

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012931.D
 Acq On : 09 Oct 2019 10:43
 Operator : JC/SP
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:33:06 AM

Quant Time: Oct 10 02:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	178285	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	295078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	267144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113586	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	5.48	113	89257	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	8.71	98	344299	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	133969	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37292	20.521	ug/l	99
3) Chloromethane	1.32	50	39369	19.906	ug/l	99
4) Vinyl Chloride	1.40	62	39120	19.164	ug/l	99
5) Bromomethane	1.63	94	20314	23.939	ug/l	98
6) Chloroethane	1.72	64	26446	21.420	ug/l	96
7) Trichlorofluoromethane	1.92	101	56468	20.495	ug/l	99
8) Diethyl Ether	2.17	74	22369	20.114	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36133	20.263	ug/l	98
10) Methyl Iodide	2.50	142	29093	18.019	ug/l	99
11) Tert butyl alcohol	3.03	59	51710	87.539	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35182	19.528	ug/l	99
13) Acrolein	2.28	56	31493	75.020	ug/l	100
14) Allyl chloride	2.72	41	62136	19.366	ug/l	99
15) Acrylonitrile	3.12	53	108572	96.988	ug/l	100
16) Acetone	2.43	43	117863	100.347	ug/l	99
17) Carbon Disulfide	2.56	76	92529	18.011	ug/l	99
18) Methyl Acetate	2.76	43	51523	18.507	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	124353	19.987	ug/l	100
20) Methylene Chloride	2.84	84	40652	18.833	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	37472	19.405	ug/l	93
22) Diisopropyl ether	3.84	45	125351	20.389	ug/l	98
23) Vinyl Acetate	3.80	43	531145	100.075	ug/l	99
24) 1,1-Dichloroethane	3.69	63	69638	20.134	ug/l	99
25) 2-Butanone	4.65	43	159996	98.185	ug/l	99
26) 2,2-Dichloropropane	4.57	77	57993	19.939	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	43852	19.701	ug/l	98
28) Bromochloromethane	5.00	49	21013	20.061	ug/l	98
29) Tetrahydrofuran	5.11	42	96894	96.627	ug/l	99
30) Chloroform	5.19	83	69719	19.645	ug/l	97
31) Cyclohexane	5.57	56	65224	20.167	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	60697	20.185	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53781	20.730	ug/l	100
37) Ethyl Acetate	4.82	43	56884	19.609	ug/l	100
38) Carbon Tetrachloride	5.77	117	49650	19.662	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	67767	21.539	ug/l	99
40) Benzene	6.13	78	156642	20.443	ug/l	98
41) Methacrylonitrile	5.02	41	30748	19.289	ug/l	99
42) 1,2-Dichloroethane	6.18	62	56773	20.648	ug/l	100
43) Isopropyl Acetate	6.43	43	92181	19.798	ug/l	99
44) Trichloroethene	7.20	130	41036	19.313	ug/l	90
45) 1,2-Dichloropropane	7.51	63	39462	20.207	ug/l	95
46) Dibromomethane	7.65	93	26059	20.028	ug/l	97
47) Bromodichloromethane	7.89	83	50623	19.937	ug/l	97
48) Methyl methacrylate	7.76	41	44445	19.588	ug/l	98
49) 1,4-Dioxane	7.73	88	21744	379.660	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	289753	99.811	ug/l	100
52) Toluene	8.78	92	100511	20.504	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	54594	18.650	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62038	19.865	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	39711	20.470	ug/l	98
56) Ethyl methacrylate	9.17	69	62408	19.138	ug/l	100
57) 1,3-Dichloropropane	9.36	76	67143	20.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	145297	101.953	ug/l	99
59) 2-Hexanone	9.48	43	223198	98.769	ug/l	100
60) Dibromochloromethane	9.57	129	38454	19.008	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41176	20.177	ug/l	99
64) Tetrachloroethene	9.33	164	40084	21.633	ug/l	91
65) Chlorobenzene	10.13	112	105231	19.836	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	36620	19.909	ug/l	98
67) Ethyl Benzene	10.25	91	190553	20.221	ug/l	100
68) m/p-Xylenes	10.35	106	144832	41.141	ug/l	99
69) o-Xylene	10.70	106	70060	20.408	ug/l	100
70) Styrene	10.71	104	118741	20.346	ug/l	98
71) Bromoform	10.85	173	25238	18.230	ug/l #	100
73) Isopropylbenzene	11.01	105	188790	20.978	ug/l	99
74) N-amyl acetate	10.89	43	77152	19.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60492	20.210	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	51584m	19.000	ug/l	
77) Bromobenzene	11.25	156	43101	20.324	ug/l	96
78) n-propylbenzene	11.35	91	207169	20.921	ug/l	99
79) 2-Chlorotoluene	11.42	91	126957	20.400	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	159998	21.292	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	16524	18.457	ug/l	89
82) 4-Chlorotoluene	11.51	91	149322	20.933	ug/l	98
83) tert-Butylbenzene	11.76	119	146169	19.941	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	155032	20.371	ug/l	96
85) sec-Butylbenzene	11.94	105	181726	21.399	ug/l	98
86) p-Isopropyltoluene	12.06	119	164387	20.871	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77955	19.795	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	79537	19.942	ug/l	98
89) n-Butylbenzene	12.39	91	137770	20.812	ug/l	99
90) Hexachloroethane	12.59	117	25540	18.884	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77990	20.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13478	19.212	ug/l	92

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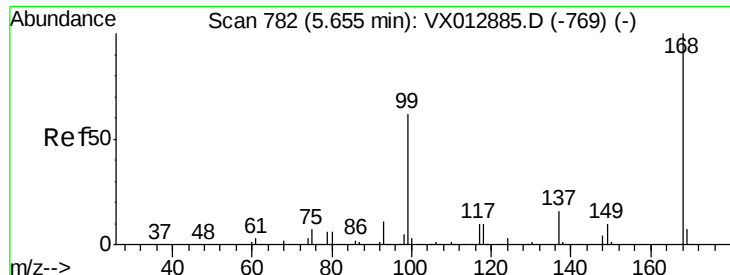
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47282	19.550	ug/l	99
94) Hexachlorobutadiene	13.78	225	22071	19.775	ug/l	99
95) Naphthalene	13.83	128	159935	19.077	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49070	19.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:168 Resp: 178285

Ion Ratio Lower Upper

168 100

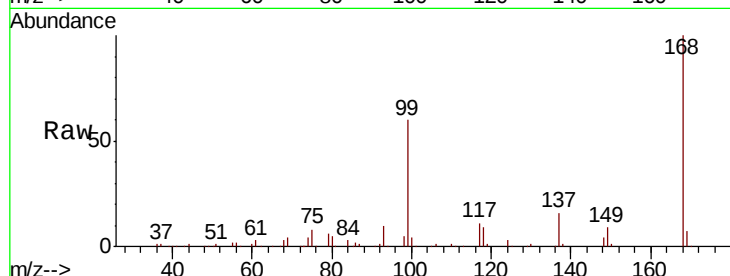
99 59.4 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

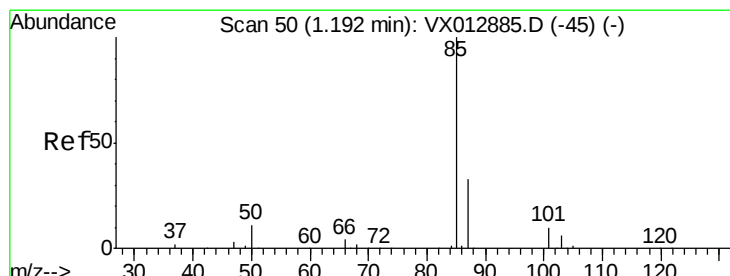
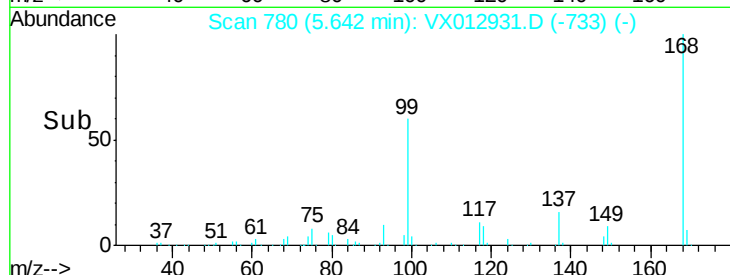
40000

20000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.521 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012931.D

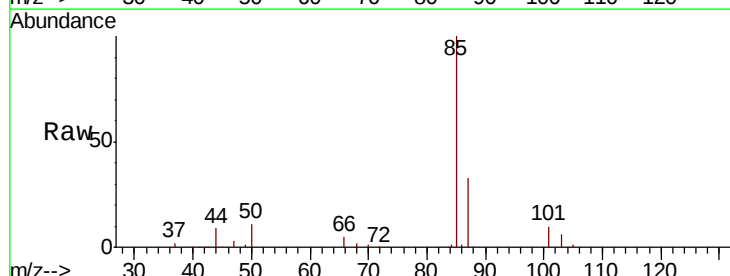
Acq: 09 Oct 2019 10:43

Tgt Ion: 85 Resp: 37292

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

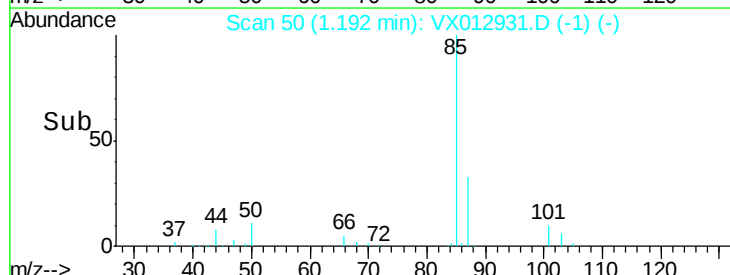
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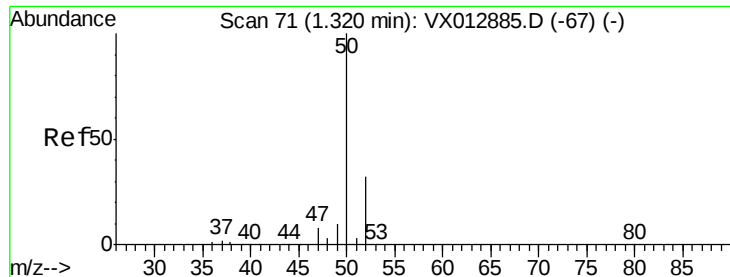
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0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.906 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 50 Resp: 39369

Ion Ratio Lower Upper

50 100

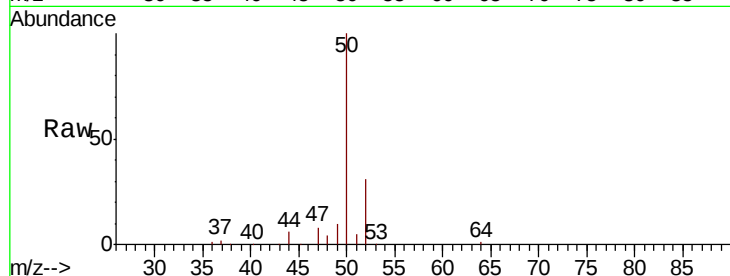
52 30.8 25.2 37.8

Manual Integrations

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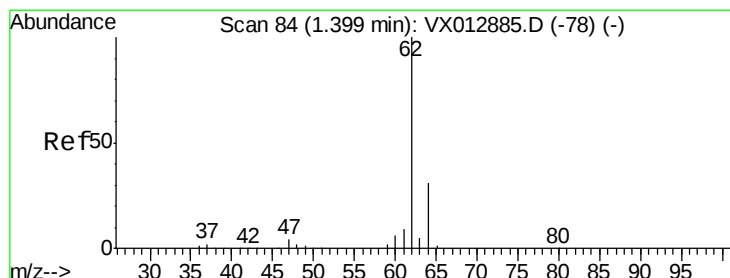
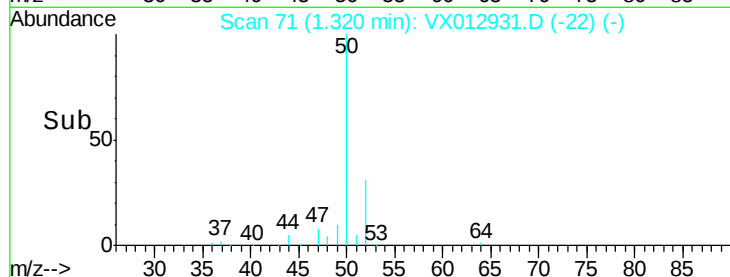
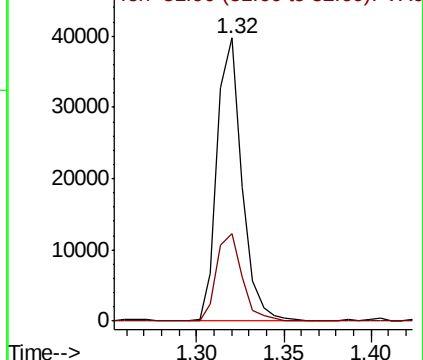
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.164 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012931.D

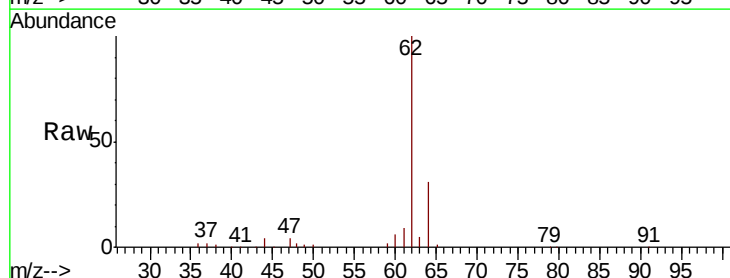
Acq: 09 Oct 2019 10:43

Tgt Ion: 62 Resp: 39120

Ion Ratio Lower Upper

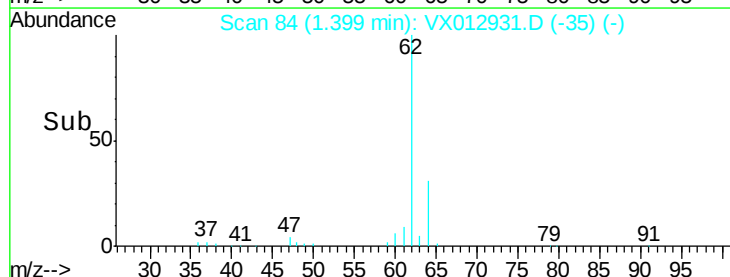
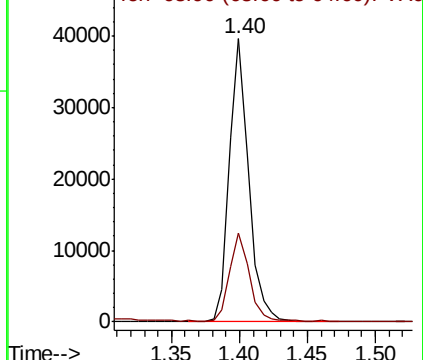
62 100

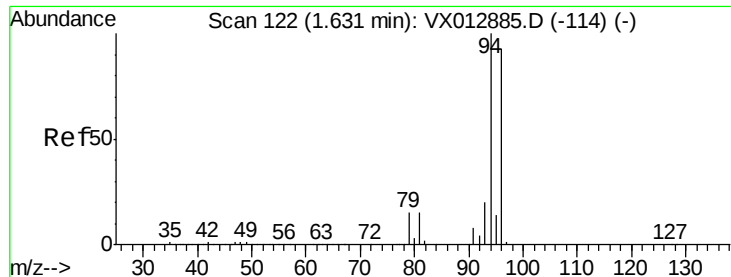
64 30.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.939 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 94 Resp: 20314

Ion Ratio Lower Upper

94 100

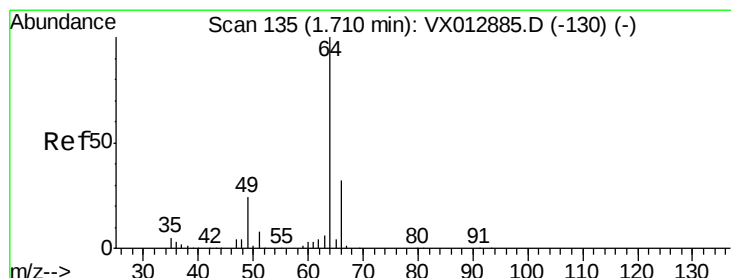
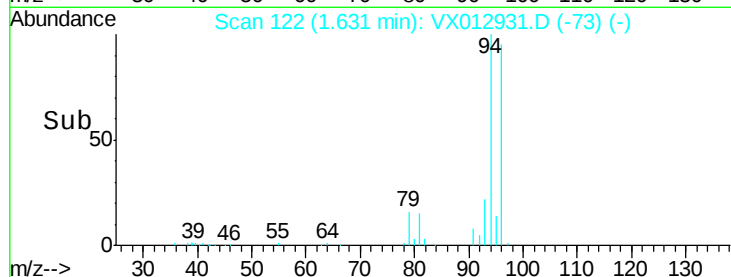
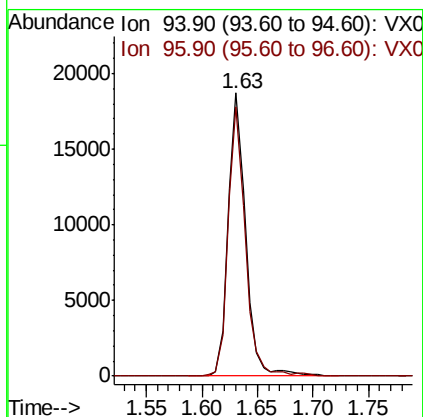
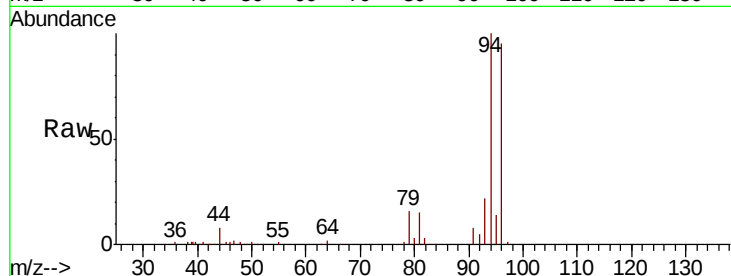
96 95.0 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 21.420 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012931.D

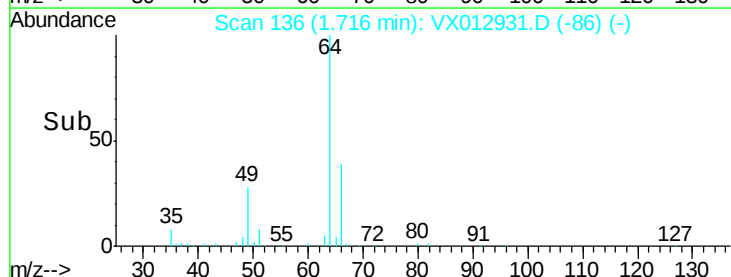
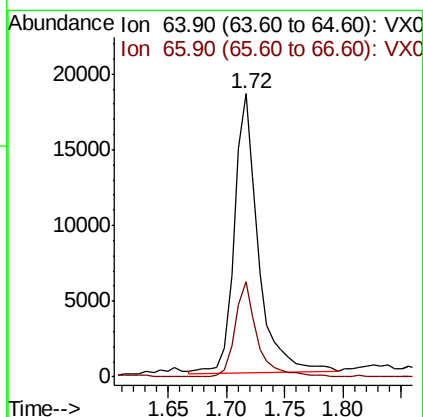
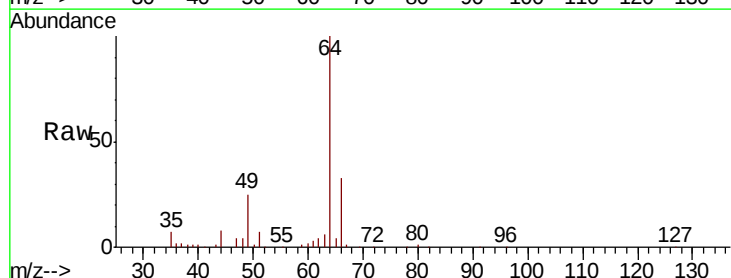
Acq: 09 Oct 2019 10:43

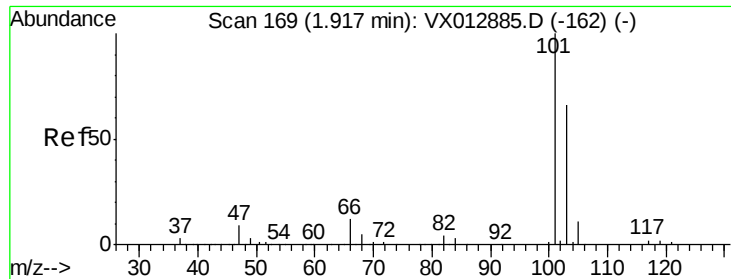
Tgt Ion: 64 Resp: 26446

Ion Ratio Lower Upper

64 100

66 34.1 25.6 38.4





#7

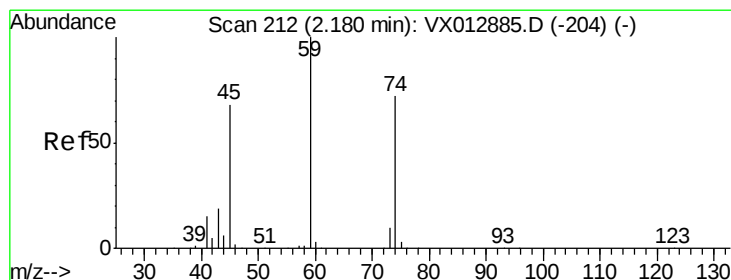
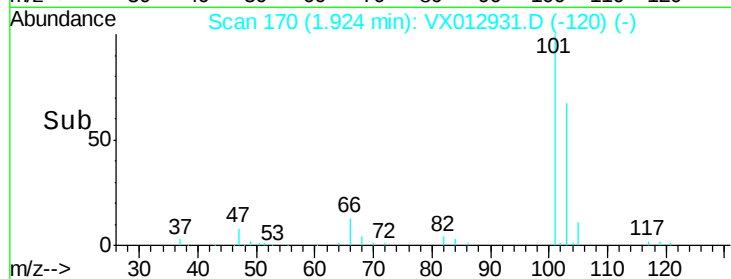
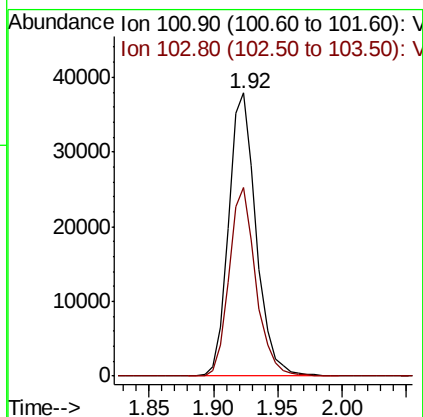
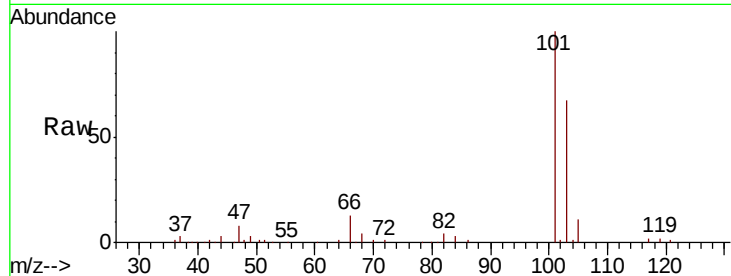
Trichlorofluoromethane
Concen: 20.495 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion:101 Resp: 56468
Ion Ratio Lower Upper
101 100
103 66.7 52.5 78.7

Manual Integrations
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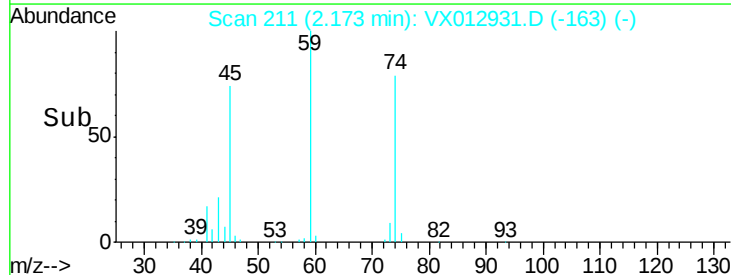
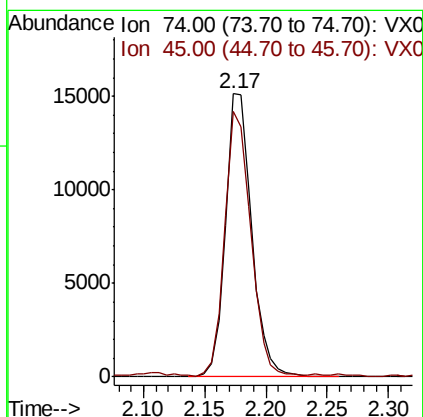
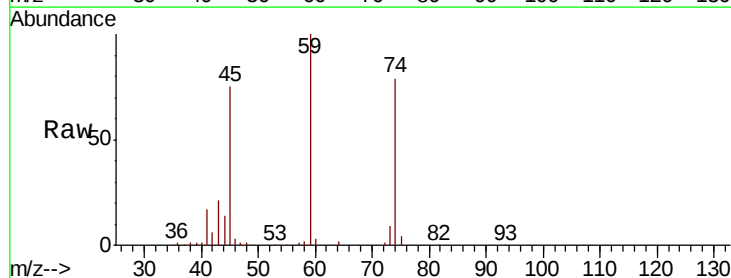
MMDadoda
10/10/2019 9:33:06 AM

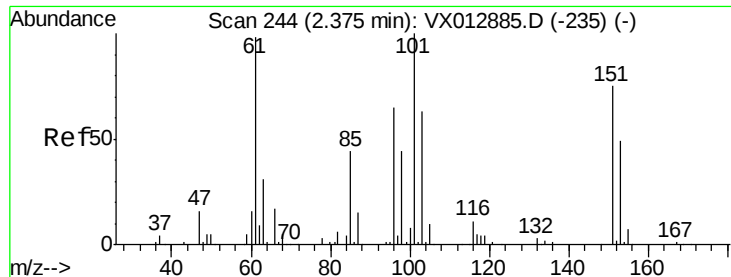


#8

Diethyl Ether
Concen: 20.114 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion: 74 Resp: 22369
Ion Ratio Lower Upper
74 100
45 94.3 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.263 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

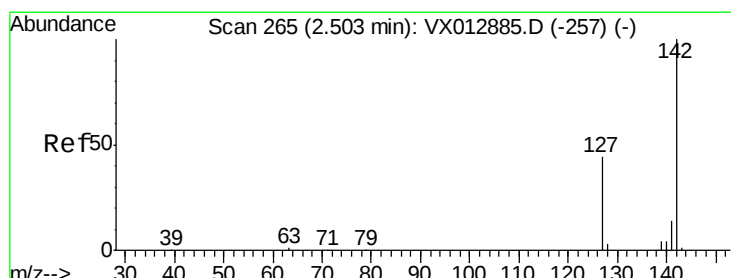
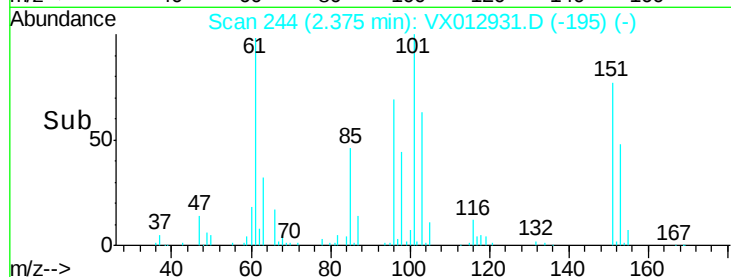
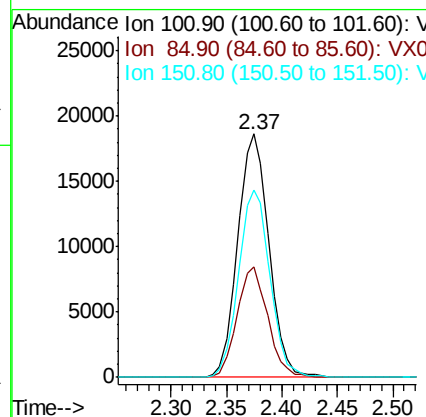
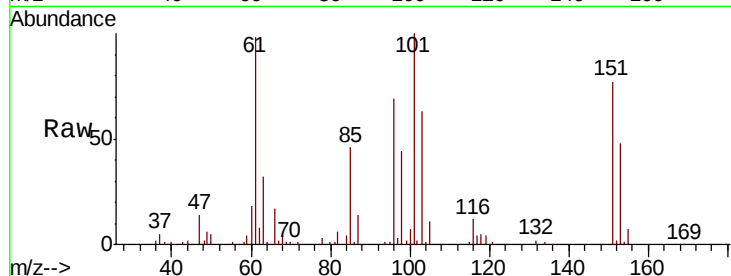
ClientSampleId :

VX1009WBS01

Tot Ion:	101	Resp:	36133
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.2	52.8
151	77.6	60.3	90.5

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#10

Methyl Iodide

Concen: 18.019 ug/l

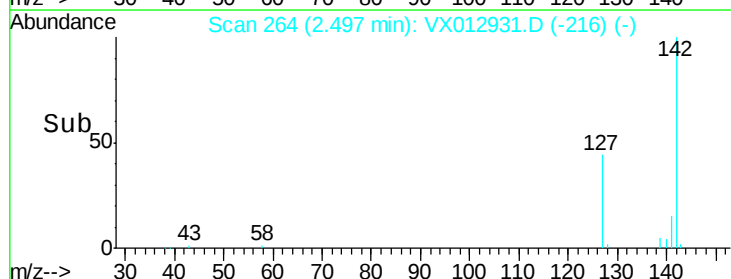
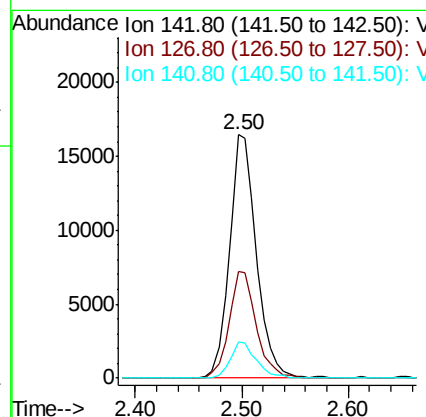
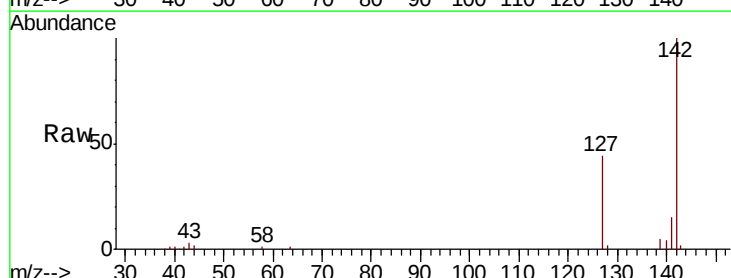
RT: 2.50 min Scan# 264

