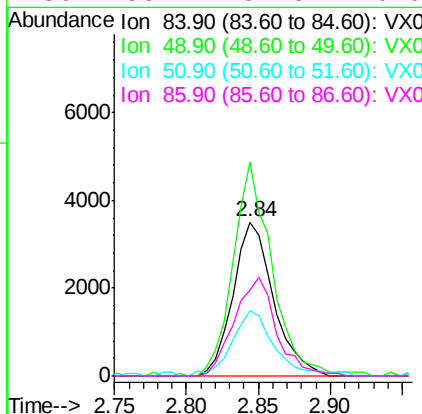
MMDadoda
 9/18/2019 11:22:05 AM

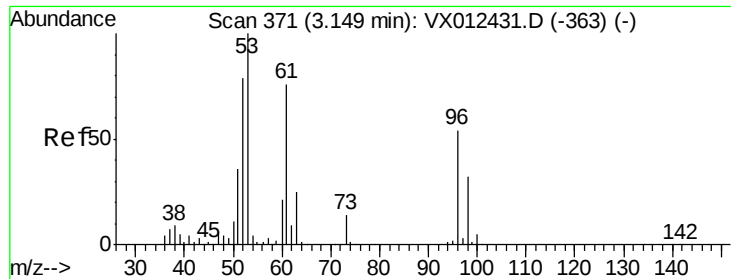


#20

Methylene Chloride
 Concen: 3.493 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	84	Resp	6862
Ion Ratio	100	Lower	Upper
84	100		
49	138.7	106.8	160.2
51	42.5	32.3	48.5
86	55.4	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 3.286 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 4792

Ion Ratio Lower Upper

96 100

61 139.7 112.0 168.0

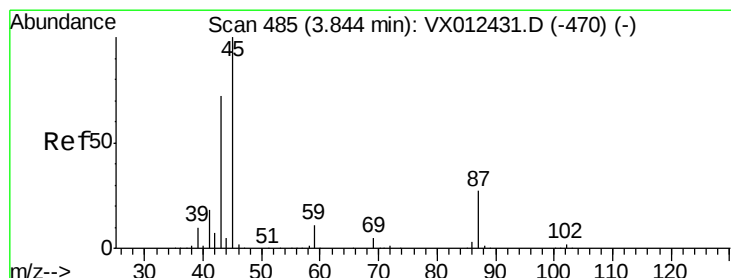
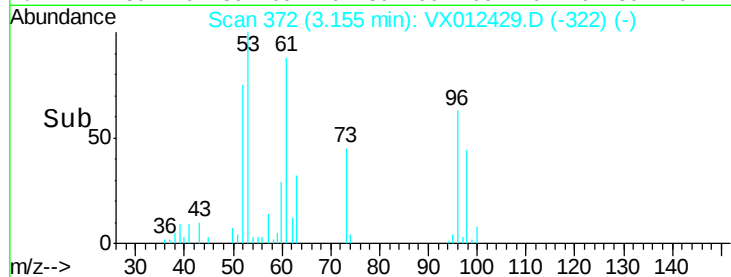
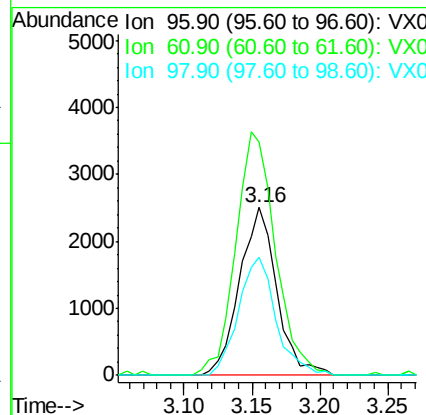
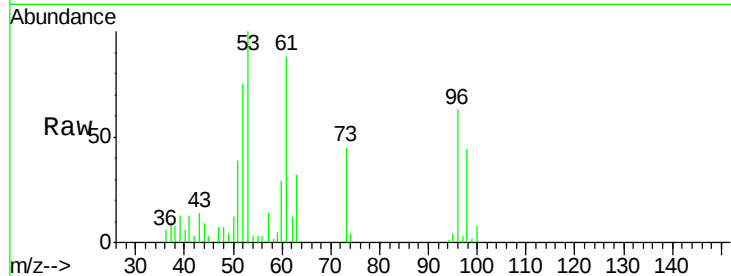
98 70.3 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 3.829 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion: 45 Resp: 27688

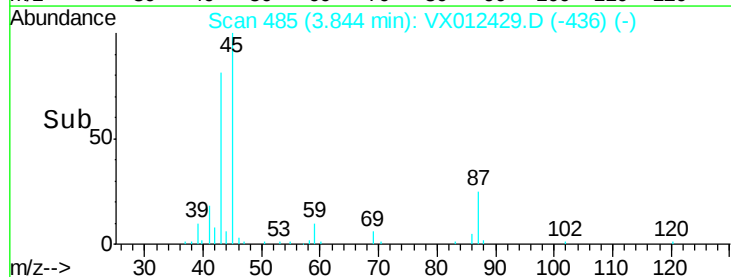
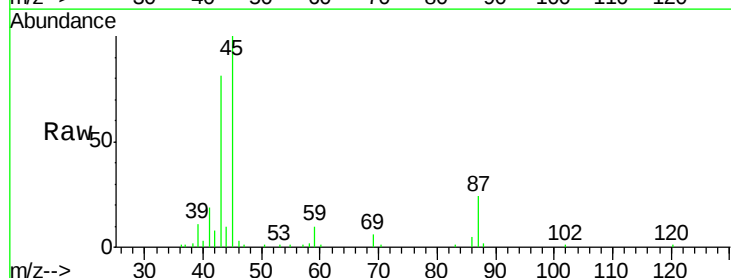
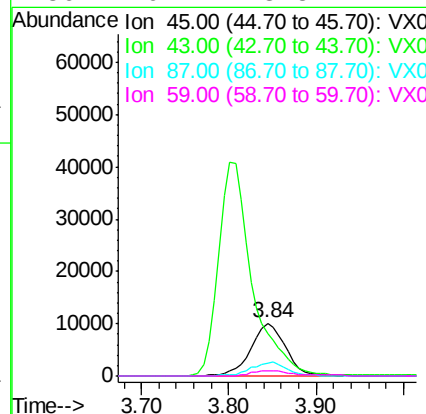
Ion Ratio Lower Upper

45 100

43 79.6 57.8 86.8

87 24.4 21.3 31.9

59 10.1 8.5 12.7





#23

Vinyl Acetate

Concen: 18.429 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 109919

Ion Ratio Lower Upper

43 100

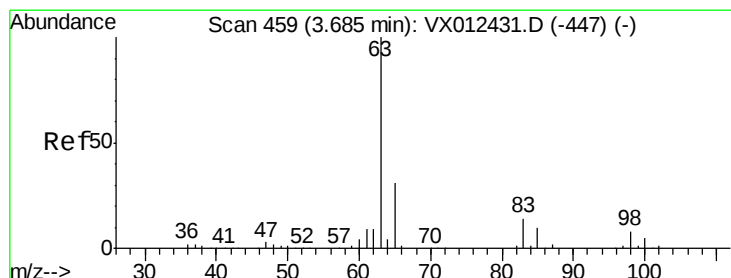
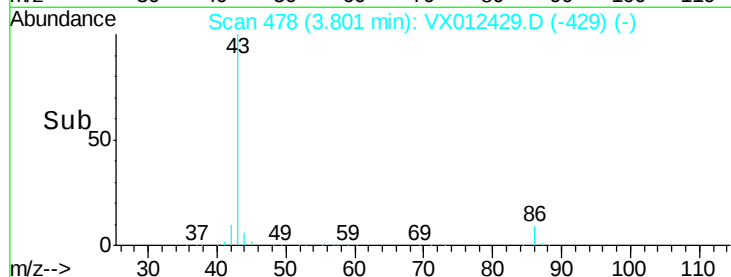
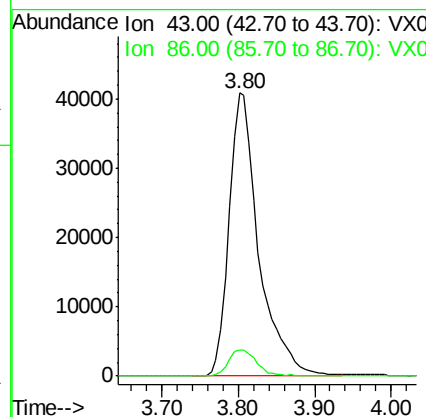
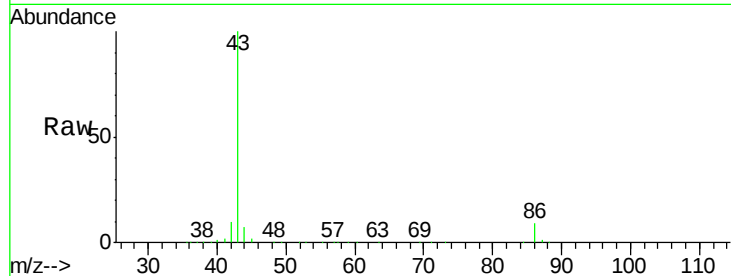
86 9.0 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 3.658 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

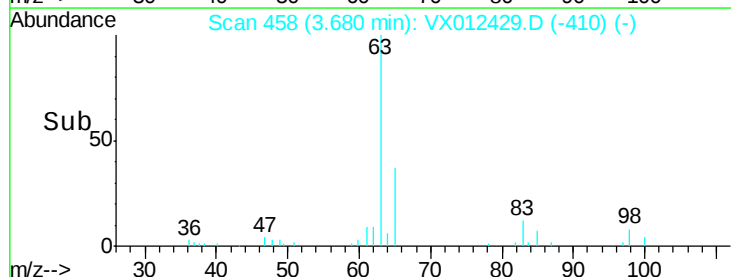
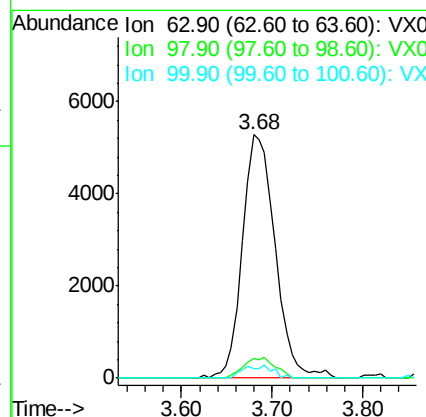
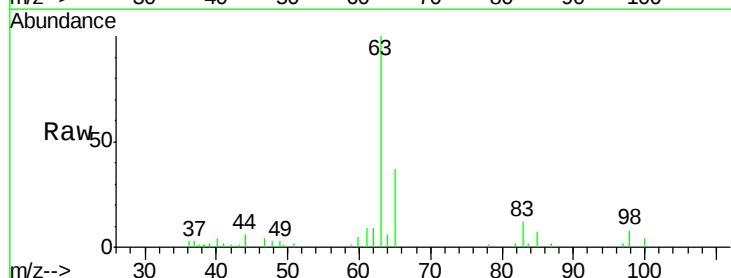
Tgt Ion: 63 Resp: 13248

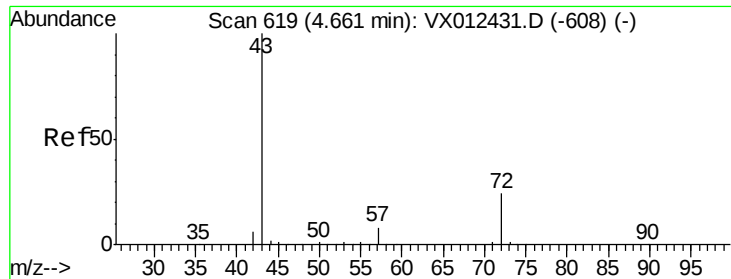
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.7

100 3.8 2.3 6.9





#25

2-Butanone

Concen: 20.608 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 42537

Ion Ratio Lower Upper

43 100

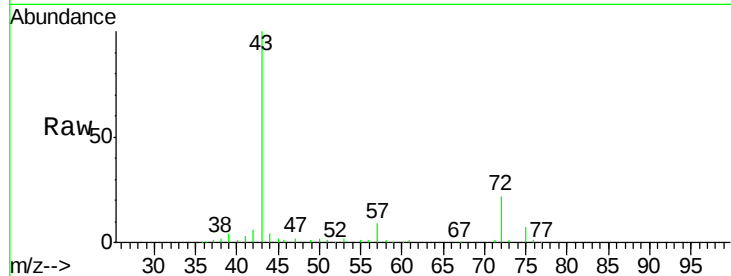
72 22.0 19.2 28.8

Manual Integrations

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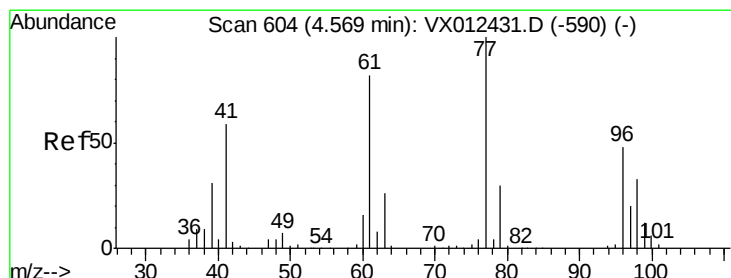
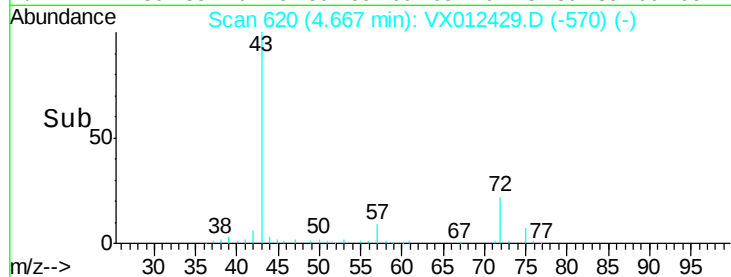
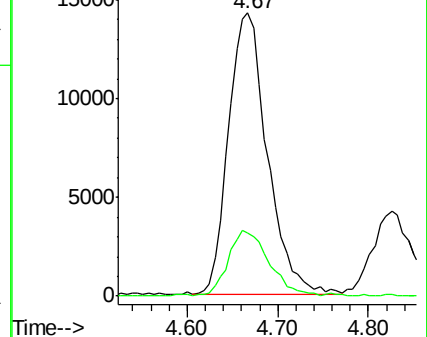
MMDadoda

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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: 3.684 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012429.D

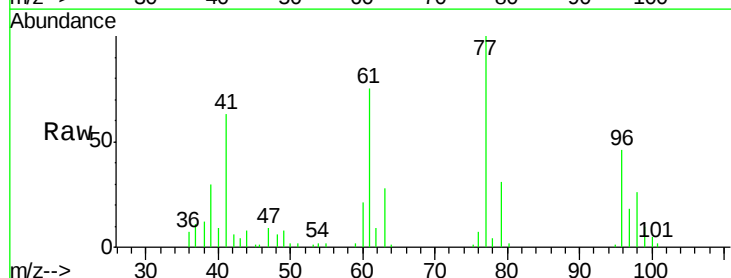
Acq: 17 Sep 2019 12:23

Tgt Ion: 77 Resp: 12735

Ion Ratio Lower Upper

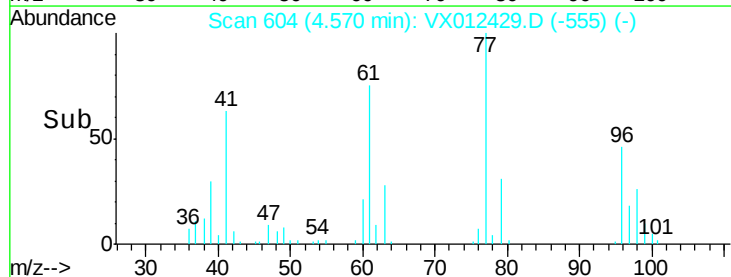
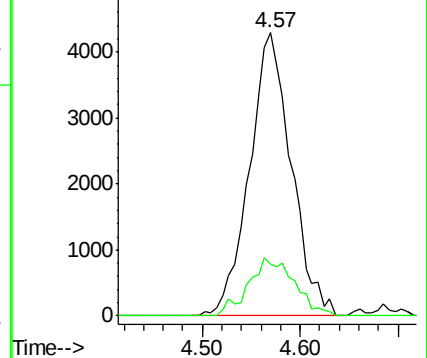
77 100

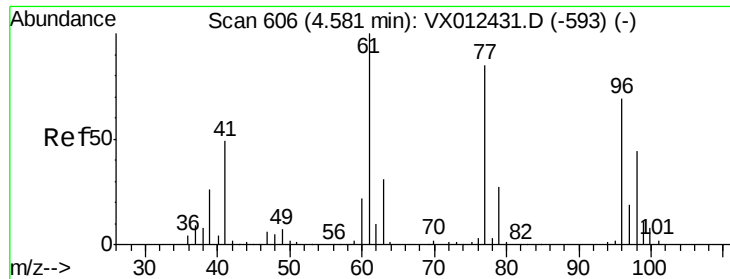
97 22.4 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

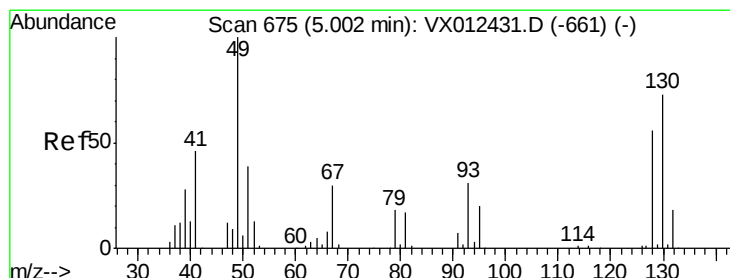
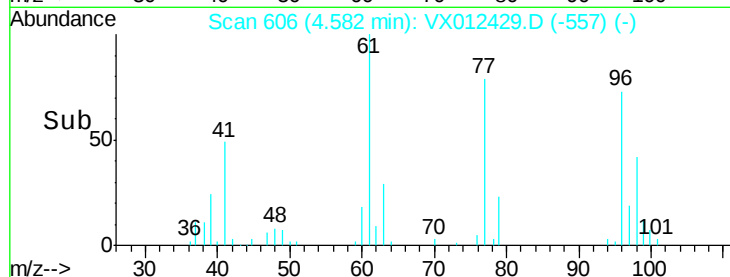
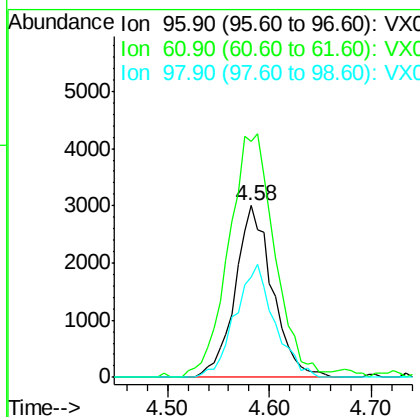
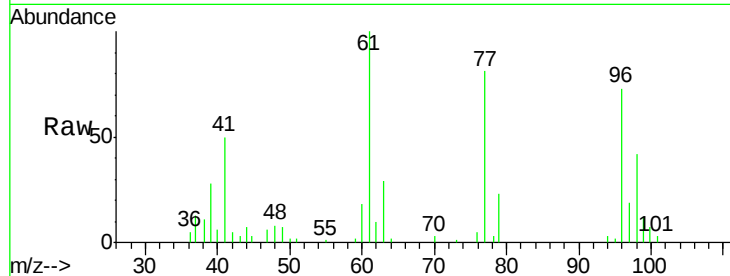
cis-1,2-Dichloroethene
Concen: 3.551 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	175.0	0.0	319.4
98	68.7	0.0	130.6

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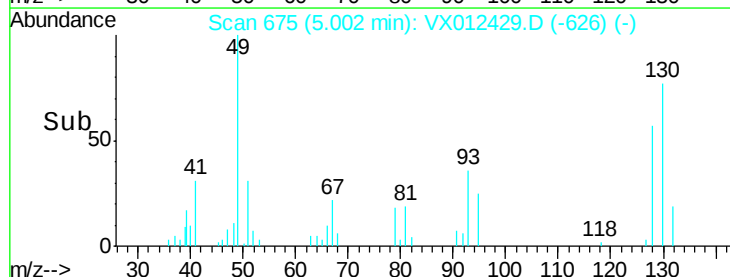
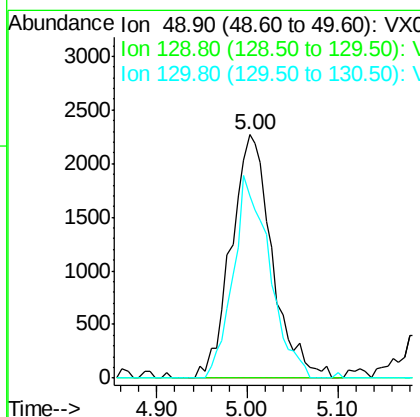
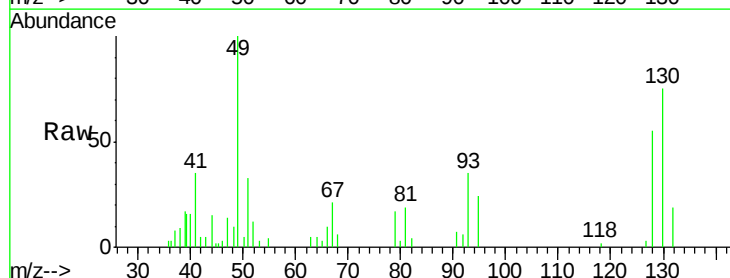
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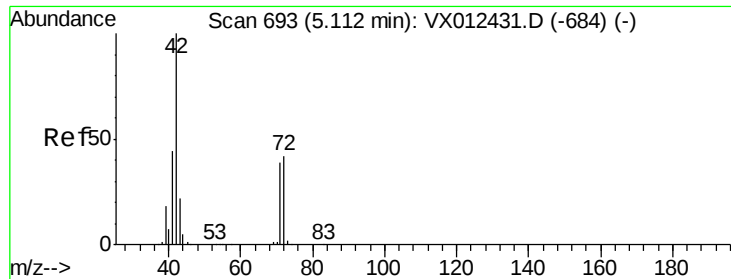


#28

Bromochloromethane
Concen: 3.837 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	73.7	58.2	87.4





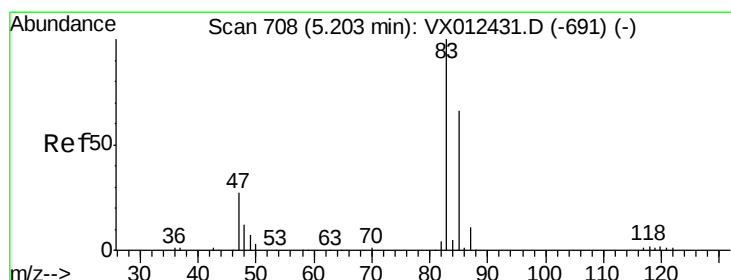
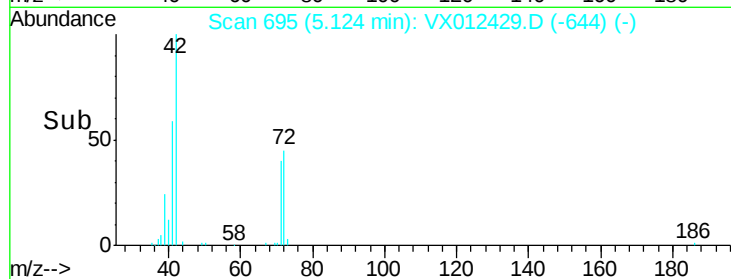
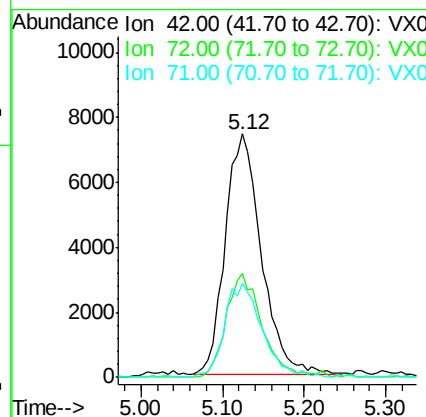
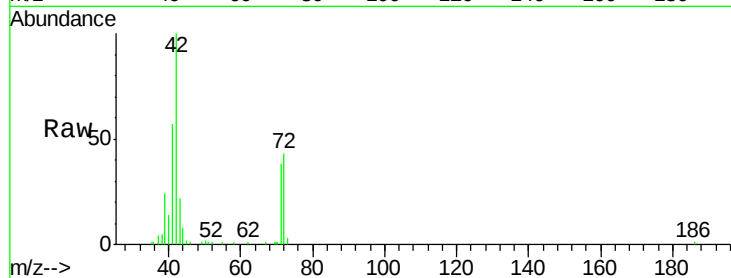
#29
Tetrahydrofuran
Concen: 19.021 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.0	51.0
71	40.6	31.5	47.3