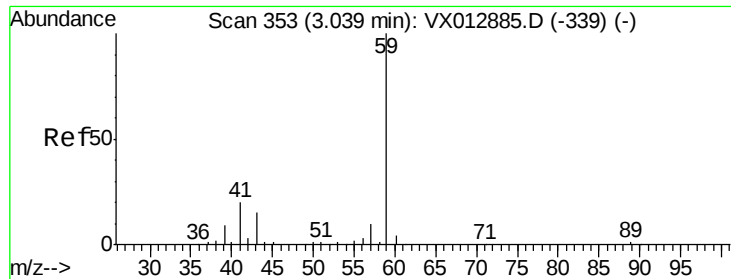
Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion:	142	Resp:	29093
Ion Ratio	Lower	Upper	
142	100		
127	44.1	34.9	52.3
141	14.2	11.6	17.4





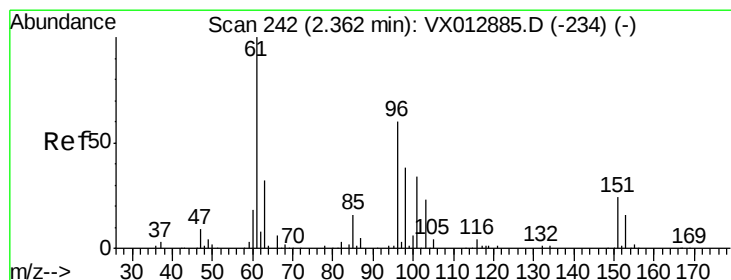
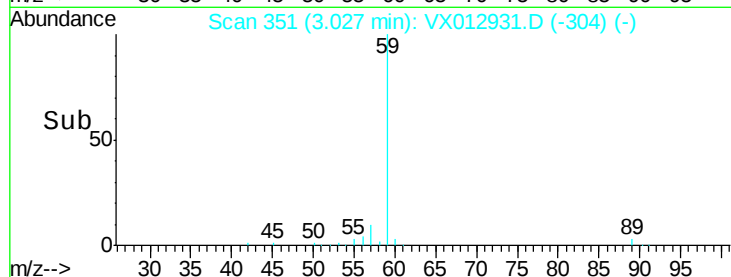
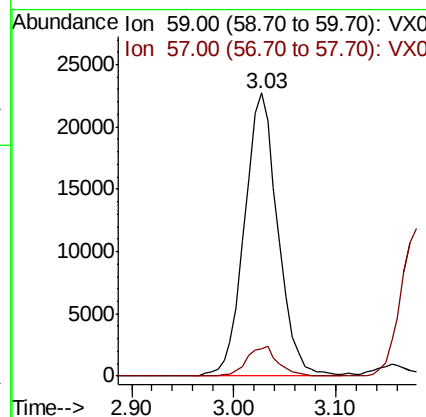
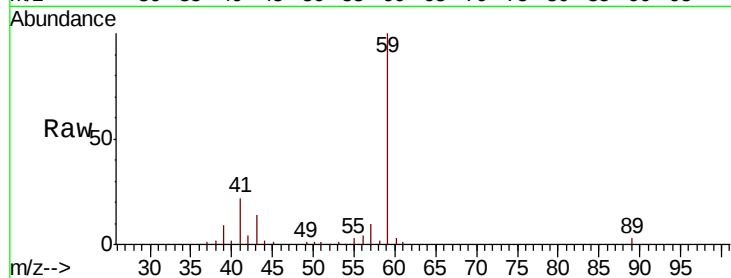
#11
Tert butyl alcohol
Concen: 87.539 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 59 Resp: 51710
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

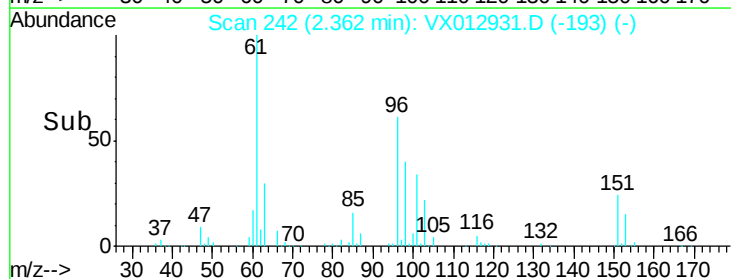
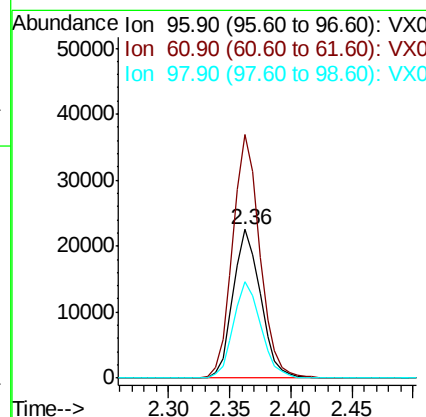
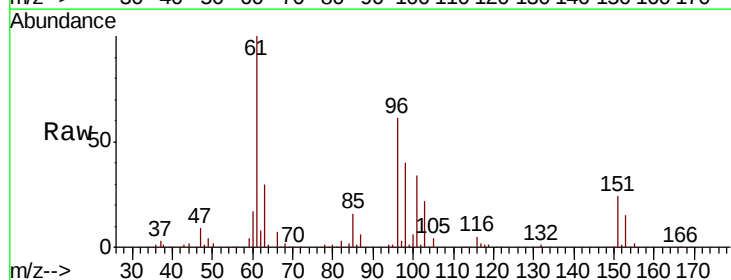
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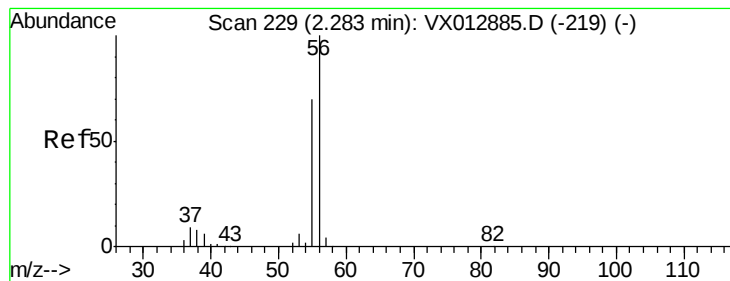
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.528 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion: 96 Resp: 35182
Ion Ratio Lower Upper
96 100
61 163.8 132.2 198.4
98 65.0 50.5 75.7





#13

Acrolein

Concen: 75.020 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 56 Resp: 31493

Ion Ratio Lower Upper

56 100

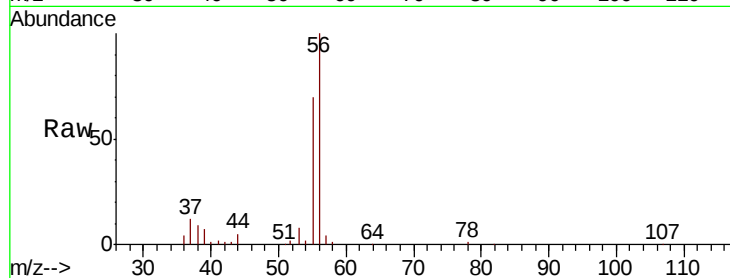
55 71.0 56.6 85.0

Manual Integrations

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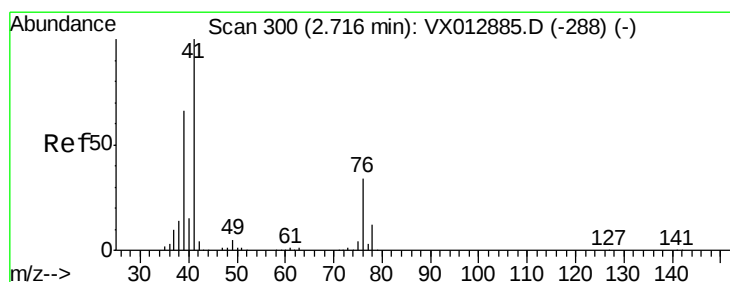
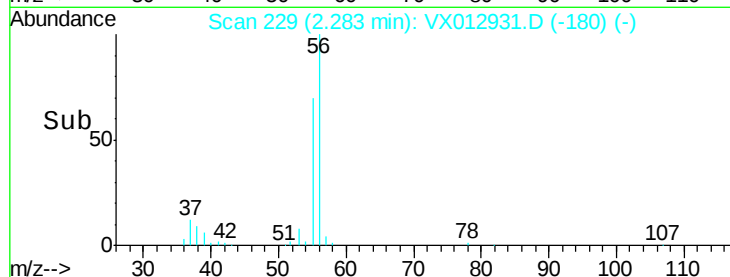
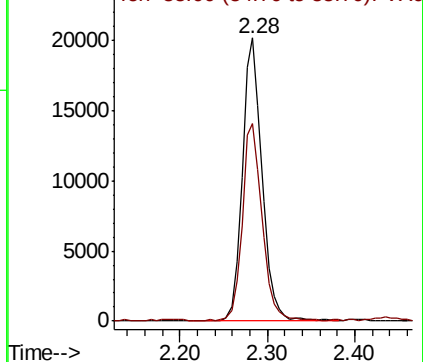
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.366 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

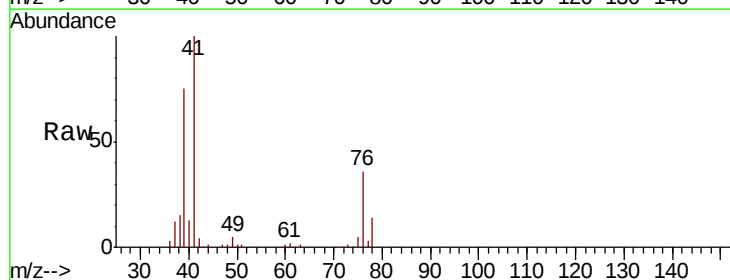
Tgt Ion: 41 Resp: 62136

Ion Ratio Lower Upper

41 100

39 64.2 51.0 76.6

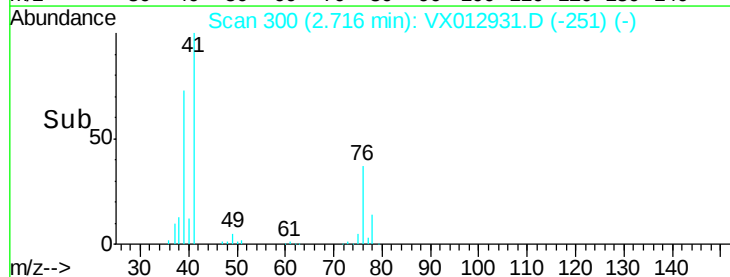
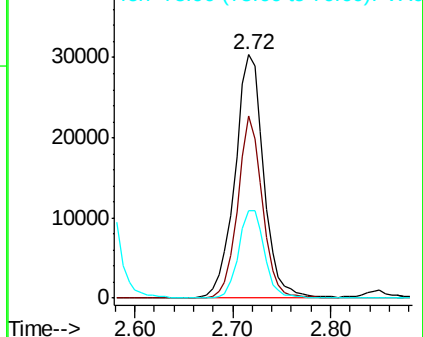
76 32.4 26.2 39.4

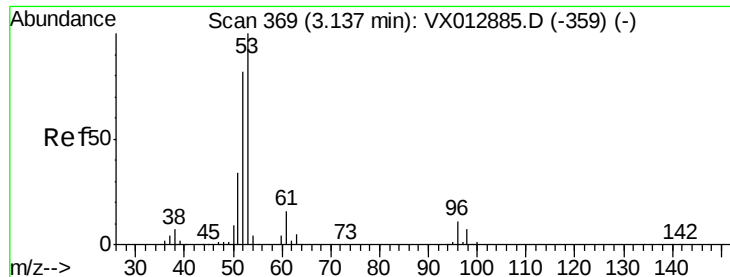


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.988 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

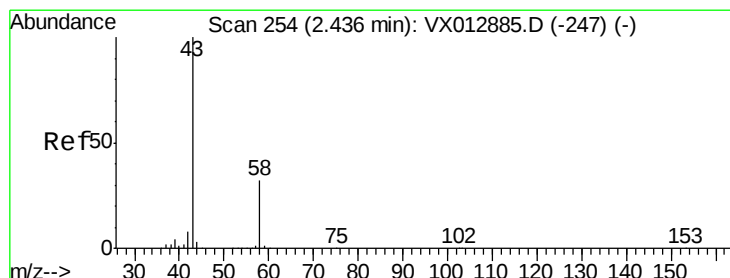
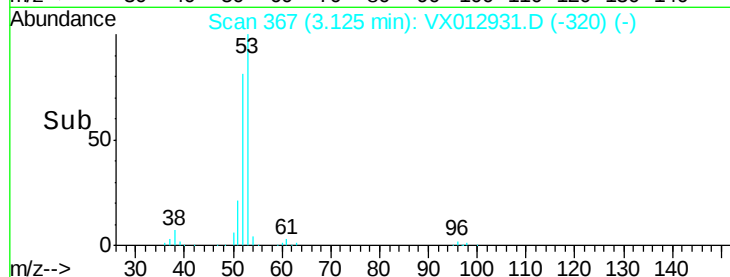
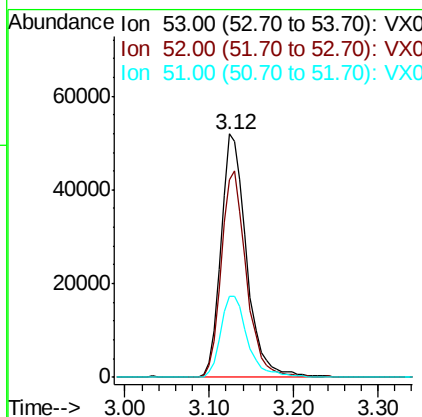
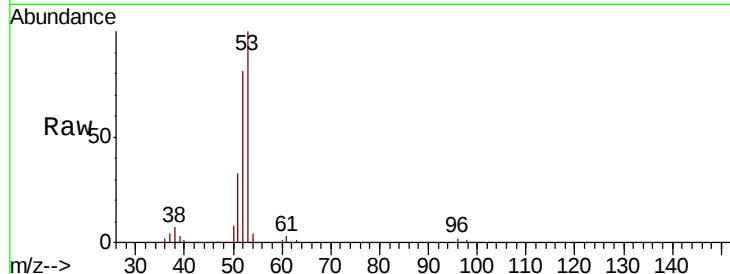
ClientSampleId :

VX1009WBS01

Tot Ion:	53	Resp:	108572
Ion Ratio		Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.3	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 100.347 ug/l

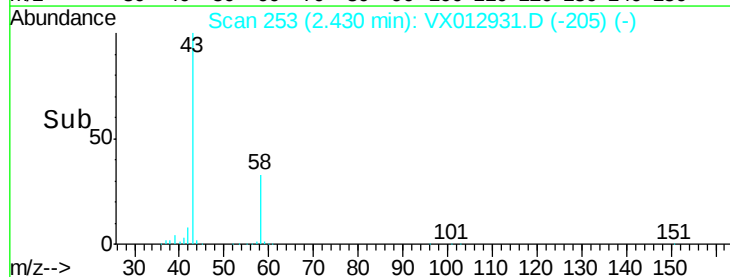
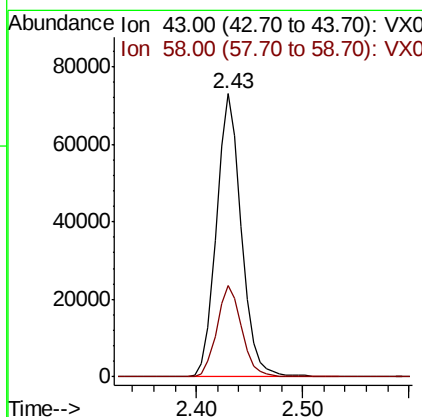
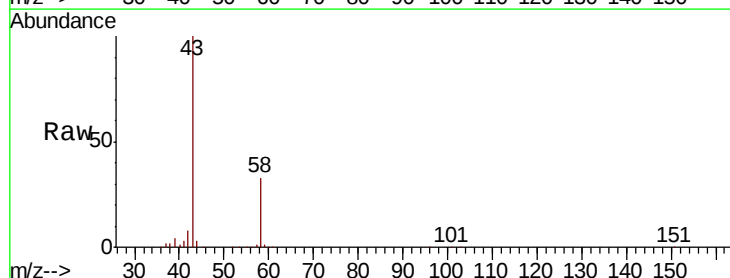
RT: 2.43 min Scan# 253

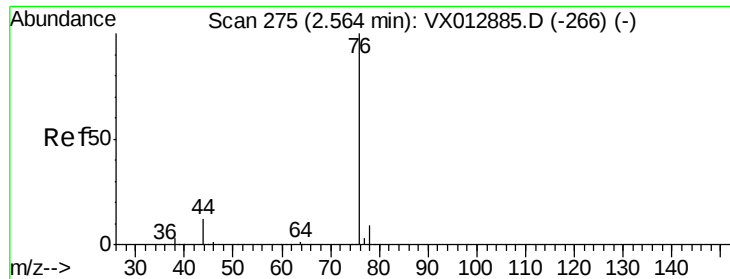
Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion:	43	Resp:	117863
Ion Ratio		Lower	Upper
43	100		
58	32.6	25.4	38.2





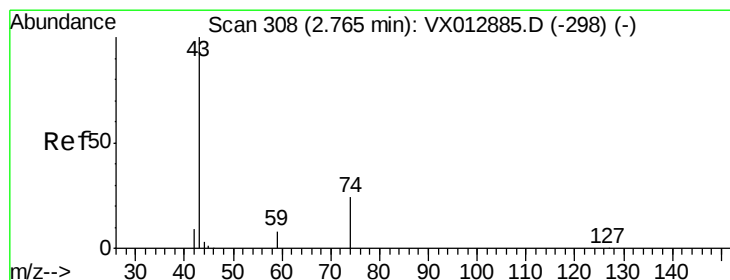
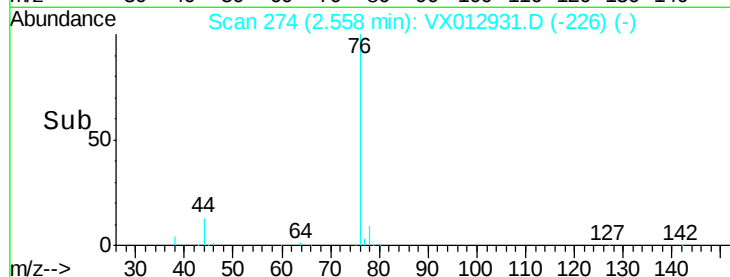
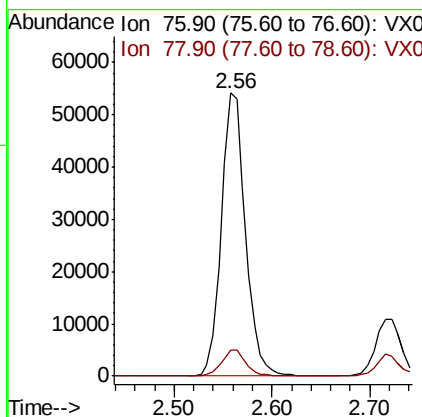
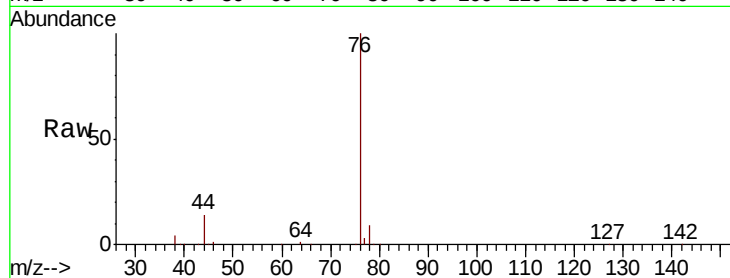
#17
Carbon Disulfide
Concen: 18.011 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

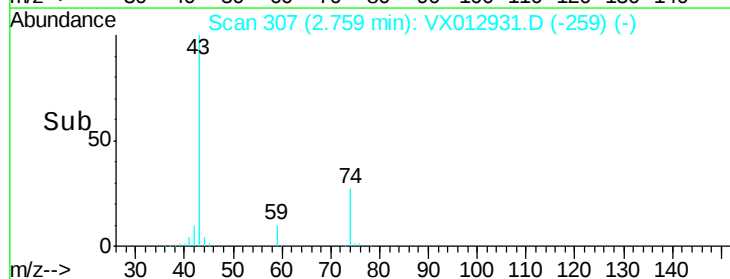
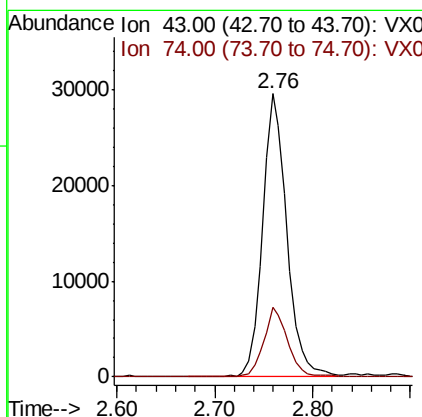
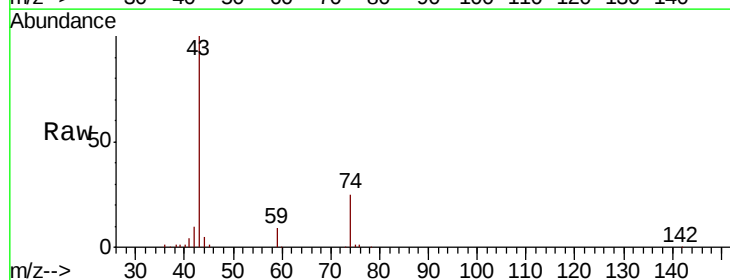
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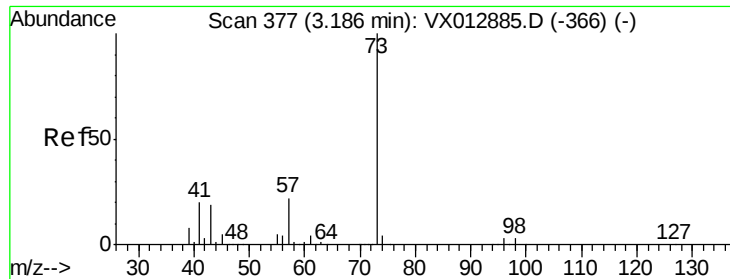
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#18
Methyl Acetate
Concen: 18.507 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.2	28.8





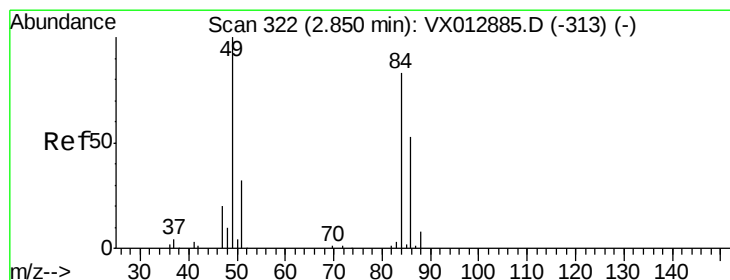
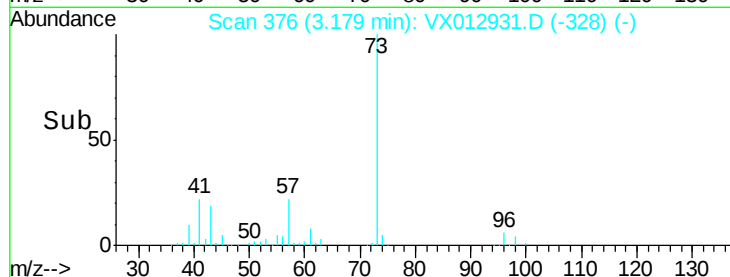
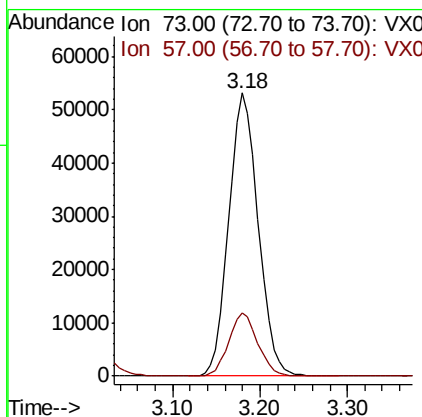
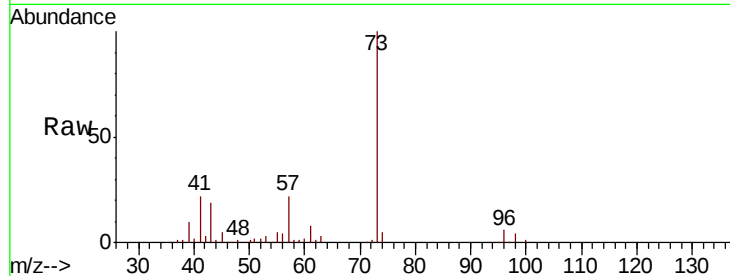
#19
Methvl tert-butvl Ether
Concen: 19.987 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.6

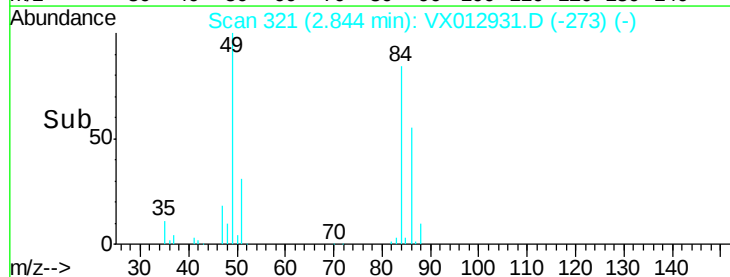
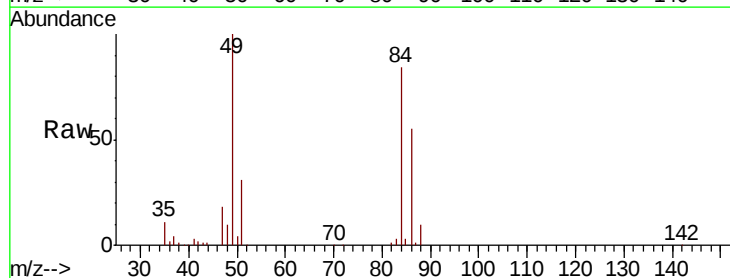
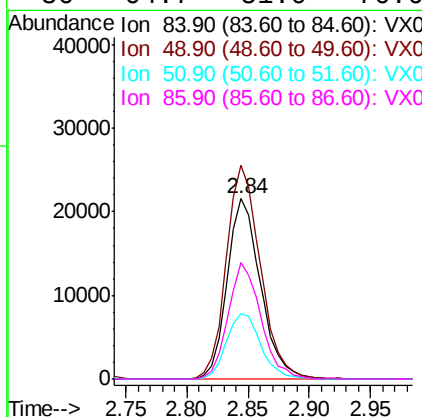
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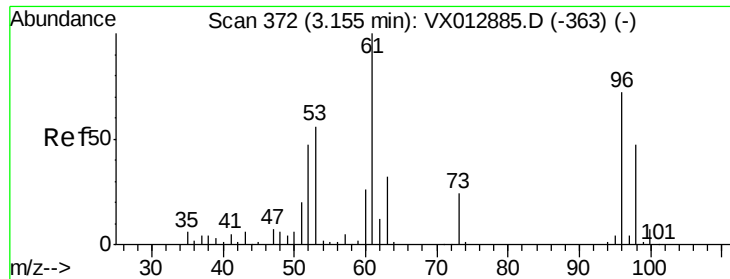
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#20
Methylene Chloride
Concen: 18.833 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	96.6	144.8
51	36.3	30.7	46.1
86	64.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.405 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 96 Resp: 37472

Ion Ratio Lower Upper

96 100

61 147.9 110.4 165.6

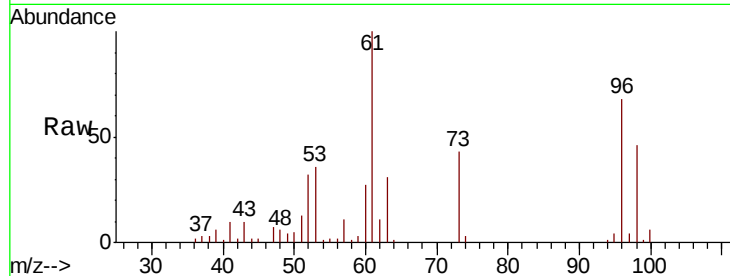
98 68.5 51.5 77.3

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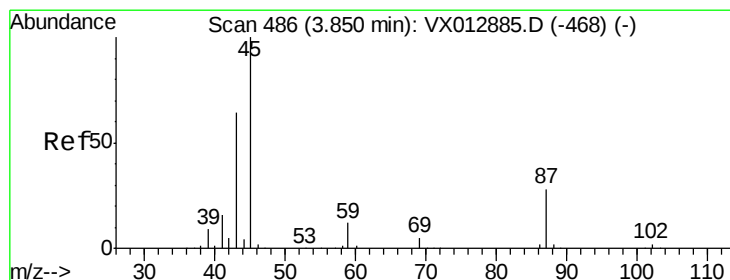
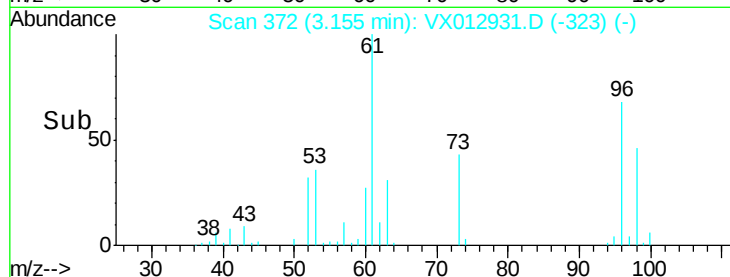
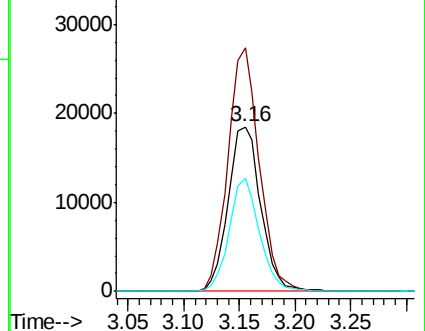
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.389 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion: 45 Resp: 125351

Ion Ratio Lower Upper

45 100

43 64.7 51.4 77.0

87 30.1 22.5 33.7

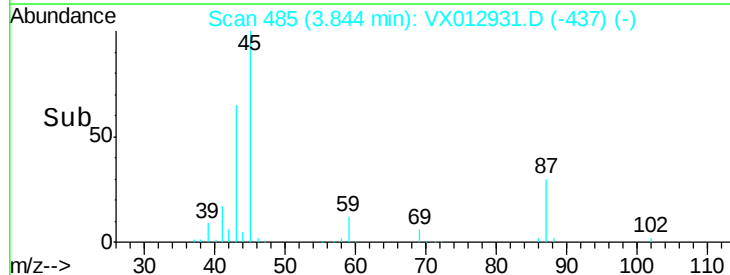
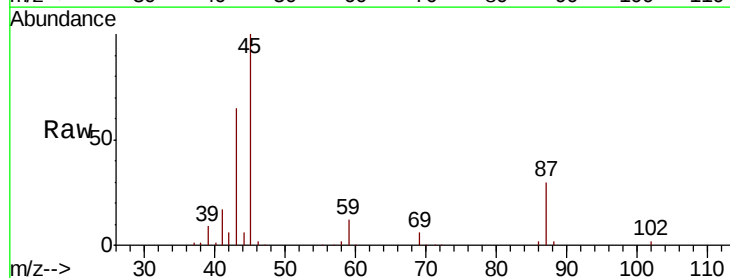
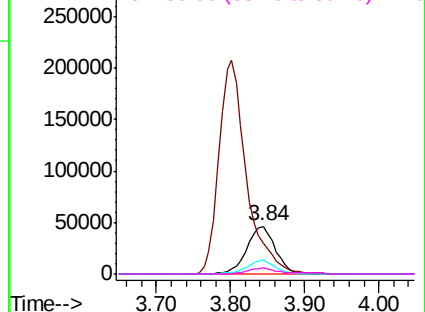
59 12.4 9.7 14.5

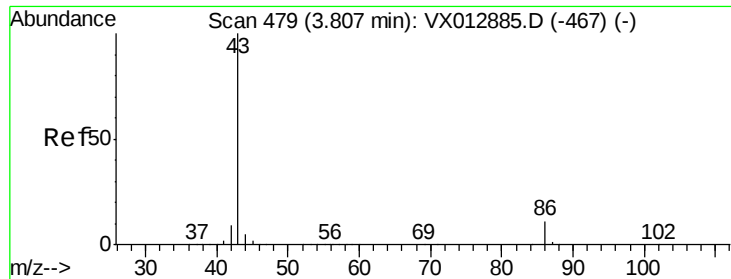
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.075 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 43 Resp: 531145

Ion Ratio Lower Upper

43 100

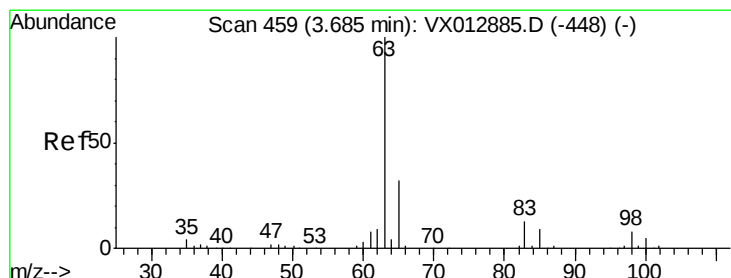
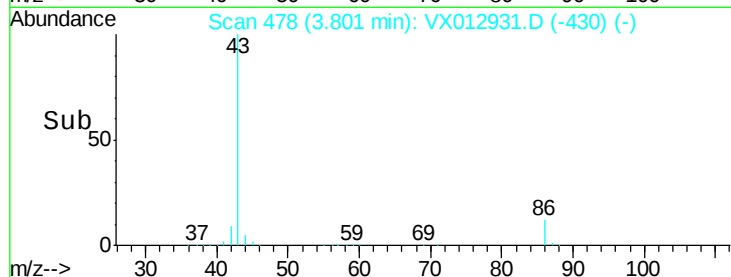
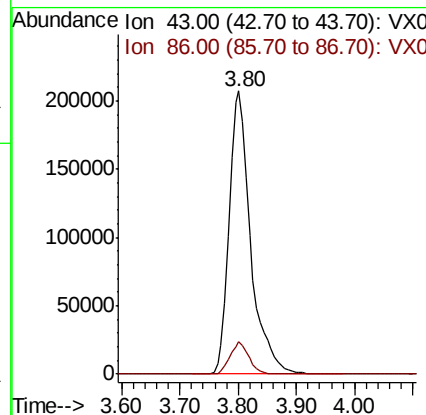
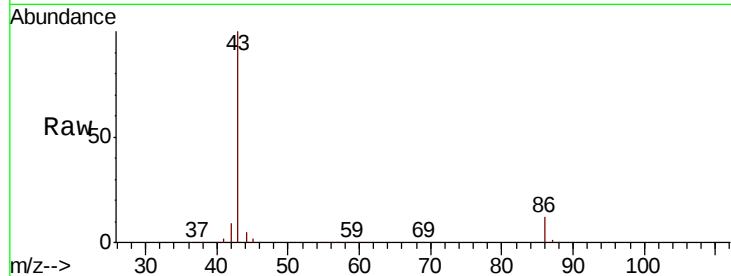
86 11.5 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 20.134 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

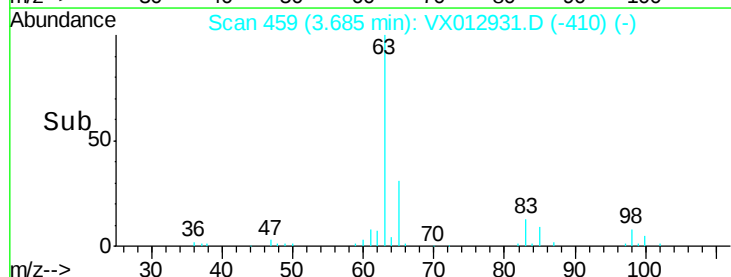
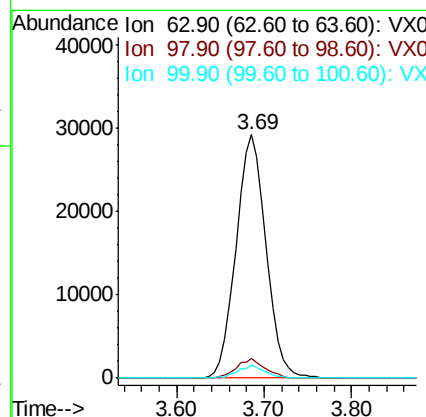
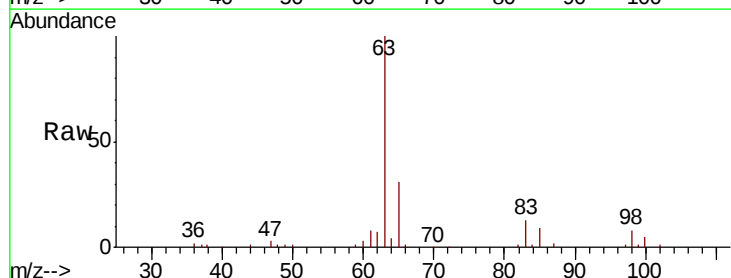
Tgt Ion: 63 Resp: 69638

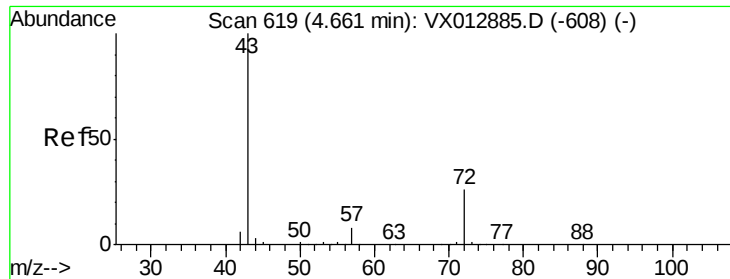
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 5.2 2.3 6.9





#25

2-Butanone

Concen: 98.185 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 43 Resp: 159996

Ion Ratio Lower Upper

43 100

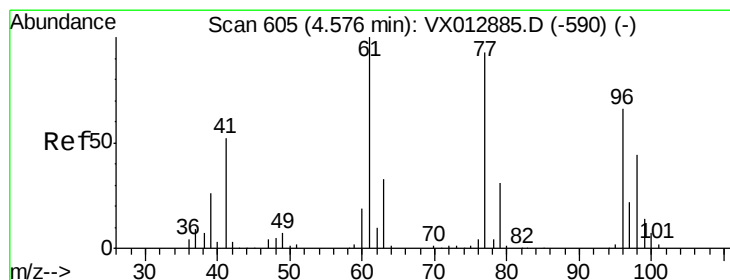
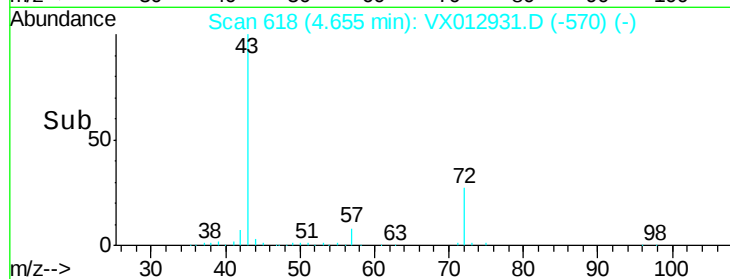
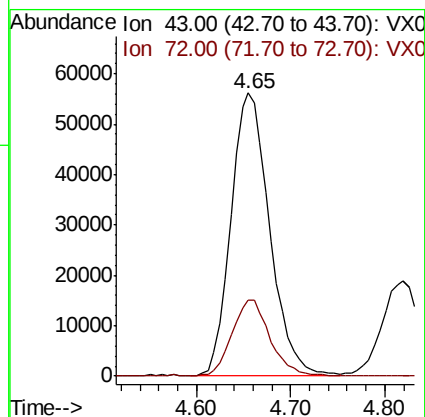
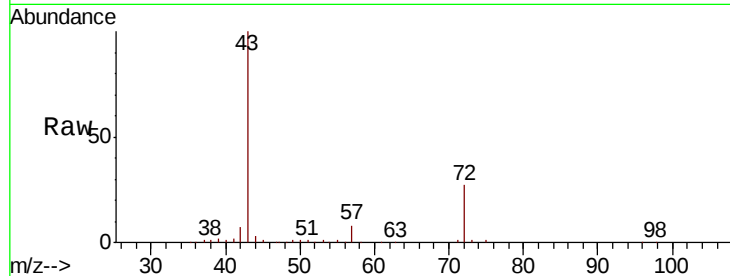
72 26.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.939 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012931.D

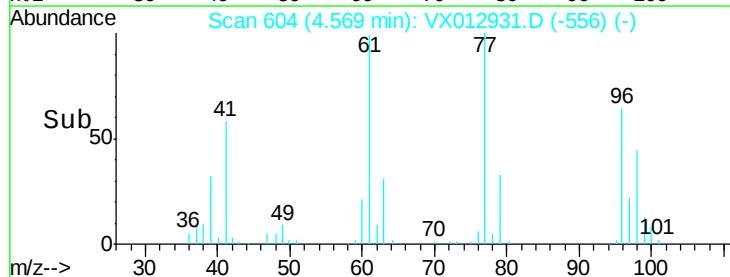
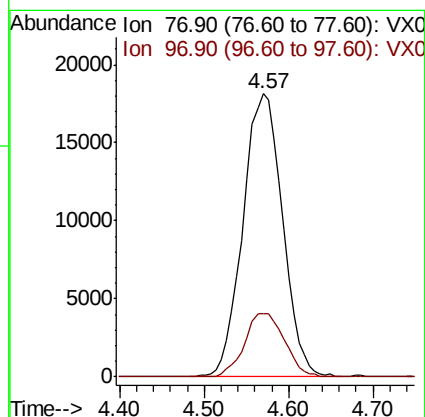
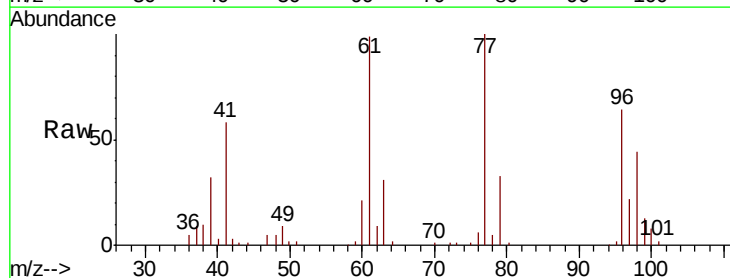
Acq: 09 Oct 2019 10:43

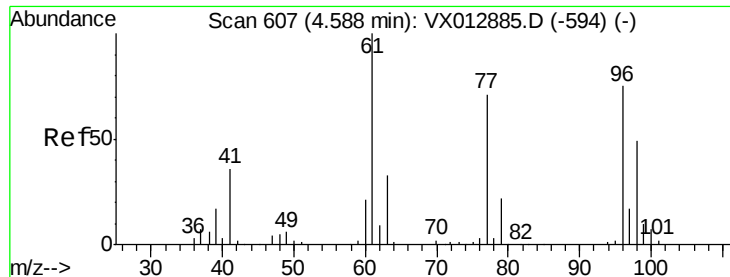
Tgt Ion: 77 Resp: 57993

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

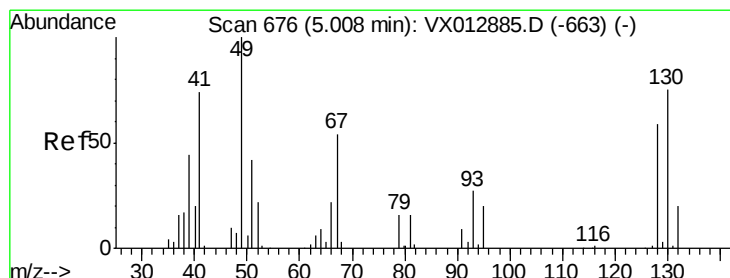
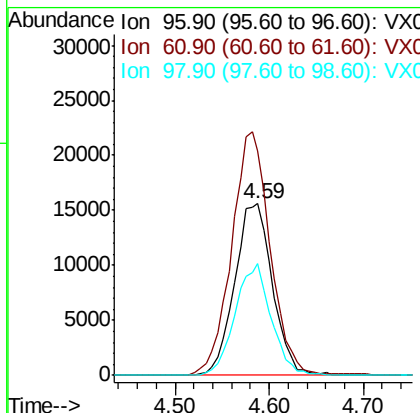
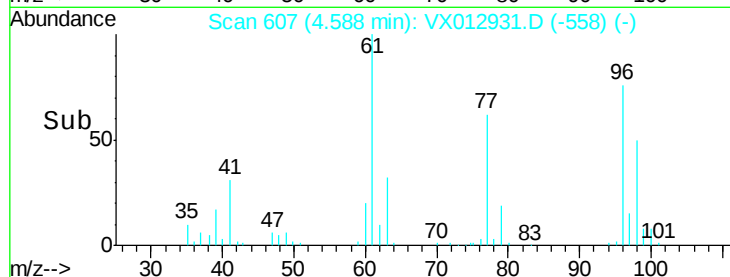
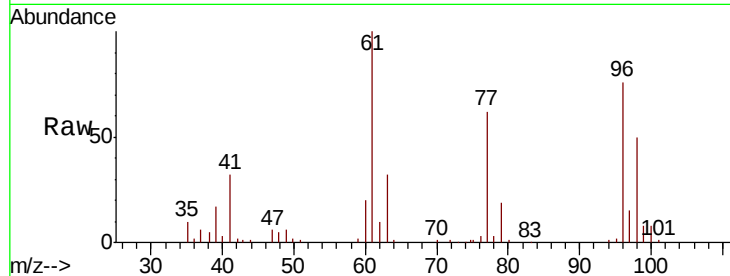
cis-1,2-Dichloroethene
Concen: 19.701 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	43852		
61	143.9		0.0	290.6
98	61.7		0.0	128.8

Manual Integrations
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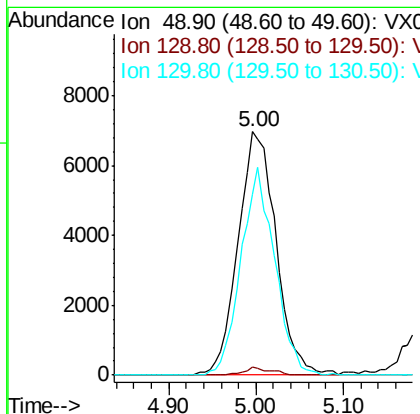
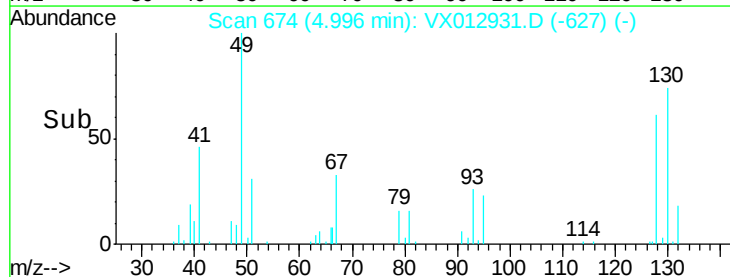
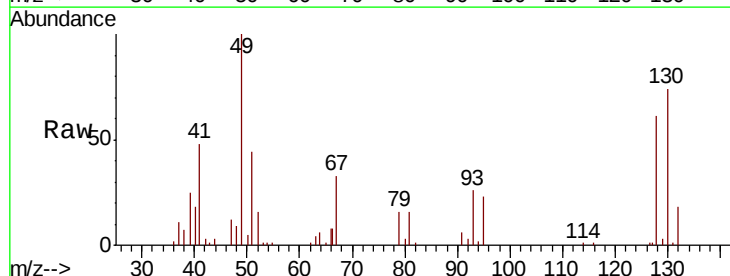
MMDadoda
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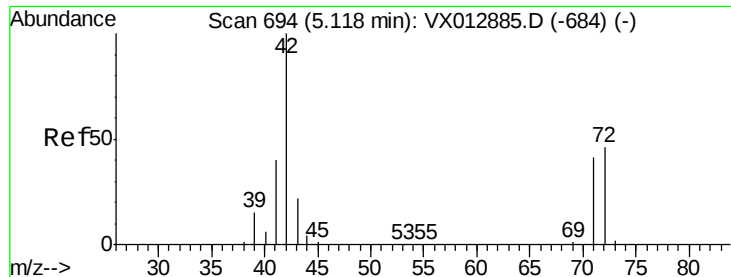


#28

Bromochloromethane
Concen: 20.061 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	21013		
129	2.2		0.0	4.2
130	75.9		62.1	93.1





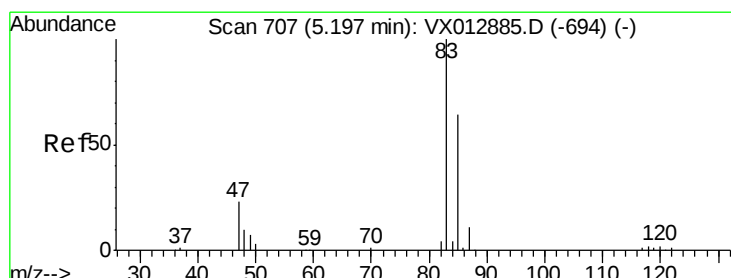
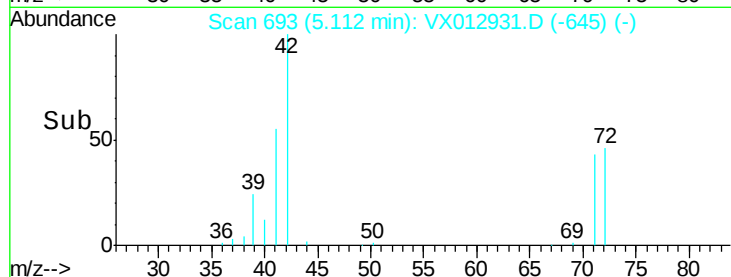
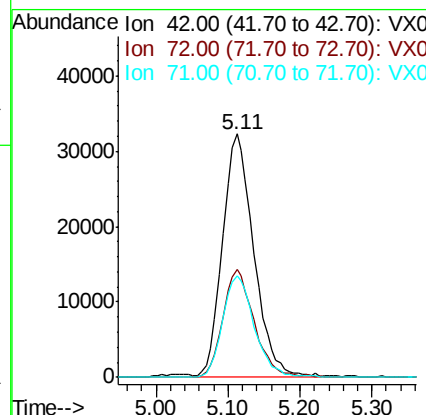
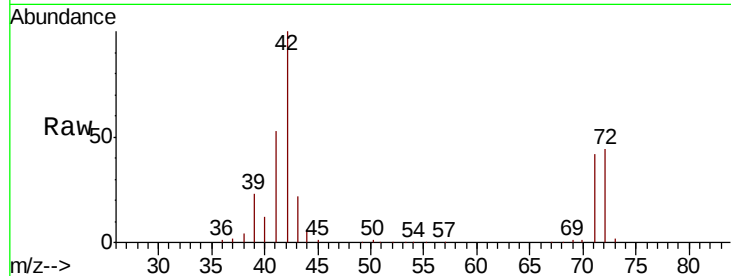
#29
Tetrahydrofuran
Concen: 96.627 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.9	55.3
71	42.2	33.5	50.3

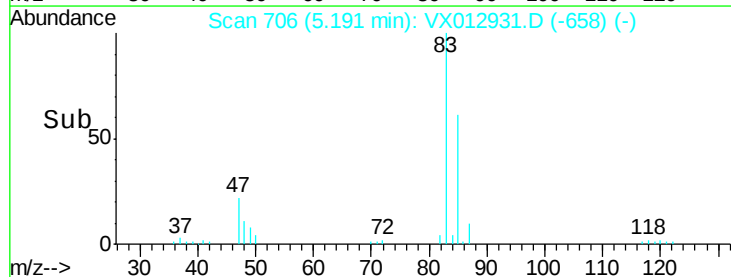
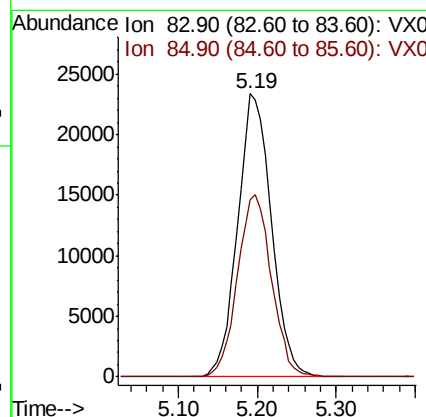
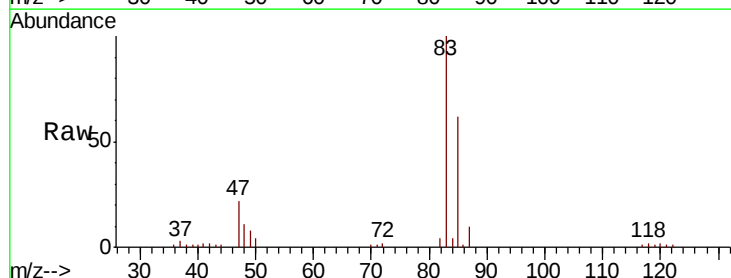
Manual Integrations
APPROVED

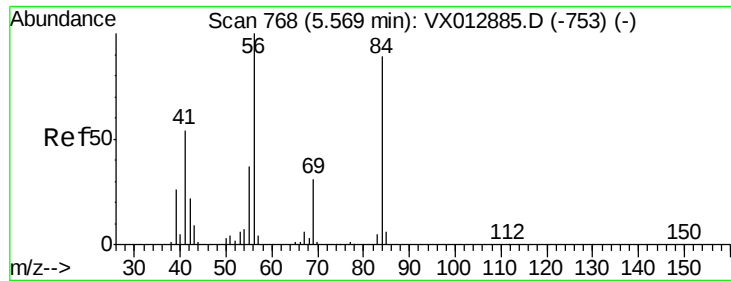
MMDadoda
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#30
Chloroform
Concen: 19.645 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3





#31

Cyclohexane

Concen: 20.167 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

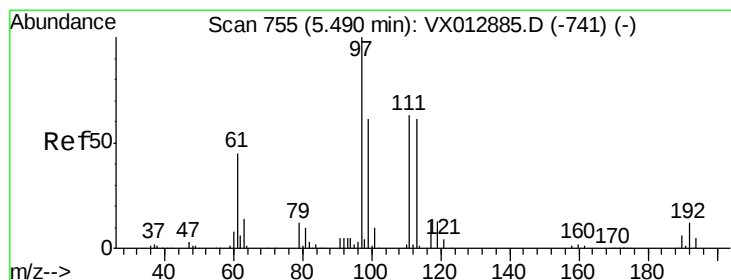
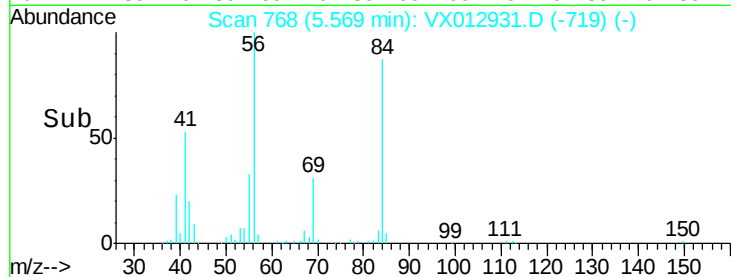
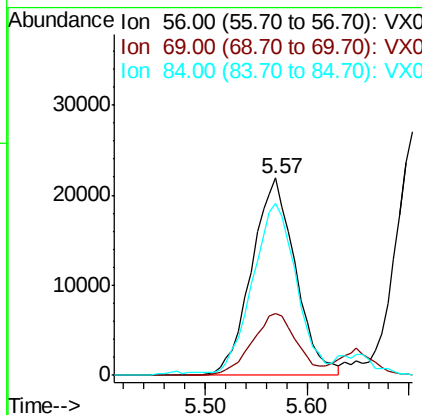
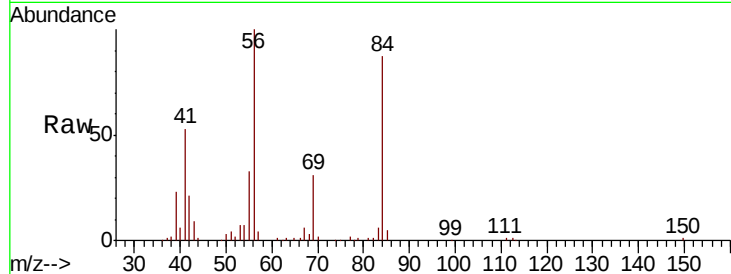
ClientSampleId :

VX1009WBS01

Tot Ion:	56	Resp:	65224
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.2	37.8
84	85.8	71.3	106.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.185 ug/l

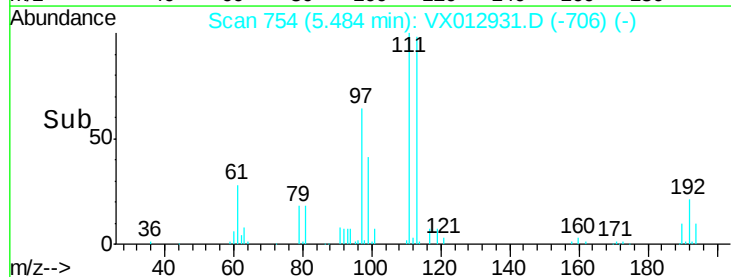
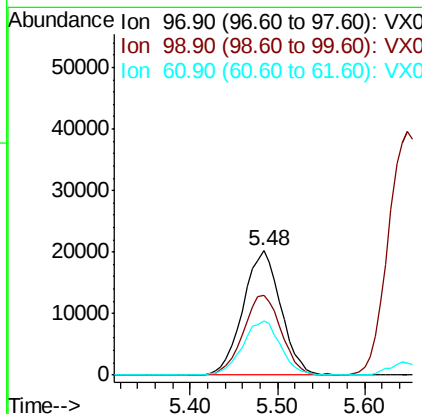
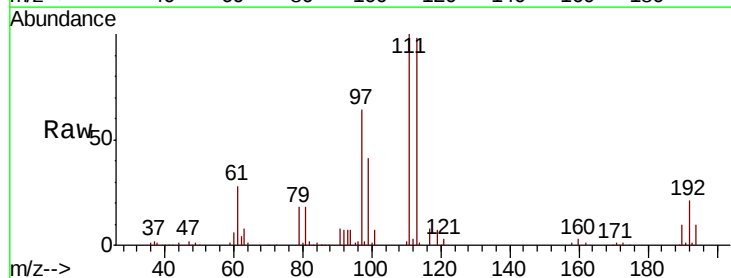
RT: 5.48 min Scan# 754

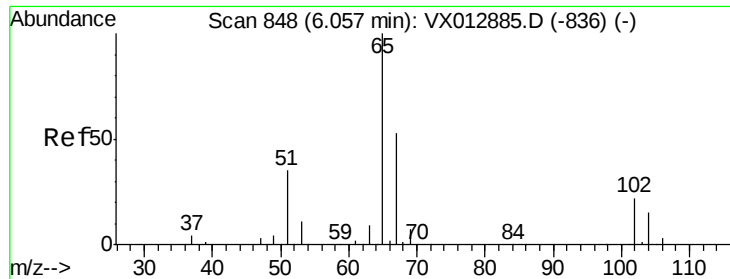
Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion:	97	Resp:	60697
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.3	78.5
61	43.5	35.0	52.4