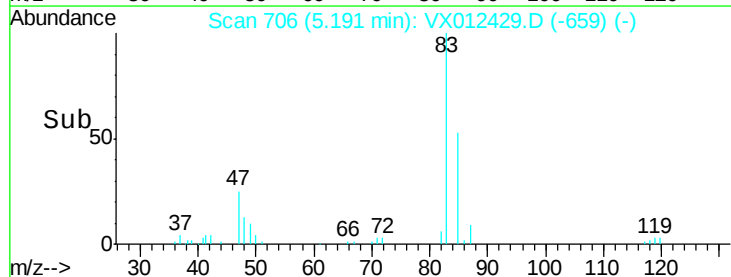
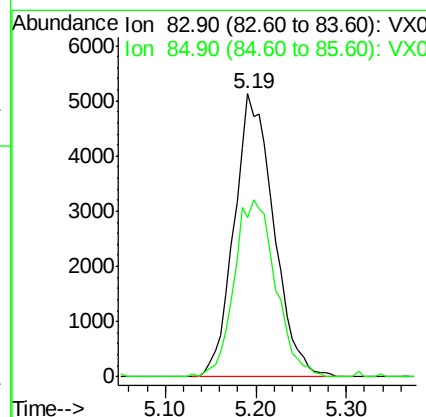
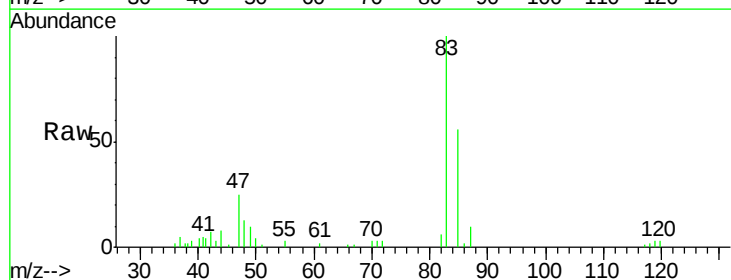
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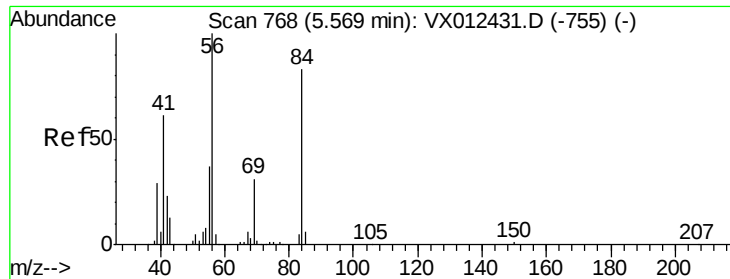
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#30
Chloroform
Concen: 3.708 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.1	53.0	79.4





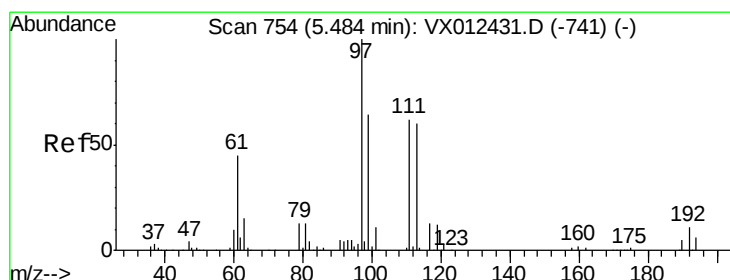
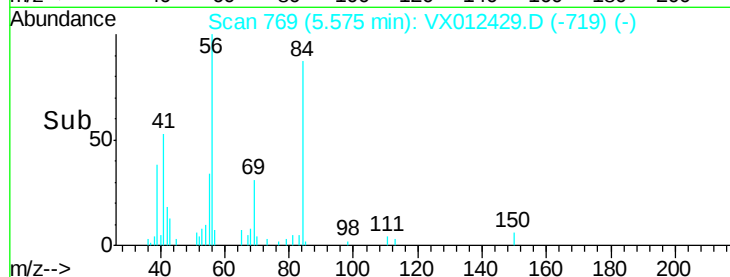
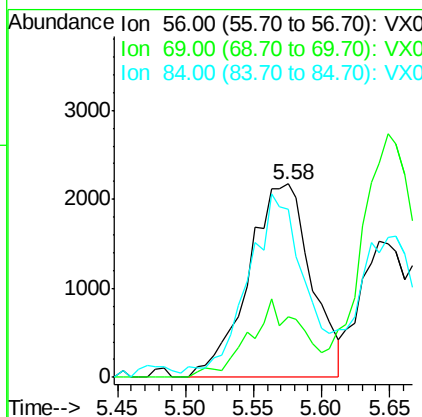
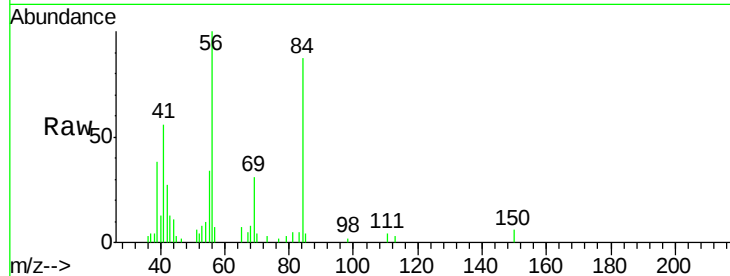
#31
Cyclohexane
Concen: 3.227 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	81.8	66.4	99.6

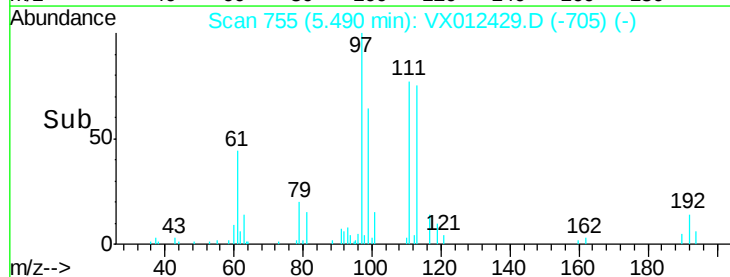
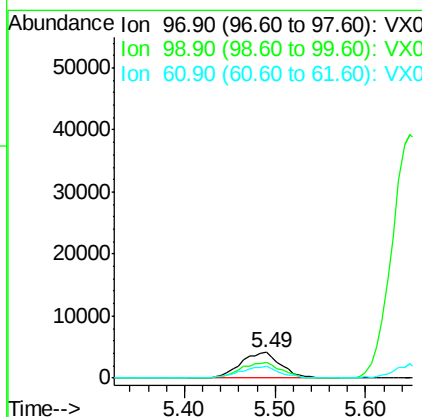
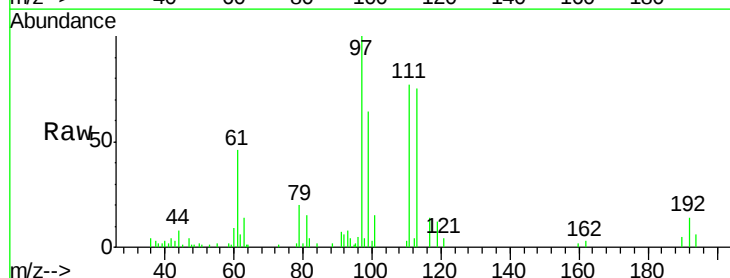
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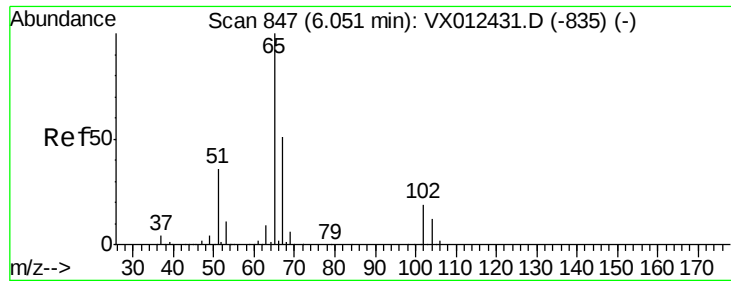
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#32
1,1,1-Trichloroethane
Concen: 3.679 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	44.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 4.197 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 65 Resp: 13114

Ion Ratio Lower Upper

65 100

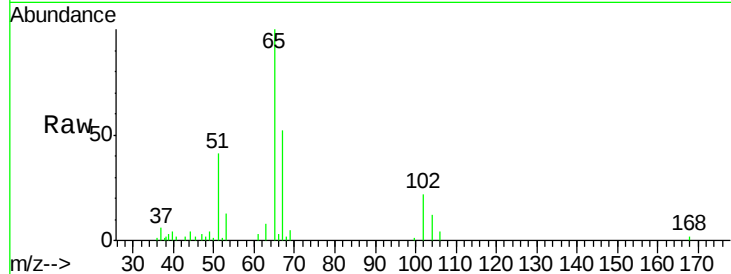
67 52.4 0.0 101.2

Manual Integrations

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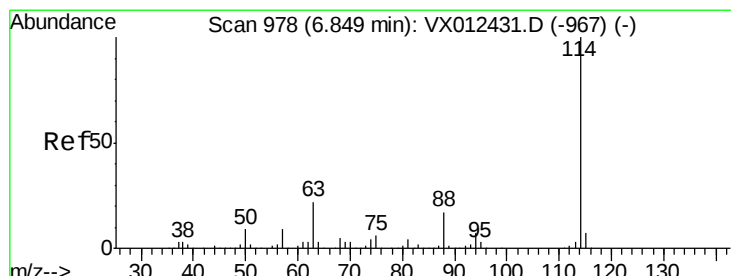
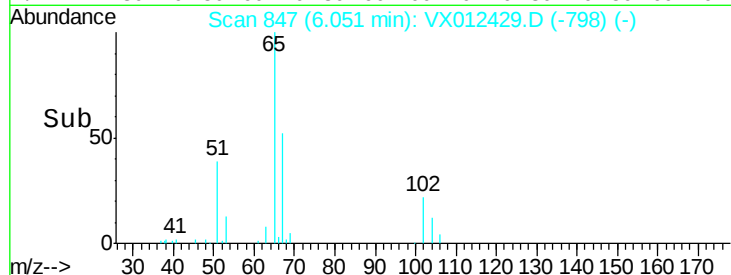
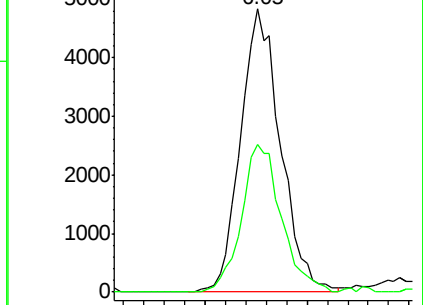
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

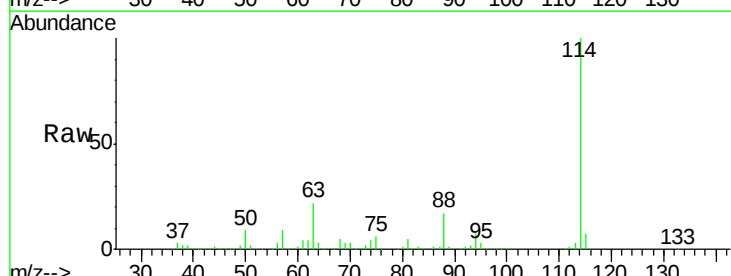
Tgt Ion: 114 Resp: 280717

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

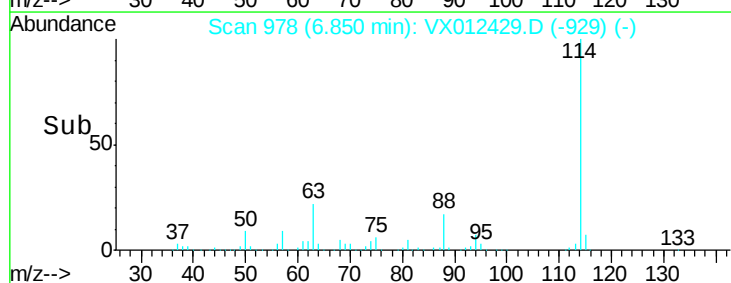
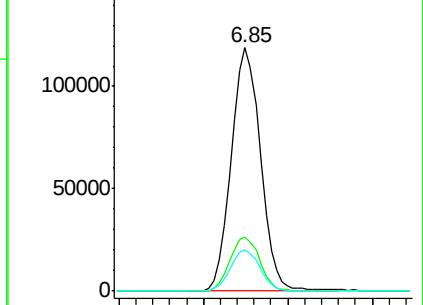
88 17.1 0.0 33.2

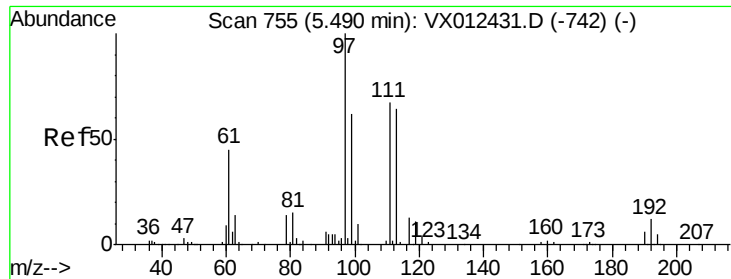


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 3.594 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

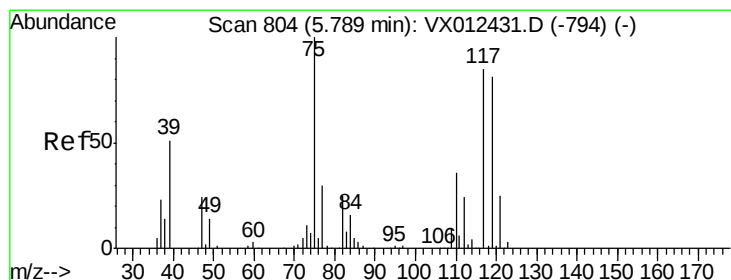
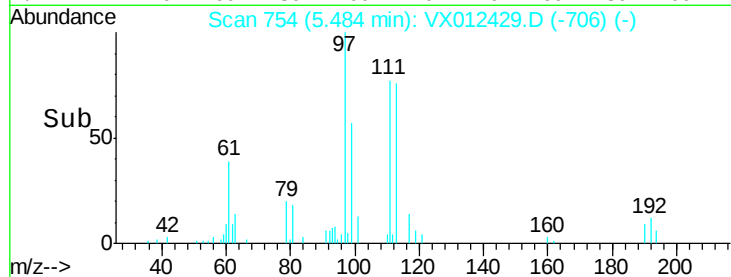
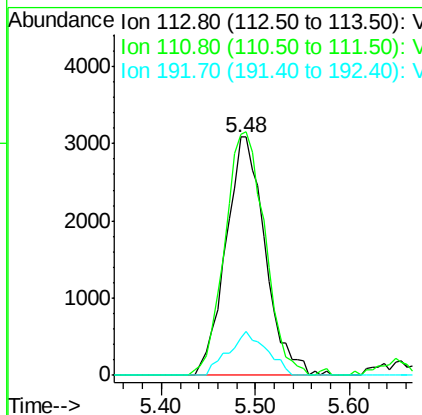
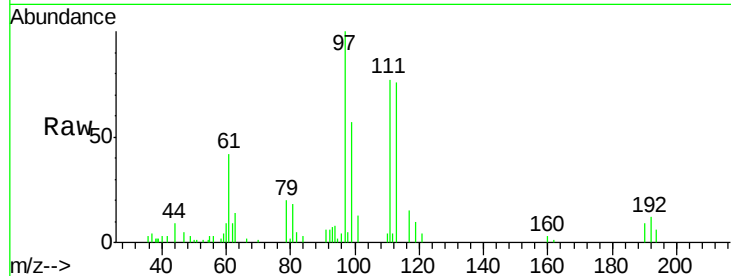
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	8943
Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.4	125.2
192	17.9	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 3.102 ug/l

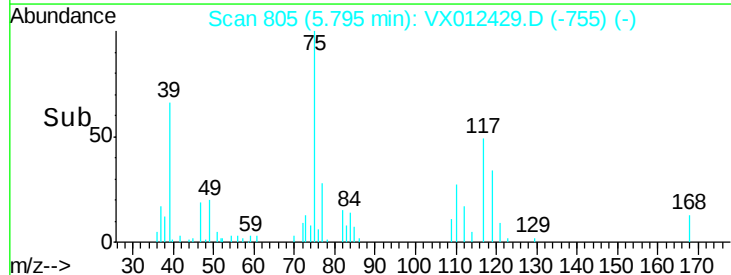
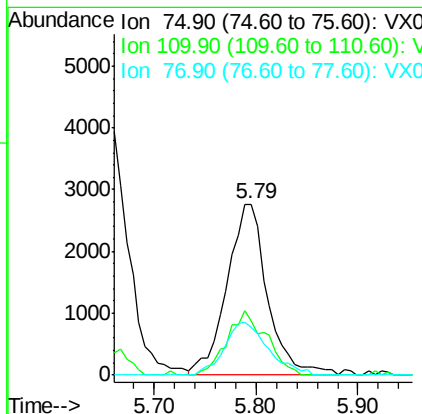
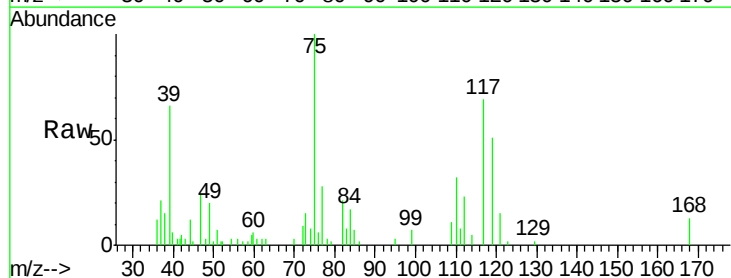
RT: 5.79 min Scan# 805

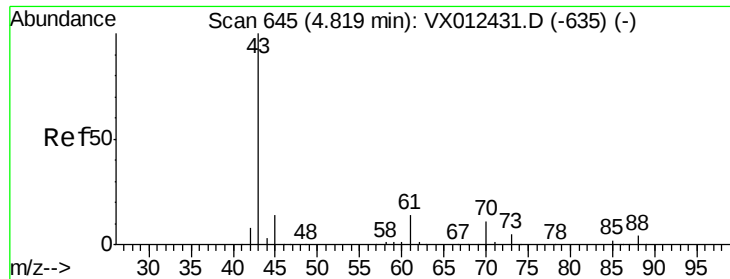
Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion:	75	Resp:	7597
Ion	Ratio	Lower	Upper
75	100		
110	36.8	16.7	50.0
77	33.4	24.2	36.2





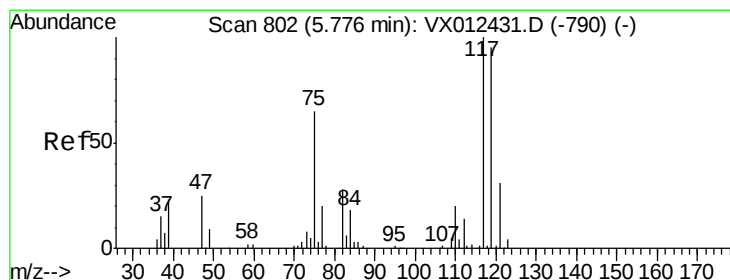
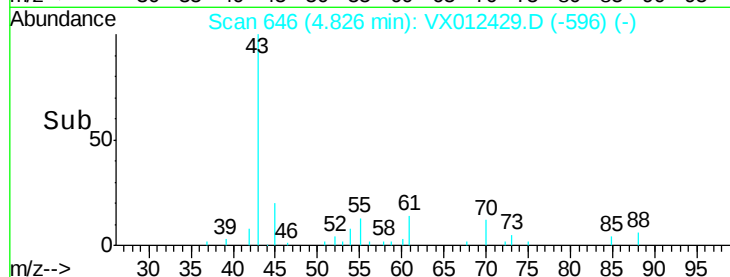
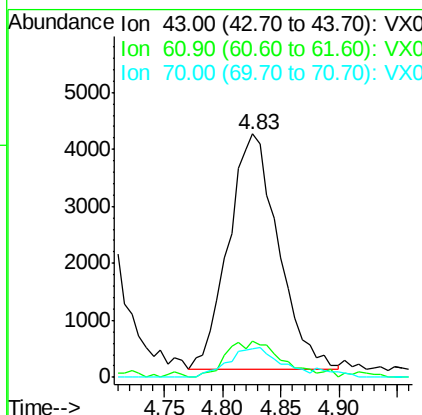
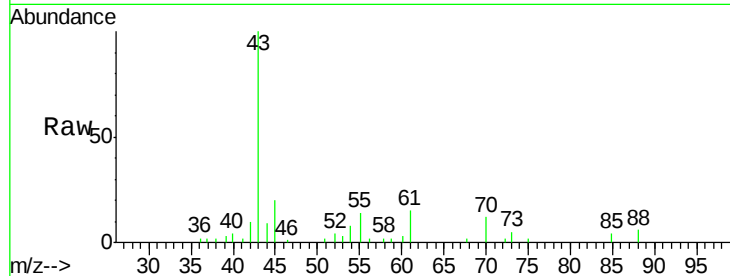
#37
Ethyl Acetate
Concen: 3.281 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	6.9	10.2	15.4#
70	13.0	8.7	13.1

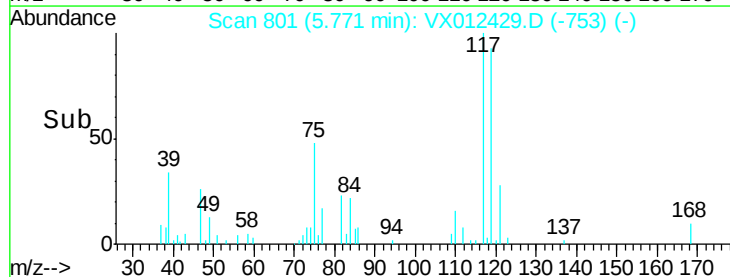
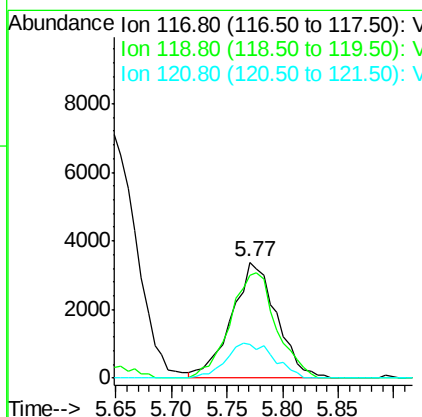
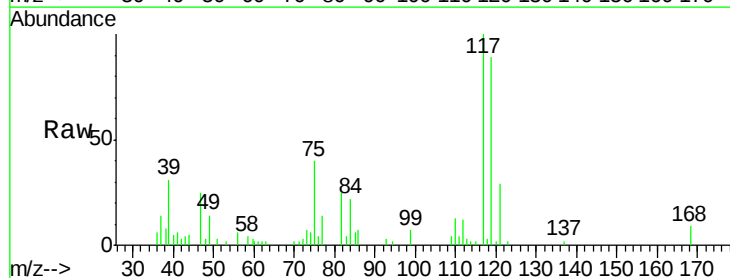
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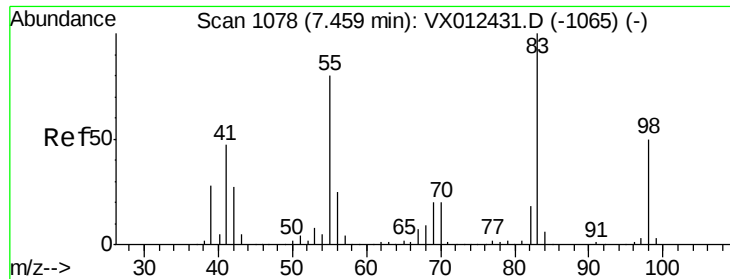
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#38
Carbon Tetrachloride
Concen: 3.186 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	75.7	113.5
121	28.9	24.2	36.4





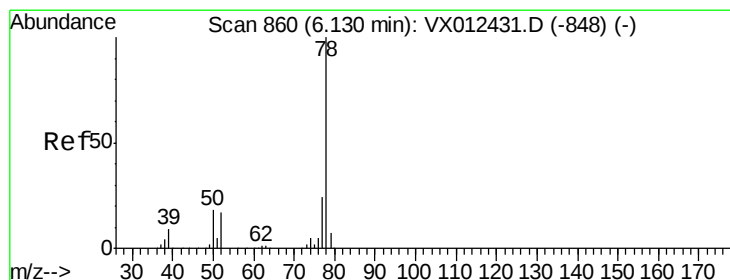
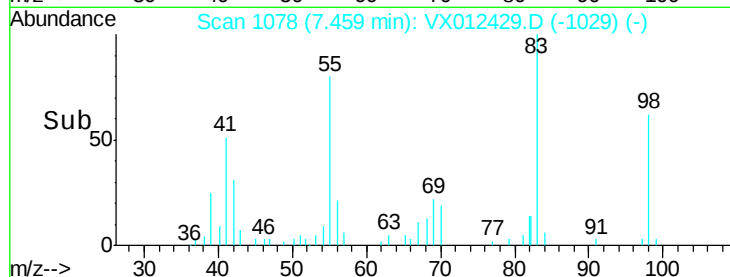
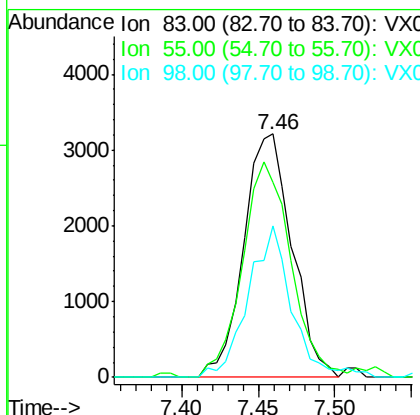
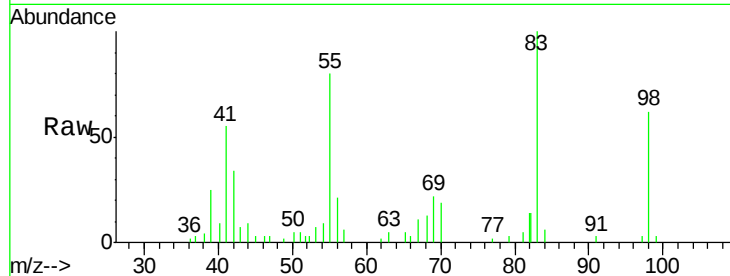
#39
Methvlcvclohexane
Concen: 3.006 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	64.4	96.6
98	62.2	40.1	60.1#