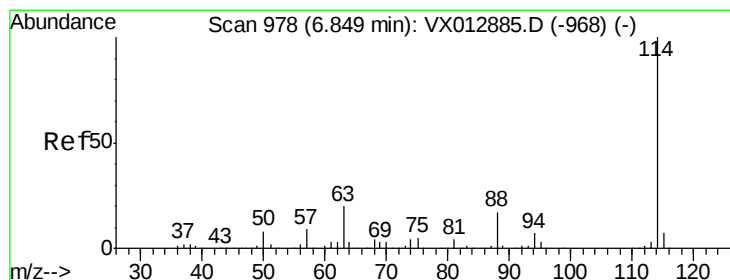
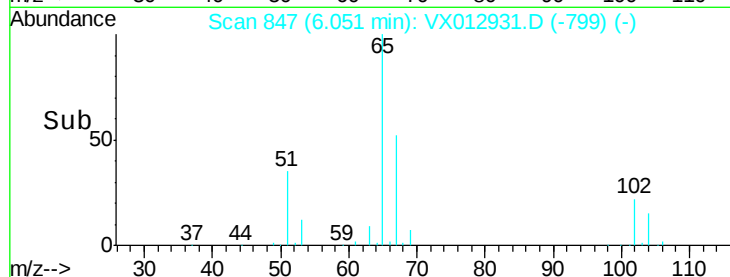
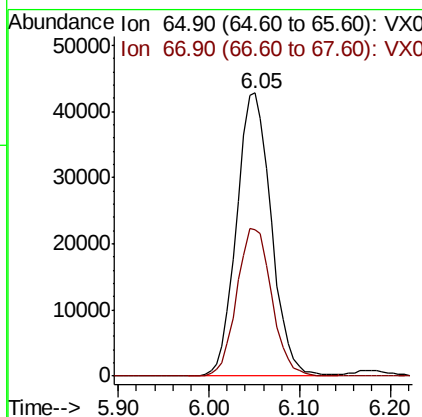
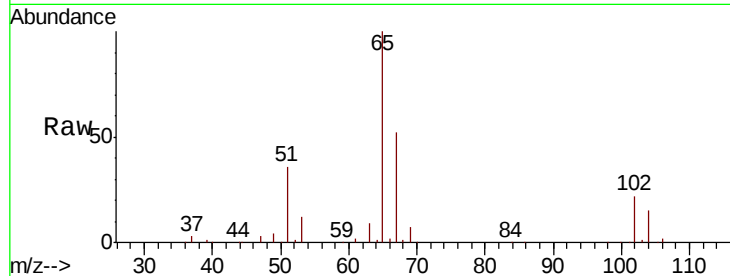
#33
 1,2-Dichloroethane-d4
 Concen: 50.973 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113586		
67	52.3	0.0	104.4	

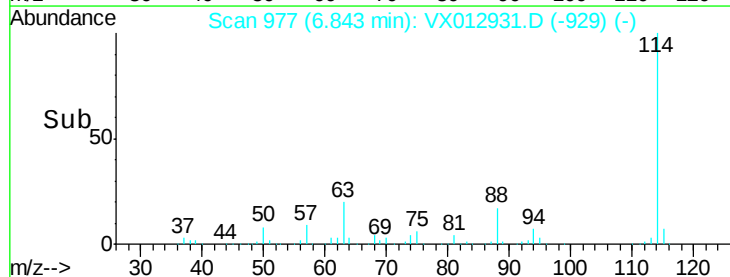
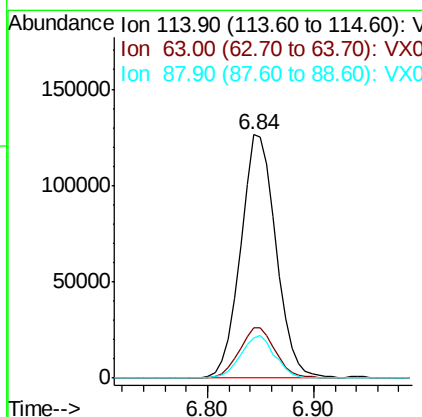
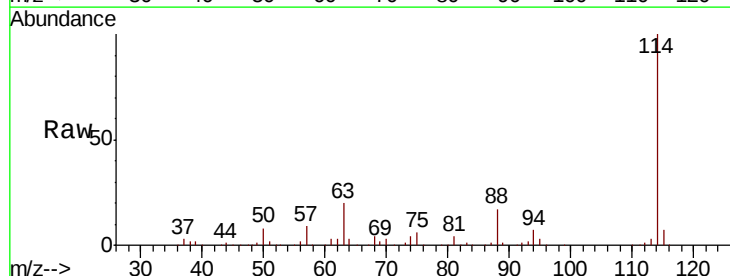
Manual Integrations
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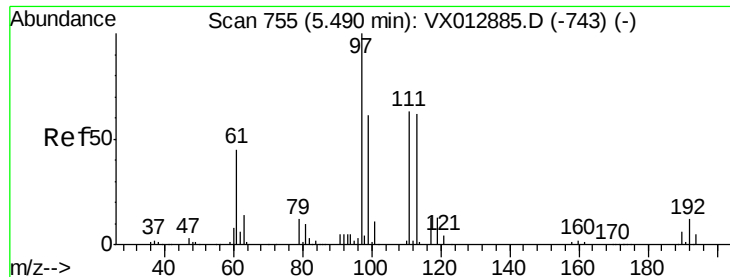
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 10/10/2019 9:33:06 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	295078		
63	20.4	0.0	40.8	
88	16.7	0.0	33.8	





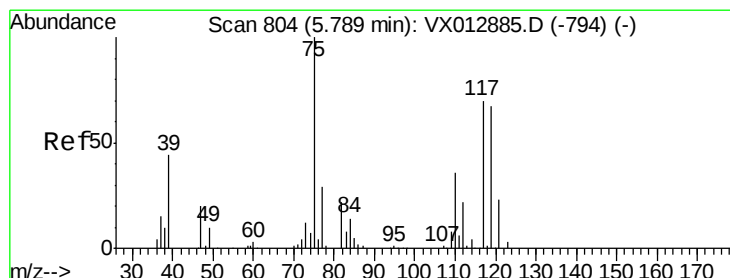
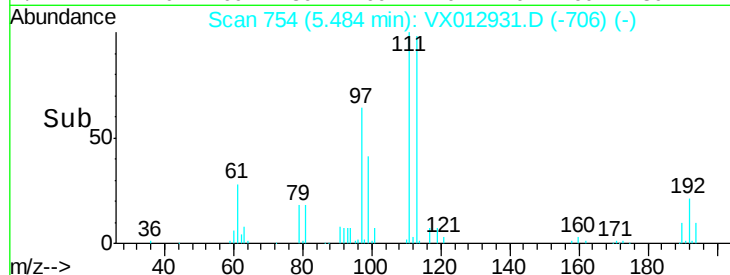
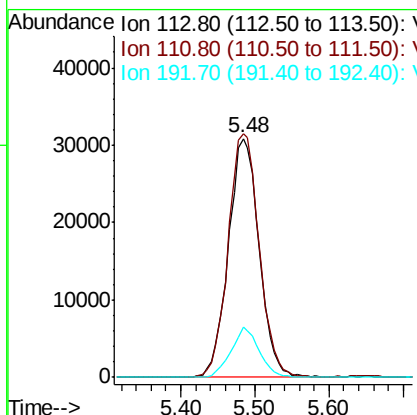
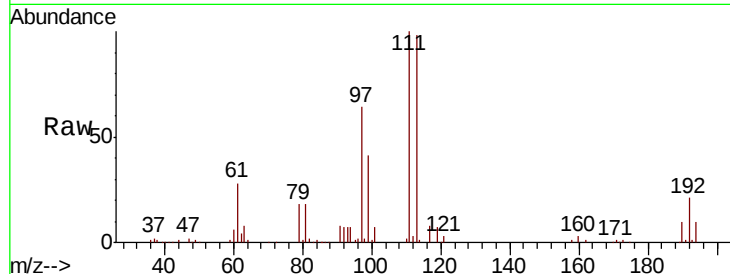
#35
 Dibromofluoromethane
 Concen: 52.703 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89257		
111	102.8	83.2	124.8	
192	19.2	15.4	23.2	

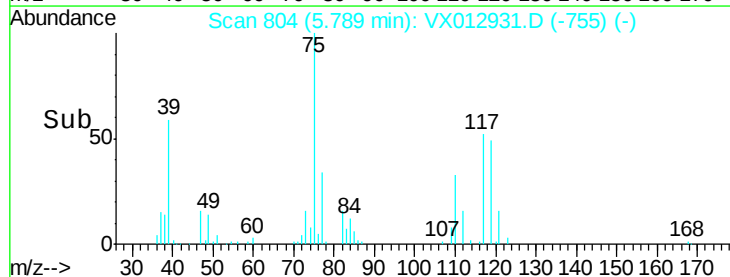
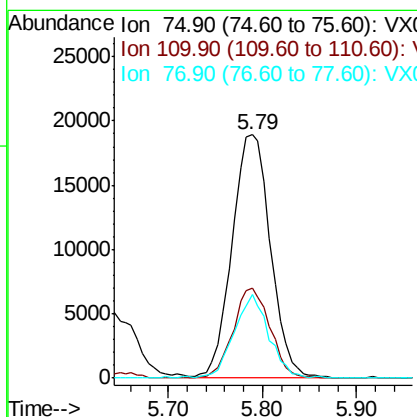
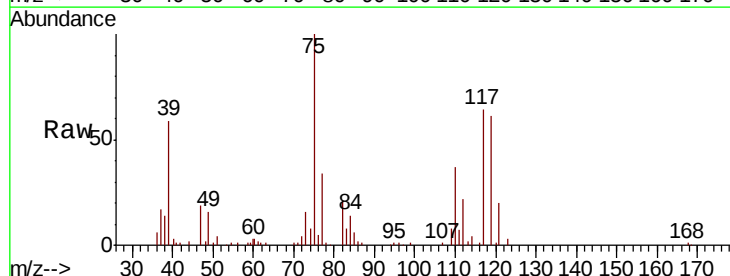
Manual Integrations
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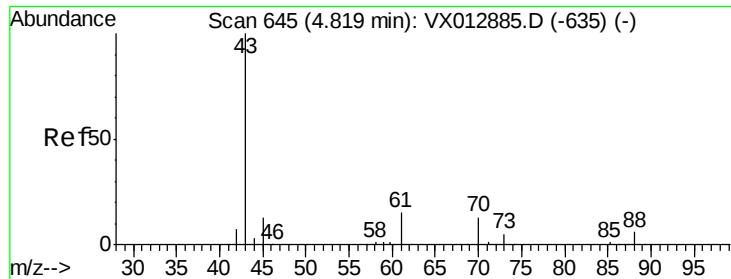
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#36
 1,1-Dichloropropene
 Concen: 20.730 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53781		
110	35.3	17.6	52.9	
77	30.9	24.4	36.6	





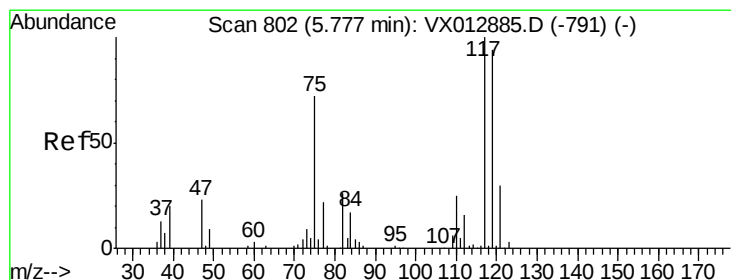
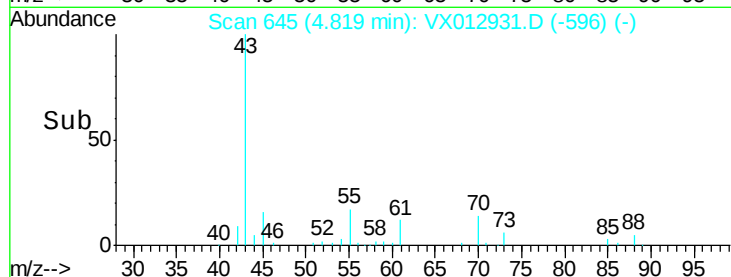
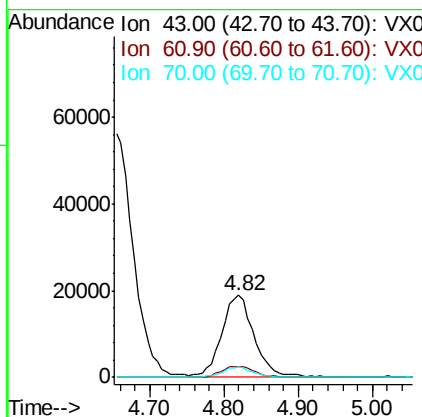
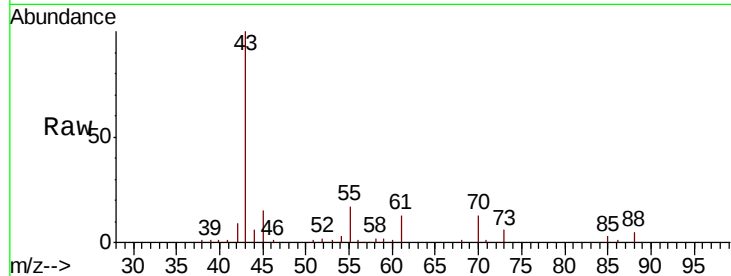
#37
Ethyl Acetate
Concen: 19.609 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	12.1	9.8	14.6

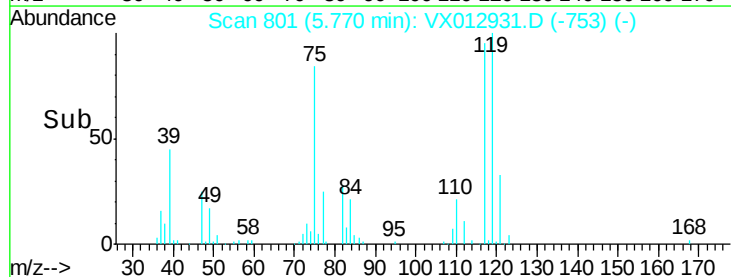
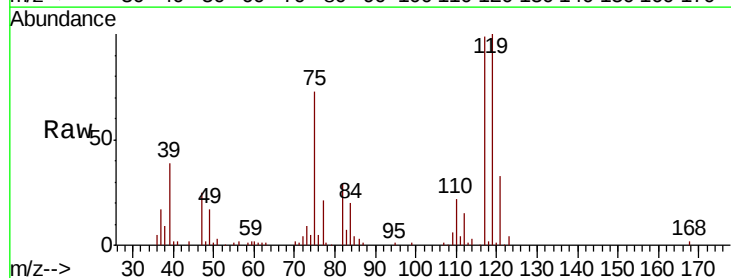
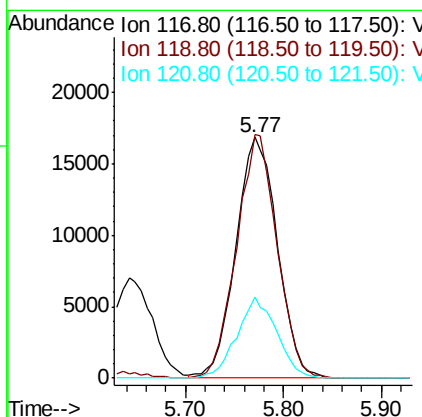
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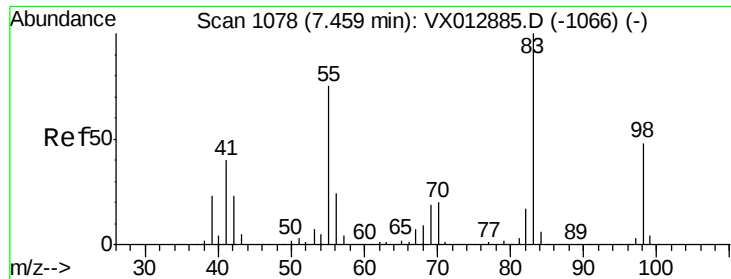
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#38
Carbon Tetrachloride
Concen: 19.662 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.1	74.5	111.7
121	33.8	24.2	36.4





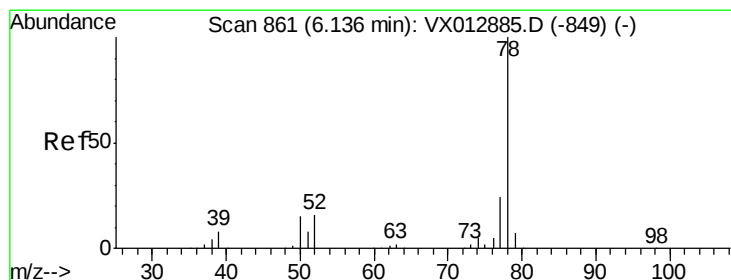
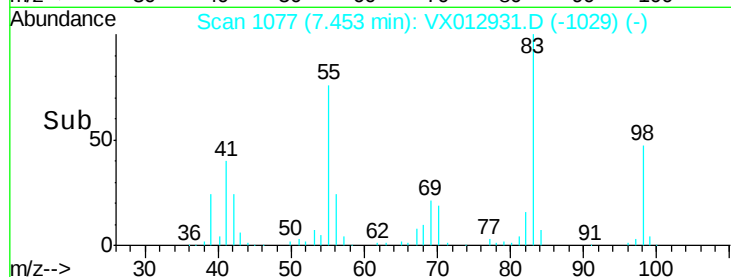
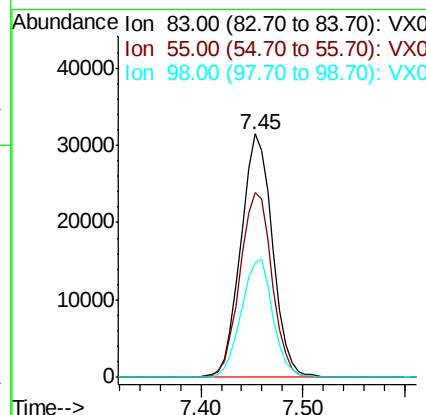
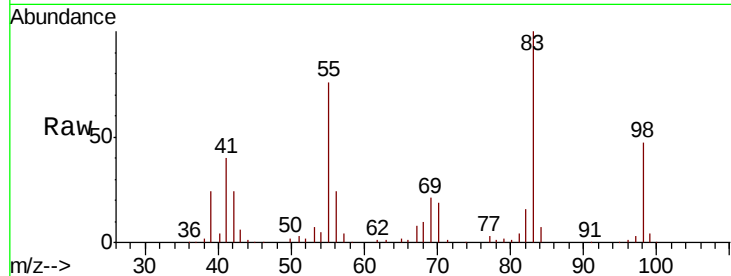
#39
Methvlcvclohexane
Concen: 21.539 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.2	90.4
98	47.2	38.5	57.7

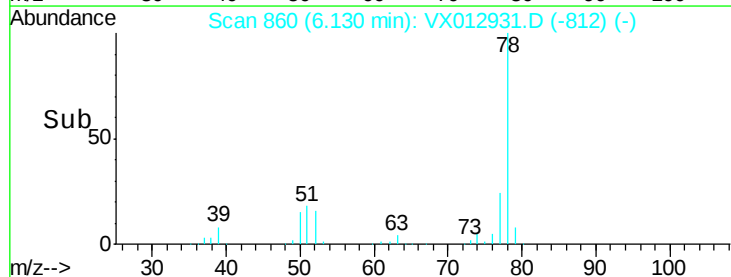
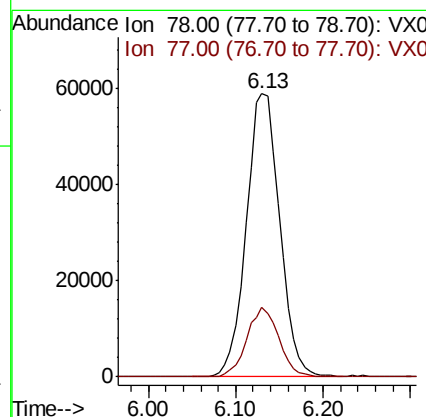
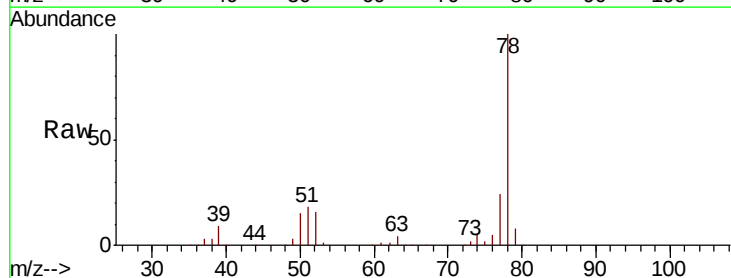
Manual Integrations
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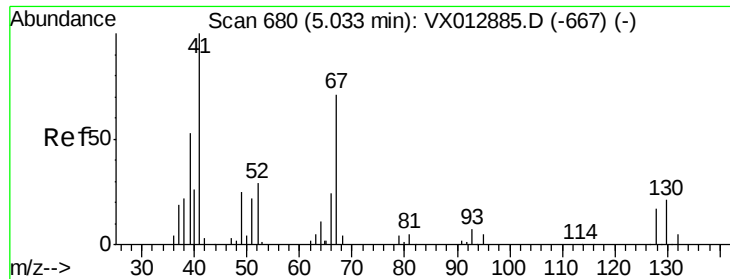
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#40
Benzene
Concen: 20.443 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





#41

Methacrylonitrile

Concen: 19.289 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS01

Tot Ion: 41 Resp: 30748

Ion Ratio Lower Upper

41 100

39 55.2 44.0 66.0

67 74.3 58.5 87.7

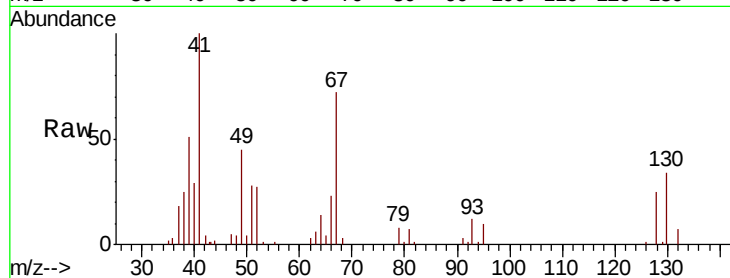
52 30.4 23.8 35.8

Manual Integrations

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10/10/2019 9:33:06 AM



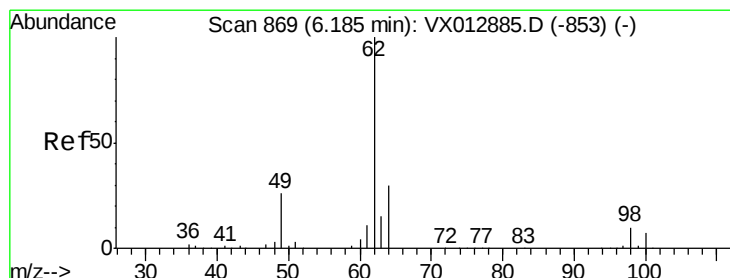
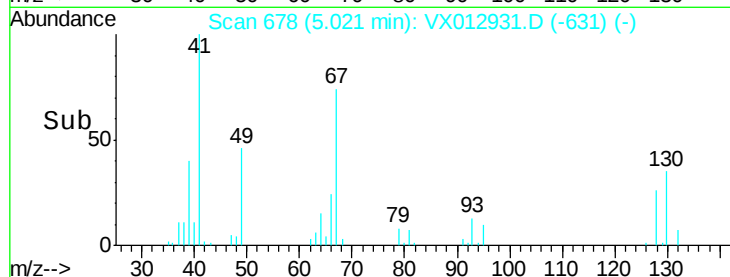
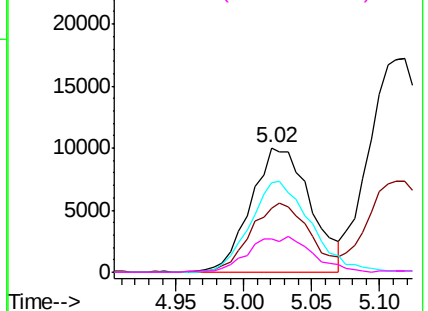
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.648 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012931.D

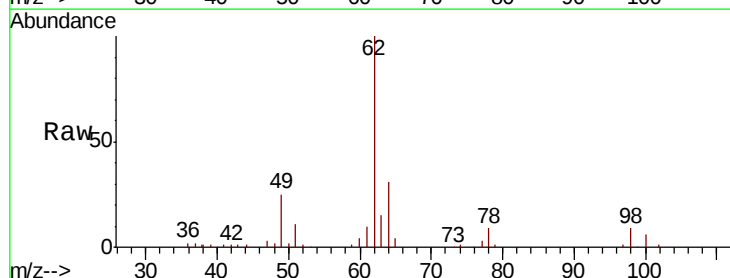
Acq: 09 Oct 2019 10:43

Tgt Ion: 62 Resp: 56773

Ion Ratio Lower Upper

62 100

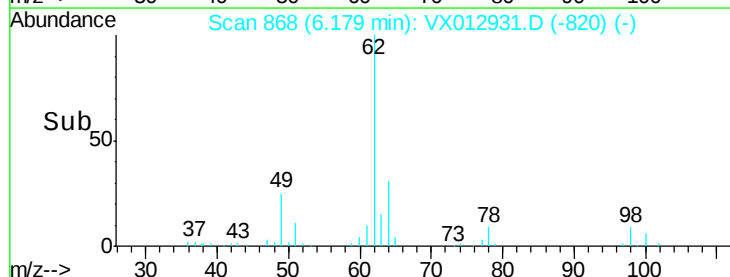
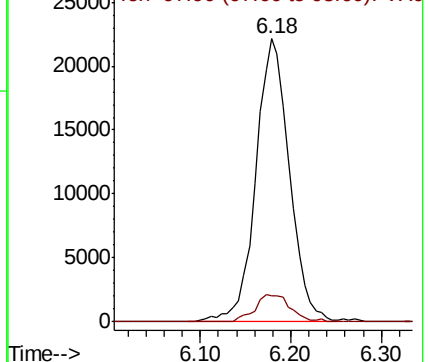
98 10.1 0.0 20.4

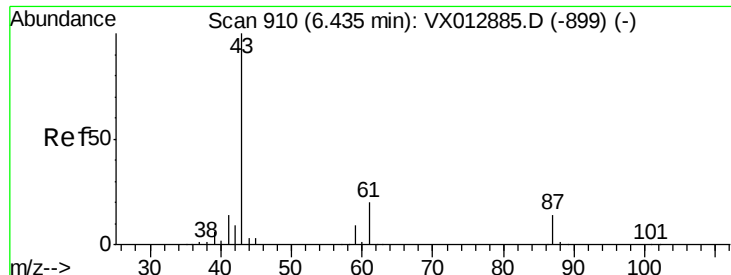


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

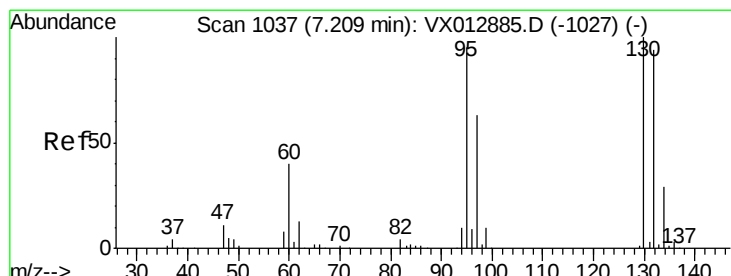
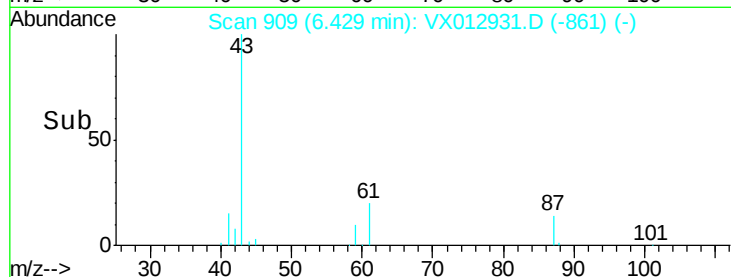
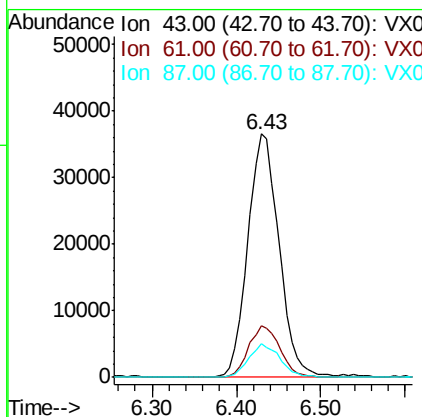
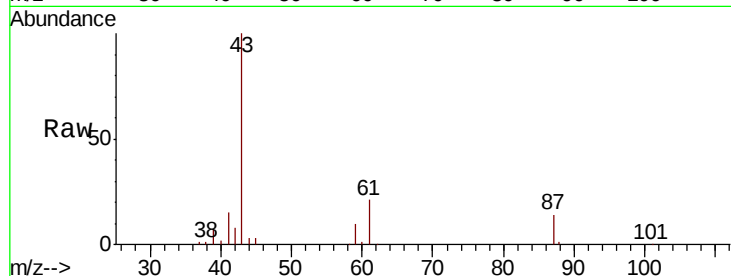
Isopropyl Acetate
 Concen: 19.798 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.6	24.8
87	13.9	11.0	16.6

Manual Integrations
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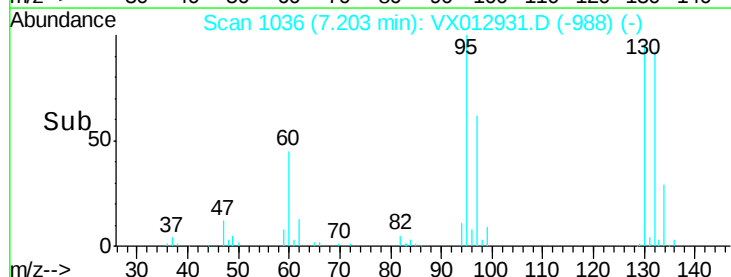
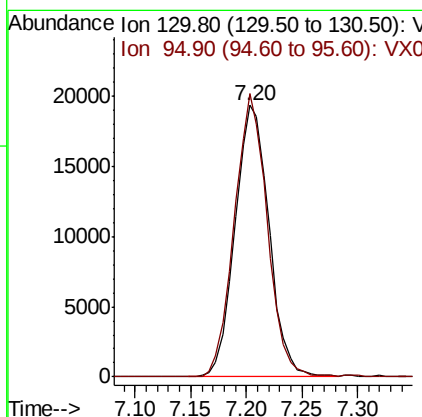
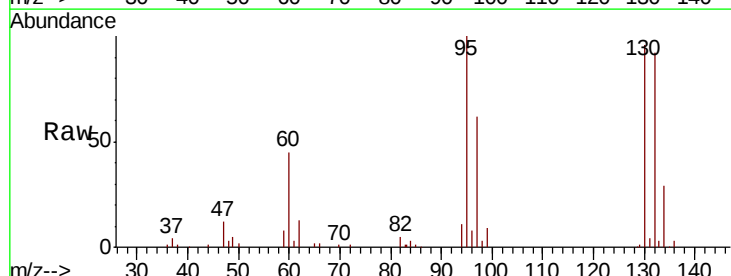
MMDadoda
 10/10/2019 9:33:06 AM