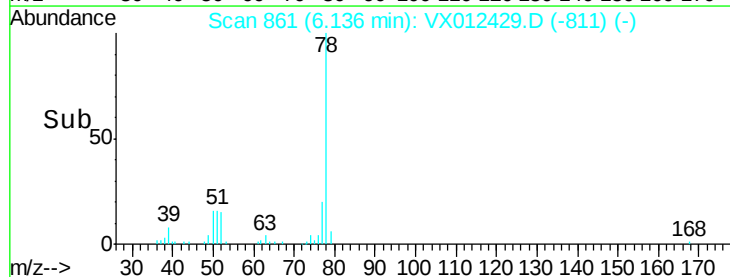
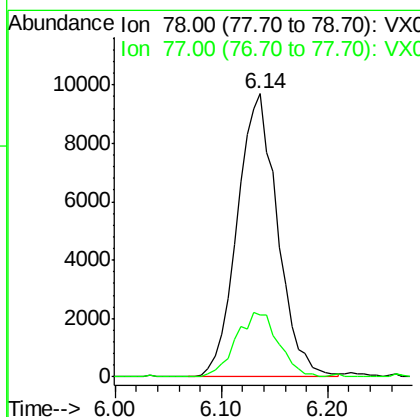
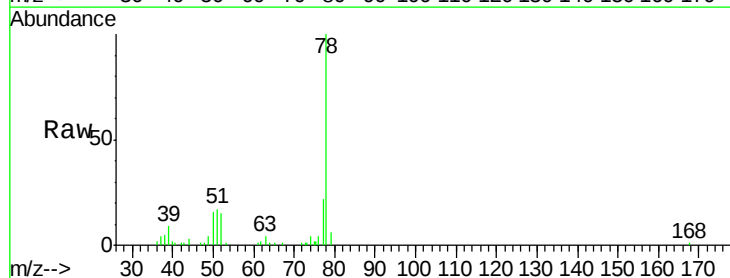
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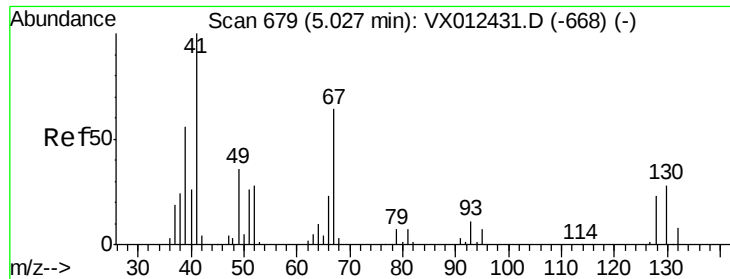
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#40
Benzene
Concen: 3.430 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.2	28.8





#41

Methacrylonitrile

Concen: 3.742 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

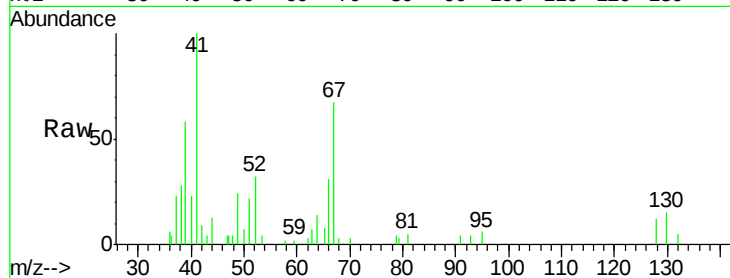
ClientSampleId :

VSTDIC005

Tot Ion:	41	Resp:	8036
Ion	Ratio	Lower	Upper
41	100		
39	63.0	46.0	69.0
67	68.7	52.2	78.2
52	33.0	22.7	34.1

Manual Integrations
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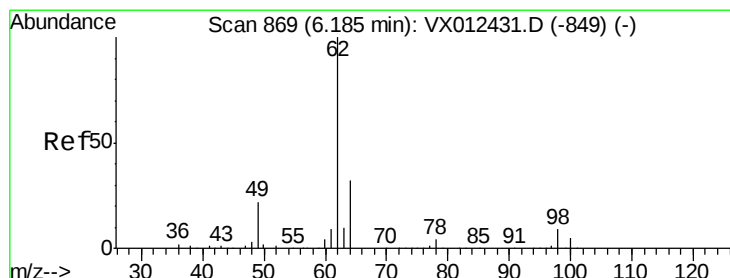
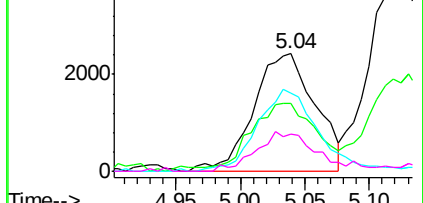
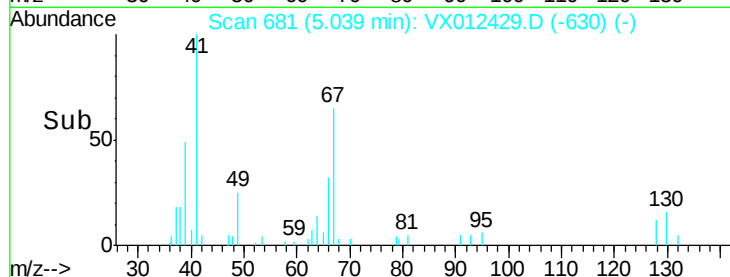
Abundance Ion 41.00 (40.70 to 41.70): VX012431.D (-668) (-)

Ion 39.00 (38.70 to 39.70): VX012431.D (-668) (-)

Ion 67.00 (66.70 to 67.70): VX012431.D (-668) (-)

Ion 52.00 (51.70 to 52.70): VX012431.D (-668) (-)

Time-->



#42

1,2-Dichloroethane

Concen: 3.556 ug/l

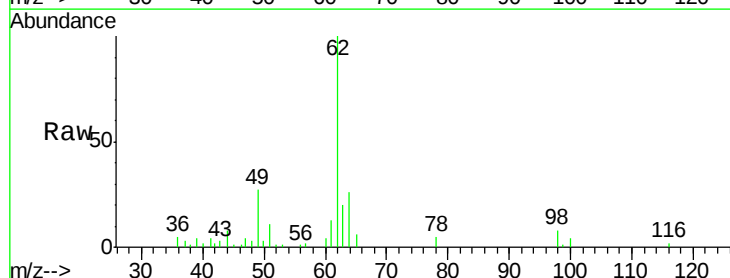
RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

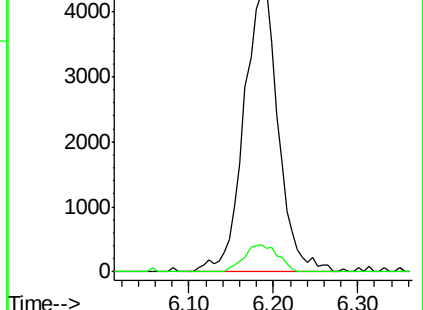
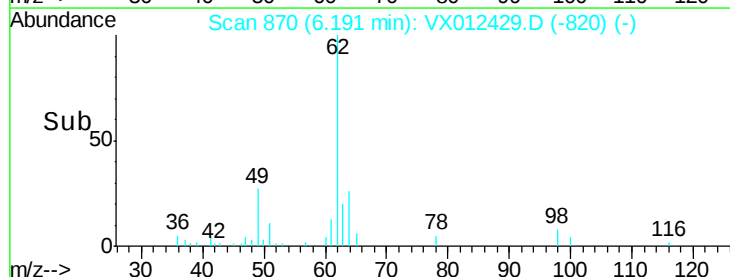
Tgt Ion:	62	Resp:	12179
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX012431.D (-849) (-)

Ion 97.90 (97.60 to 98.60): VX012431.D (-849) (-)

Time-->





#43

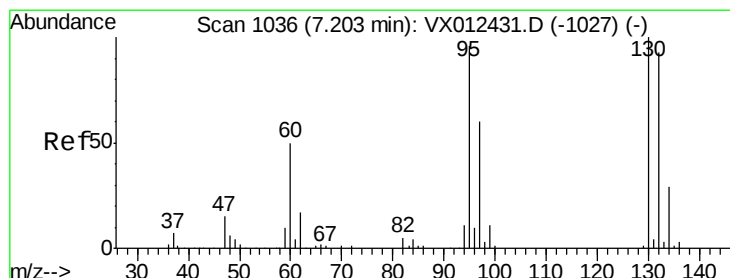
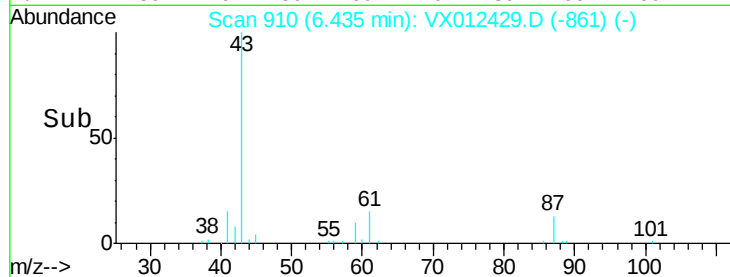
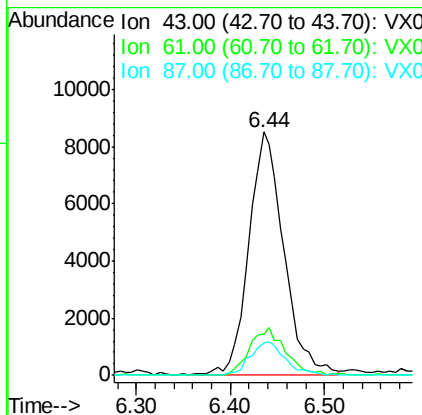
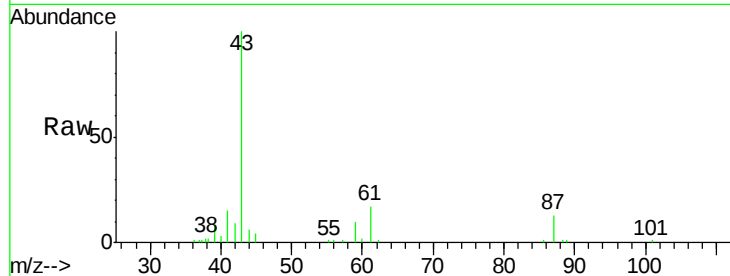
Isopropyl Acetate
 Concen: 3.426 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.9	9.8	14.8

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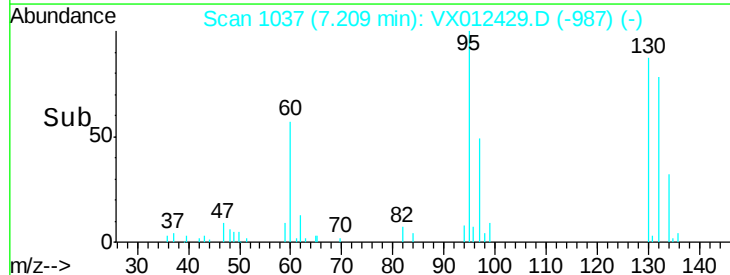
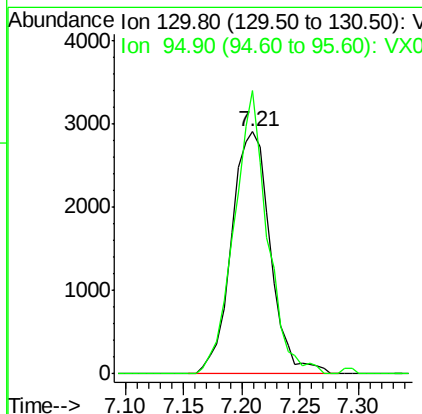
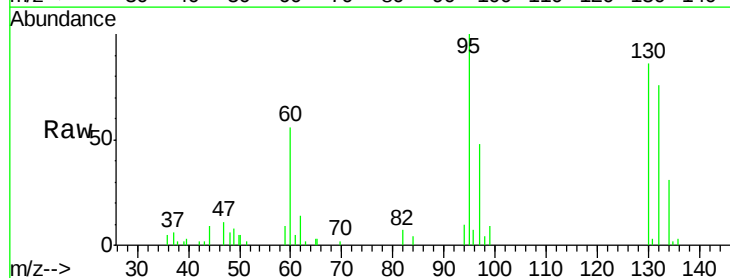
MMDadoda
 9/18/2019 11:22:05 AM

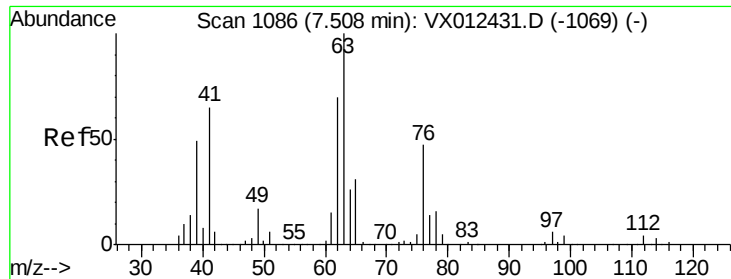


#44

Trichloroethene
 Concen: 3.370 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	116.9	0.0	193.0





#45

1,2-Dichloropropane

Concen: 3.426 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 63 Resp: 7903

Ion Ratio Lower Upper

63 100

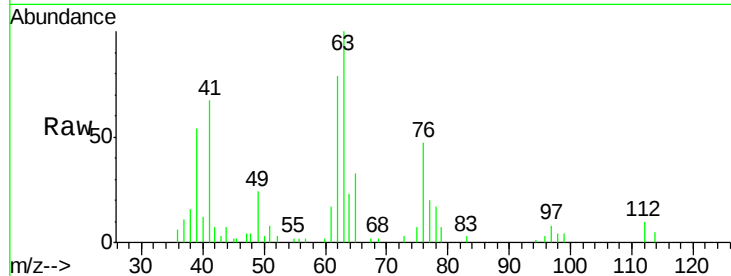
65 32.7 25.0 37.6

Manual Integrations

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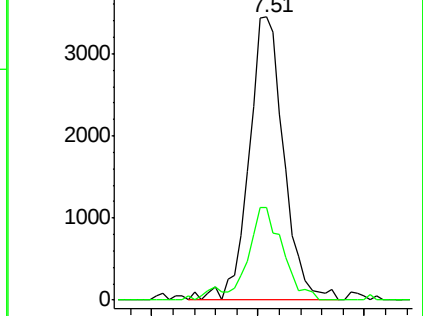
MMDadoda

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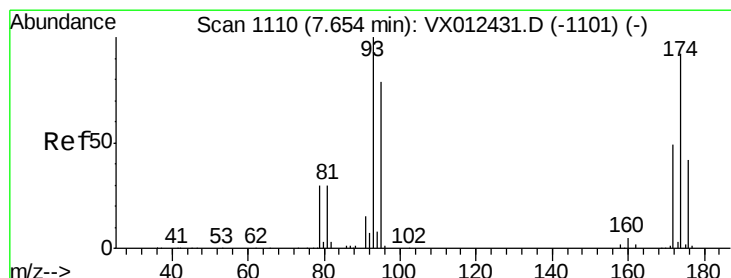
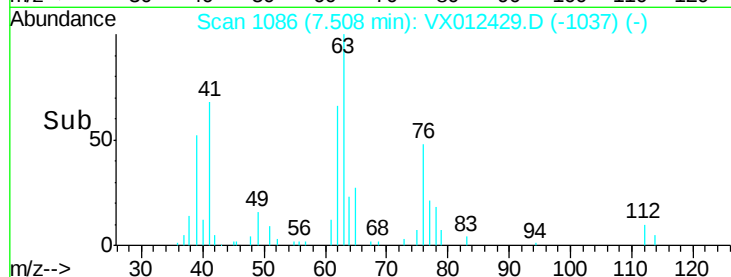


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#46

Dibromomethane

Concen: 3.411 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

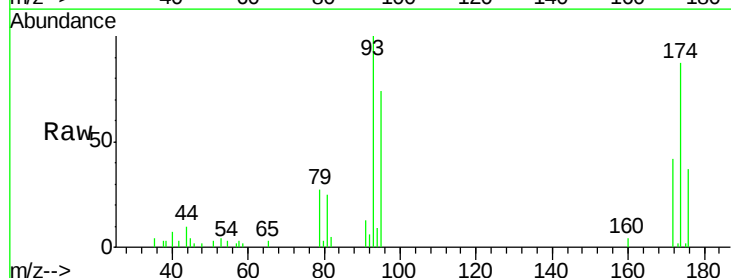
Tgt Ion: 93 Resp: 5225

Ion Ratio Lower Upper

93 100

95 85.3 66.6 100.0

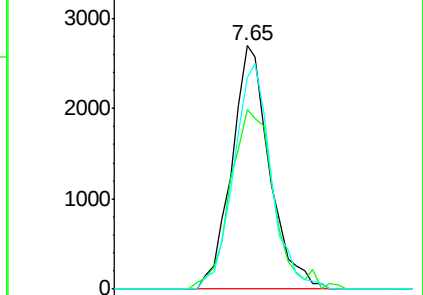
174 91.8 77.4 116.0



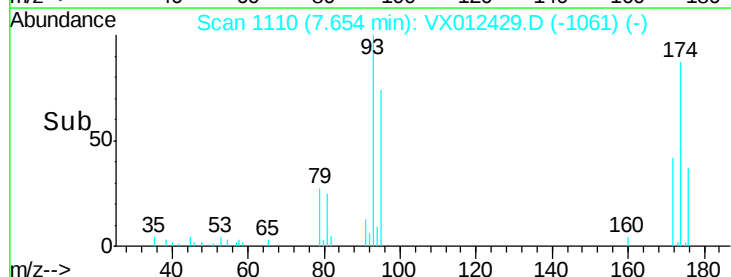
Abundance Ion 92.80 (92.50 to 93.50): VX0

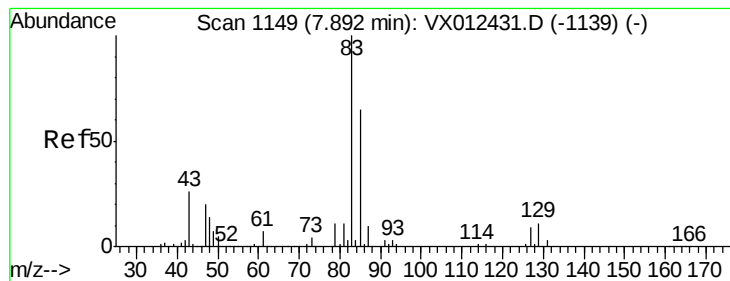
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 3.383 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

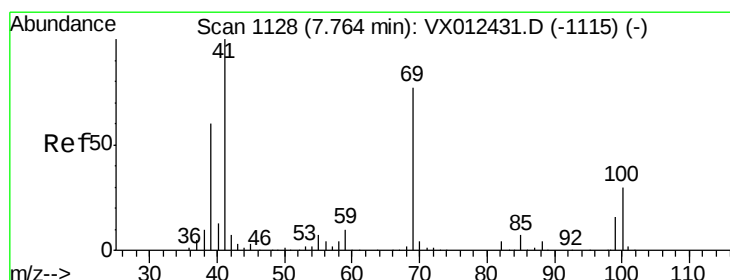
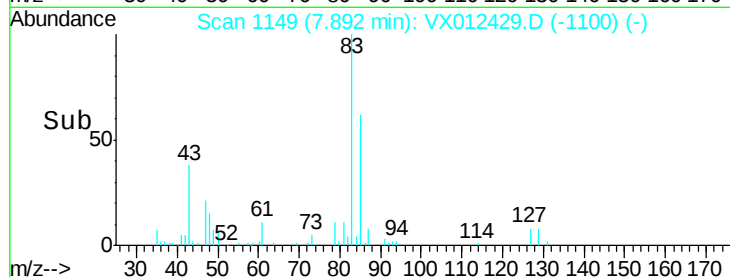
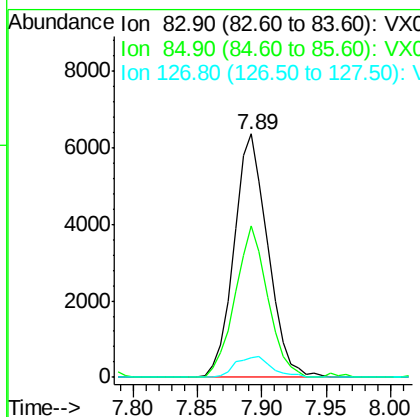
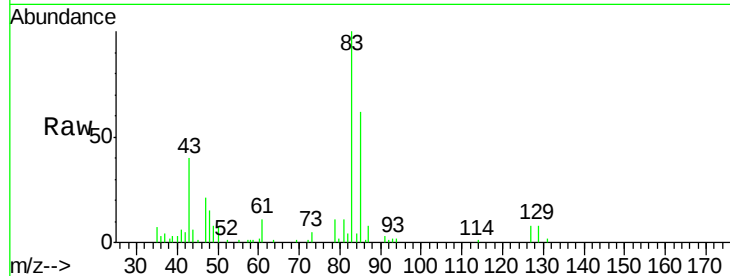
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	11540
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.6
127	8.2	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 3.409 ug/l

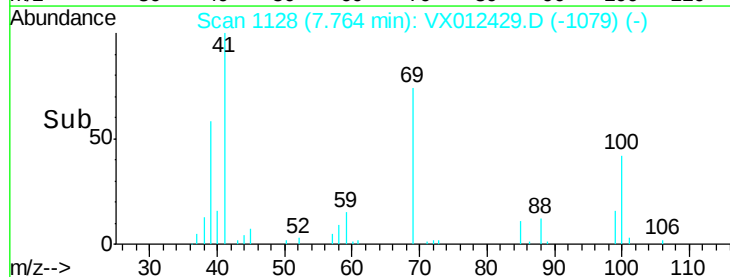
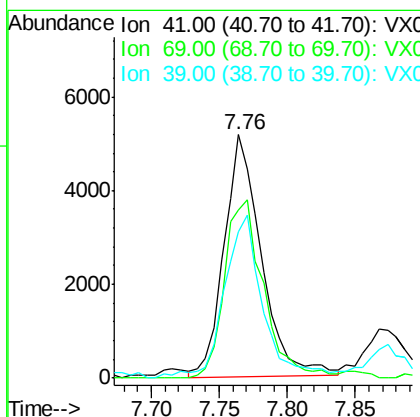
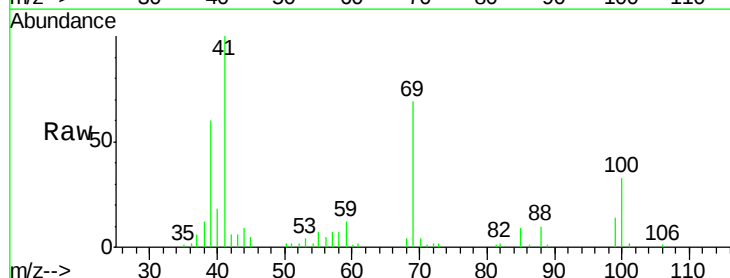
RT: 7.76 min Scan# 1128

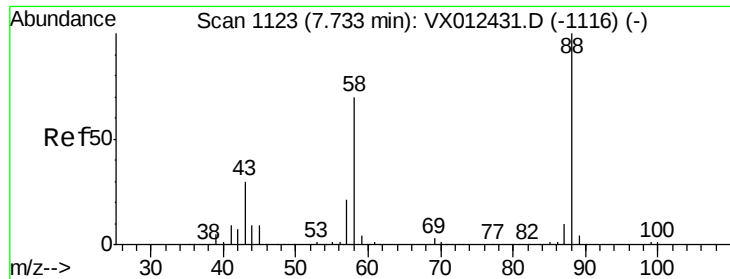
Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion:	41	Resp:	9812
Ion	Ratio	Lower	Upper
41	100		
69	77.7	59.9	89.9
39	69.7	47.8	71.6