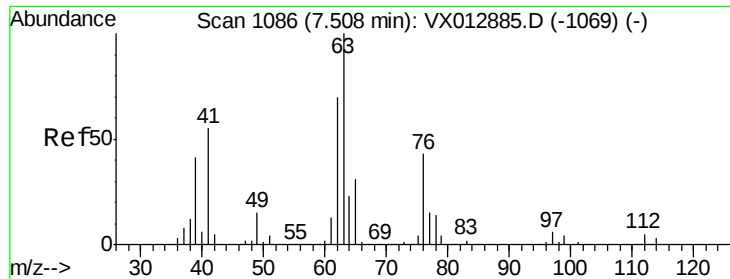


#44

Trichloroethene
 Concen: 19.313 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	189.2





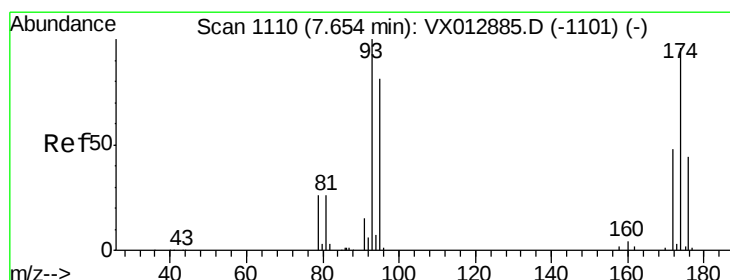
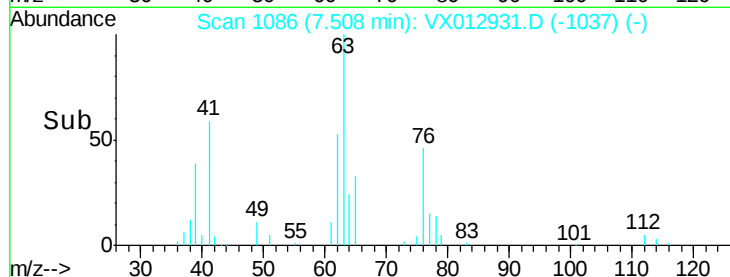
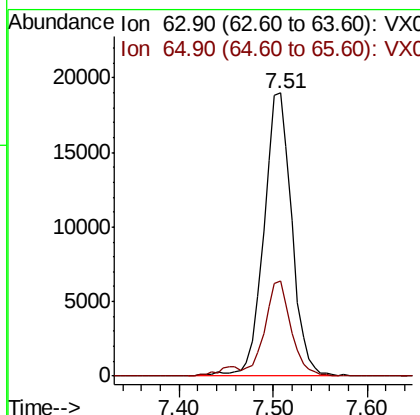
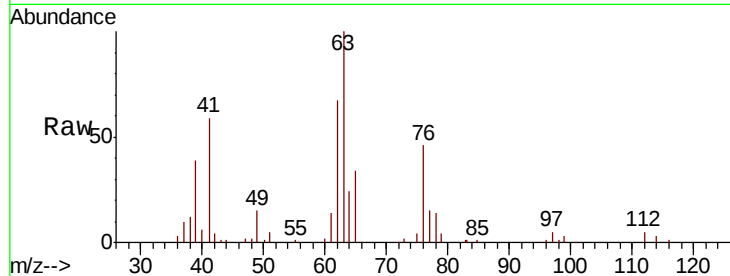
#45
 1,2-Dichloropropane
 Concen: 20.207 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 63 Resp: 39462
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.6 37.0

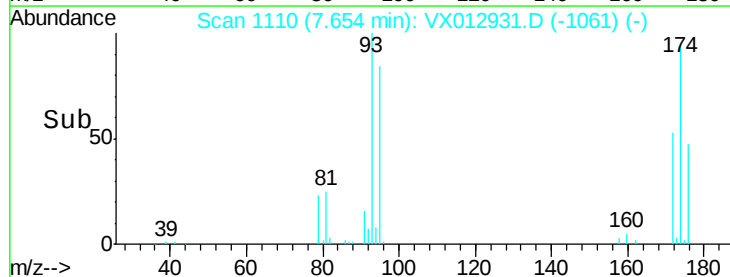
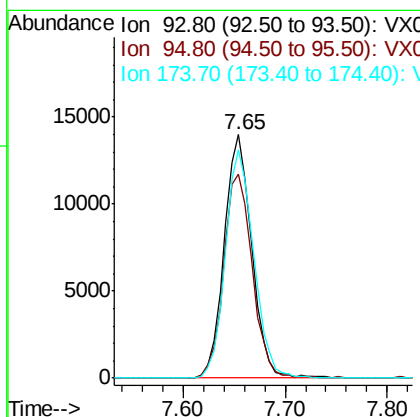
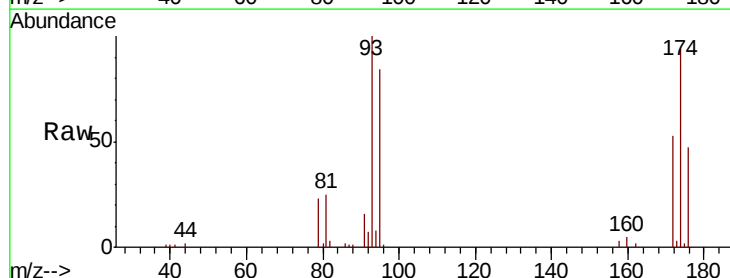
Manual Integrations
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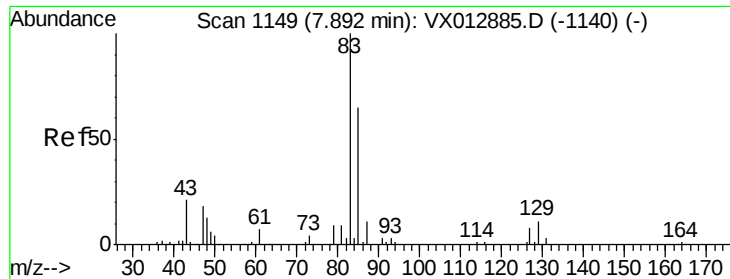
MMDadoda
 10/10/2019 9:33:06 AM



#46
 Dibromomethane
 Concen: 20.028 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion: 93 Resp: 26059
 Ion Ratio Lower Upper
 93 100
 95 87.2 66.3 99.5
 174 96.2 77.8 116.6





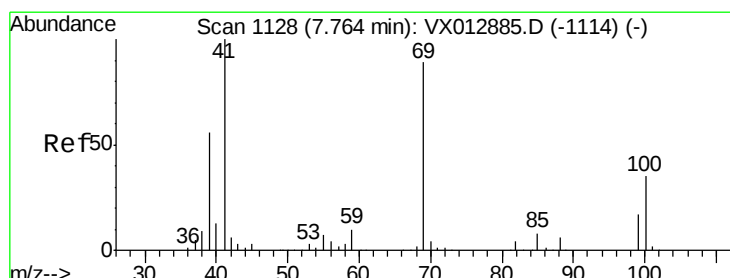
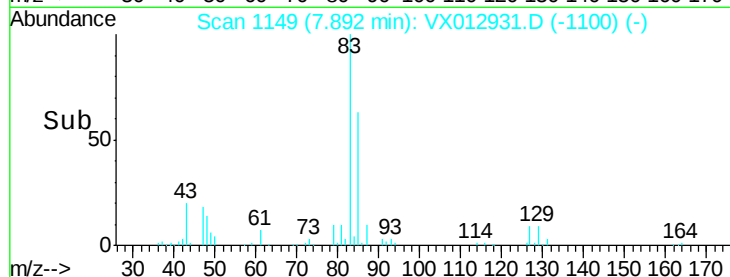
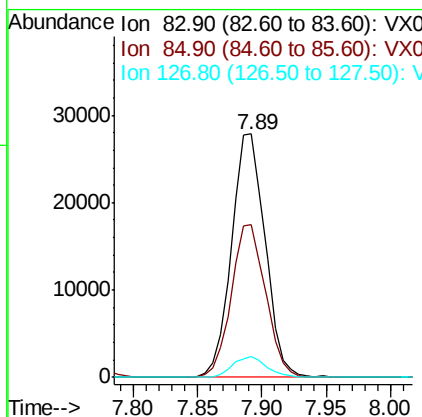
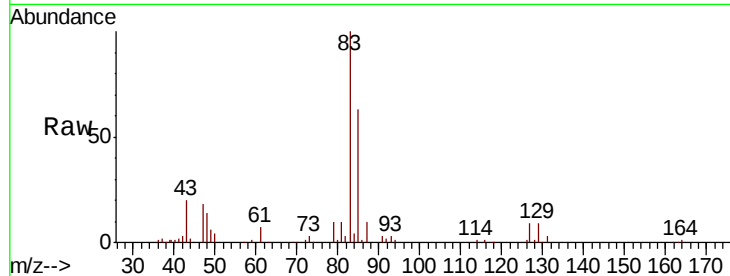
#47
Bromodichloromethane
Concen: 19.937 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	83	Resp	50623
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	52.4	78.6
127	8.6	6.6	10.0

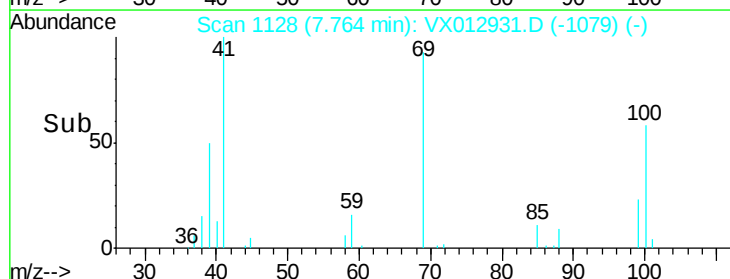
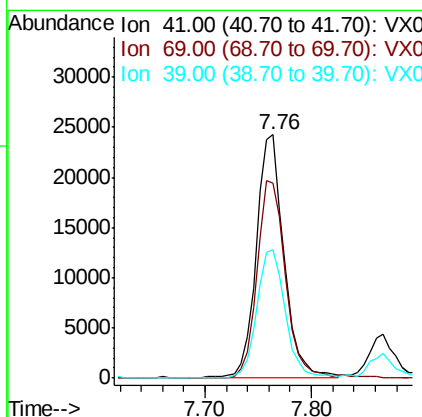
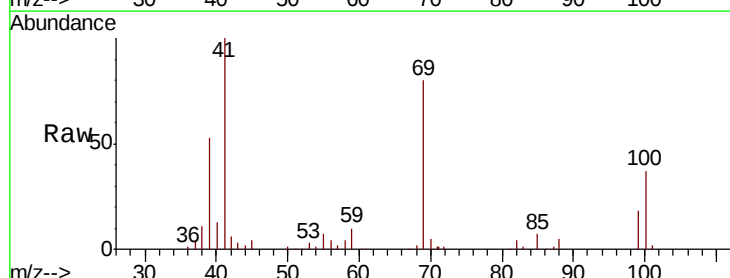
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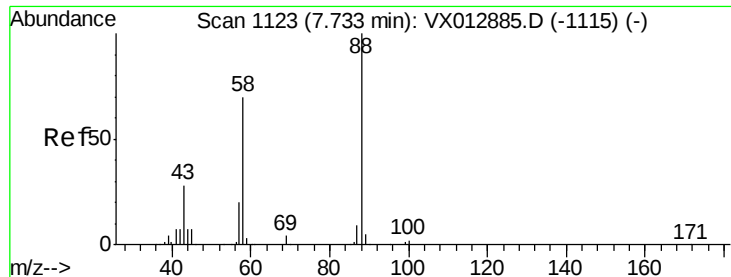
MMDadoda
10/10/2019 9:33:06 AM



#48
Methyl methacrylate
Concen: 19.588 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	41	Resp	44445
Ion Ratio	100	Lower	Upper
41	100		
69	83.3	68.7	103.1
39	54.4	44.3	66.5





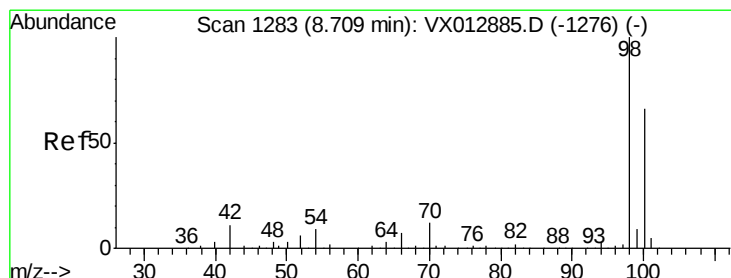
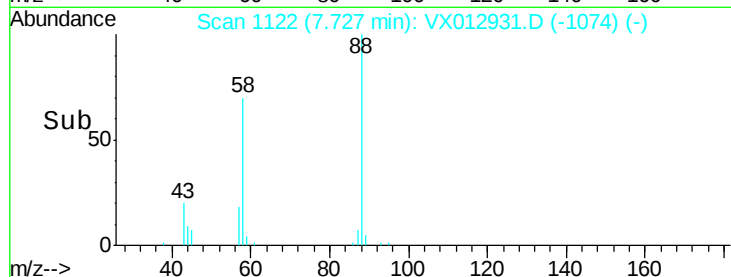
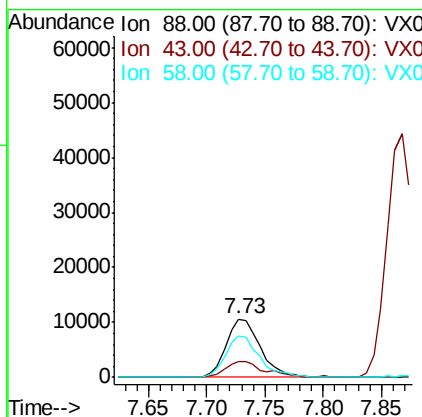
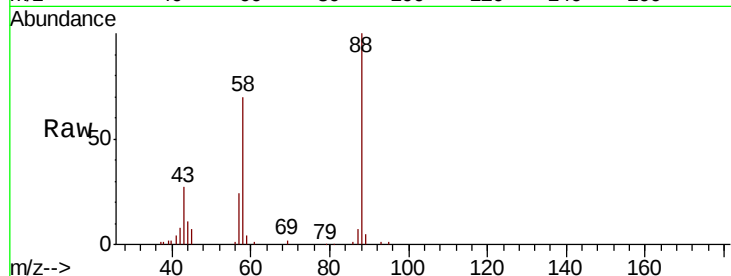
#49
1,4-Dioxane
Concen: 379.660 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.0	37.6
58	70.4	55.4	83.2

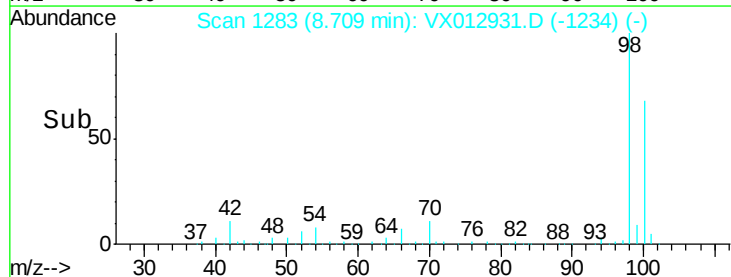
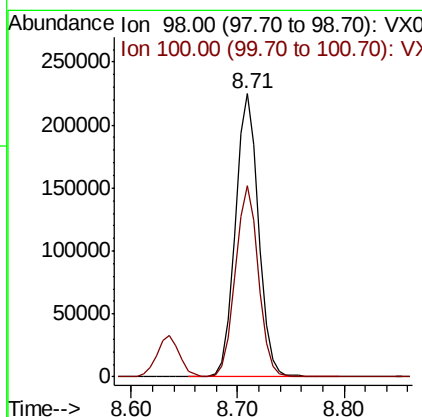
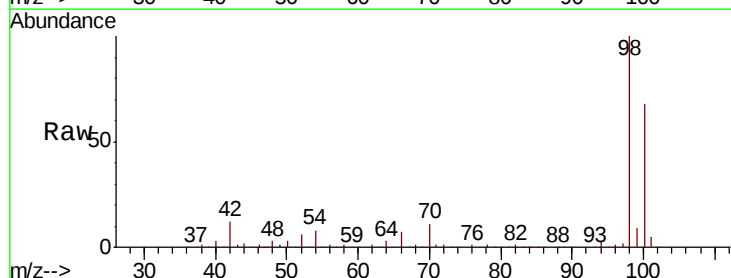
Manual Integrations
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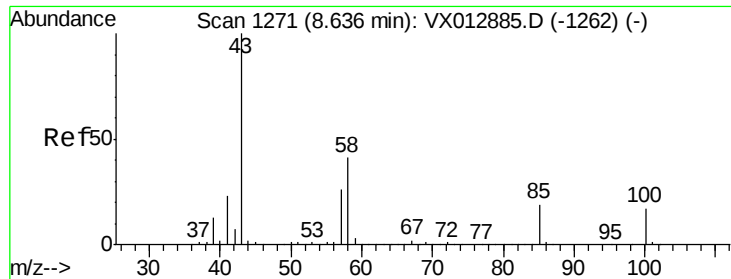
MMDadoda
10/10/2019 9:33:06 AM



#50
Toluene-d8
Concen: 52.124 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 99.811 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 43 Resp: 289753

Ion Ratio Lower Upper

43 100

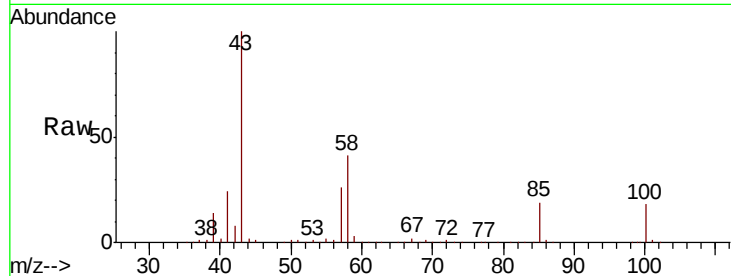
58 40.3 32.4 48.6

Manual Integrations

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MMDadoda

10/10/2019 9:33:06 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

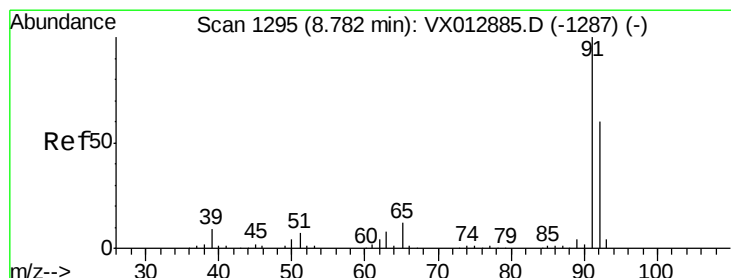
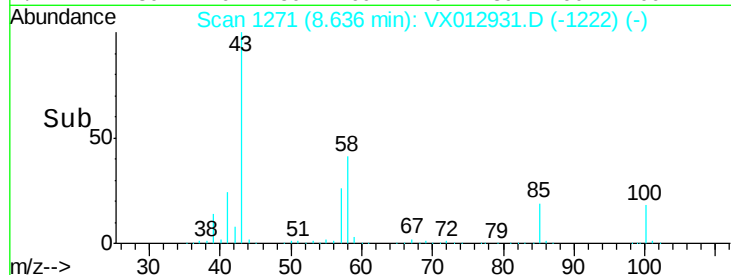
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.504 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012931.D

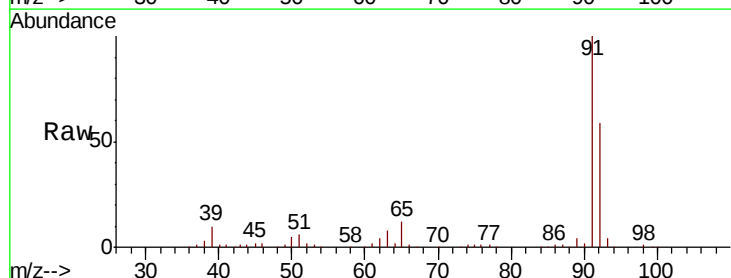
Acq: 09 Oct 2019 10:43

Tgt Ion: 92 Resp: 100511

Ion Ratio Lower Upper

92 100

91 168.2 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

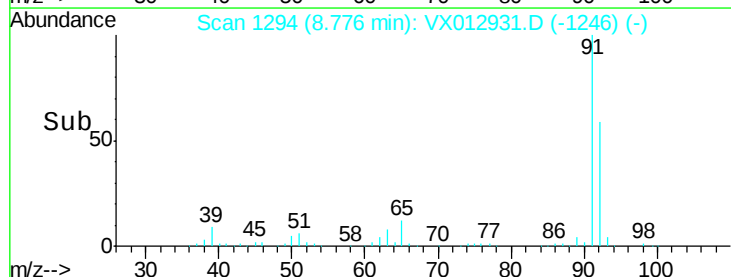
60000

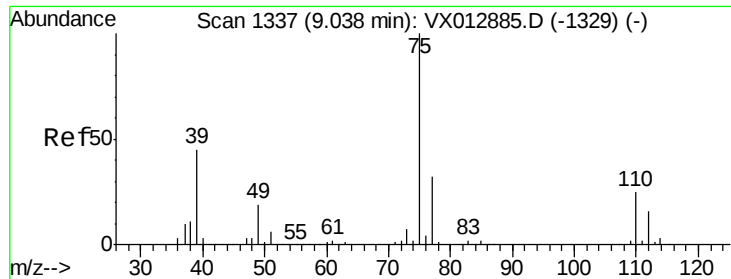
40000

20000

0

Time-->





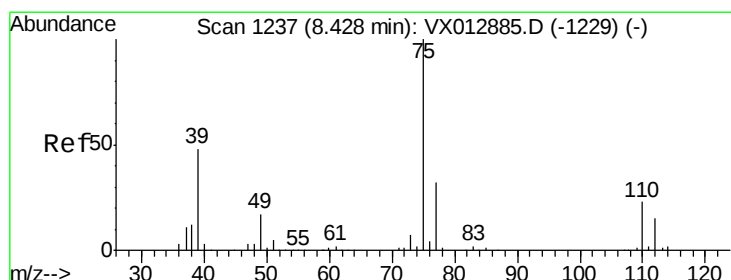
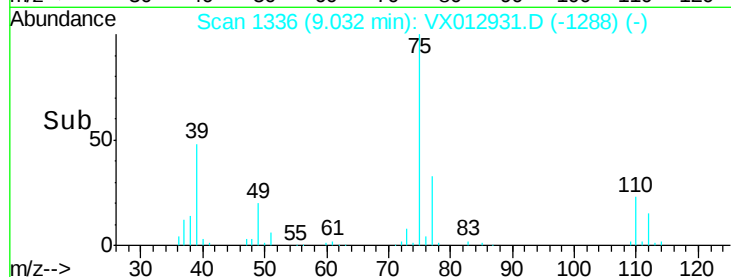
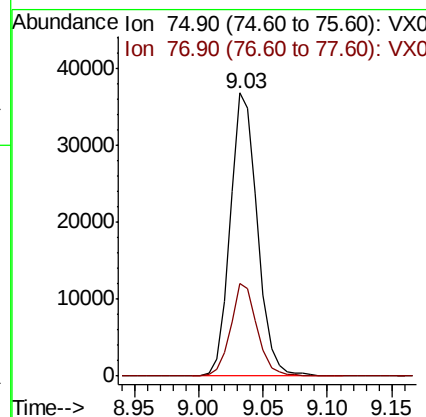
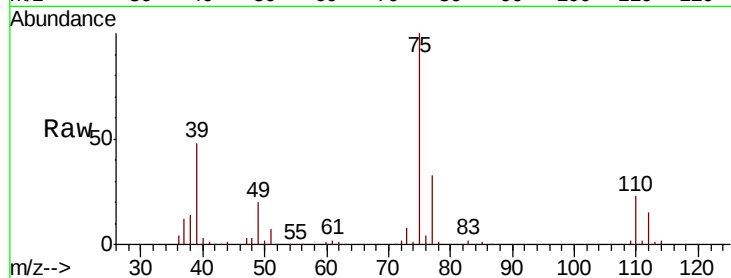
#53
 t-1,3-Dichloropropene
 Concen: 18.650 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 75 Resp: 54594
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.6

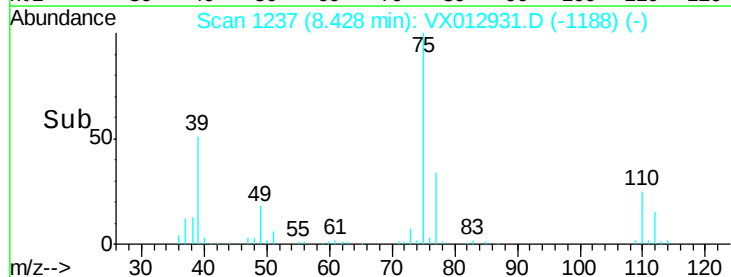
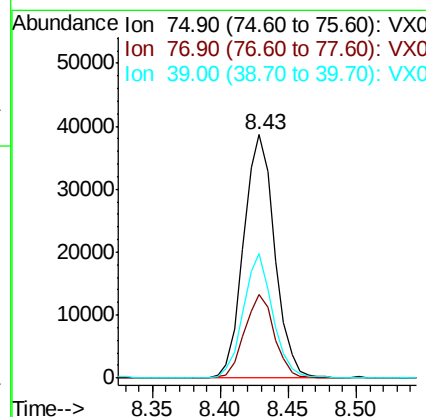
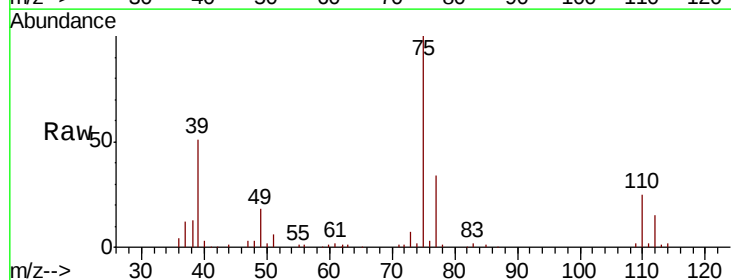
Manual Integrations
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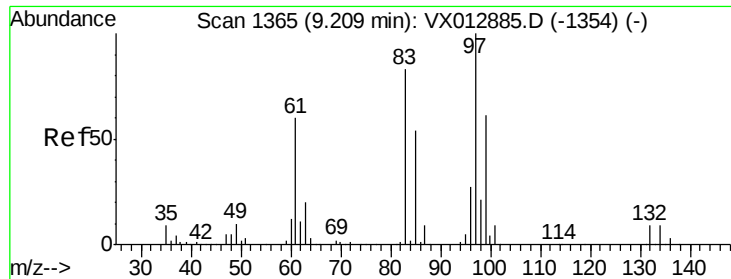
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 19.865 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion: 75 Resp: 62038
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.8 38.8
 39 50.9 38.2 57.2





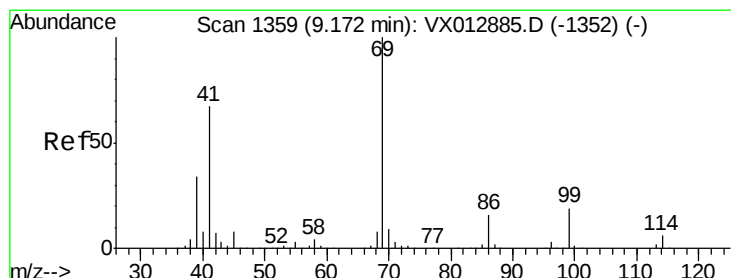
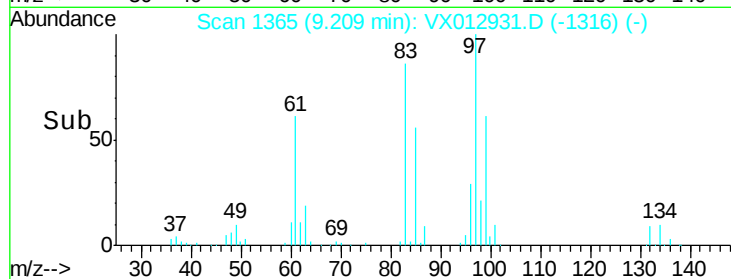
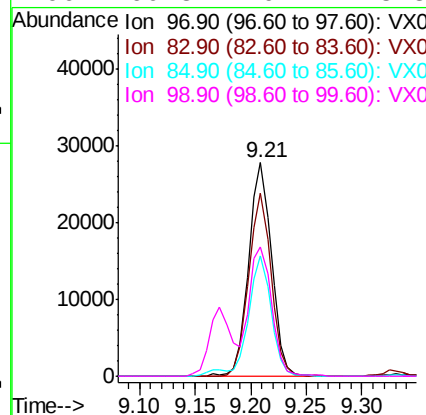
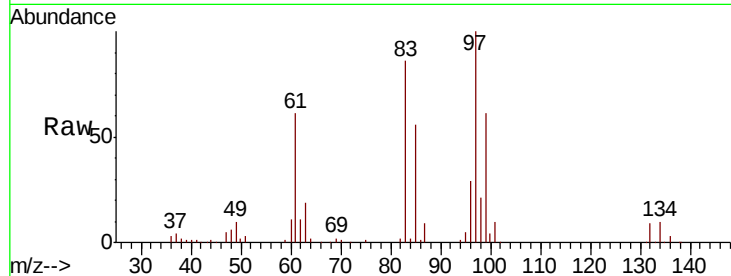
#55
 1,1,2-Trichloroethane
 Concen: 20.470 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion:	97	Resp:	39711
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.5	99.7
85	56.3	43.1	64.7
99	60.8	49.2	73.8