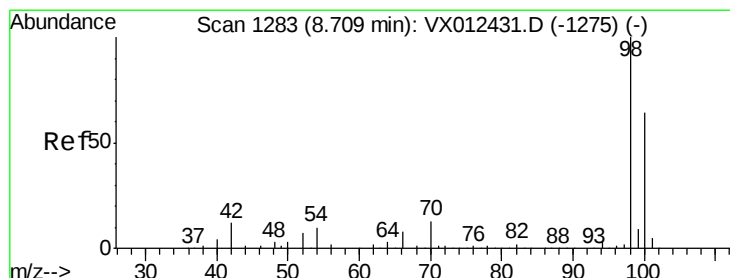
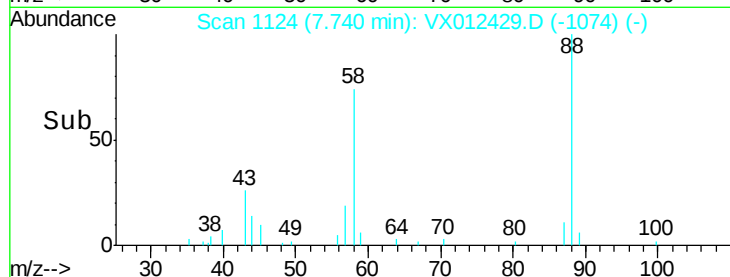
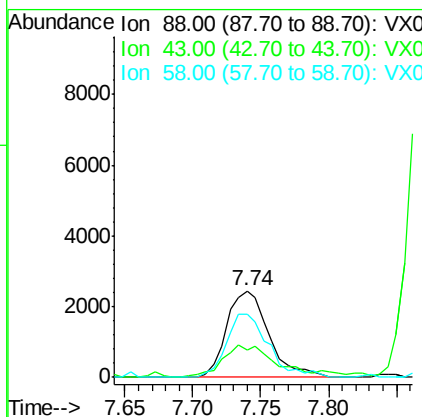
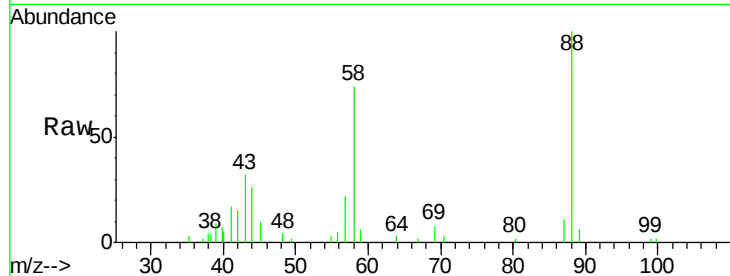
#49
1,4-Dioxane
Concen: 71.242 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	46.8	29.4	44.0#
58	74.2	57.5	86.3

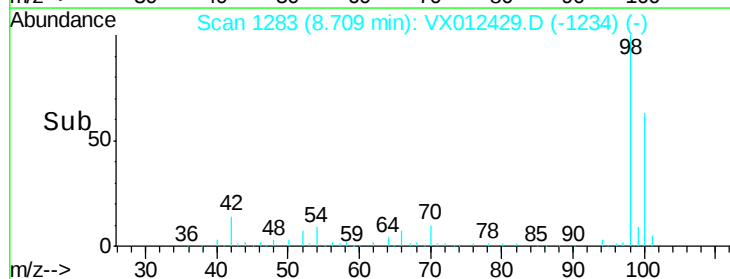
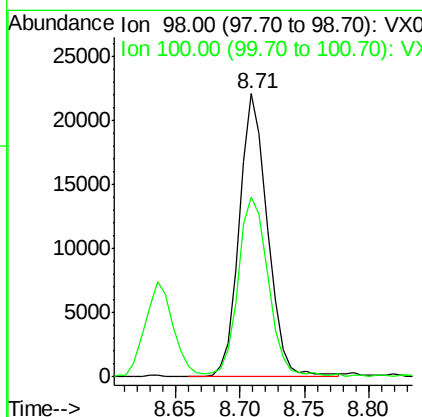
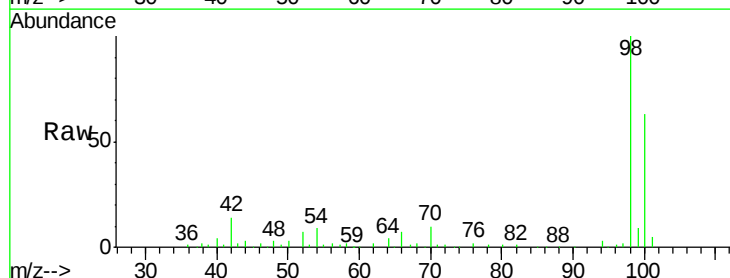
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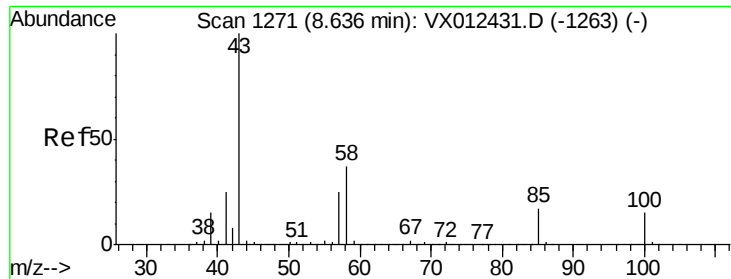
MMDadoda
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#50
Toluene-d8
Concen: 3.806 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 18.124 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC005

Tot Ion: 43 Resp: 76014

Ion Ratio Lower Upper

43 100

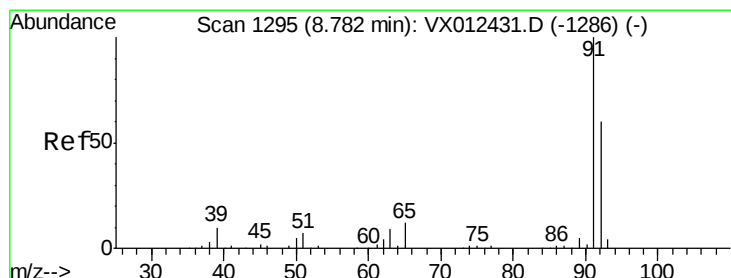
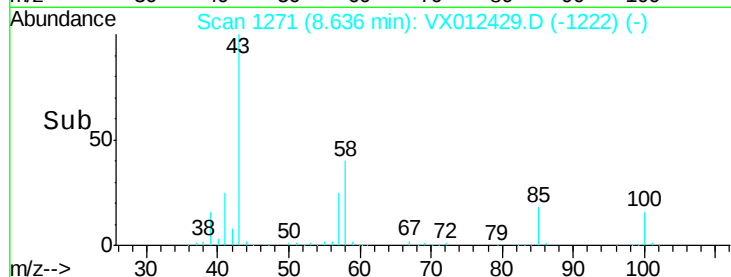
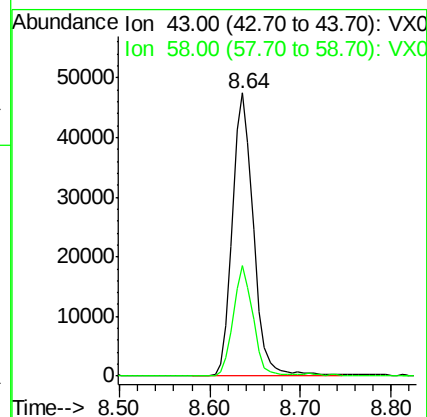
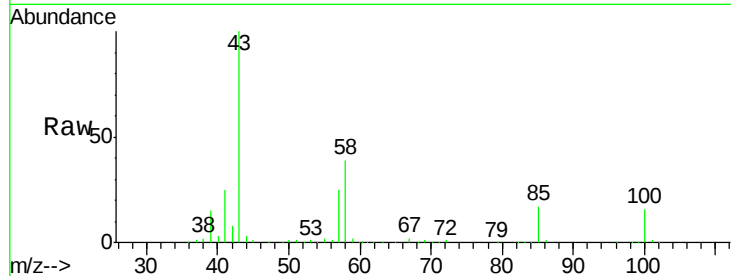
58 36.8 29.8 44.6

Manual Integrations

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MMDadoda

9/18/2019 11:22:05 AM



#52

Toluene

Concen: 3.292 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012429.D

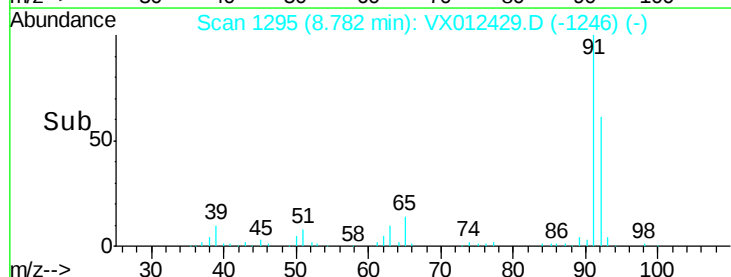
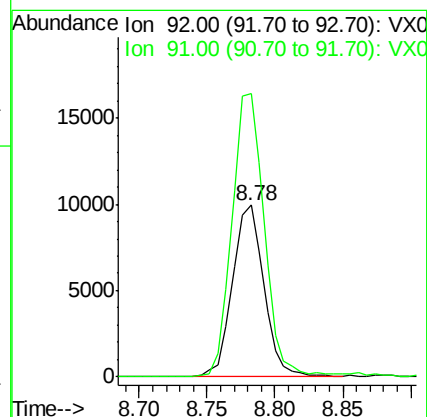
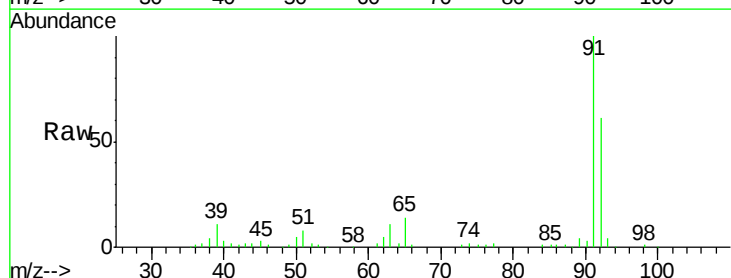
Acq: 17 Sep 2019 12:23

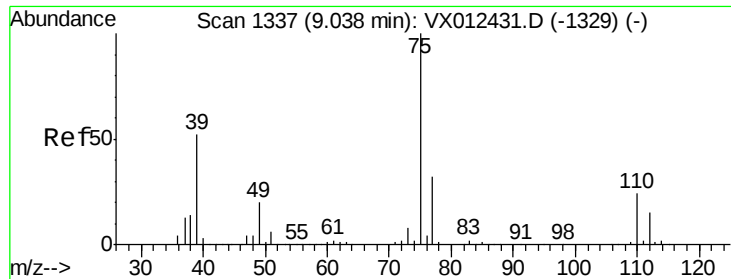
Tgt Ion: 92 Resp: 16046

Ion Ratio Lower Upper

92 100

91 169.5 135.4 203.0





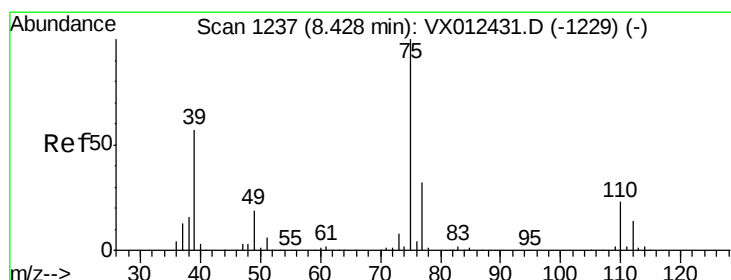
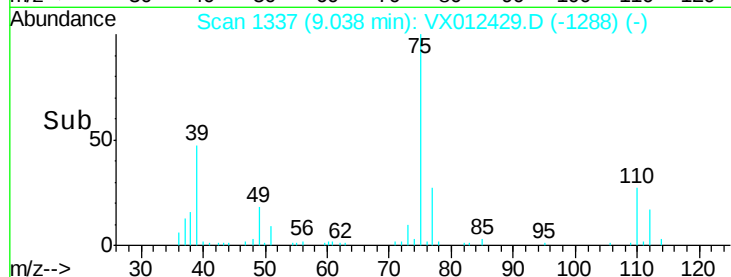
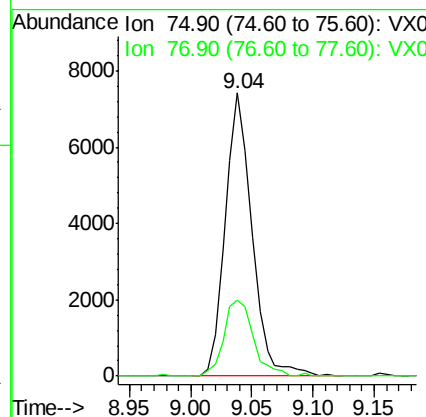
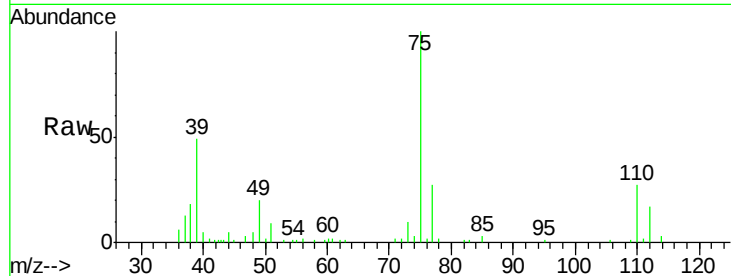
#53
t-1,3-Dichloropropene
Concen: 3.183 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 11266
Ion Ratio Lower Upper
75 100
77 26.9 25.2 37.8

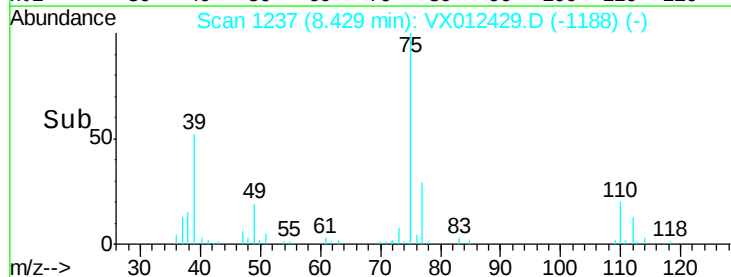
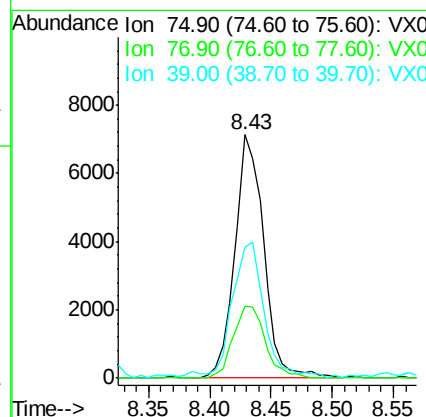
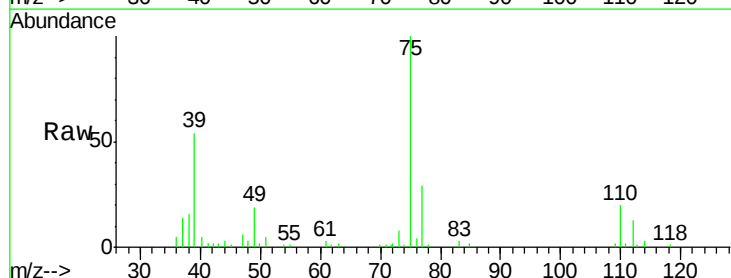
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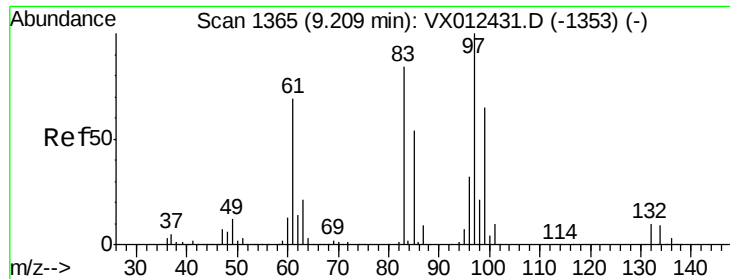
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#54
cis-1,3-Dichloropropene
Concen: 3.183 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 75 Resp: 11661
Ion Ratio Lower Upper
75 100
77 29.4 25.8 38.8
39 53.6 45.5 68.3





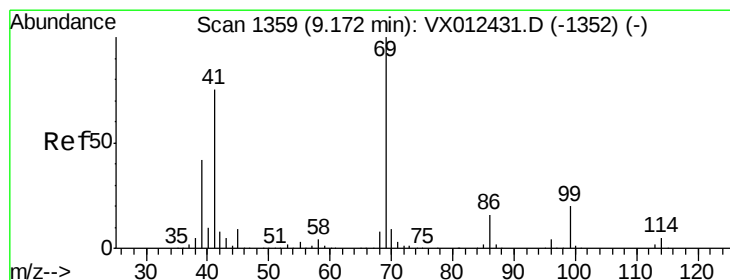
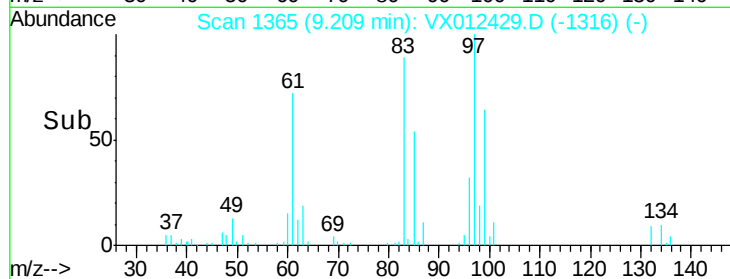
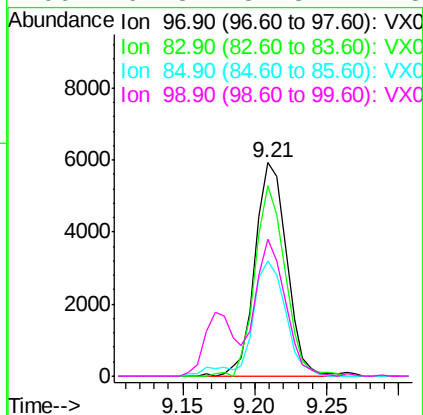
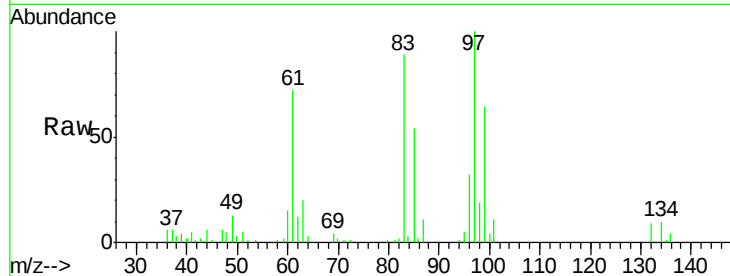
#55
 1,1,2-Trichloroethane
 Concen: 3.486 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	8994
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.4	101.2
85	53.9	43.5	65.3
99	64.3	51.8	77.8

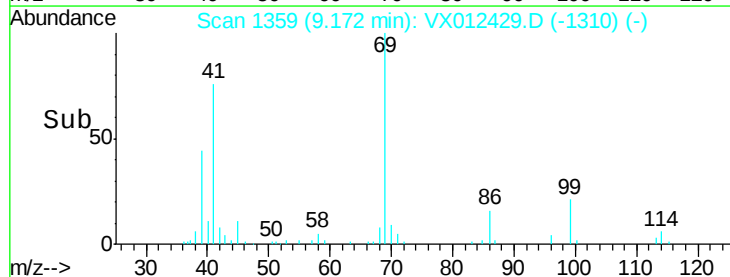
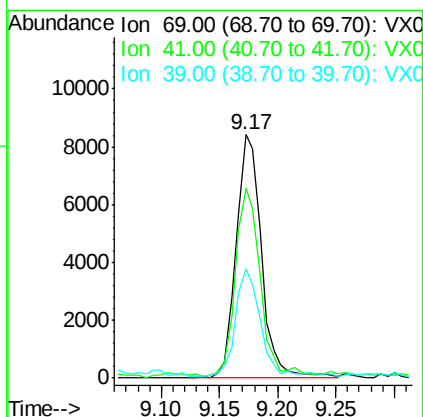
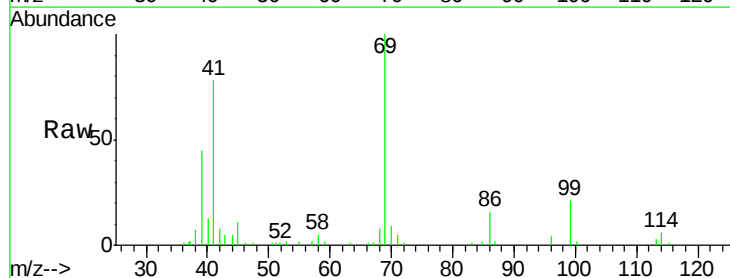
Manual Integrations
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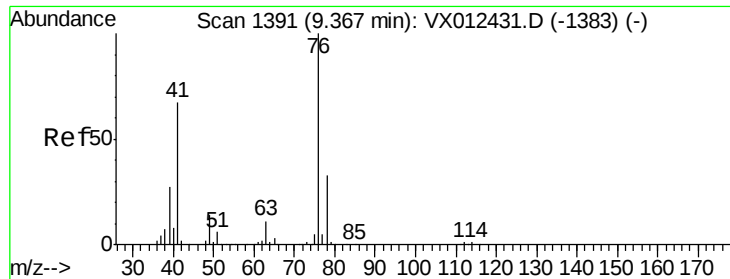
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#56
 Ethyl methacrylate
 Concen: 3.326 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion:	69	Resp:	12893
Ion	Ratio	Lower	Upper
69	100		
41	76.1	58.4	87.6
39	42.2	33.4	50.0





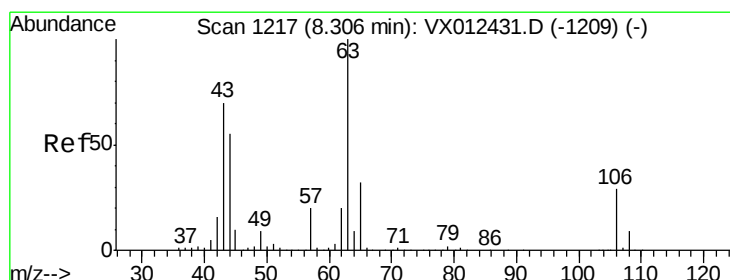
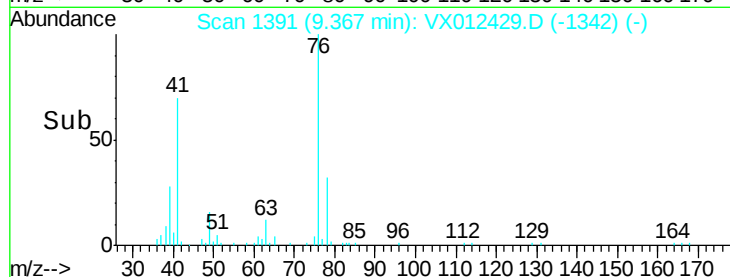
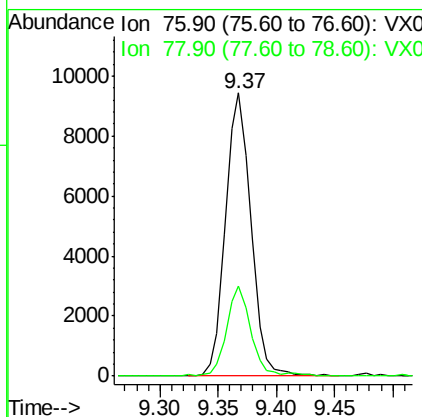
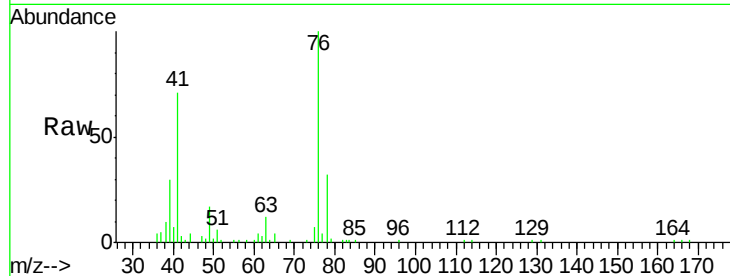
#57
 1,3-Dichloropropane
 Concen: 3.510 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Tot Ion: 76 Resp: 14334
 Ion Ratio Lower Upper
 76 100
 78 30.1 26.2 39.2