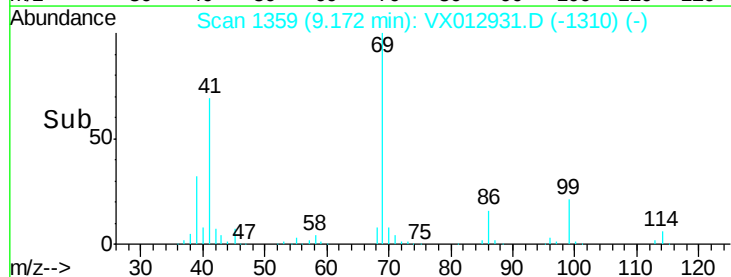
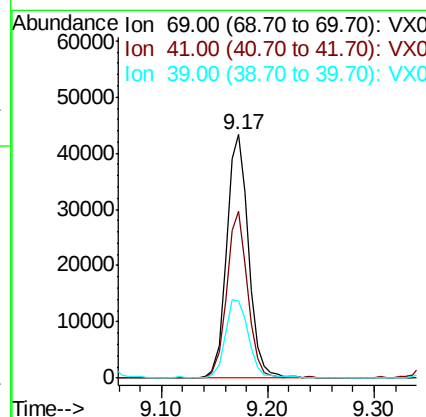
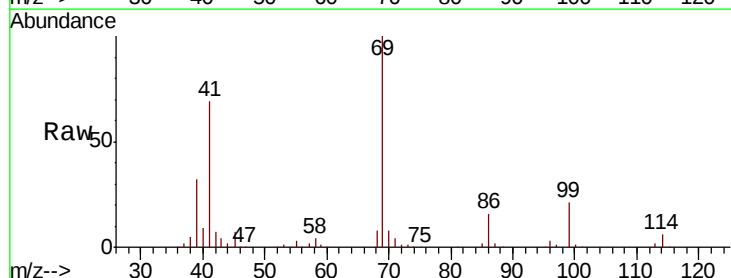
Manual Integrations
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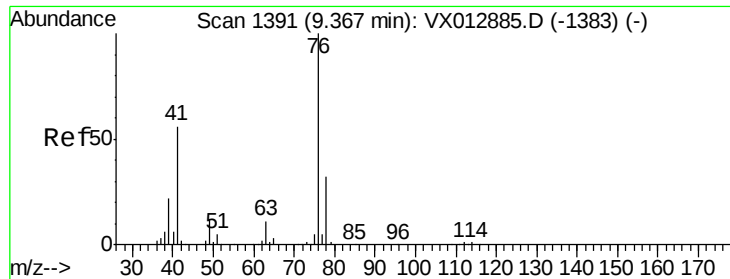
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#56
 Ethyl methacrylate
 Concen: 19.138 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion:	69	Resp:	62408
Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.1	78.1
39	34.5	27.8	41.8





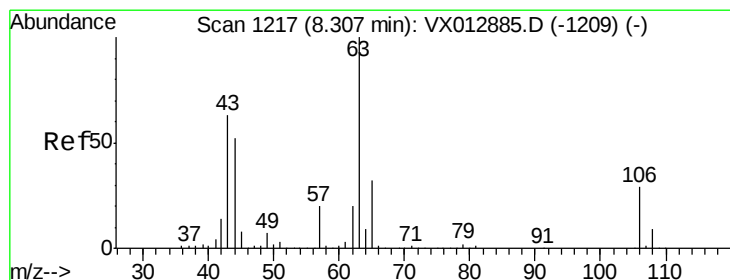
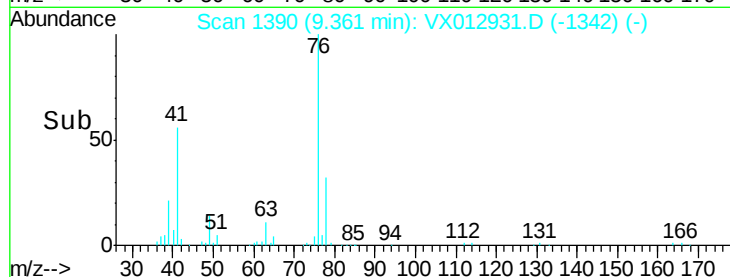
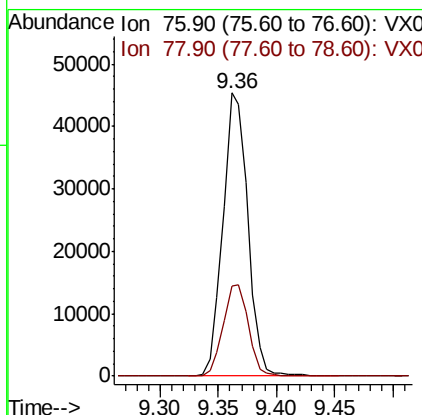
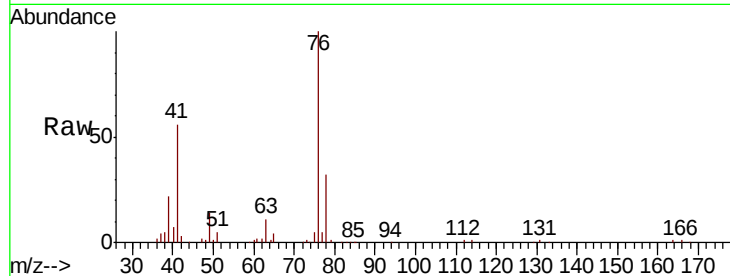
#57
 1,3-Dichloropropane
 Concen: 20.008 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 76 Resp: 67143
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

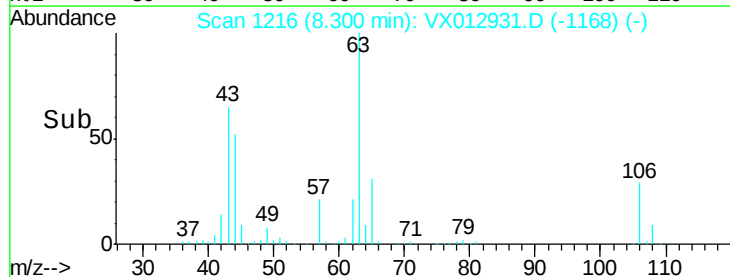
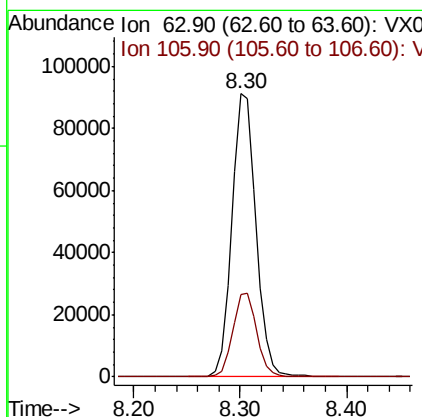
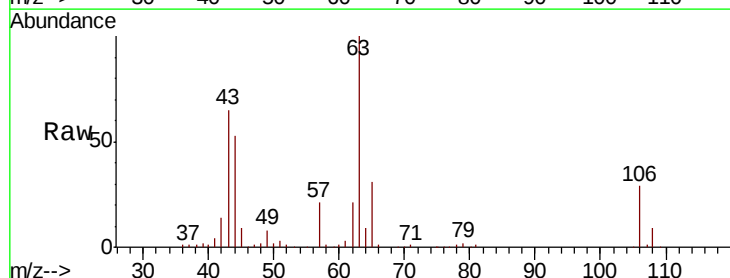
Manual Integrations
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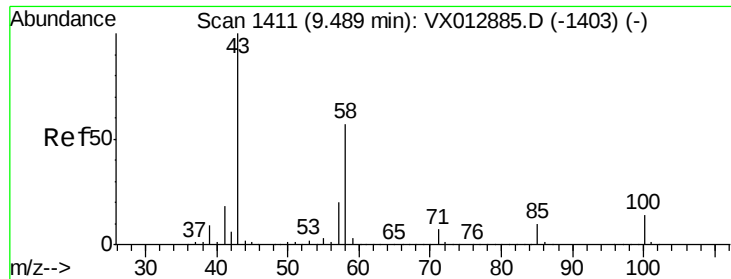
MMDadoda
 10/10/2019 9:33:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.953 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion: 63 Resp: 145297
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.8





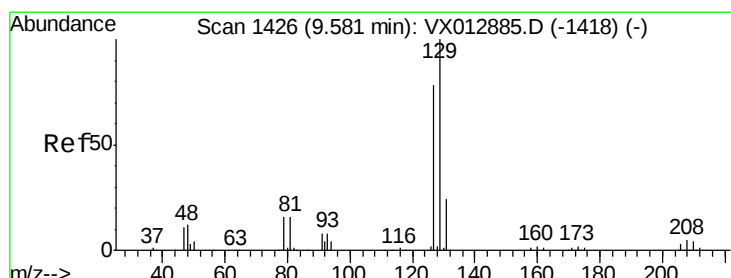
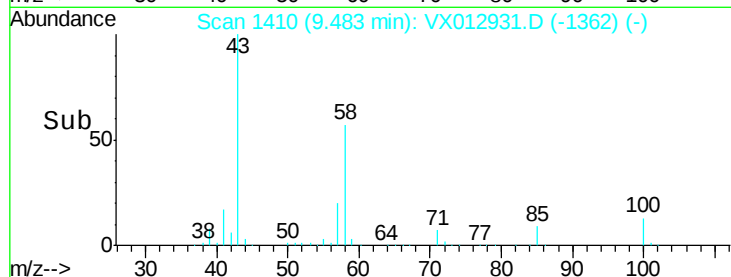
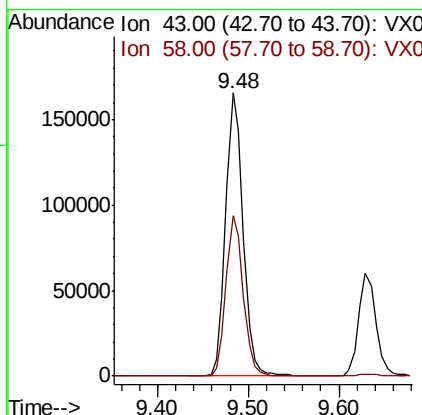
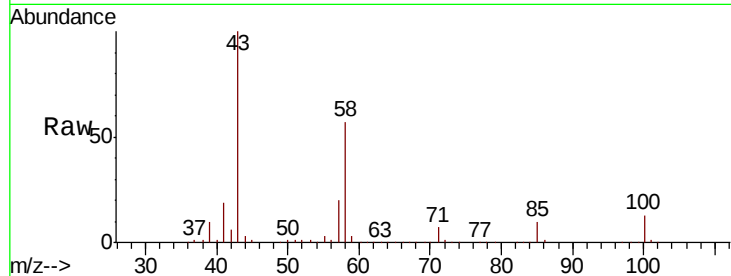
#59
2-Hexanone
Concen: 98.769 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.1	84.3

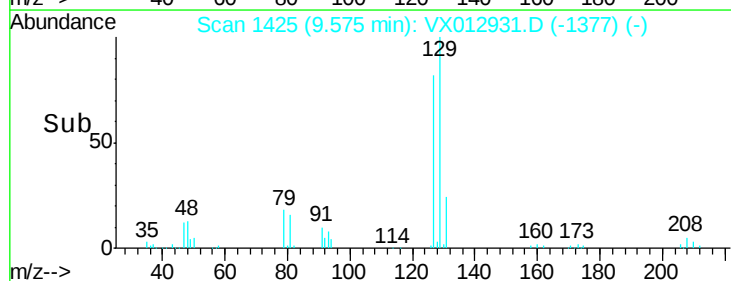
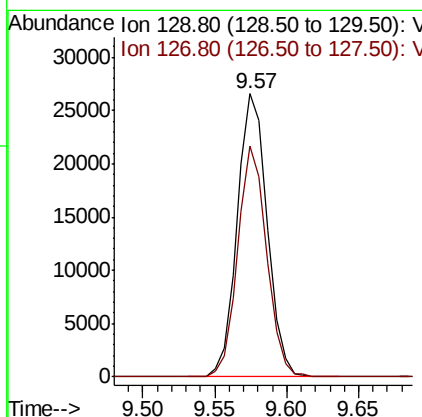
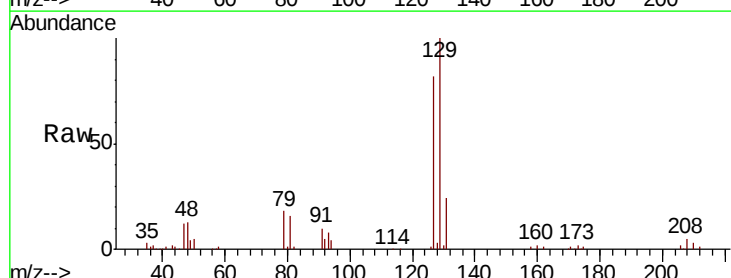
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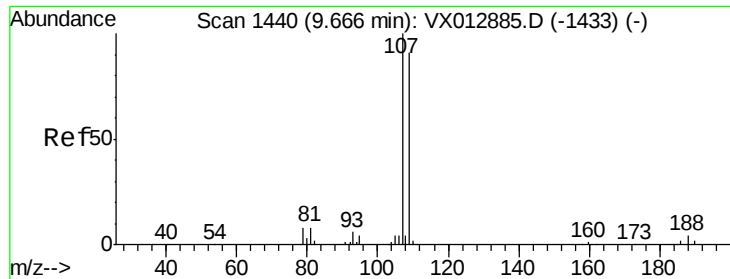
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#60
Dibromochloromethane
Concen: 19.008 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.7





#61

1,2-Dibromoethane

Concen: 20.177 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 107 Resp: 41176

Ion Ratio Lower Upper

107 100

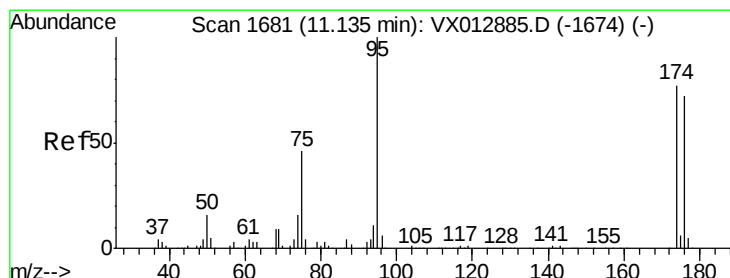
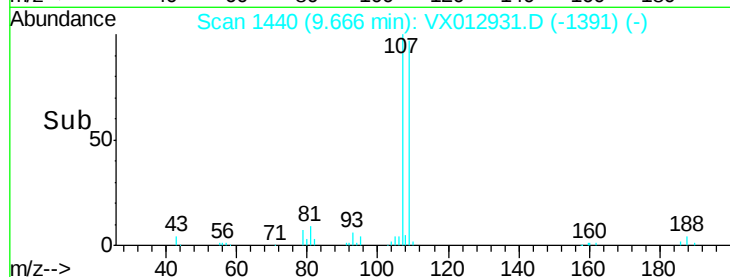
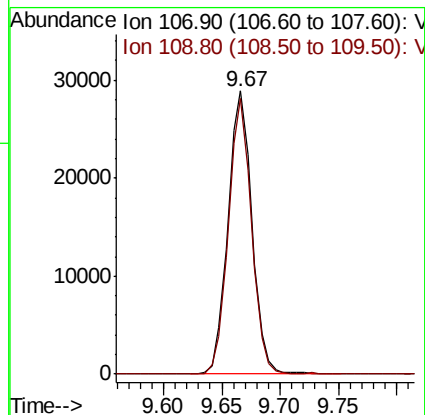
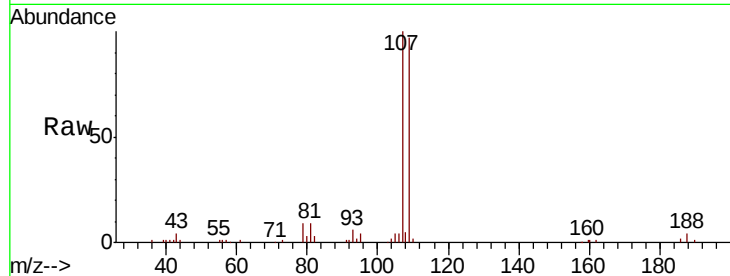
109 94.0 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 52.197 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

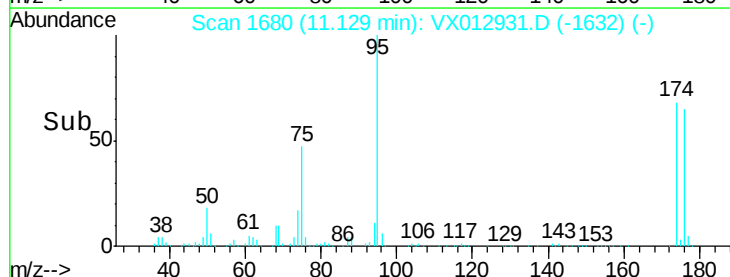
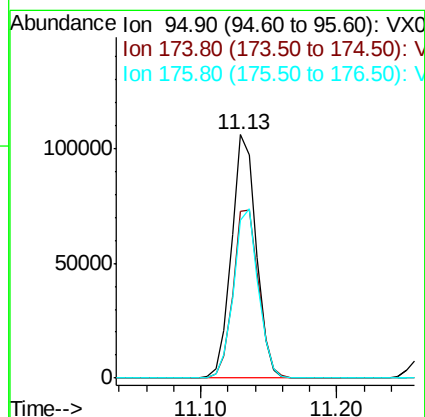
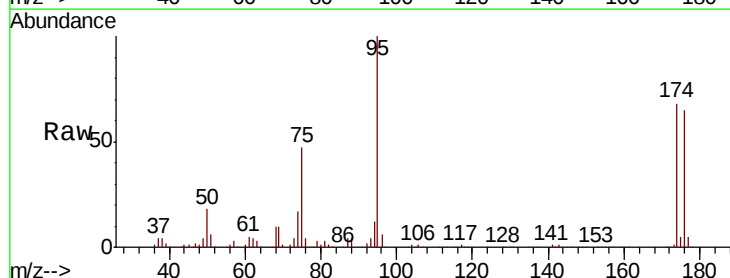
Tgt Ion: 95 Resp: 133969

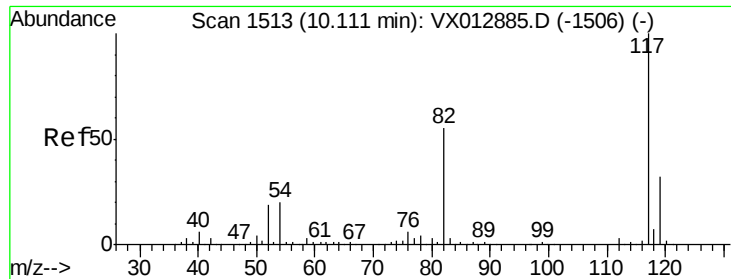
Ion Ratio Lower Upper

95 100

174 71.6 0.0 143.4

176 69.6 0.0 136.0





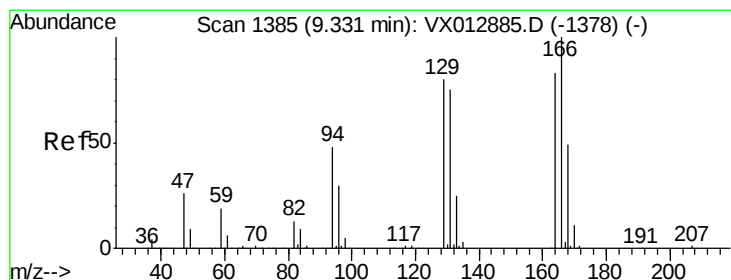
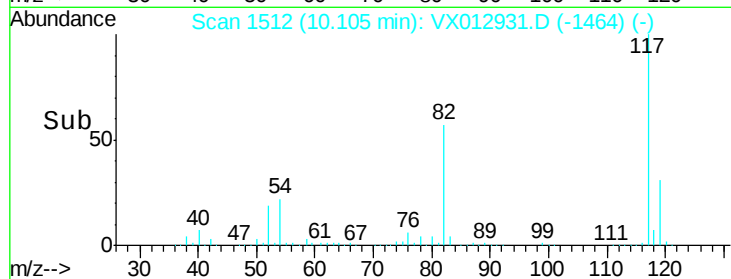
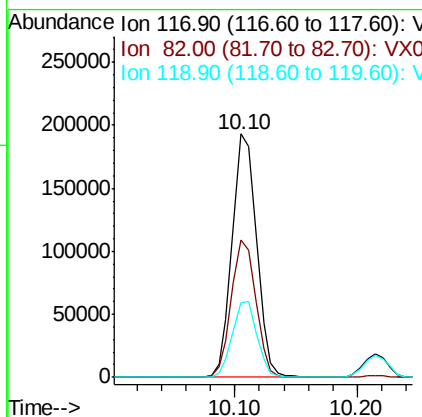
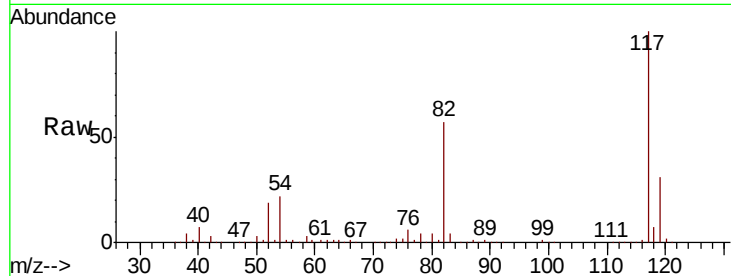
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.1	66.1
119	30.7	25.8	38.8

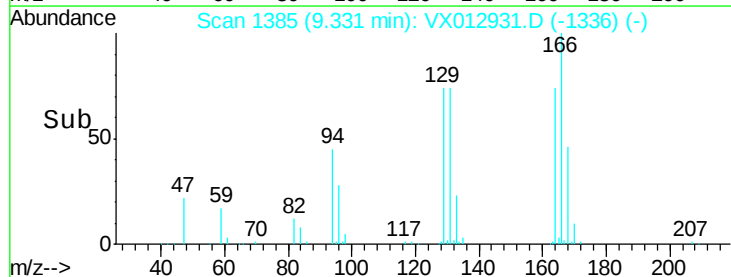
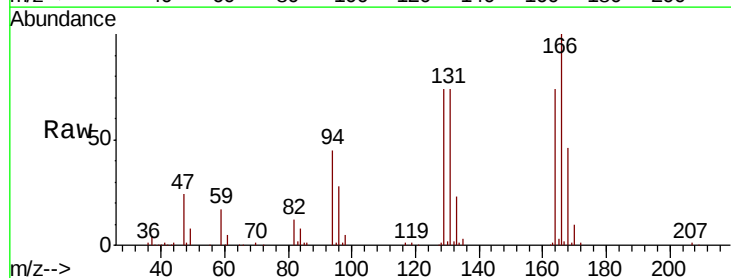
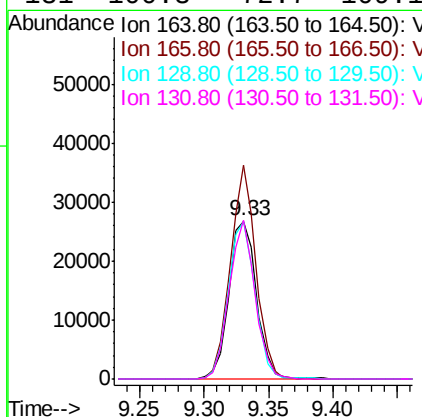
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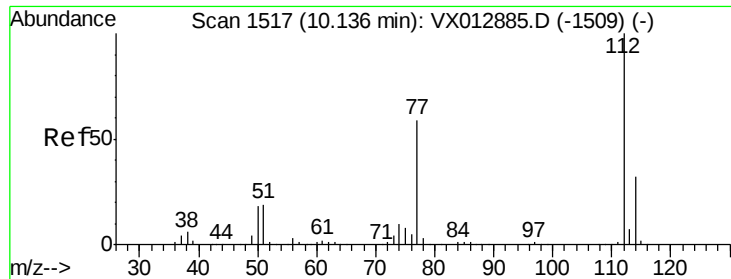
MMDadoda
10/10/2019 9:33:06 AM



#64
Tetrachloroethene
Concen: 21.633 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.4	96.9	145.3
129	99.5	77.9	116.9
131	100.3	72.7	109.1





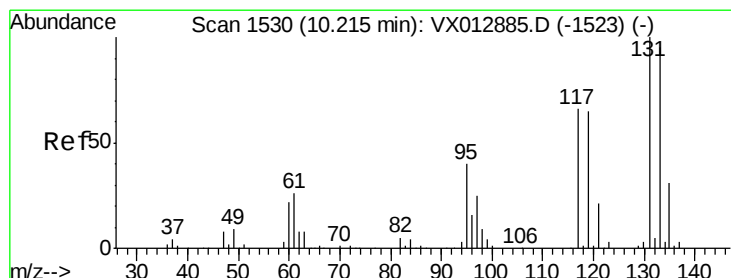
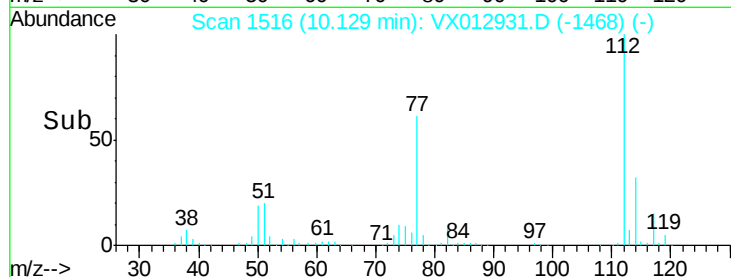
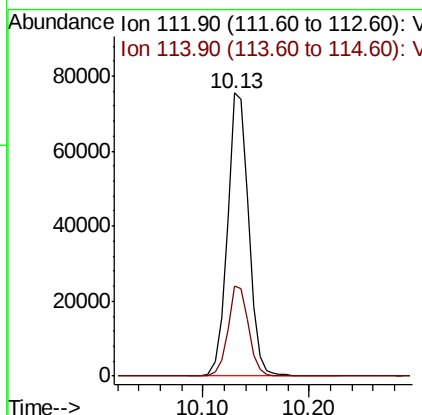
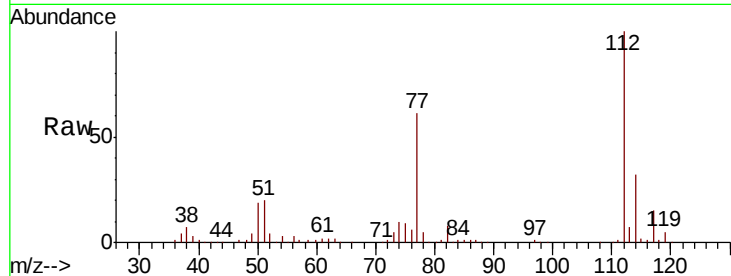
#65
Chlorobenzene
Concen: 19.836 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion:112 Resp: 105231
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

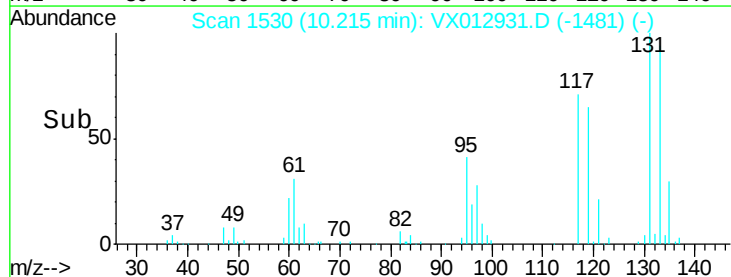
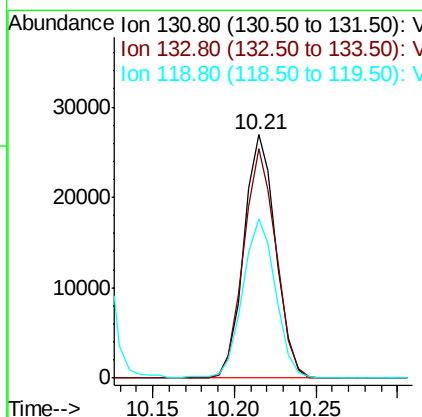
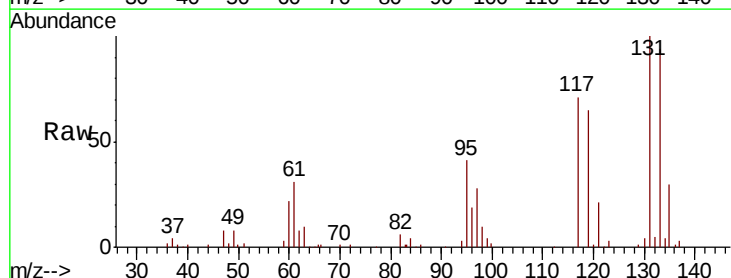
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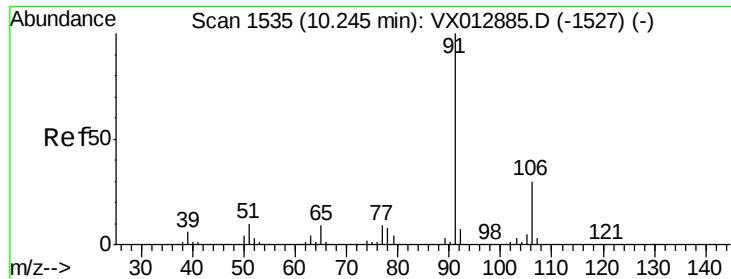
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.909 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion:131 Resp: 36620
Ion Ratio Lower Upper
131 100
133 95.7 47.2 141.6
119 67.8 32.6 98.0





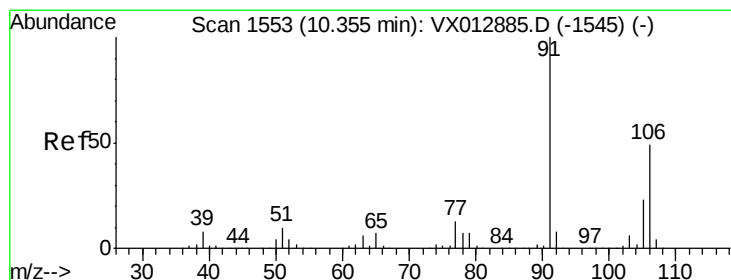
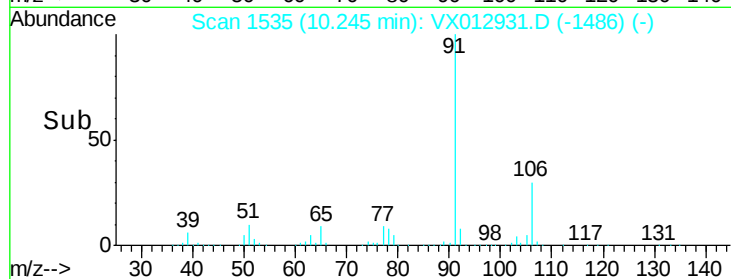
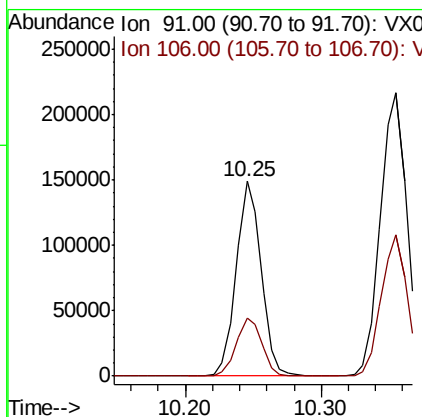
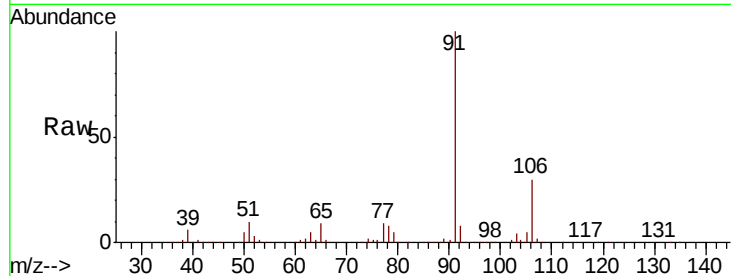
#67
Ethyl Benzene
Concen: 20.221 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 91 Resp: 190553
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9