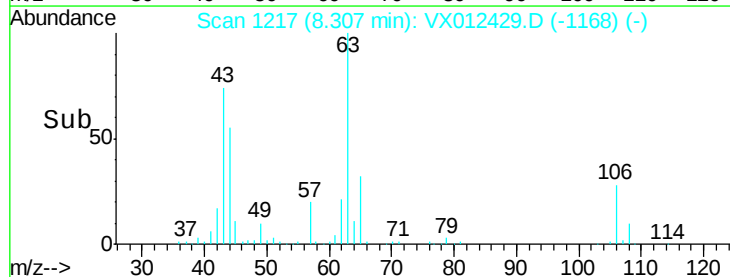
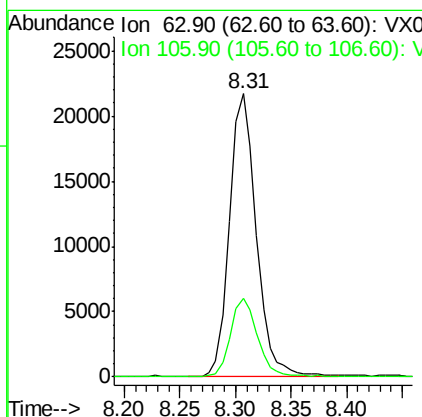
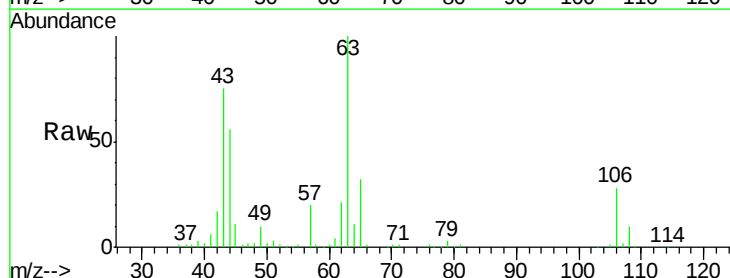
Manual Integrations
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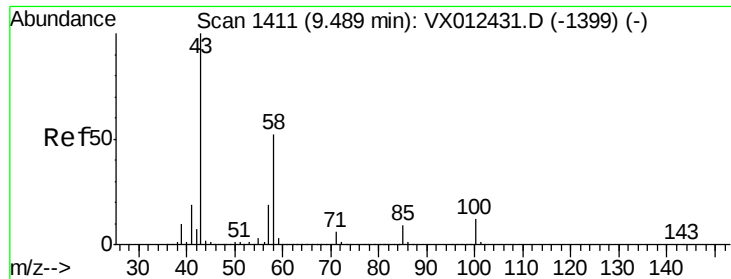
MMDadoda
 9/18/2019 11:22:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.569 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion: 63 Resp: 36305
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.8 35.6





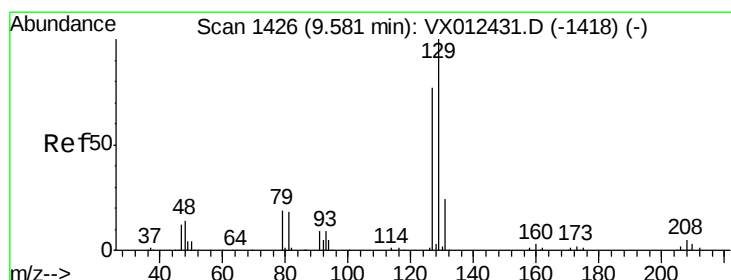
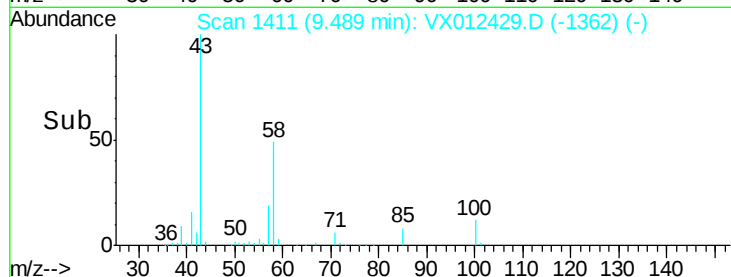
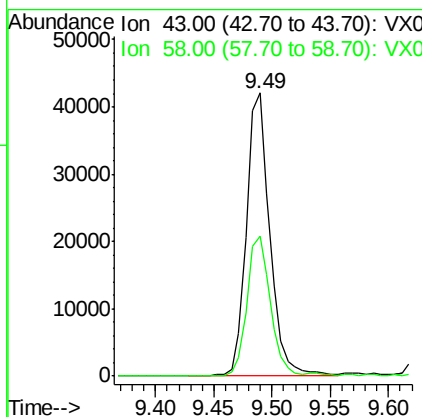
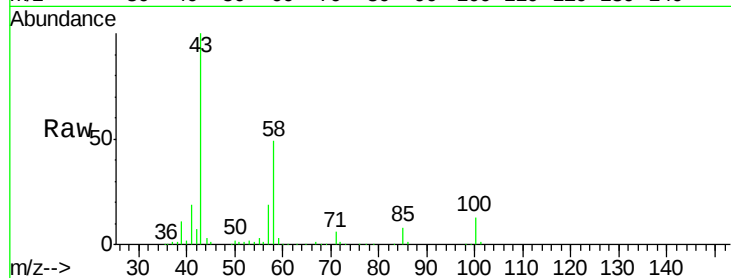
#59
2-Hexanone
Concen: 18.222 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 59080
Ion Ratio Lower Upper
43 100
58 50.3 25.7 77.1

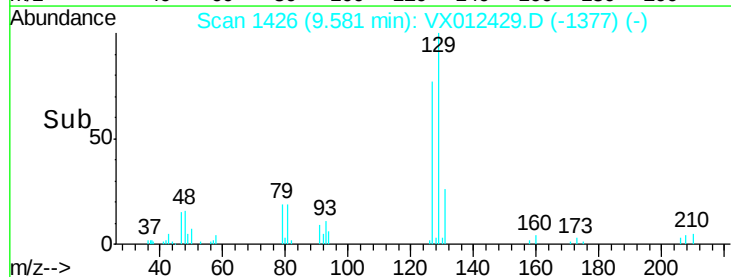
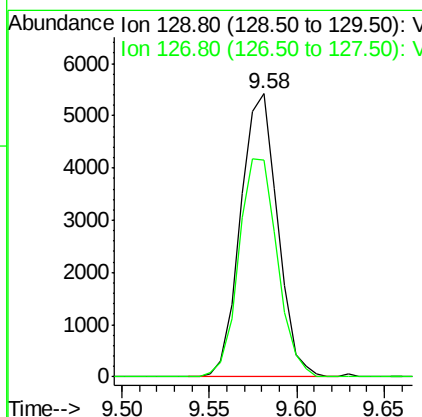
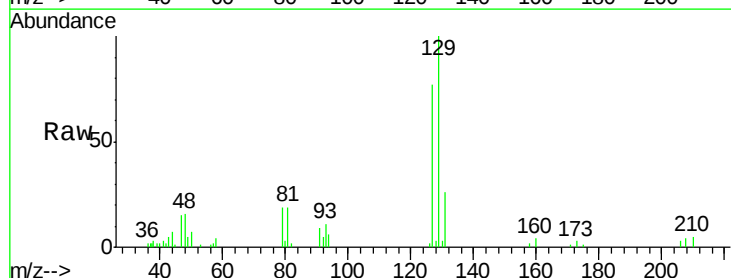
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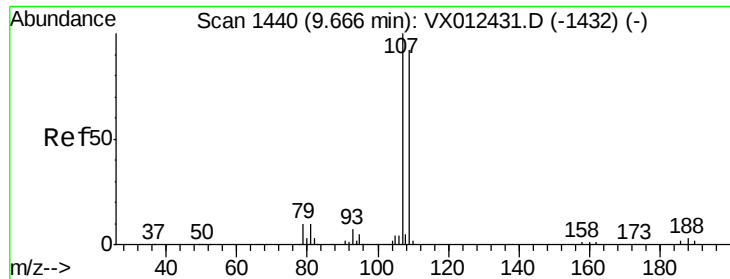
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#60
Dibromochloromethane
Concen: 3.029 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 129 Resp: 7981
Ion Ratio Lower Upper
129 100
127 80.2 38.9 116.6





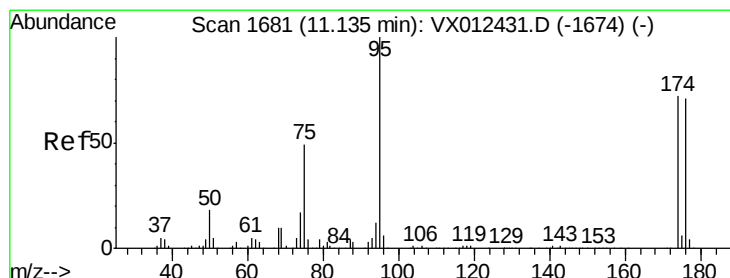
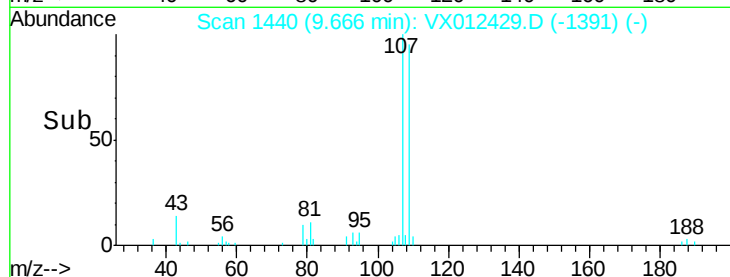
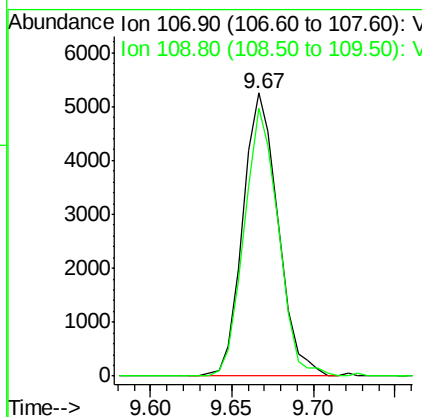
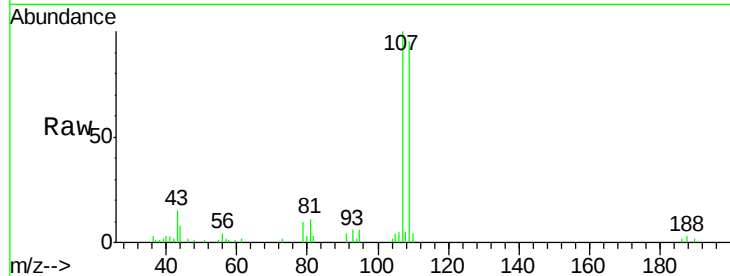
#61
 1,2-Dibromoethane
 Concen: 3.343 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.6	74.7	112.1

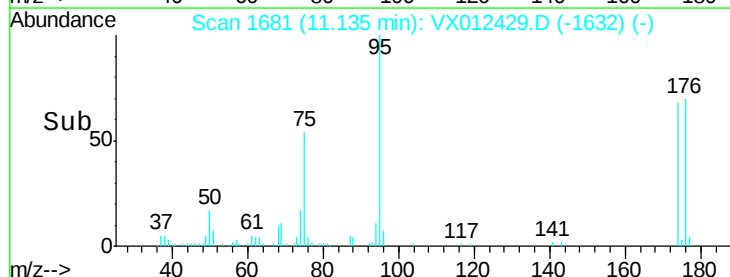
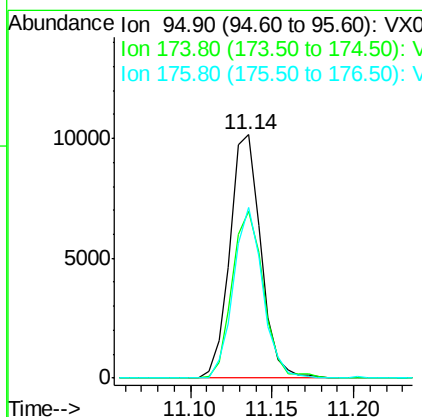
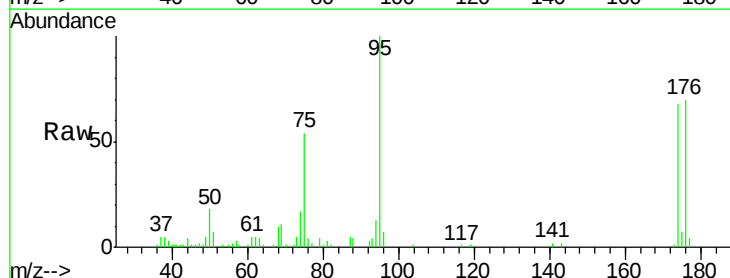
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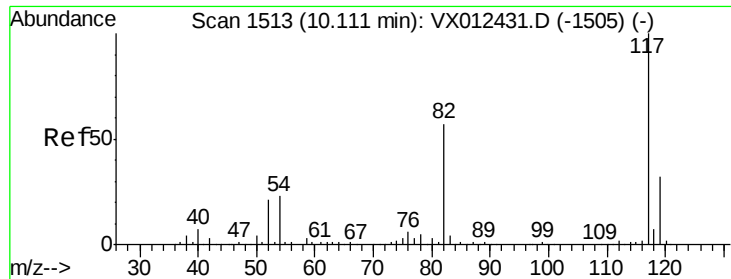
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#62
 4-Bromofluorobenzene
 Concen: 3.585 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	140.0
176	66.4	0.0	135.4





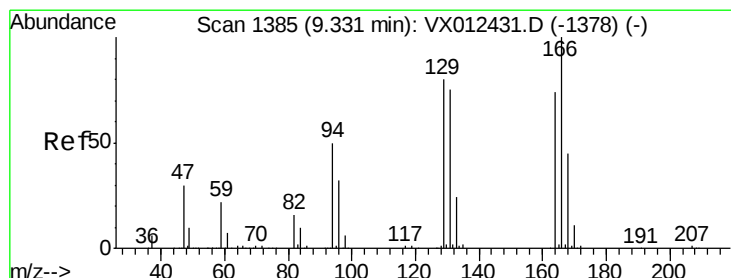
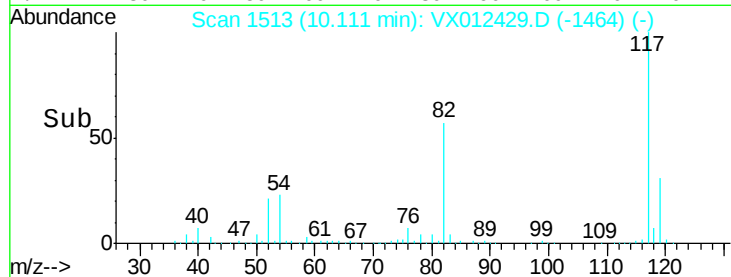
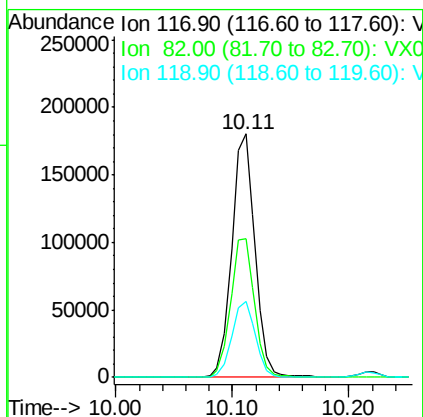
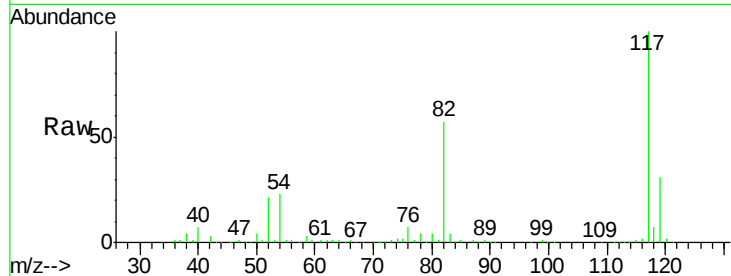
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.9	68.9
119	31.3	25.3	37.9

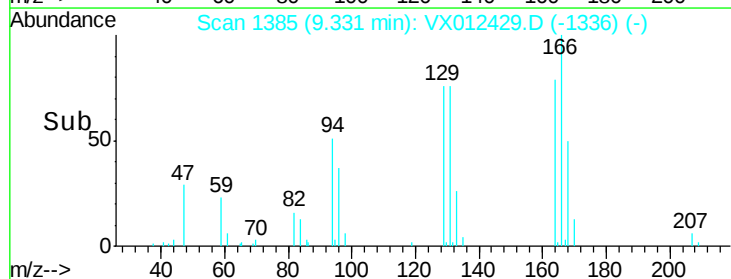
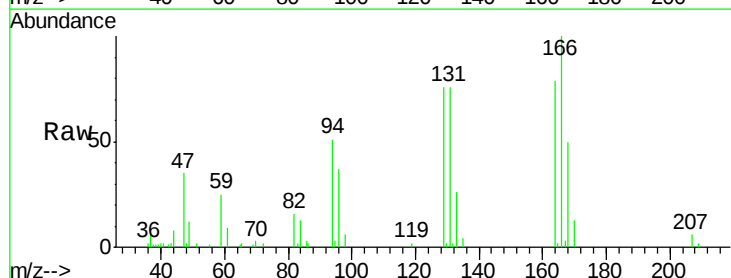
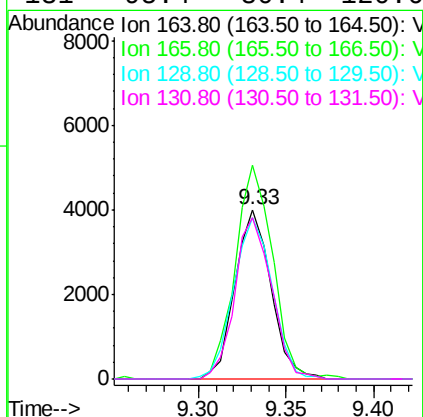
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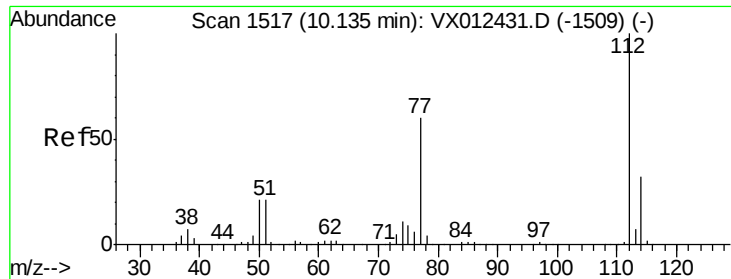
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#64
Tetrachloroethene
Concen: 3.681 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	107.8	161.6
129	95.1	86.2	129.2
131	95.4	80.4	120.6





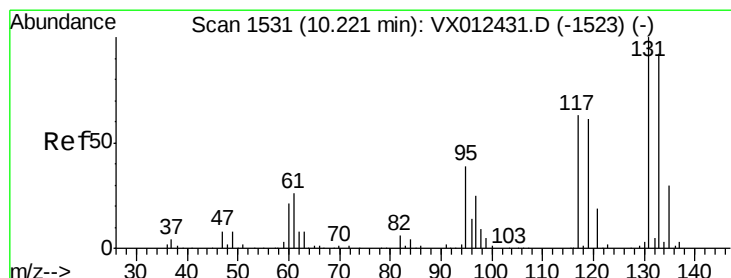
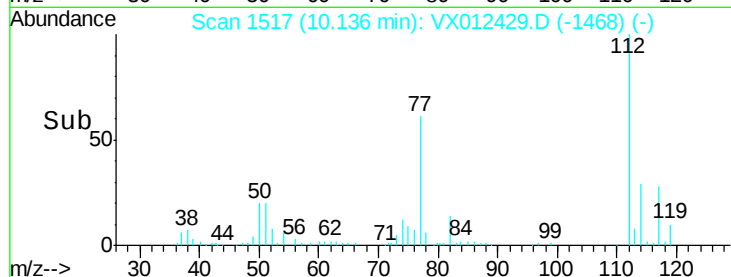
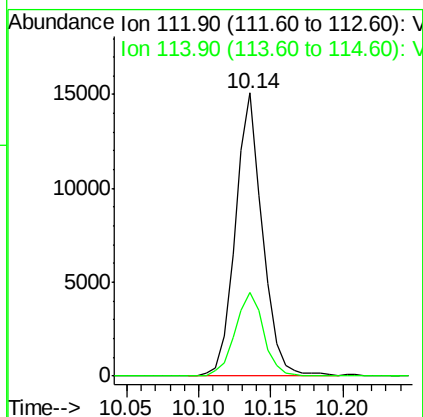
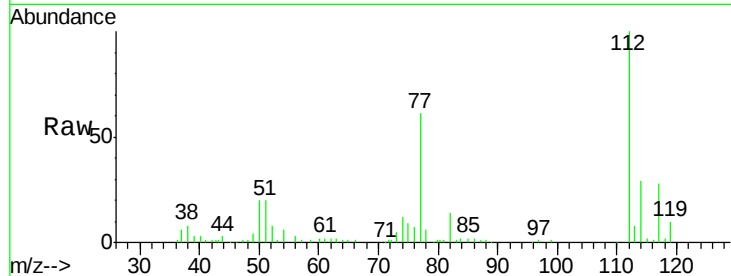
#65
Chlorobenzene
Concen: 3.591 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 19760
Ion Ratio Lower Upper
112 100
114 29.4 25.4 38.0

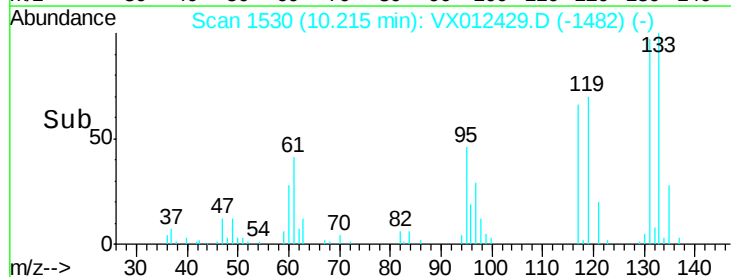
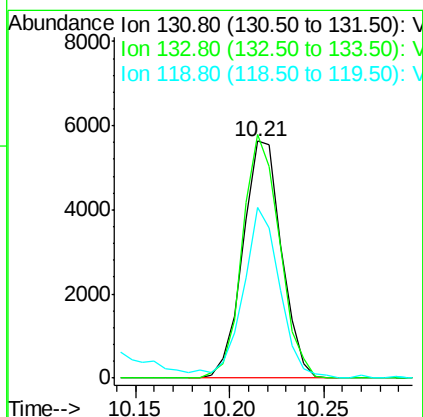
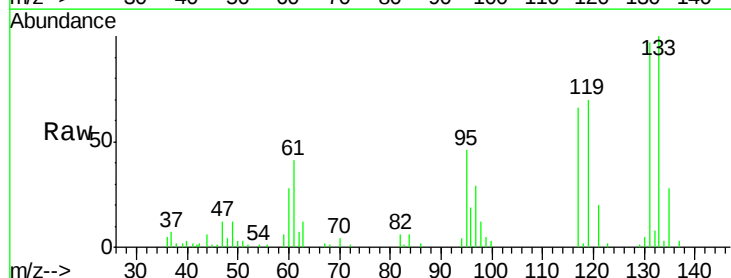
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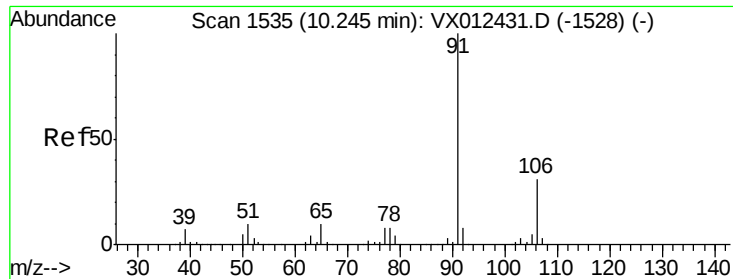
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#66
1,1,1,2-Tetrachloroethane
Concen: 3.429 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:131 Resp: 7997
Ion Ratio Lower Upper
131 100
133 98.5 47.6 142.9
119 68.7 31.3 93.8





#67

Ethyl Benzene

Concen: 3.525 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 33199

Ion Ratio Lower Upper

91 100

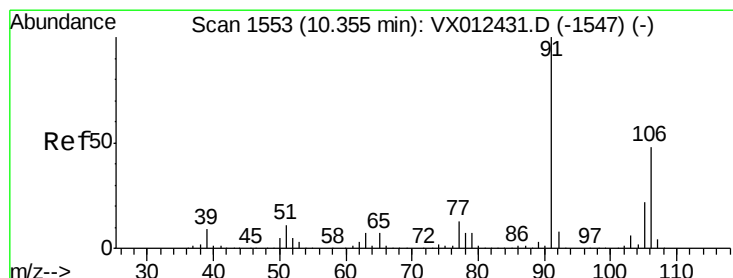
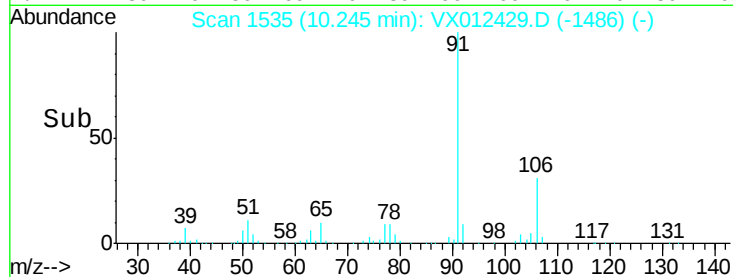
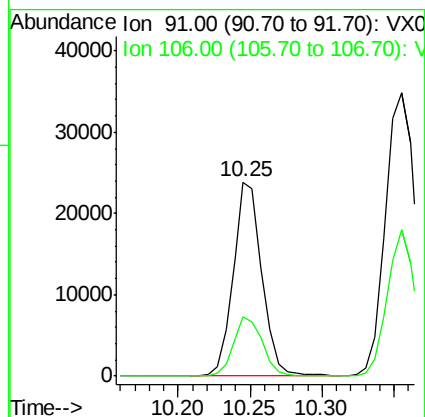
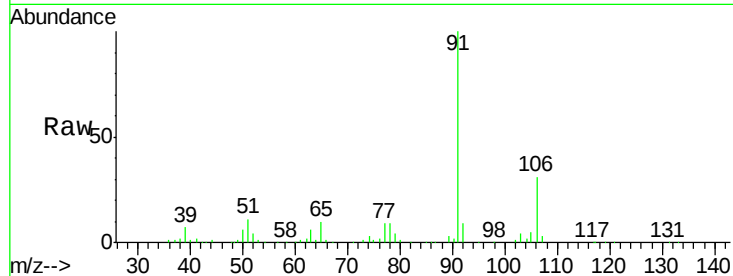
106 30.8 24.6 37.0