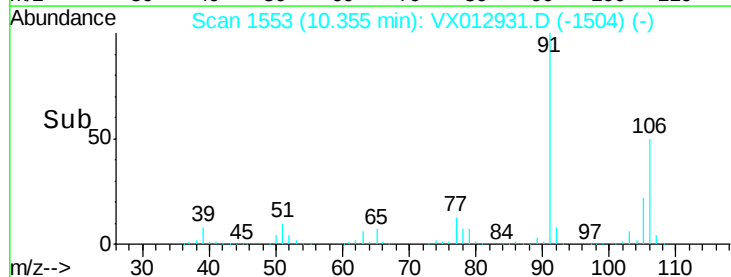
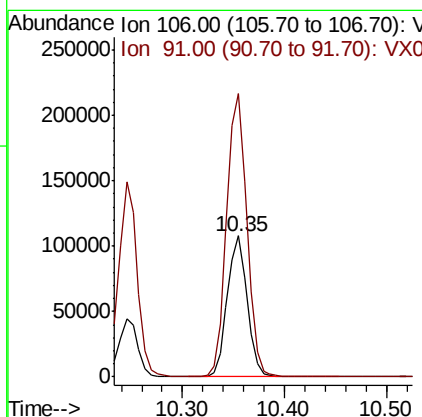
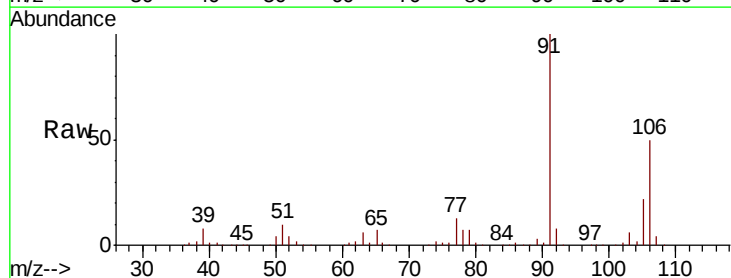
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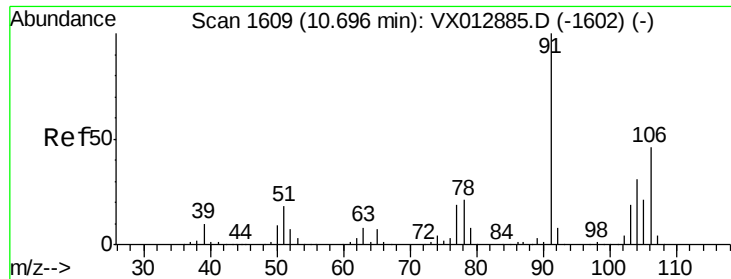
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#68
m/p-Xylenes
Concen: 41.141 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion: 106 Resp: 144832
Ion Ratio Lower Upper
106 100
91 205.7 165.3 247.9





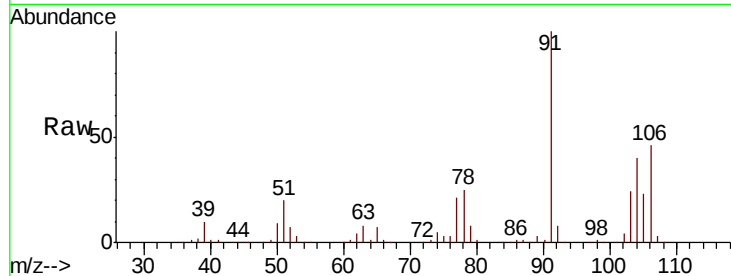
#69
o-Xylene
Concen: 20.408 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

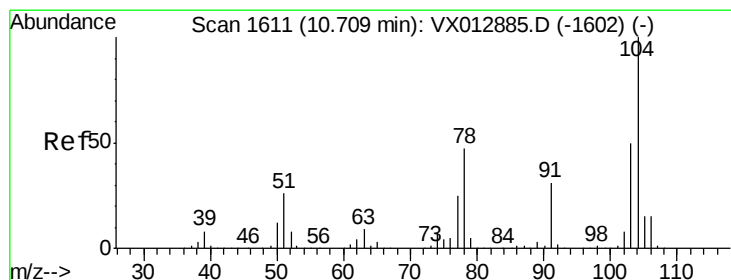
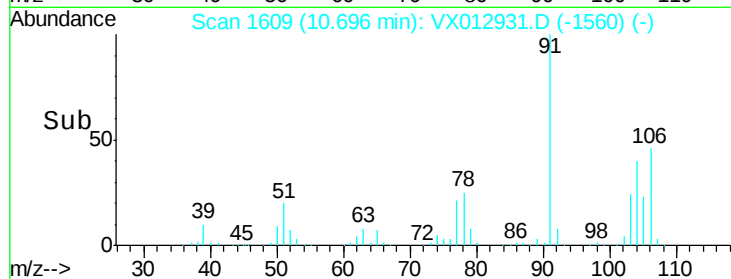
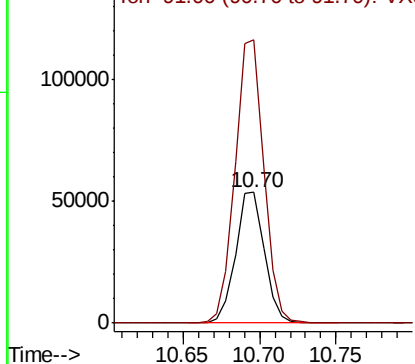
Tot Ion:106 Resp: 70060
Ion Ratio Lower Upper
106 100
91 217.6 109.1 327.3

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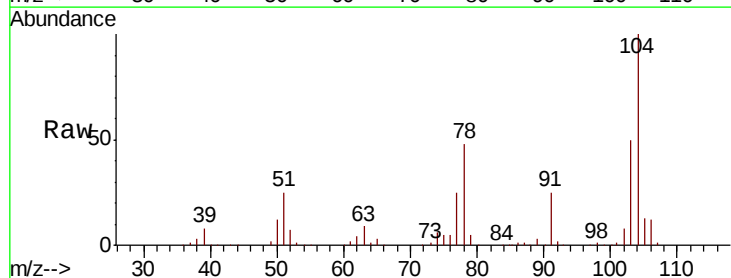


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

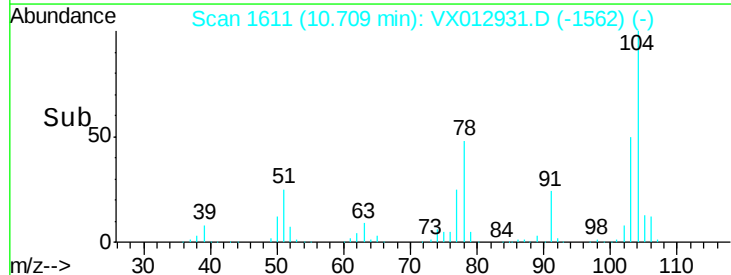
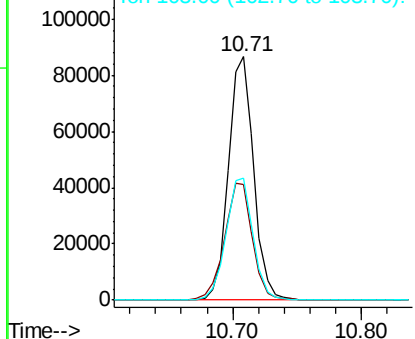


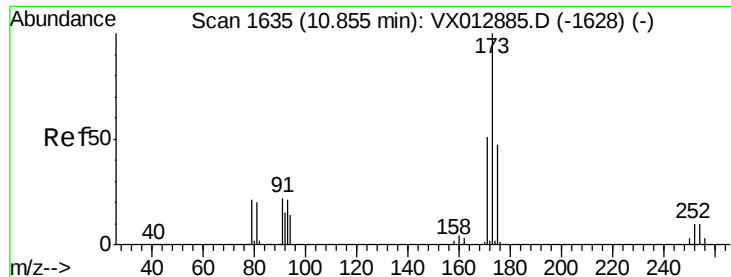
#70
Styrene
Concen: 20.346 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion:104 Resp: 118741
Ion Ratio Lower Upper
104 100
78 53.6 41.2 61.8
103 54.2 43.0 64.4



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: 18.230 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:173 Resp: 25238

Ion Ratio Lower Upper

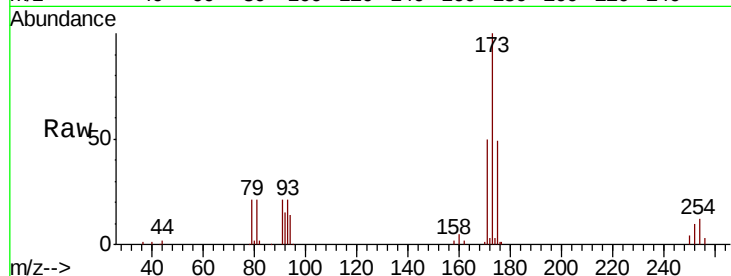
173 100

175 48.4 24.1 72.3

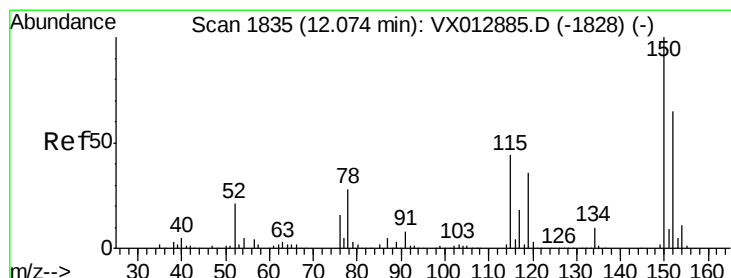
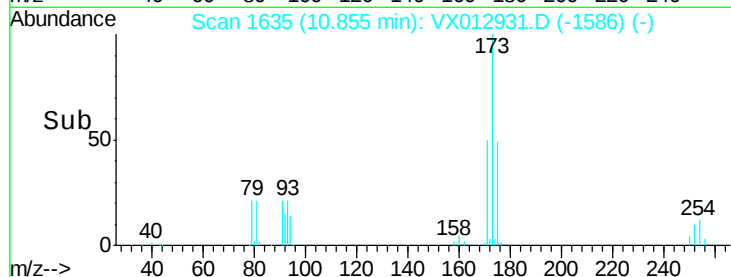
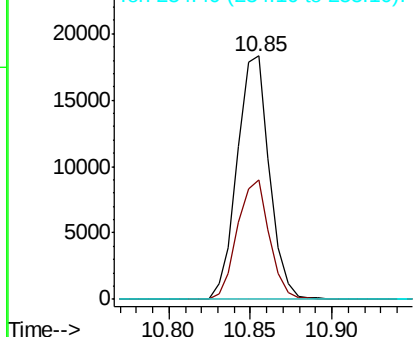
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

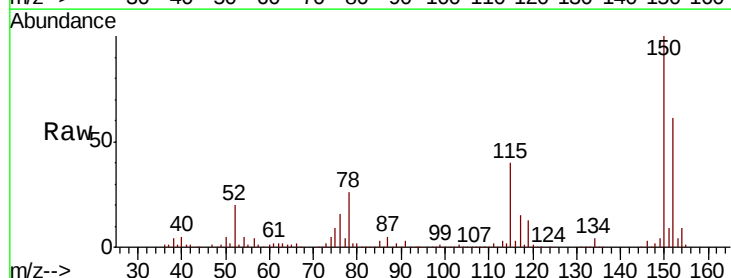
Tgt Ion:152 Resp: 122403

Ion Ratio Lower Upper

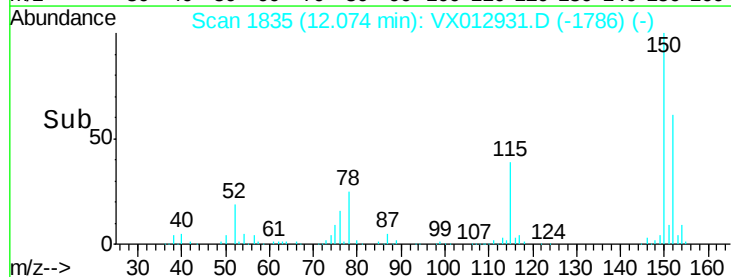
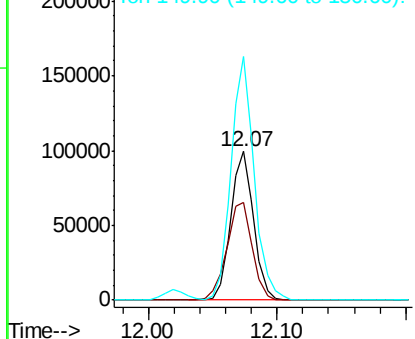
152 100

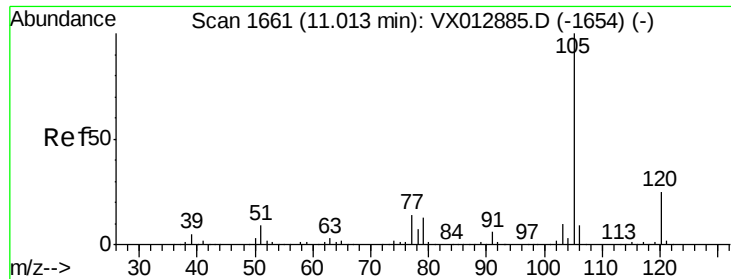
115 74.1 44.5 133.5

150 167.3 0.0 353.4



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





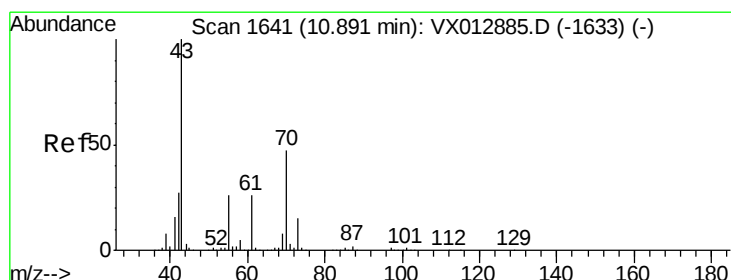
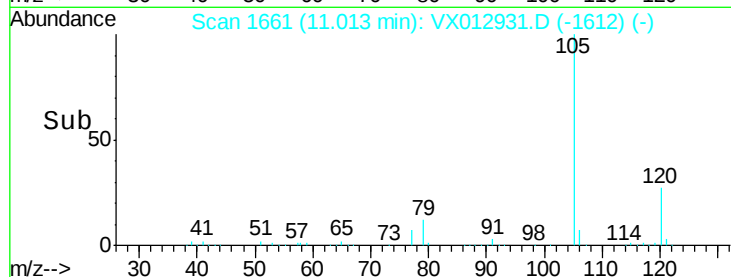
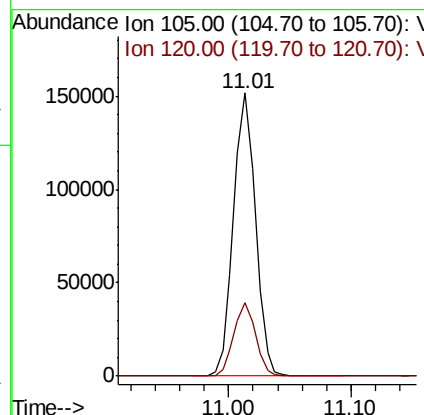
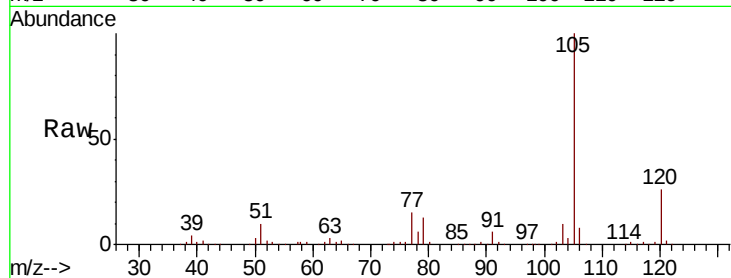
#73
Isopropylbenzene
Concen: 20.978 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	39.0

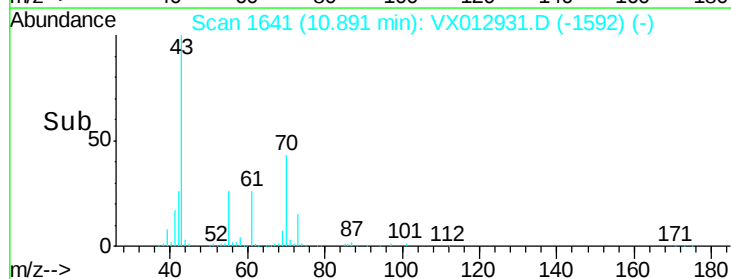
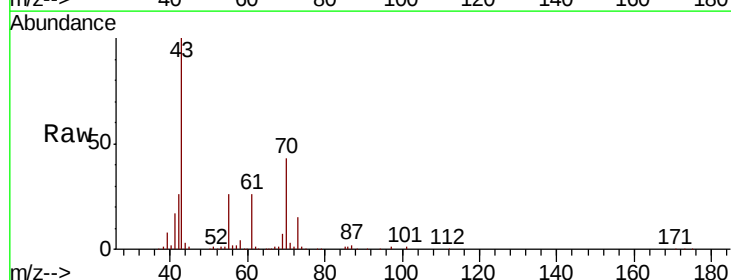
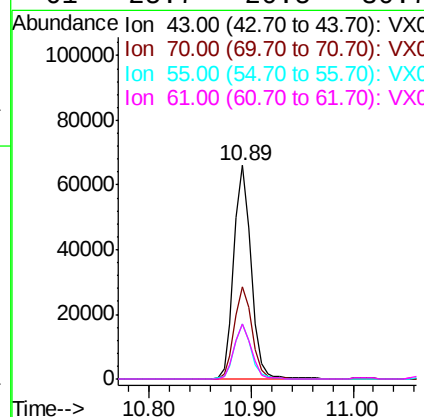
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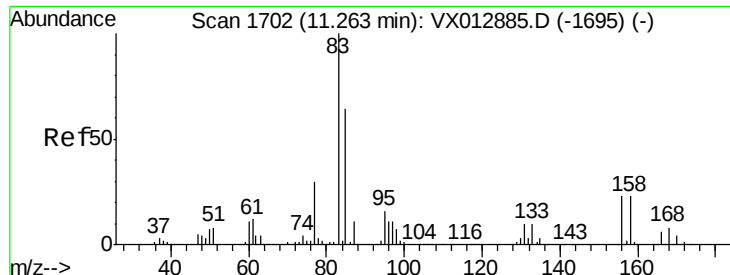
MMDadoda
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#74
N-ethyl acetate
Concen: 19.906 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	36.4	54.6
55	25.3	20.2	30.2
61	25.7	20.5	30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.210 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

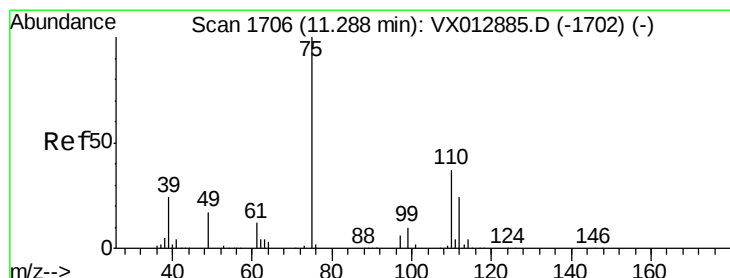
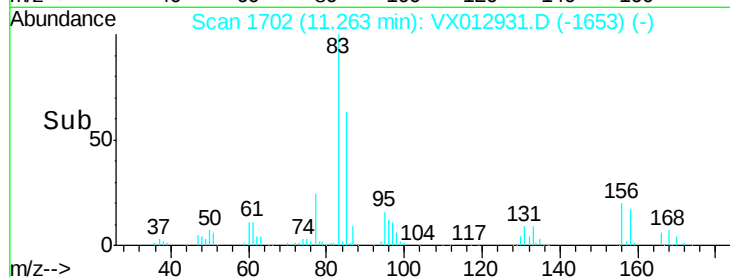
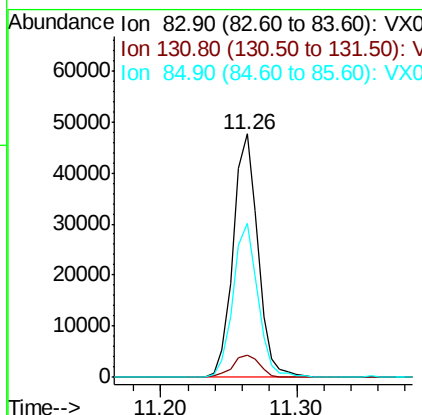
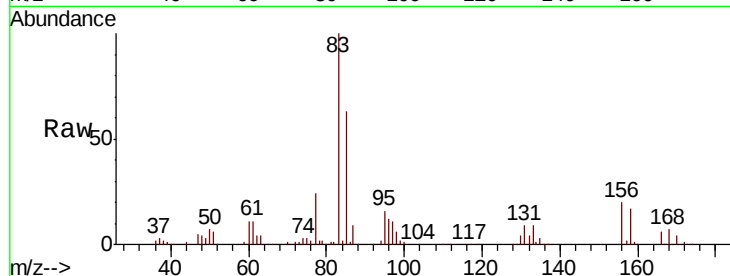
ClientSampleId :

VX1009WBS01

Tot Ion	83	Resp	60492
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	5.1	15.3
85	63.2	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.000 ug/l m

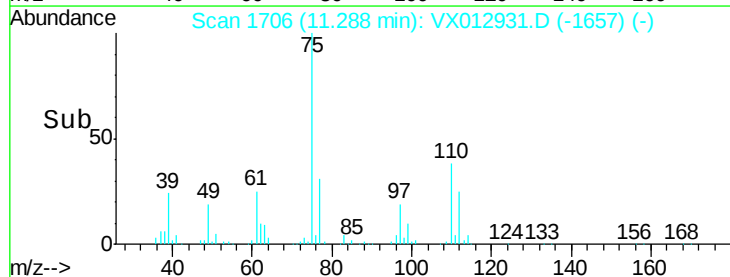
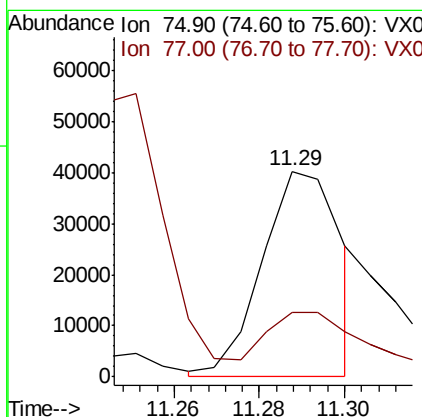
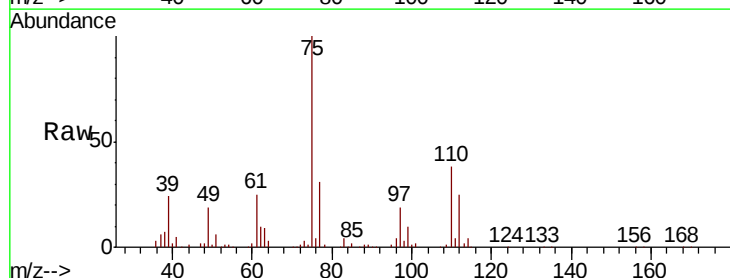
RT: 11.29 min Scan# 1706

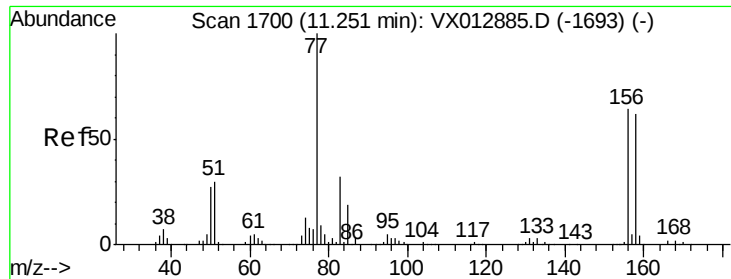
Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion	75	Resp	51584
Ion Ratio	100	Lower	Upper
75	100		
77	40.7	22.9	68.8





#77

Bromobenzene

Concen: 20.324 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:156 Resp: 43101

Ion Ratio Lower Upper

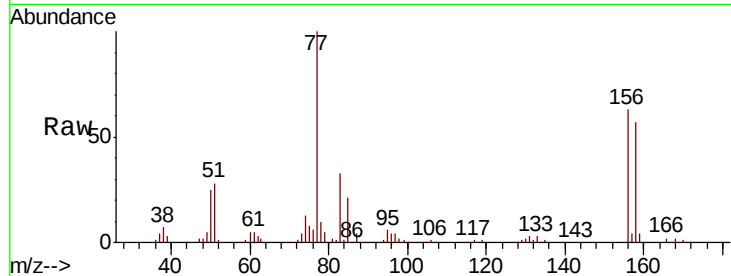
156 100

77 173.7 83.7 251.0

158 94.9 48.6 145.9

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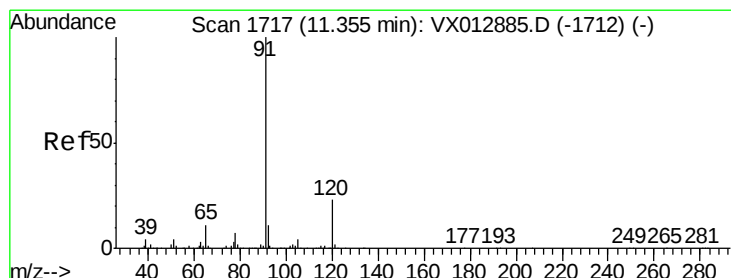
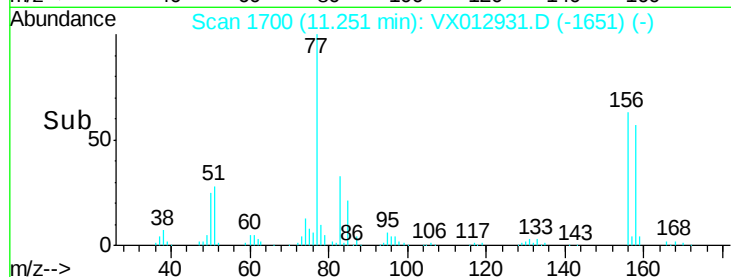
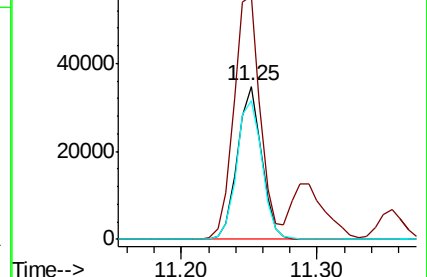
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.921 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012931.D

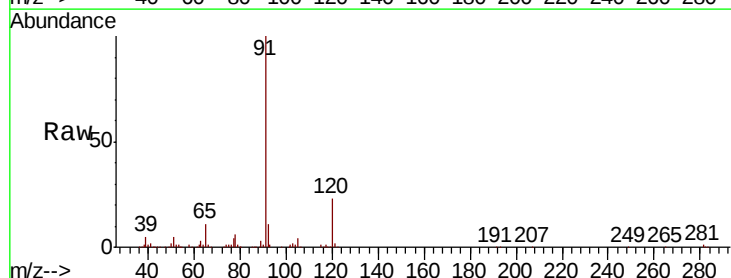
Acq: 09 Oct 2019 10:43

Tgt Ion: 91 Resp: 207169

Ion Ratio Lower Upper

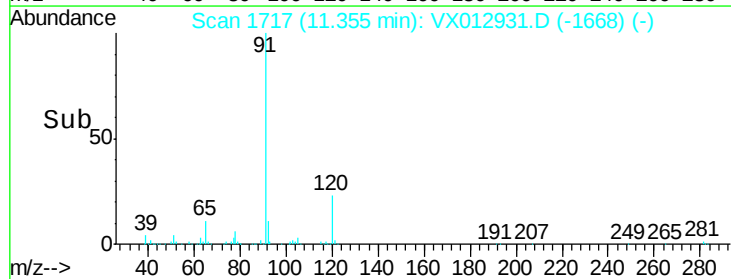
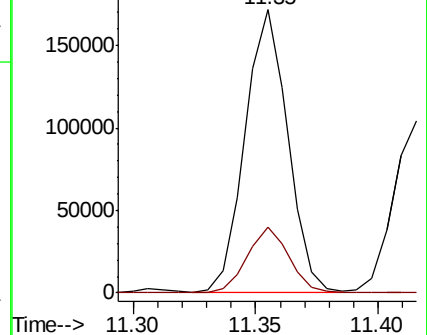
91 100

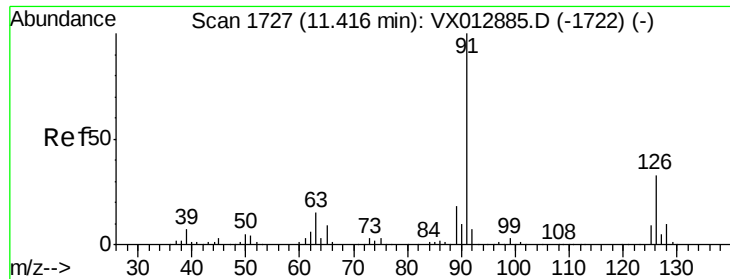
120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