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#68

m/p-Xylenes

Concen: 7.090 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012429.D

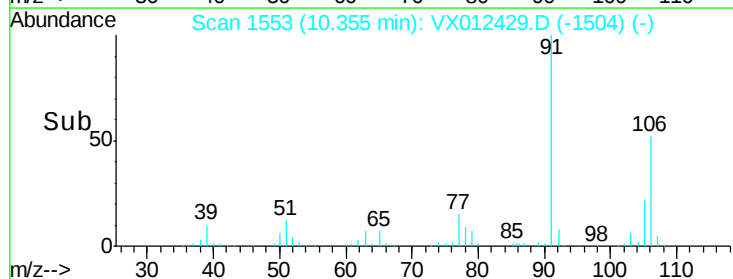
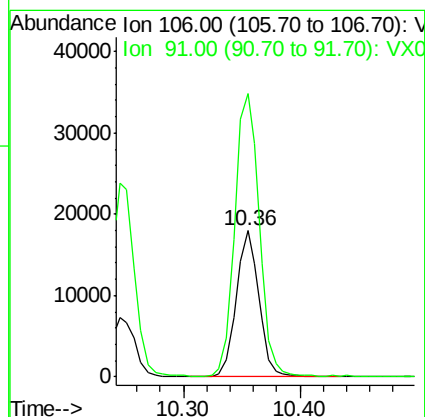
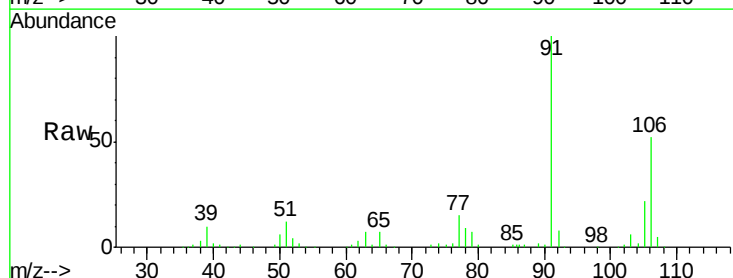
Acq: 17 Sep 2019 12:23

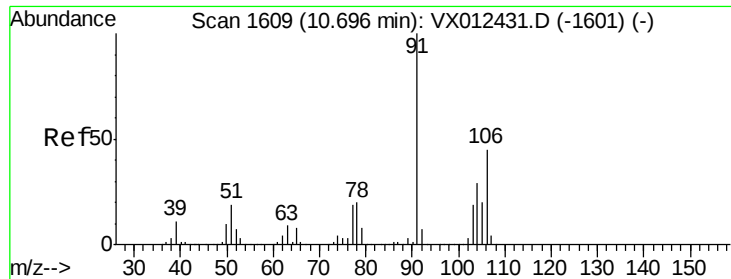
Tgt Ion: 106 Resp: 24597

Ion Ratio Lower Upper

106 100

91 208.1 166.6 250.0





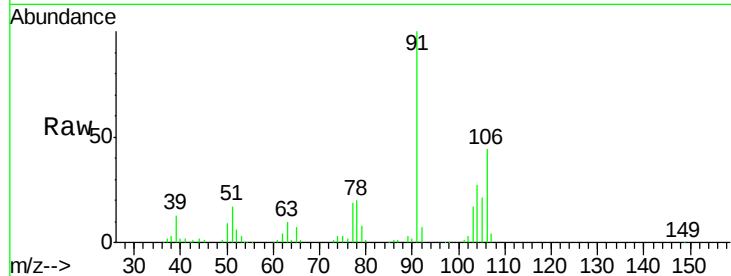
#69
o-Xylene
Concen: 3.599 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

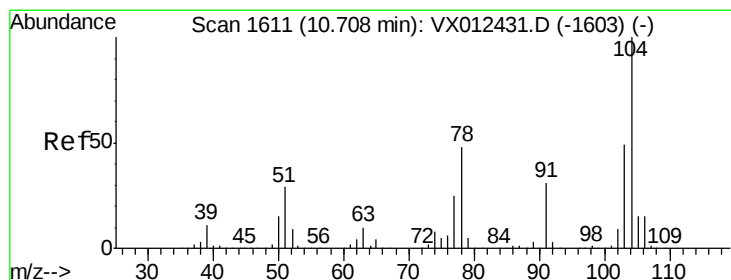
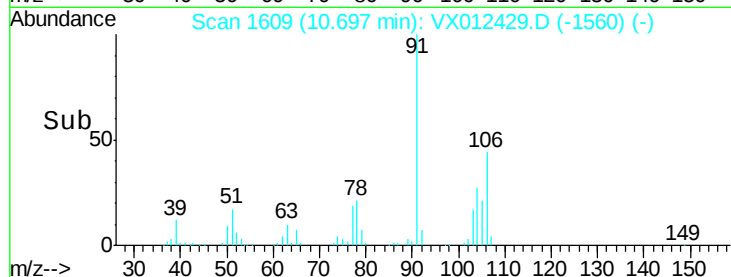
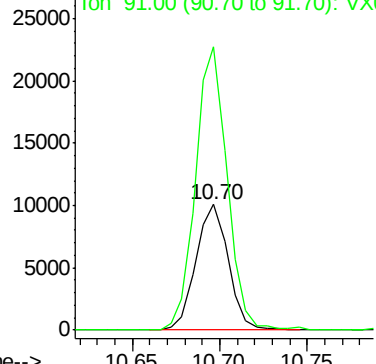
Tot Ion:106 Resp: 12957
Ion Ratio Lower Upper
106 100
91 221.2 109.4 328.2

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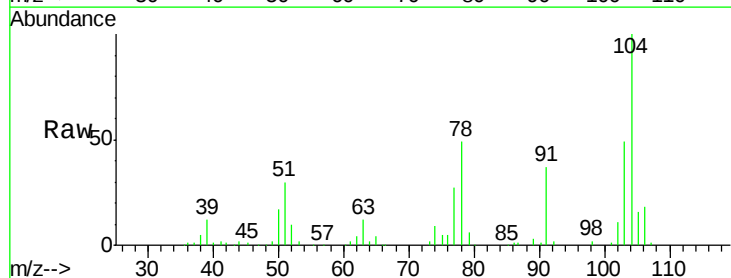


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

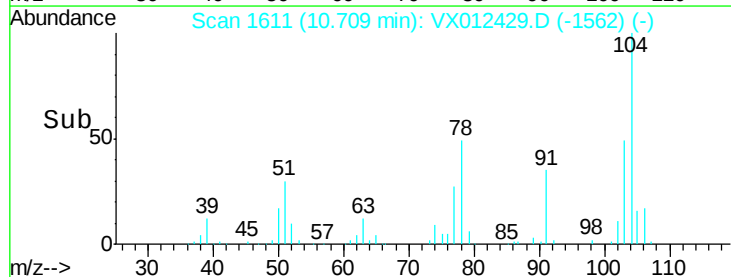
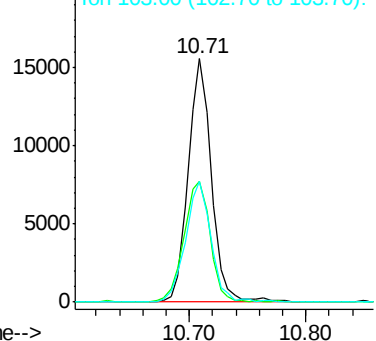


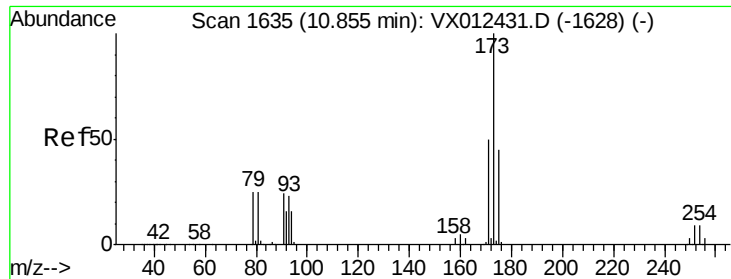
#70
Styrene
Concen: 3.446 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion:104 Resp: 21498
Ion Ratio Lower Upper
104 100
78 55.8 43.4 65.2
103 54.6 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





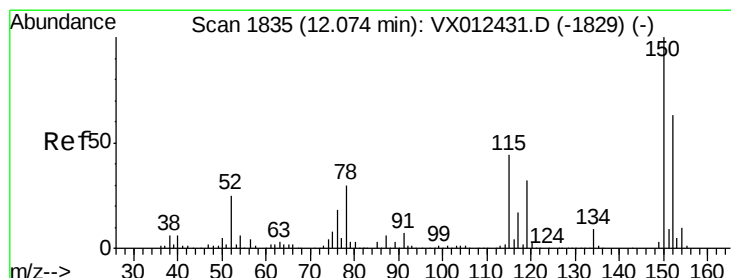
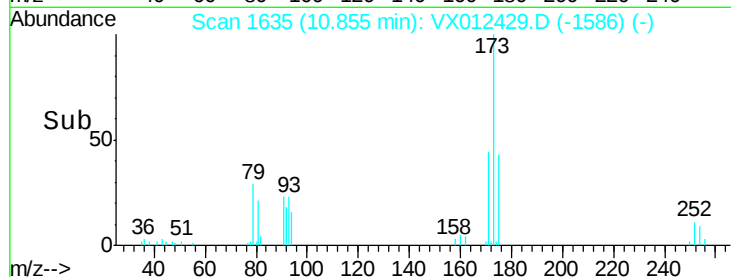
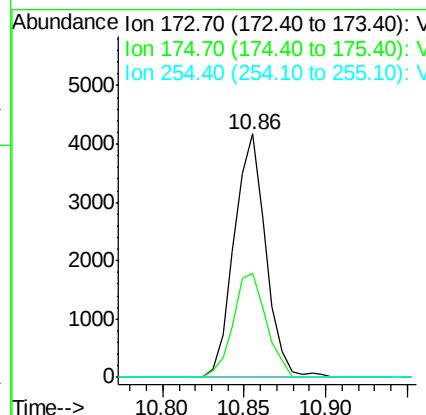
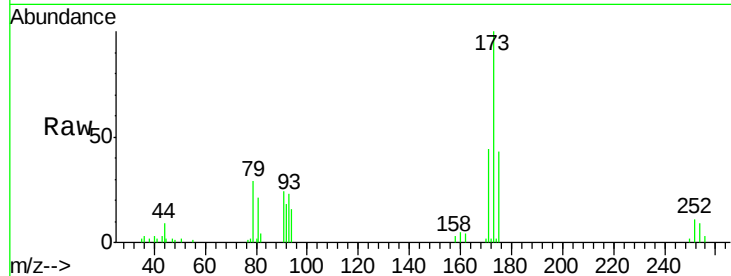
#71
Bromoform
Concen: 3.148 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	44.6	23.7	71.1
254	0.0	0.1	0.1

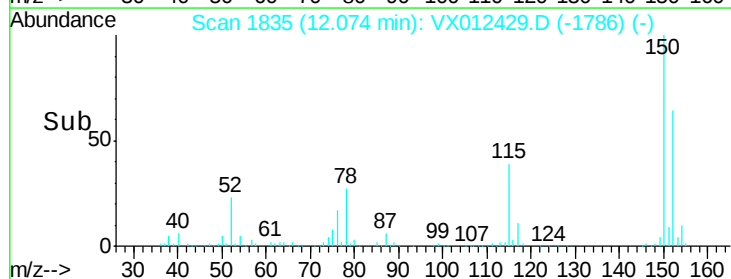
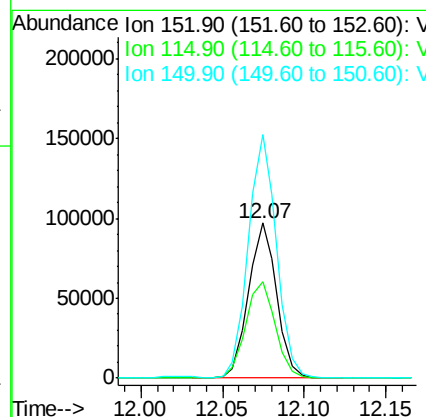
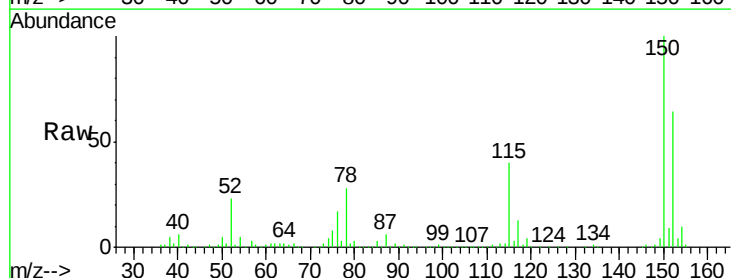
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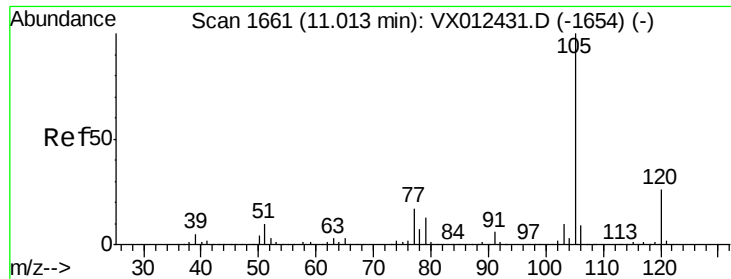
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.8	44.1	132.3
150	157.7	0.0	343.8





#73

Isopropylbenzene

Concen: 4.688 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 37073

Ion Ratio Lower Upper

105 100

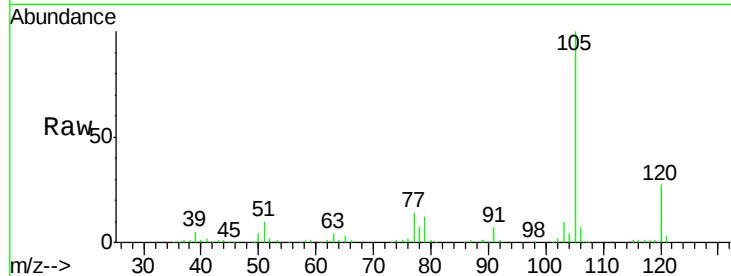
120 27.1 12.9 38.7

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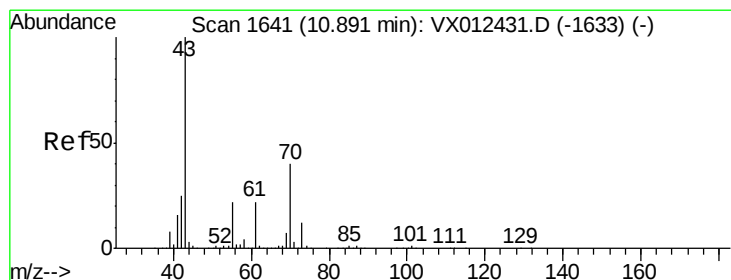
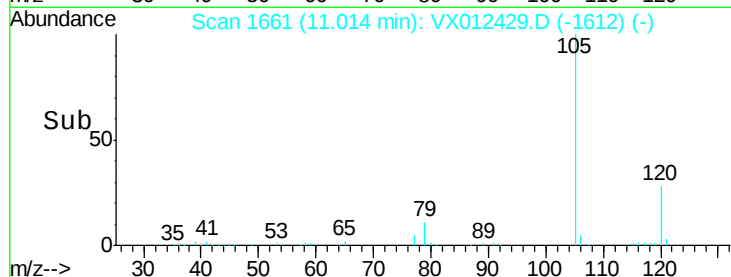
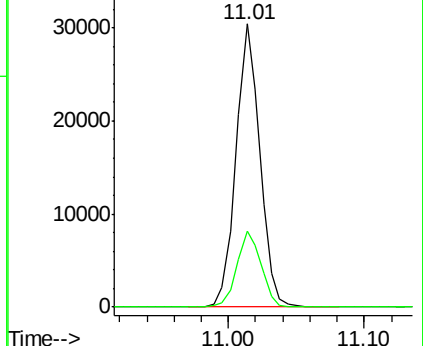
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.566 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion: 43 Resp: 19238

Ion Ratio Lower Upper

43 100

70 40.6 32.4 48.6

55 23.4 18.2 27.4

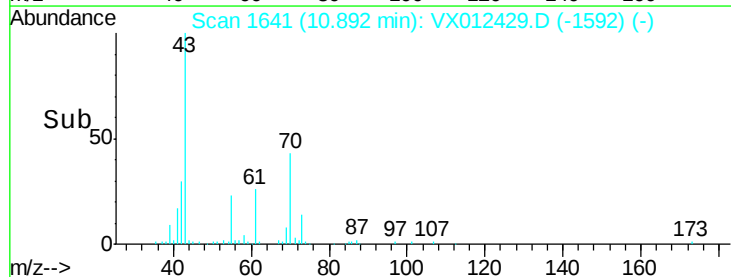
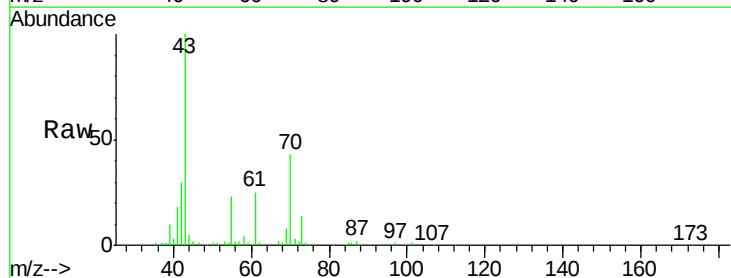
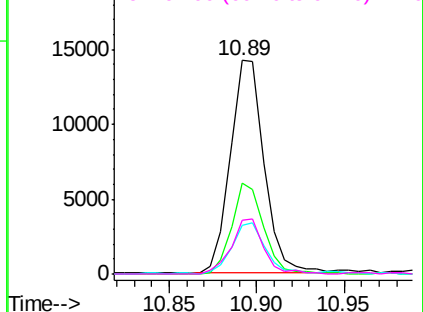
61 24.5 18.5 27.7

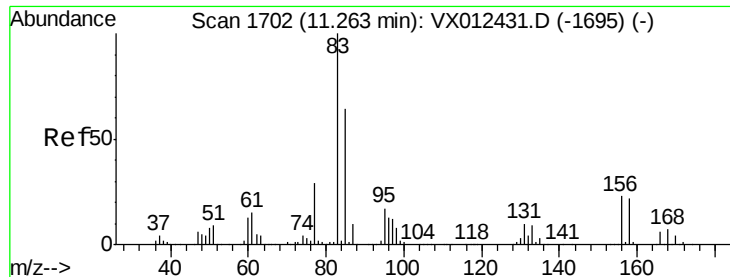
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.680 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

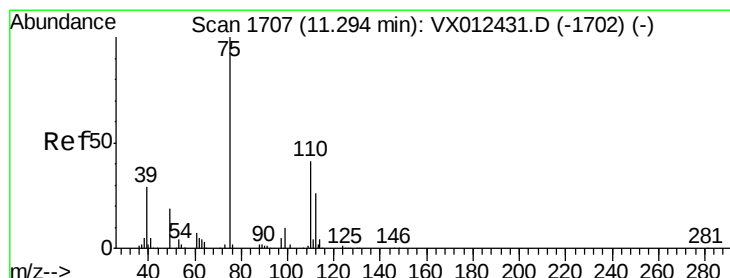
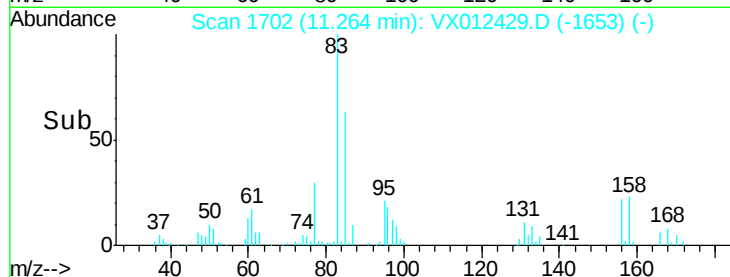
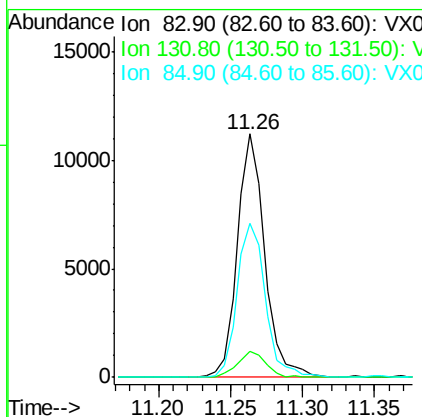
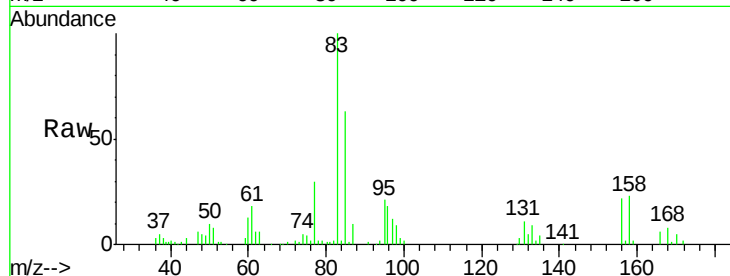
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	14829
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.2	15.6
85	65.6	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.592 ug/l m

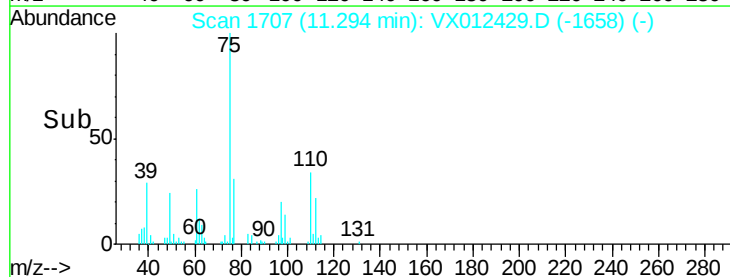
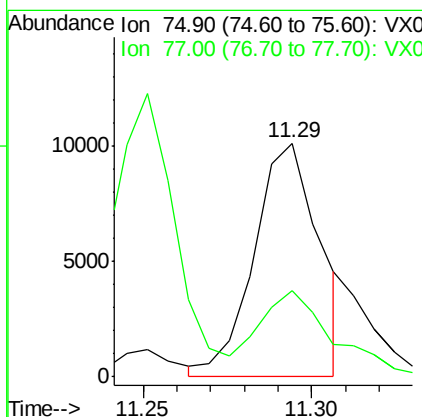
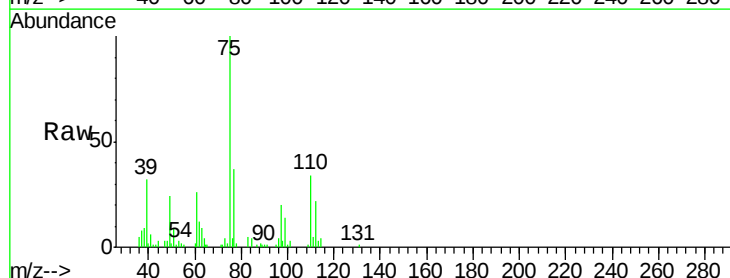
RT: 11.29 min Scan# 1707

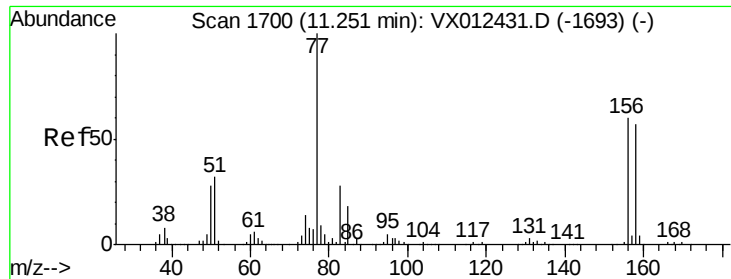
Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion:	75	Resp:	13508
Ion Ratio	Lower	Upper	
75	100		
77	41.4	19.7	59.0





#77

Bromobenzene

Concen: 4.385 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

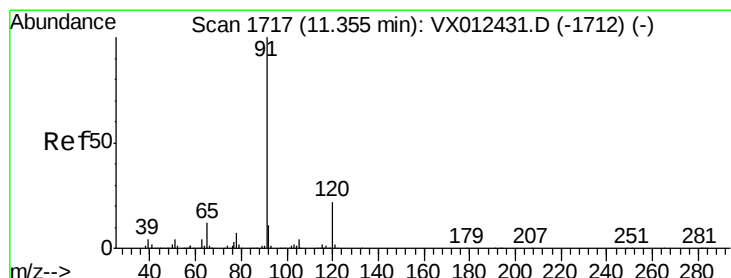
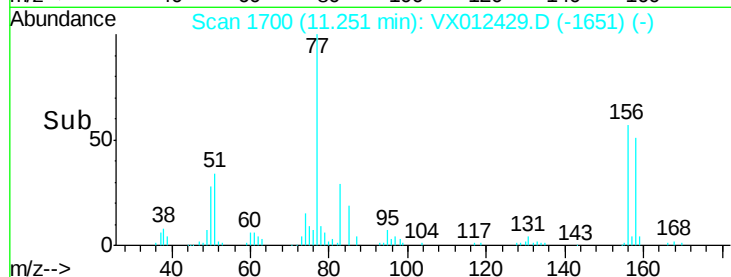
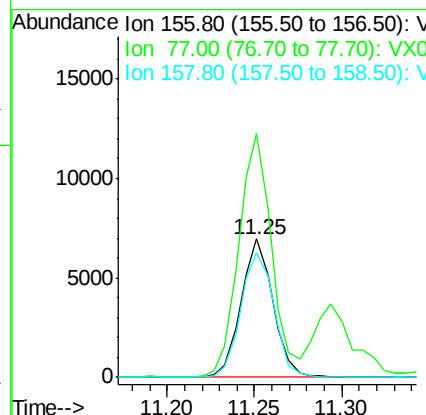
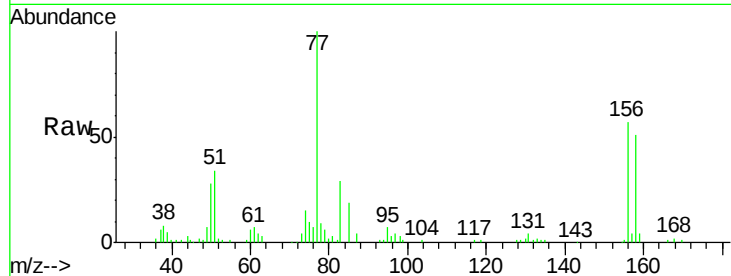
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	8866
Ion	Ratio	Lower	Upper
156	100		
77	180.2	87.3	261.8
158	93.5	48.5	145.6

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#78

n-propylbenzene

Concen: 4.317 ug/l

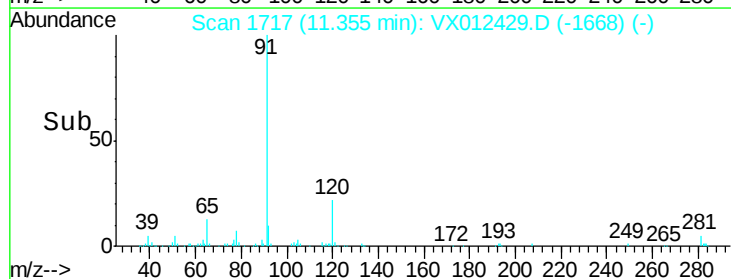
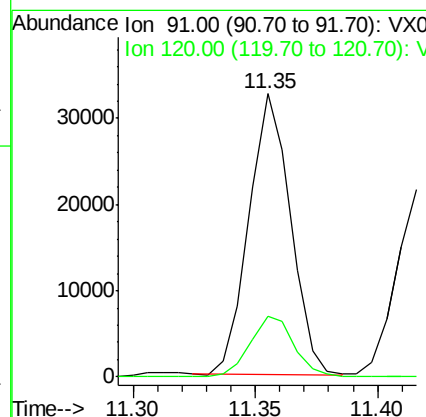
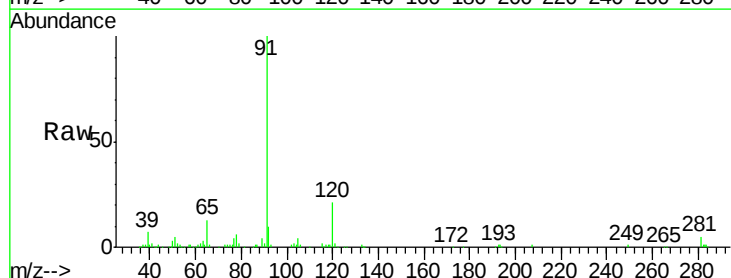
RT: 11.35 min Scan# 1717

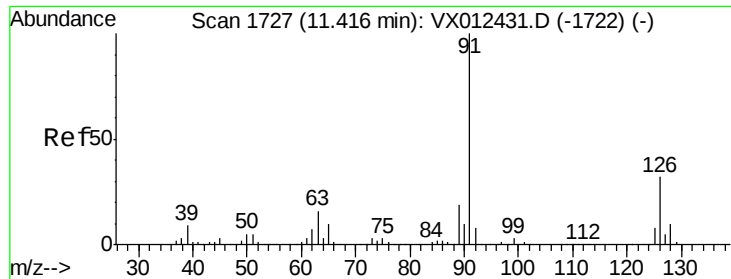
Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Tgt Ion:	91	Resp:	38554
Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.8





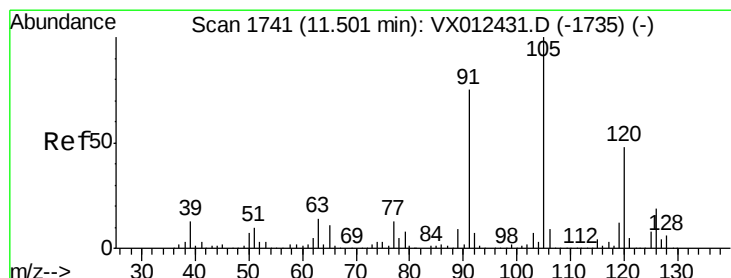
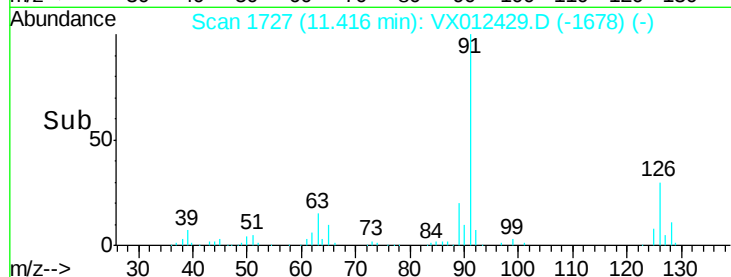
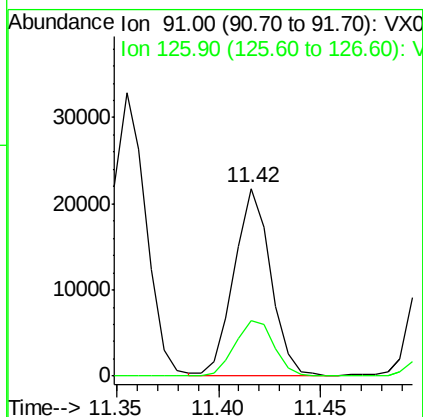
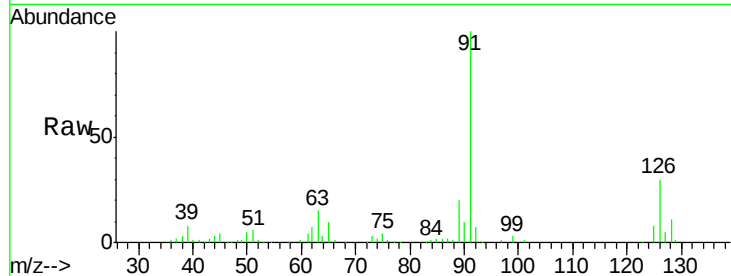
#79
2-Chlorotoluene
Concen: 4.678 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 26772
Ion Ratio Lower Upper
91 100
126 31.8 16.4 49.4

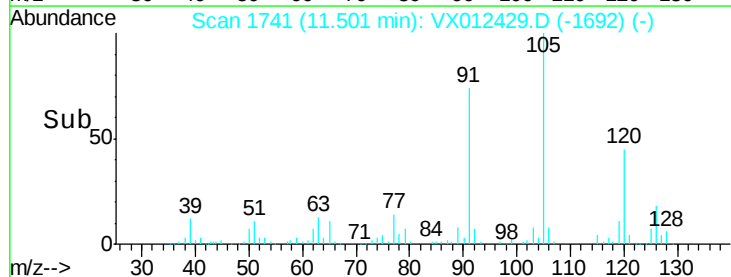
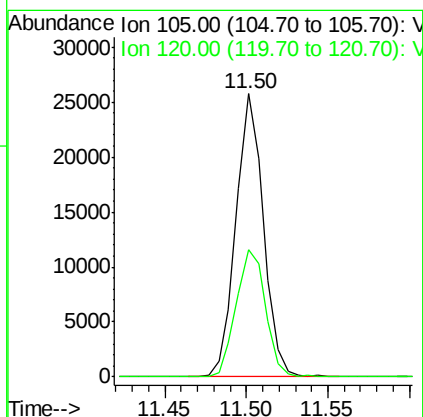
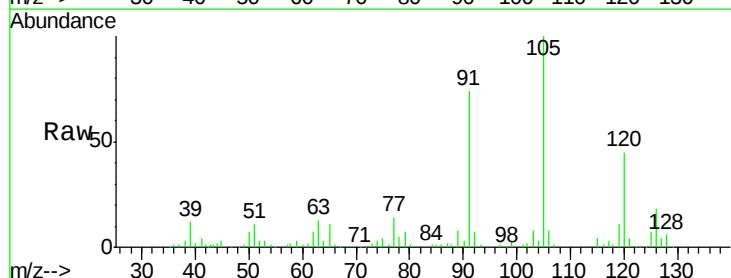
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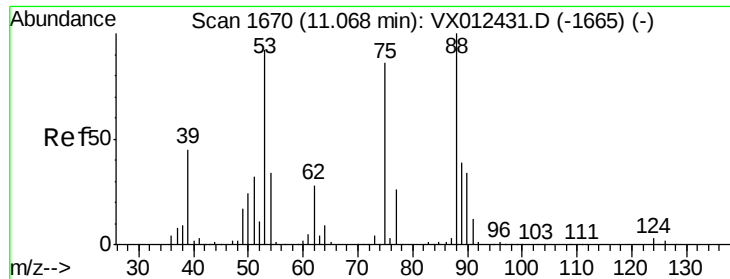
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#80
1,3,5-Trimethylbenzene
Concen: 4.409 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion: 105 Resp: 30274
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 3.495 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 3640

Ion Ratio Lower Upper

75 100

53 134.4 83.6 125.4#

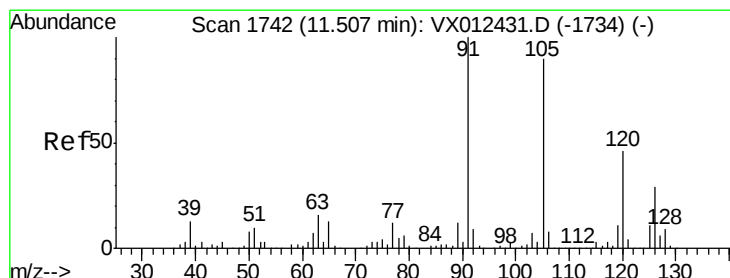
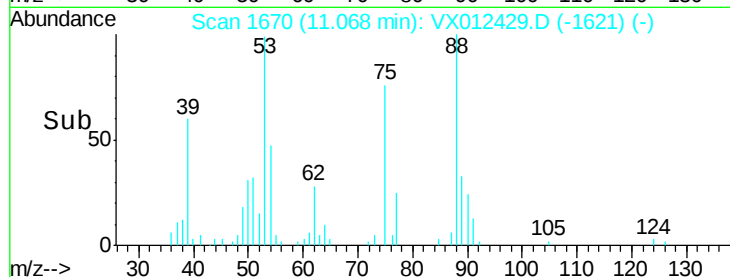
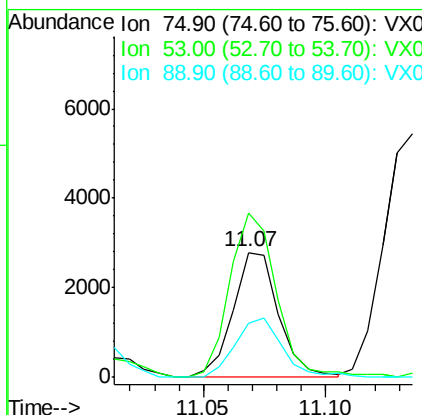
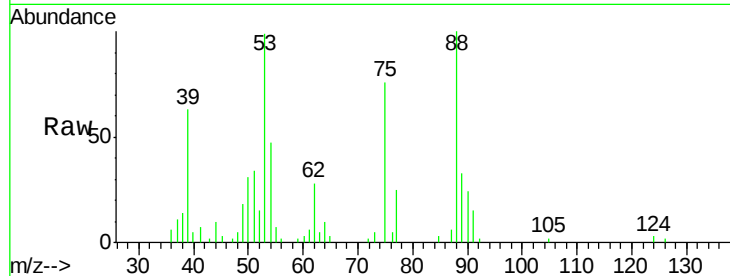
89 49.5 36.3 54.5

Manual Integrations

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#82

4-Chlorotoluene

Concen: 4.554 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012429.D

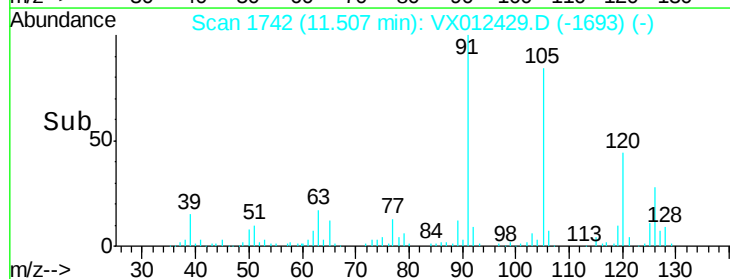
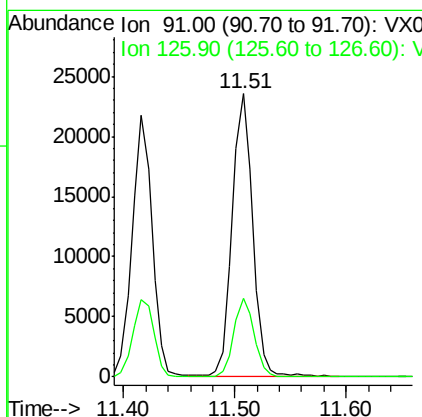
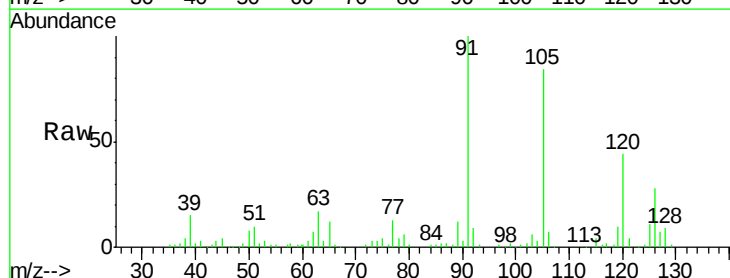
Acq: 17 Sep 2019 12:23

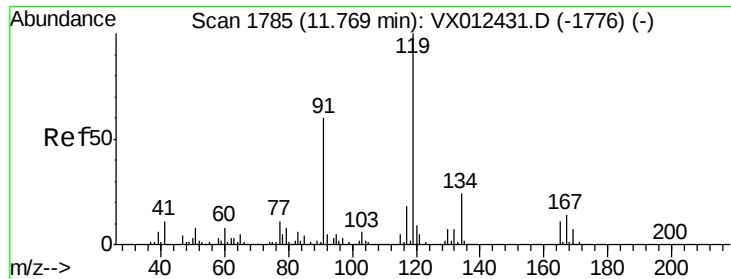
Tgt Ion: 91 Resp: 30351

Ion Ratio Lower Upper

91 100

126 27.4 14.4 43.0





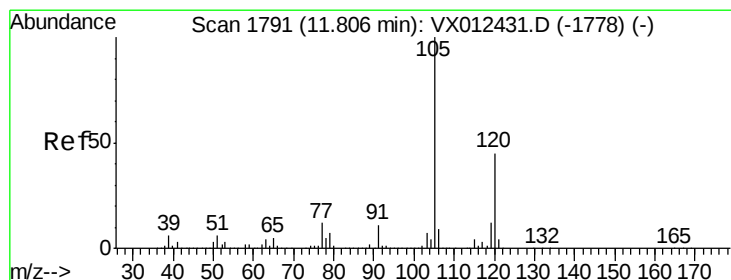
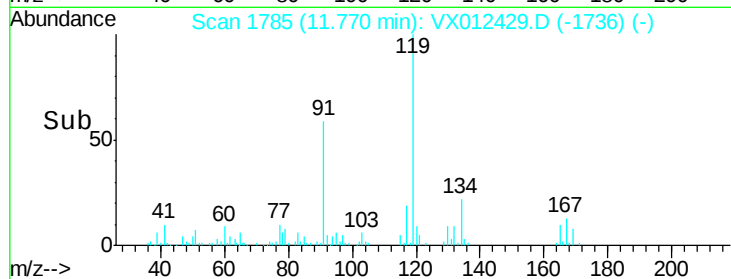
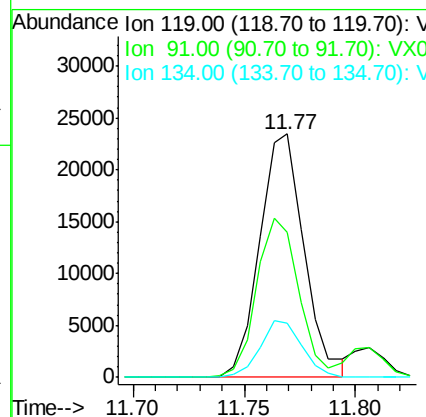
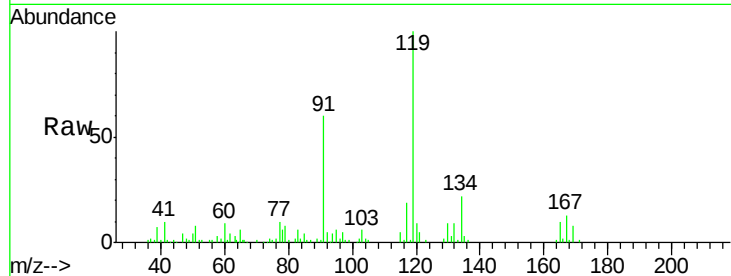
#83
tert-Butylbenzene
Concen: 4.476 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	32599		
91	62.0		30.0	90.0
134	22.1		11.3	33.9

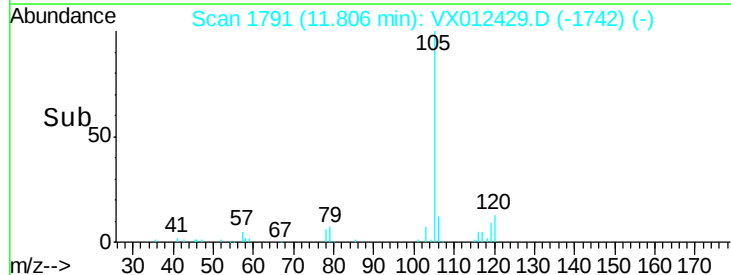
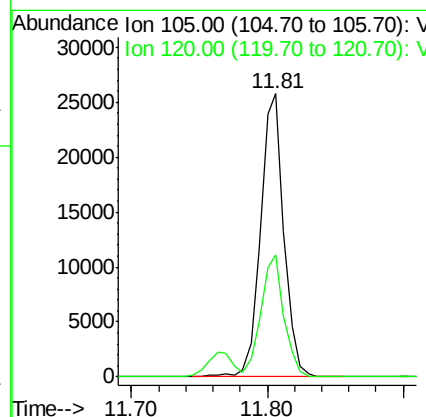
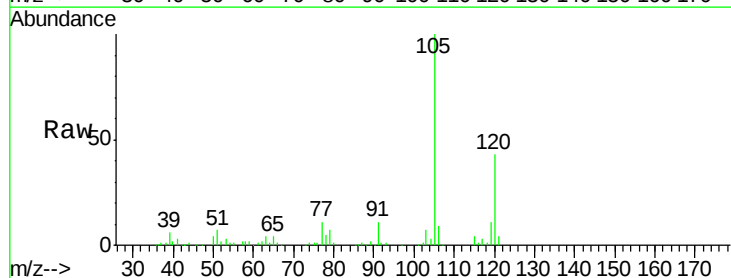
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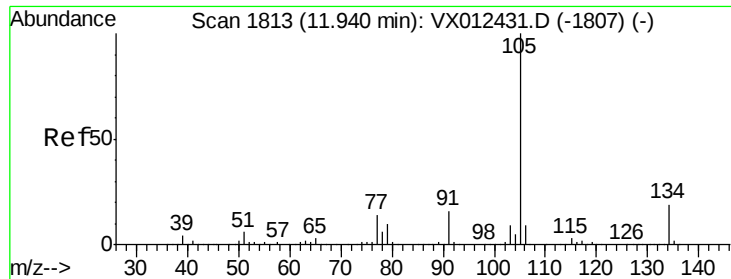
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#84
1,2,4-Trimethylbenzene
Concen: 4.459 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	31064		
120	42.5		22.2	66.6





#85

sec-Butylbenzene

Concen: 4.460 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 35971

Ion Ratio Lower Upper

105 100

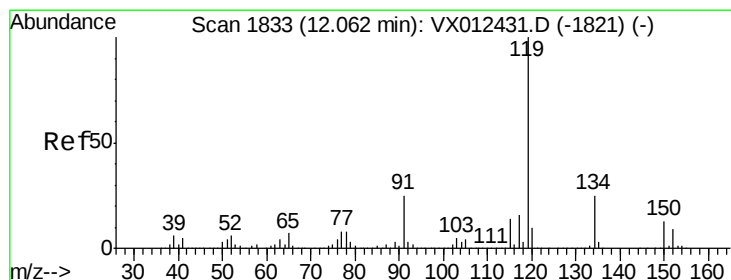
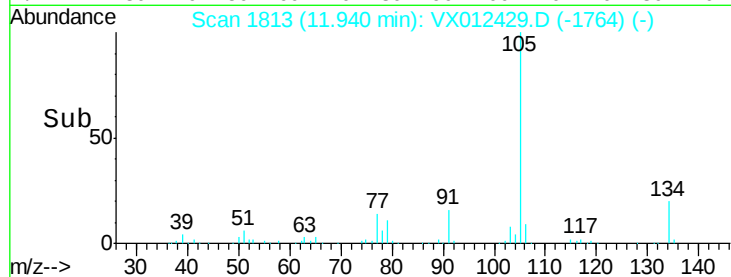
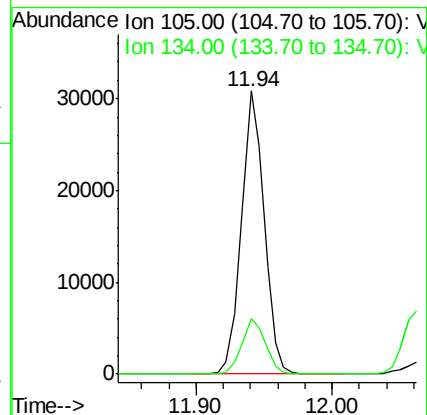
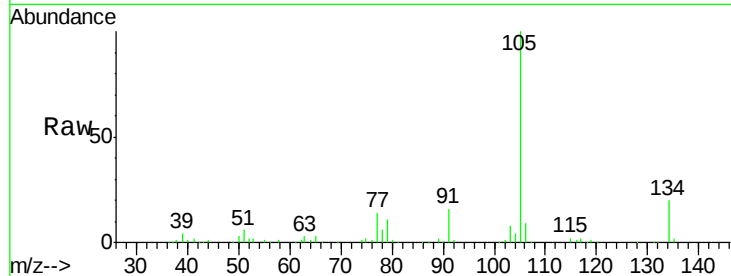
134 20.1 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 4.296 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012429.D

Acq: 17 Sep 2019 12:23

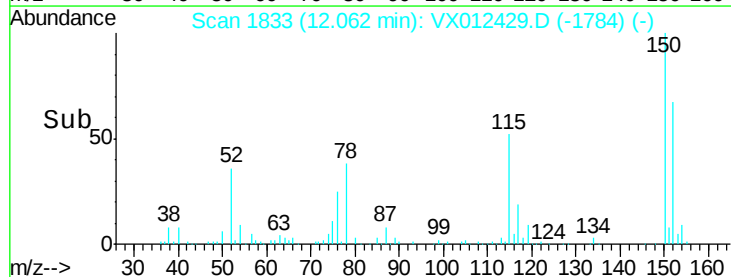
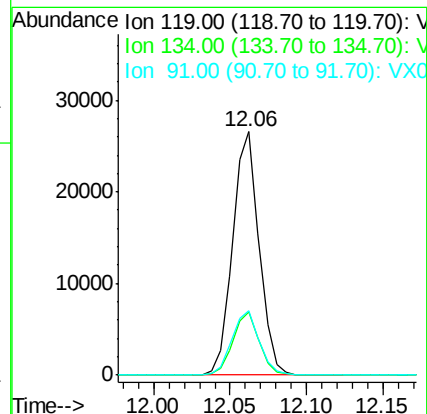
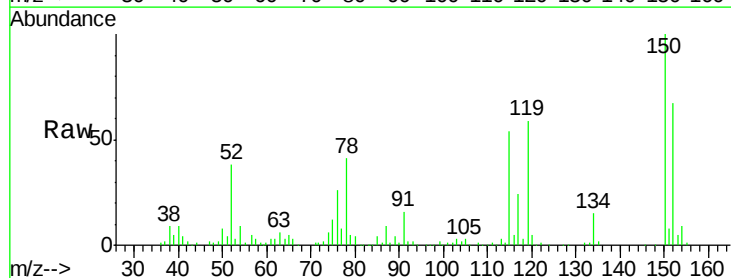
Tgt Ion:119 Resp: 31690

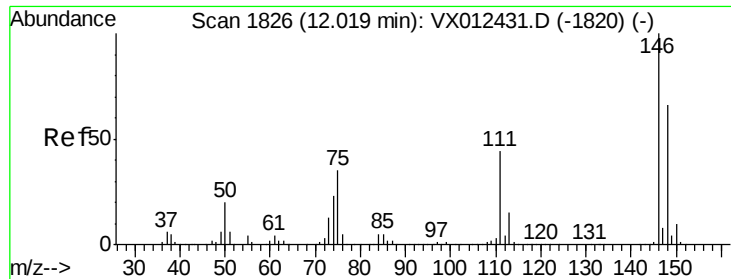
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.1

91 27.5 12.8 38.4





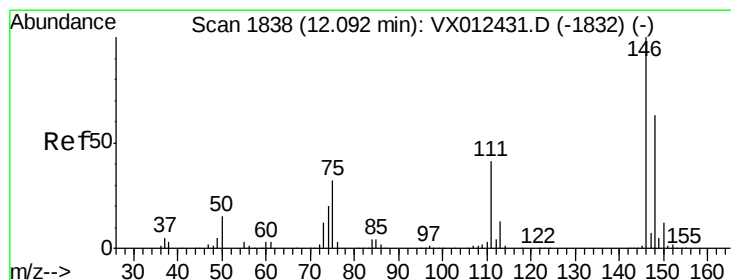
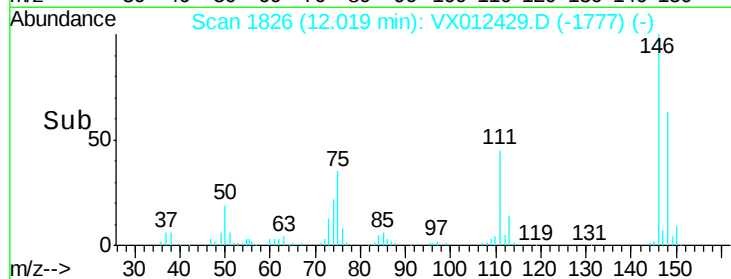
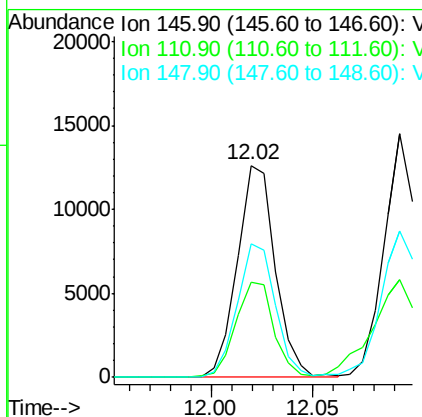
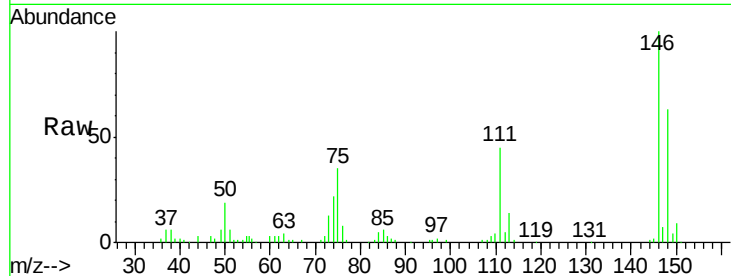
#87
 1,3-Dichlorobenzene
 Concen: 4.313 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.3	64.0
148	63.3	32.4	97.2

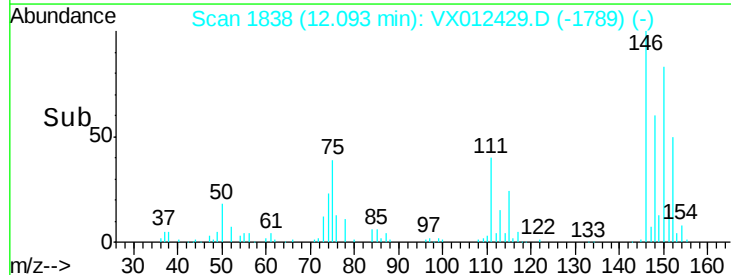
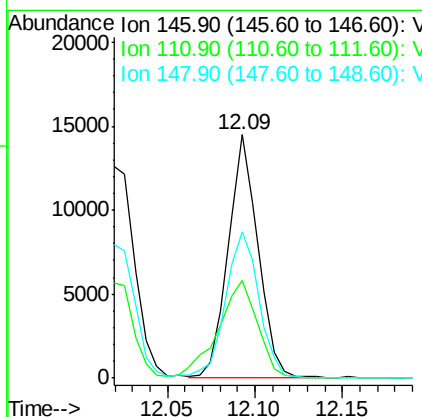
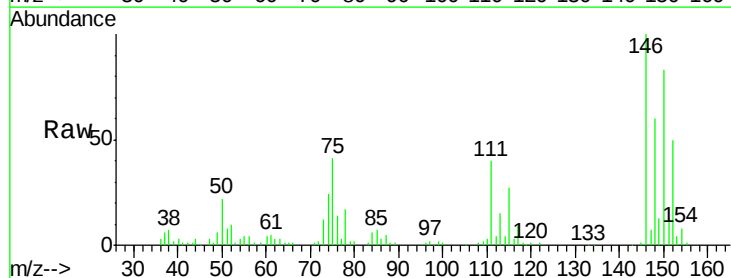
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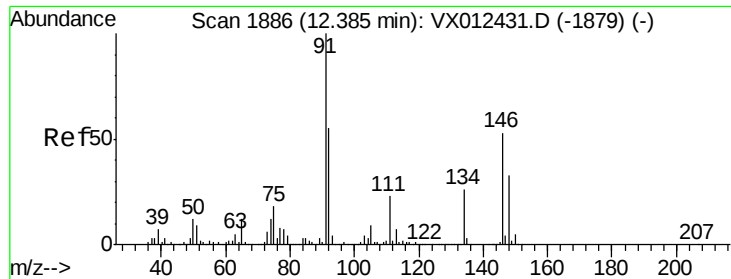
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#88
 1,4-Dichlorobenzene
 Concen: 4.497 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	53.0	21.1	63.3
148	67.0	32.1	96.5





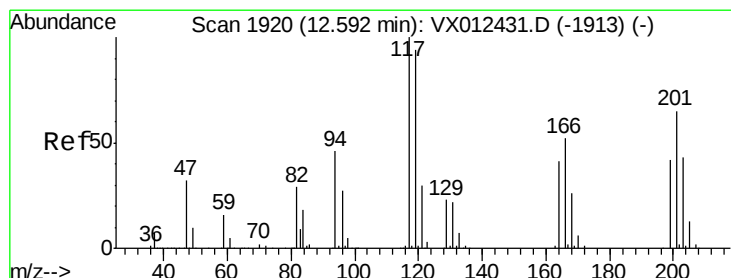
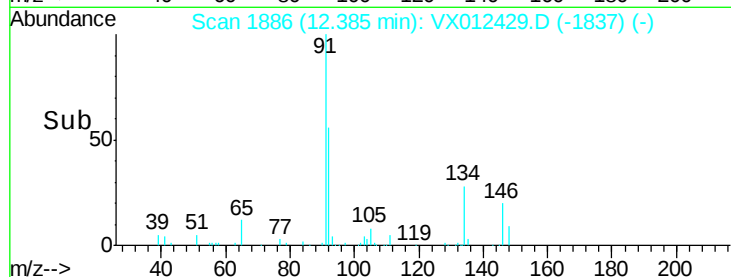
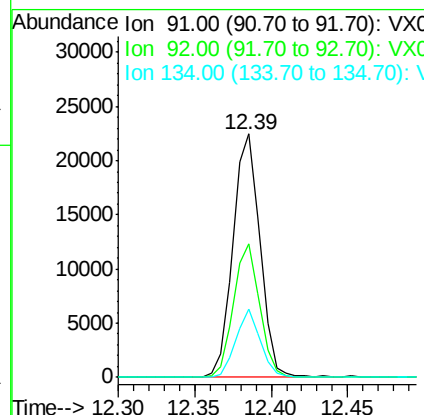
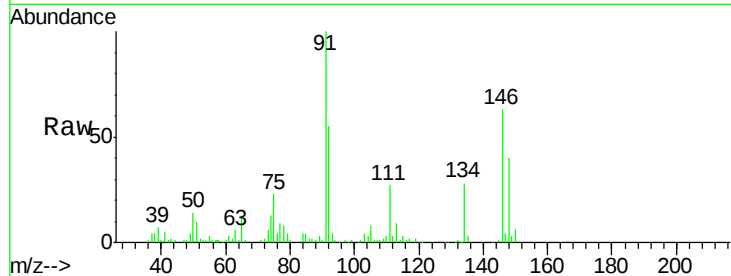
#89
n-Butylbenzene
Concen: 4.243 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.7	83.0
134	25.2	12.9	38.6

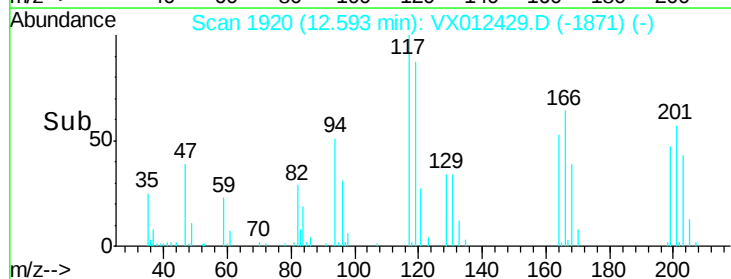
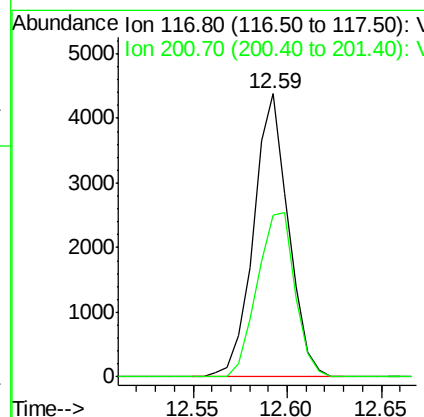
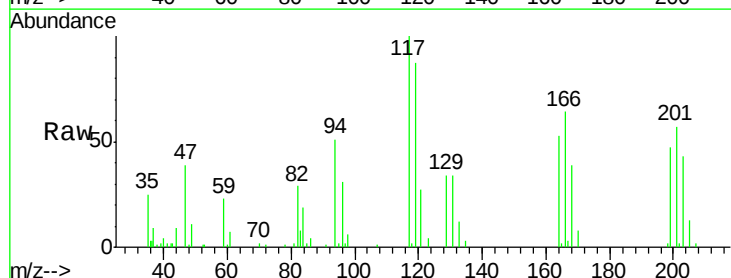
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#90
Hexachloroethane
Concen: 3.922 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.2	33.3	99.8





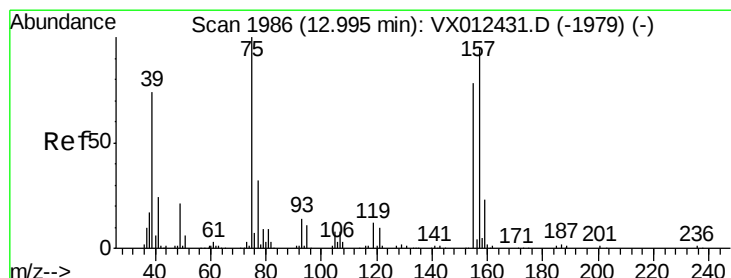
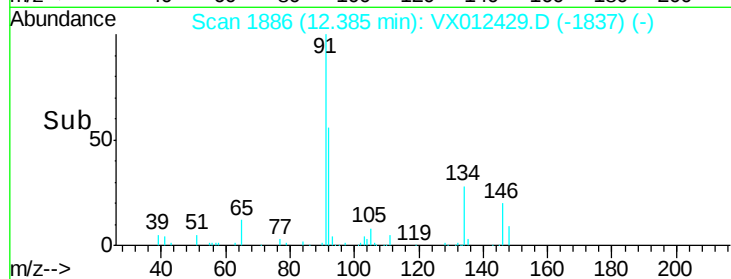
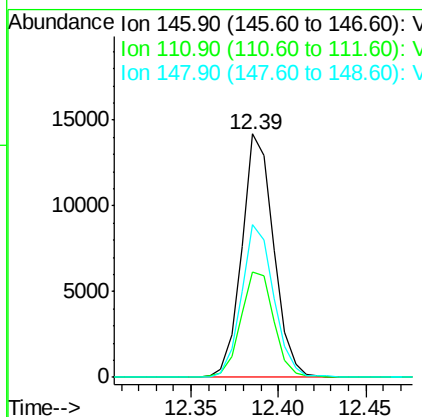
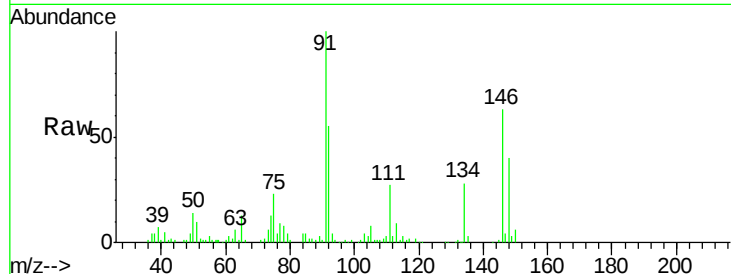
#91
 1,2-Dichlorobenzene
 Concen: 4.594 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.1
148	63.5	31.3	93.9

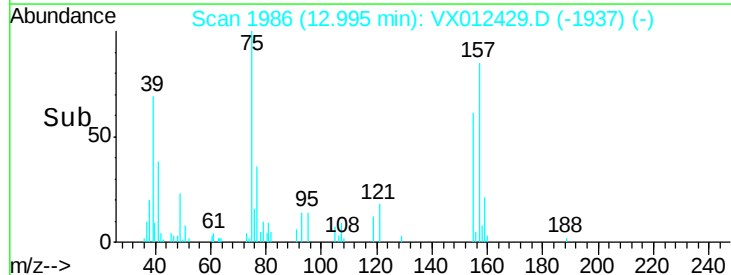
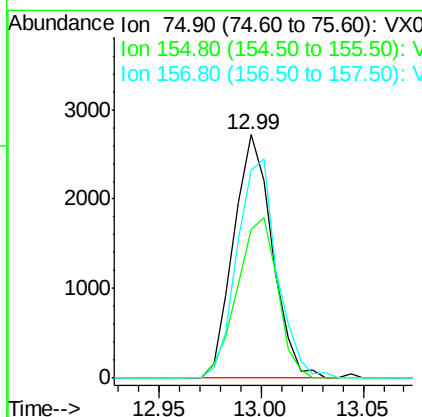
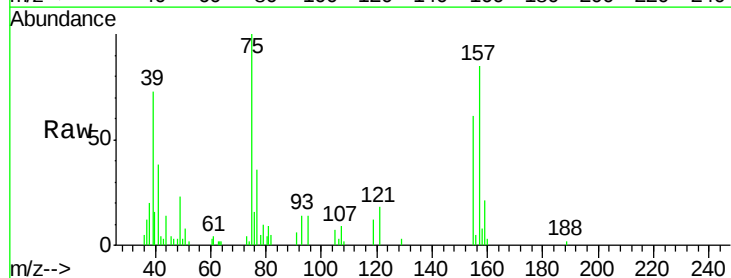
Manual Integrations
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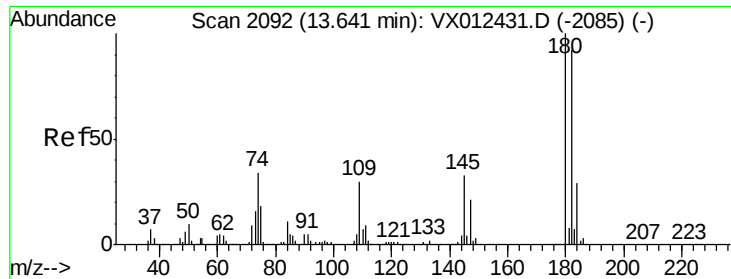
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.260 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	38.6	115.8
157	92.8	50.6	151.9





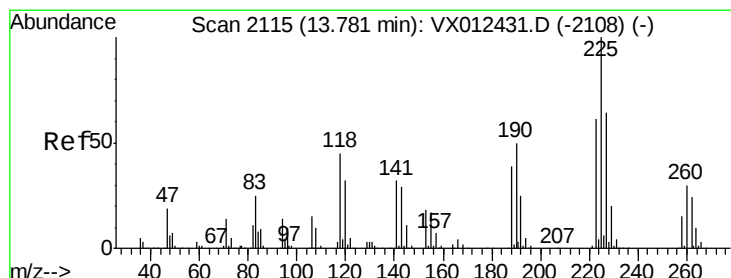
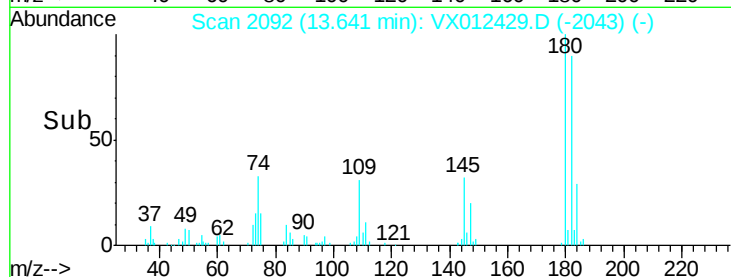
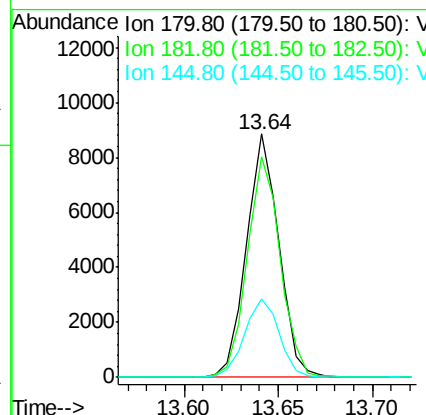
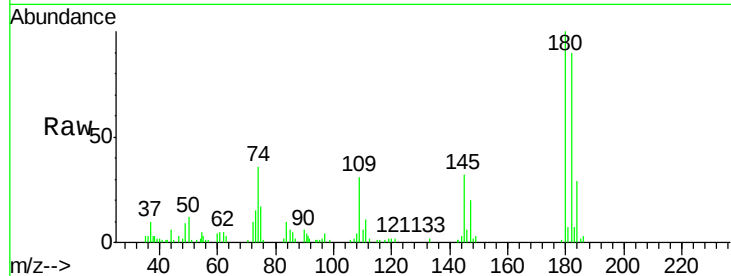
#93
 1,2,4-Trichlorobenzene
 Concen: 4.069 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.4	47.0	141.0	
145	34.2	16.8	50.4	

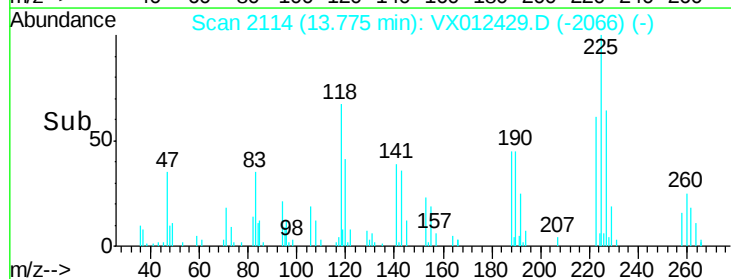
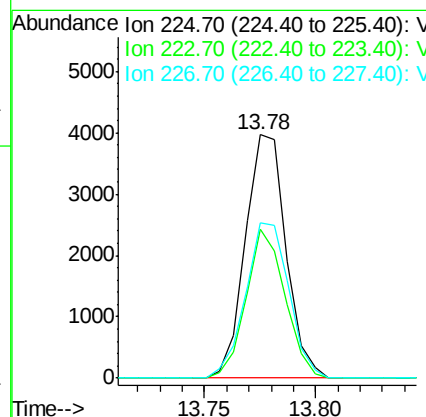
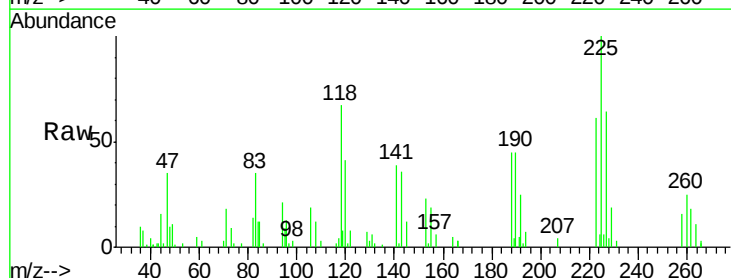
Manual Integrations
 APPROVED

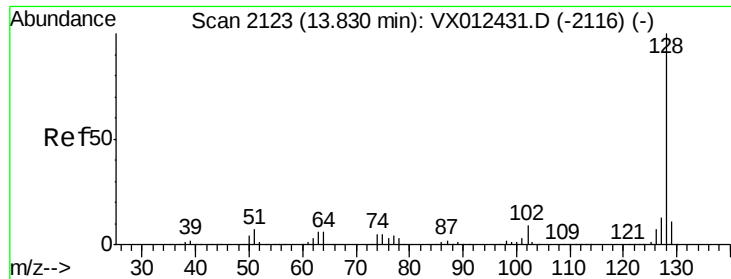
MMDadoda
 9/18/2019 11:22:05 AM



#94
 Hexachlorobutadiene
 Concen: 4.088 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012429.D
 Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.1	32.0	96.2	
227	67.7	31.9	95.5	





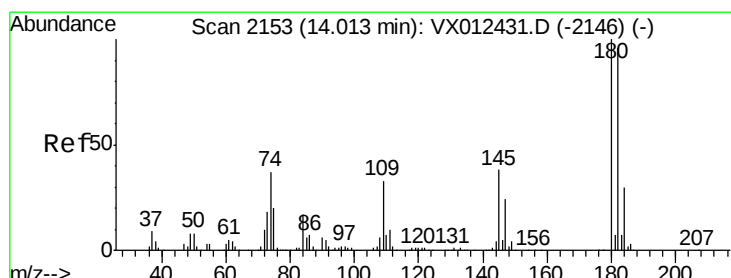
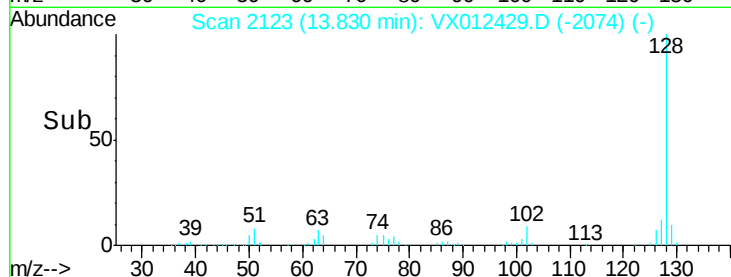
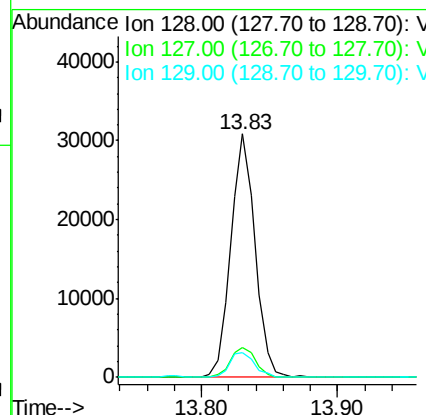
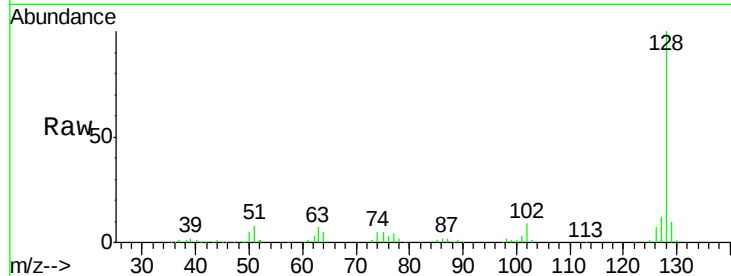
#95
Naphthalene
Concen: 4.297 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.5	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/18/2019 11:22:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.175 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012429.D
Acq: 17 Sep 2019 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.1	141.3
145	36.3	18.0	54.0