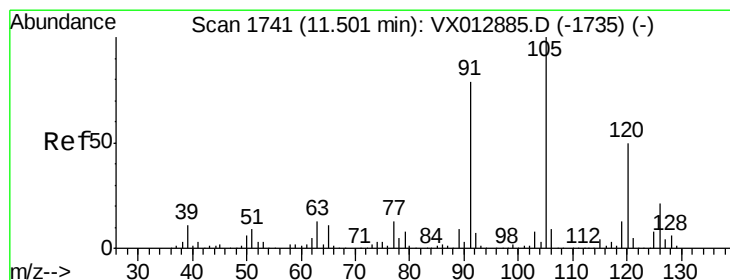
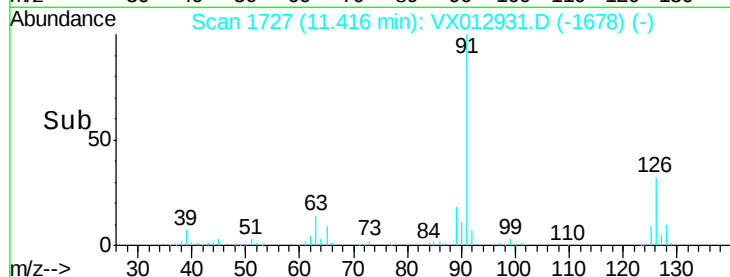
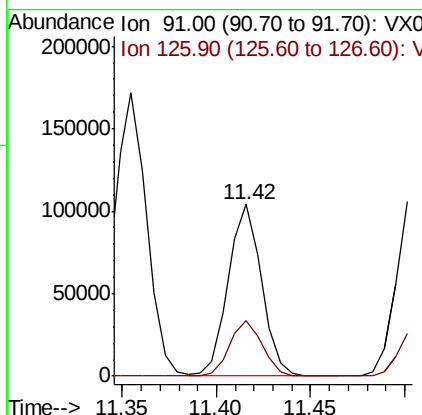
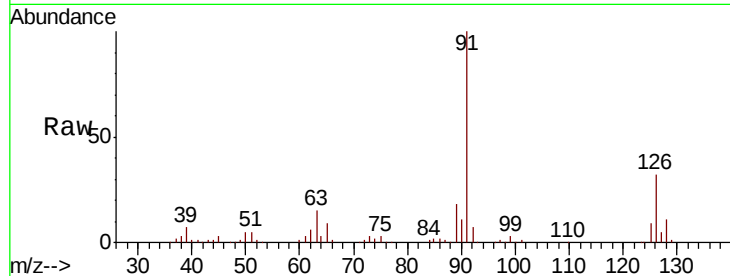
#79
 2-Chlorotoluene
 Concen: 20.400 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 91 Resp: 126957
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.3 48.8

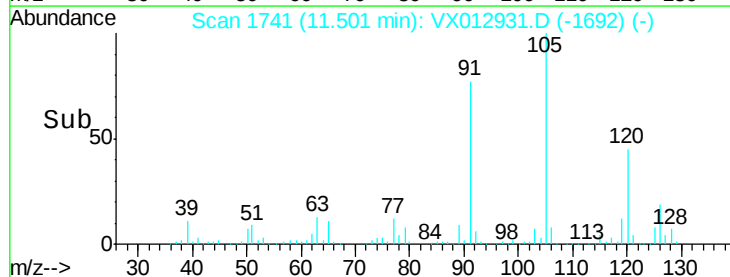
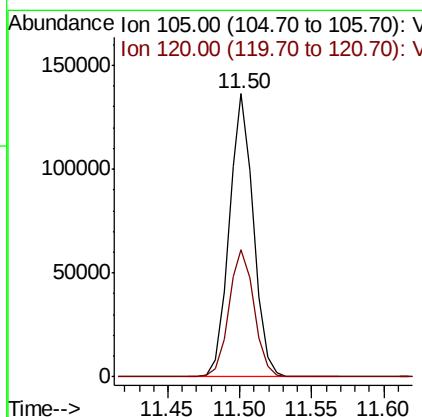
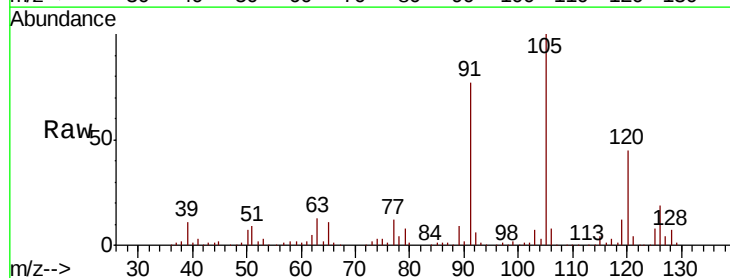
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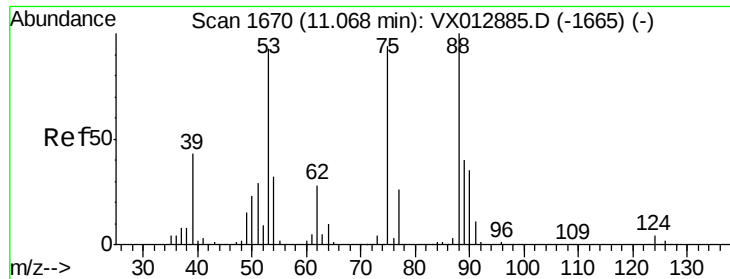
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.292 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion: 105 Resp: 159998
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.8 74.3





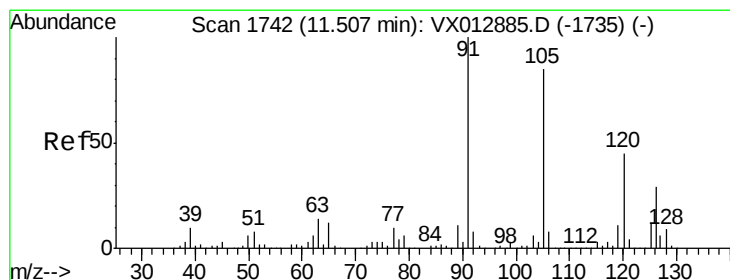
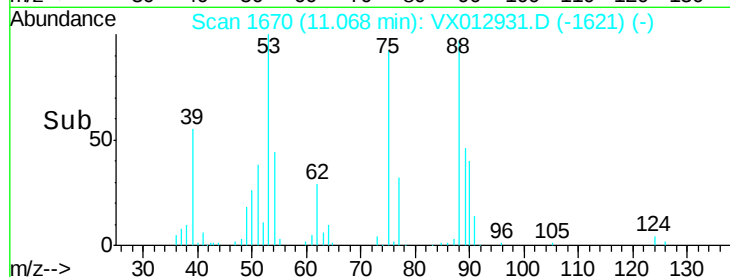
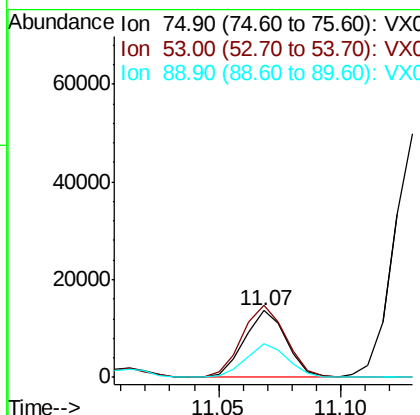
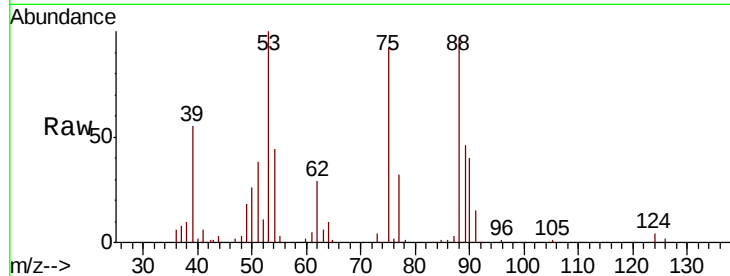
#81
trans-1,4-Dichloro-2-butene
Concen: 18.457 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.9	78.5	117.7
89	49.9	37.4	56.2

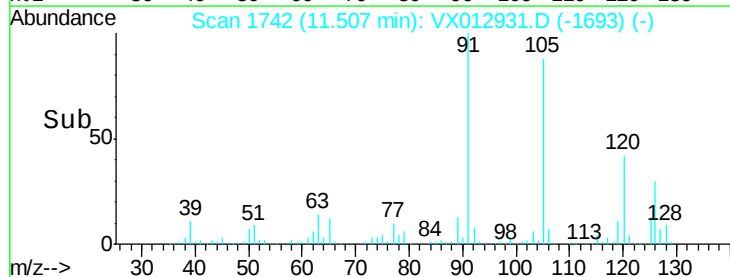
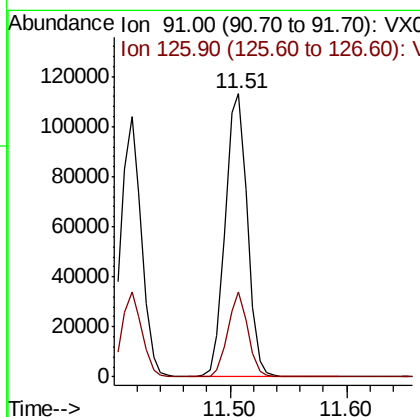
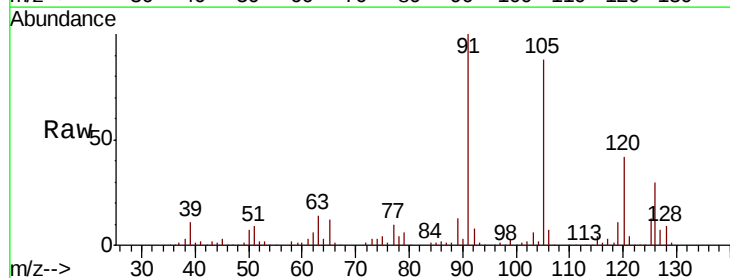
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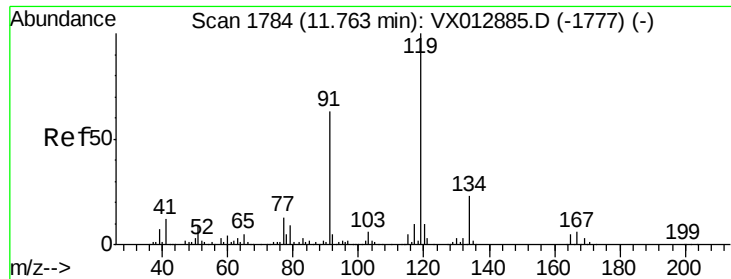
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#82
4-Chlorotoluene
Concen: 20.933 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	14.2	42.6





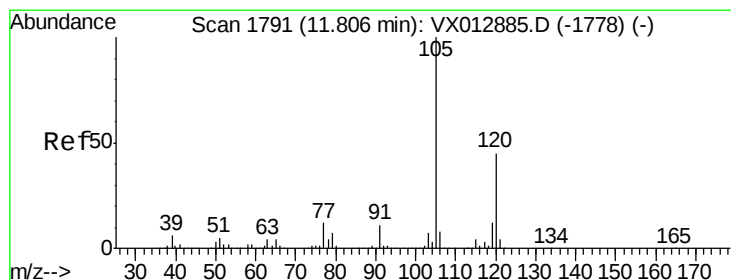
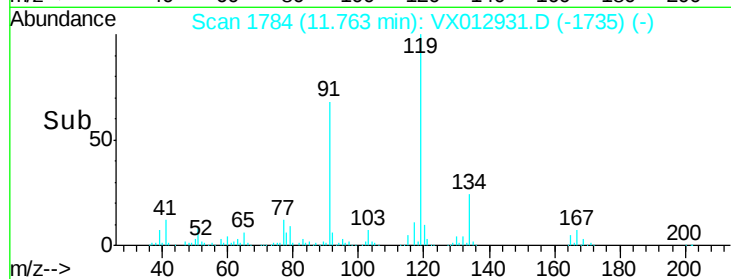
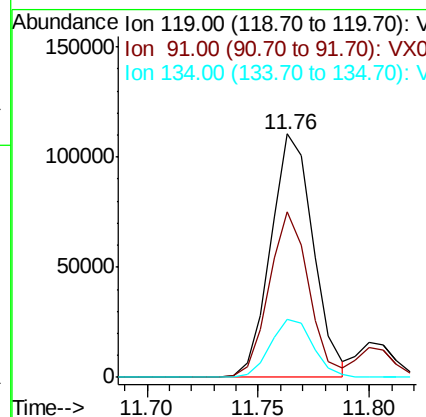
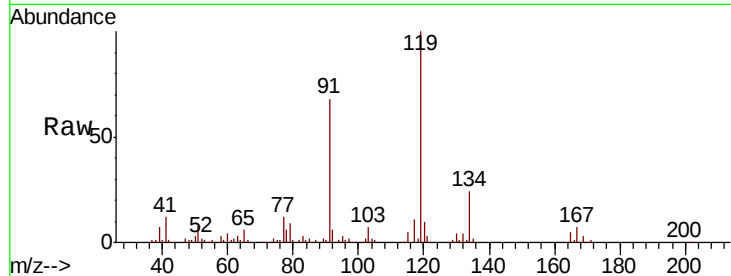
#83
tert-Butylbenzene
Concen: 19.941 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	146169		
91	63.6	29.3	87.9	
134	24.0	11.5	34.4	

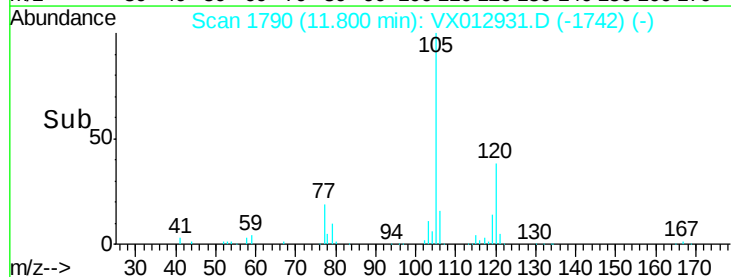
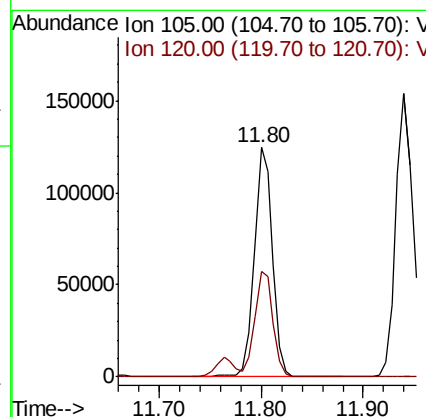
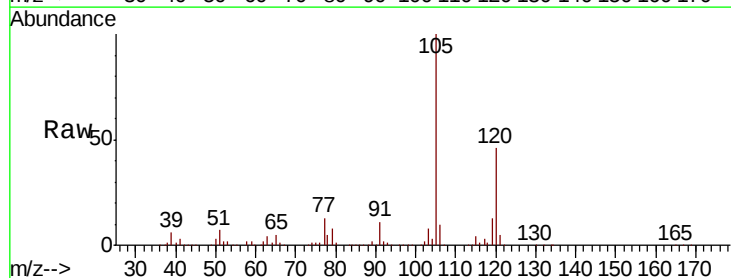
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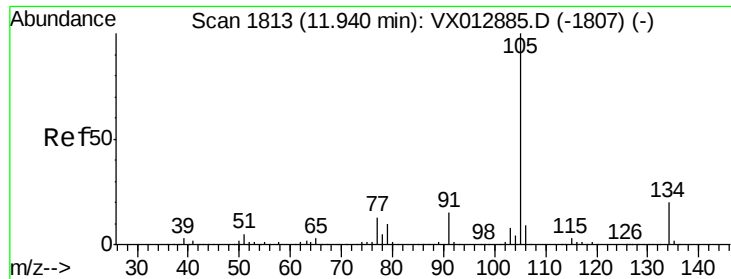
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.371 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155032		
120	46.0	21.8	65.3	





#85

sec-Butylbenzene

Concen: 21.399 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion:105 Resp: 181726

Ion Ratio Lower Upper

105 100

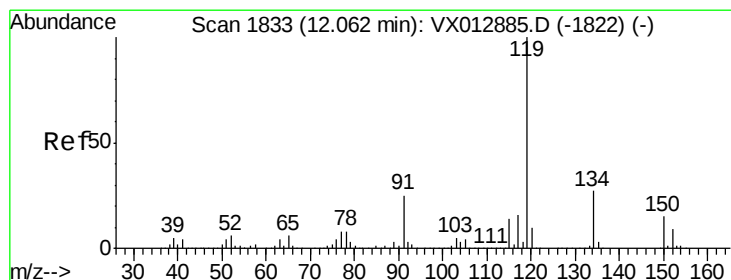
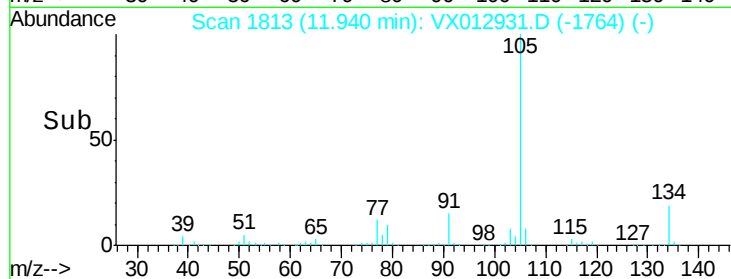
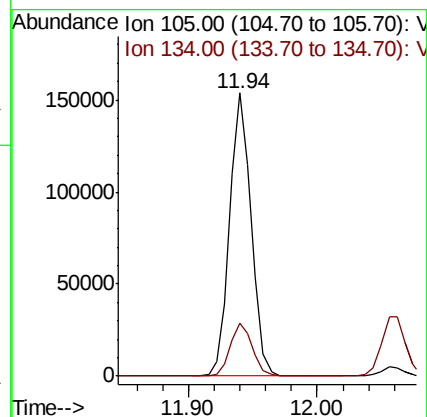
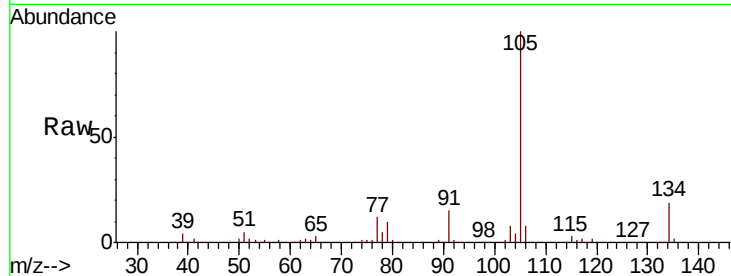
134 19.0 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.871 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

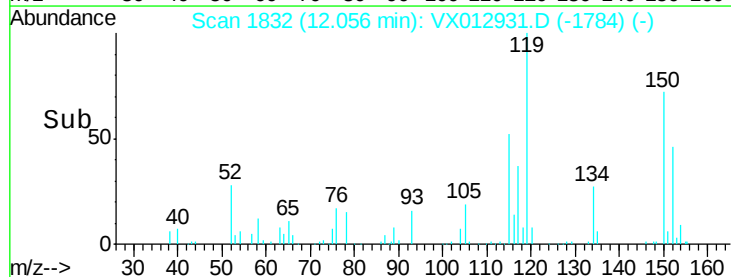
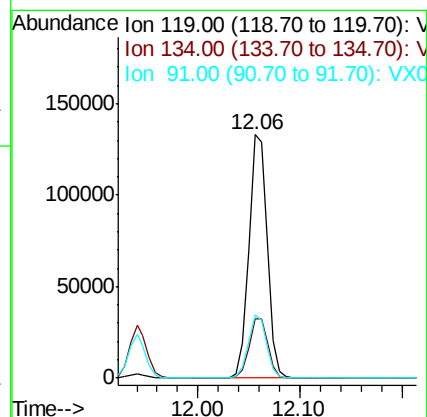
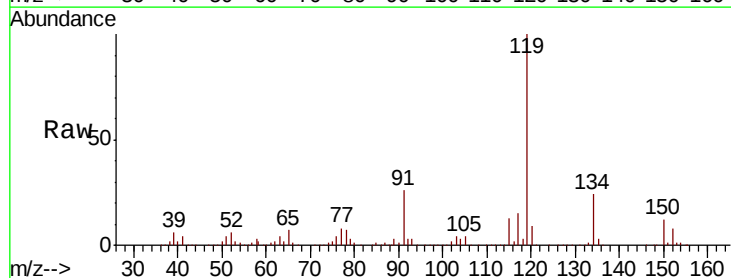
Tgt Ion:119 Resp: 164387

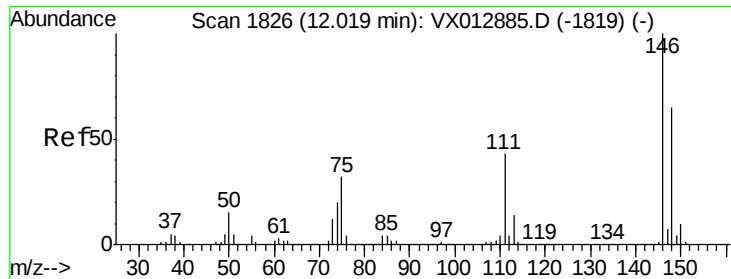
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 25.7 12.4 37.4





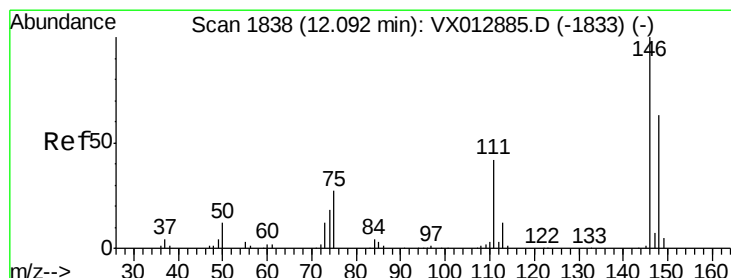
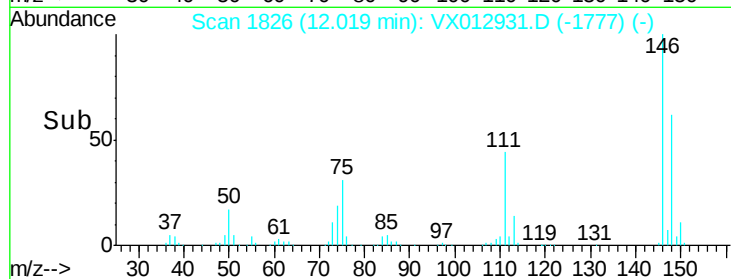
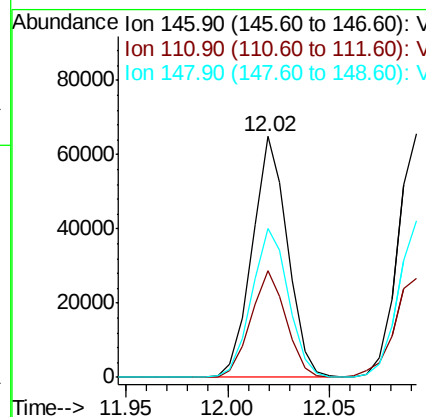
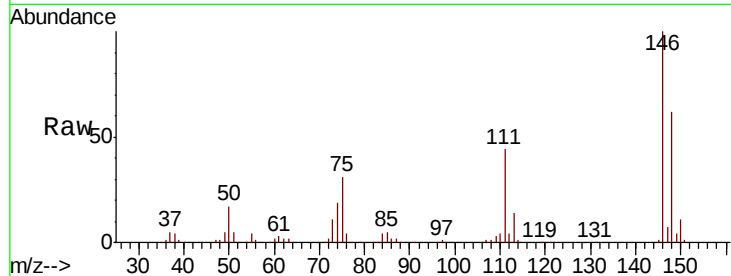
#87
 1,3-Dichlorobenzene
 Concen: 19.795 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.1	63.4
148	64.4	31.6	95.0

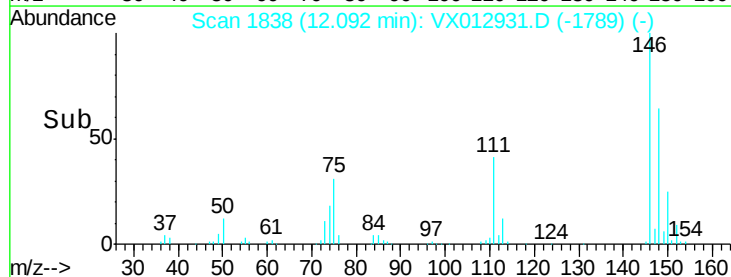
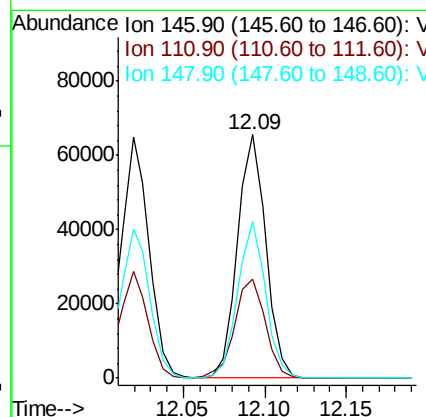
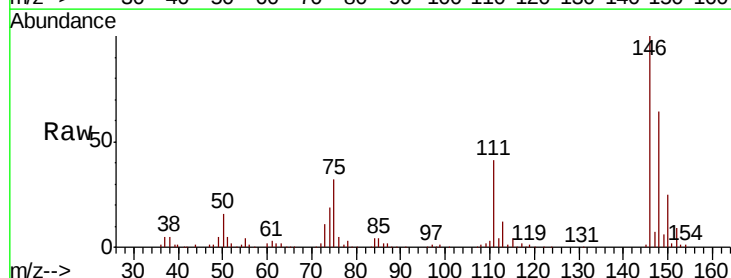
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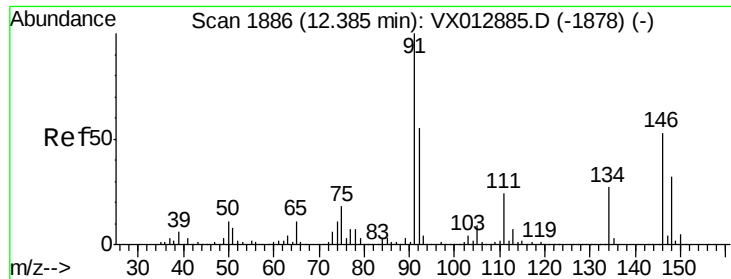
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#88
 1,4-Dichlorobenzene
 Concen: 19.942 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.3
148	63.1	32.1	96.5





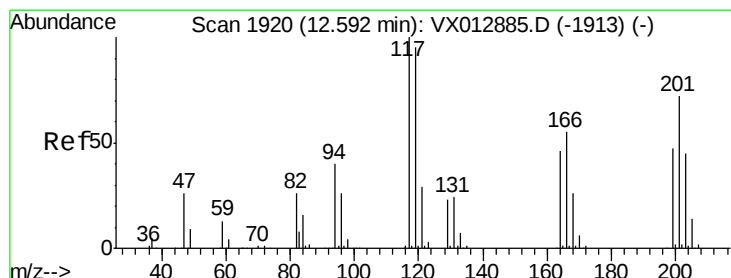
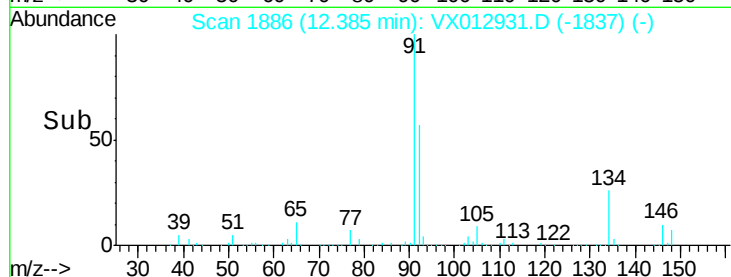
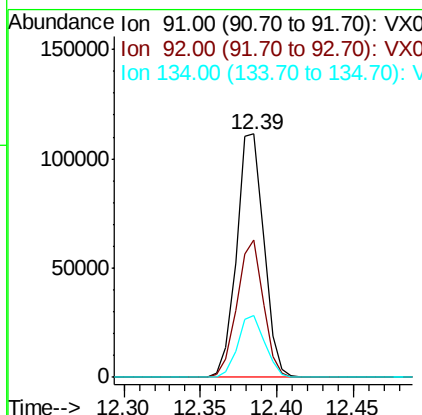
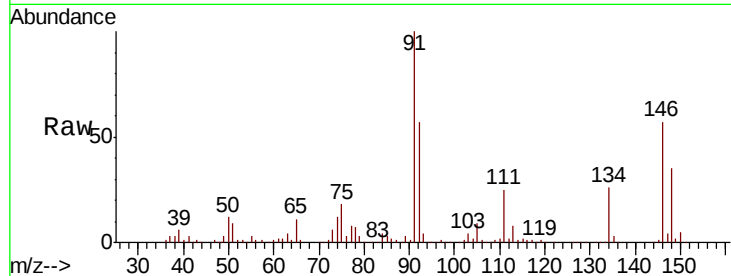
#89
n-Butylbenzene
Concen: 20.812 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.5
134	25.3	12.9	38.7

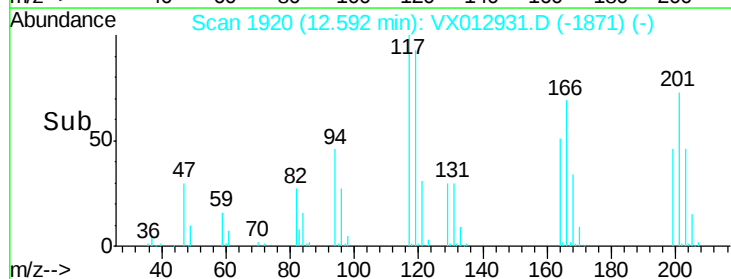
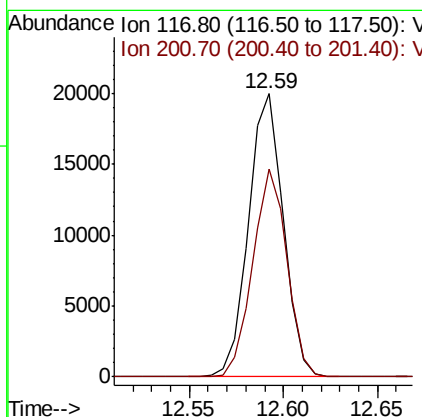
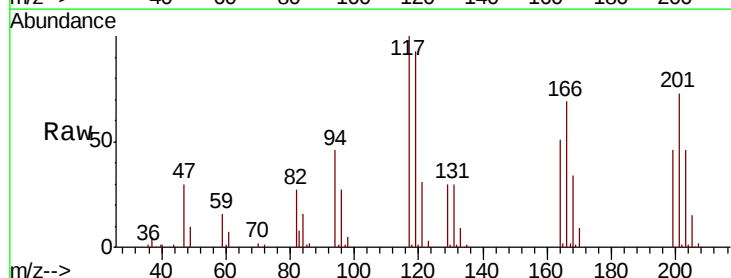
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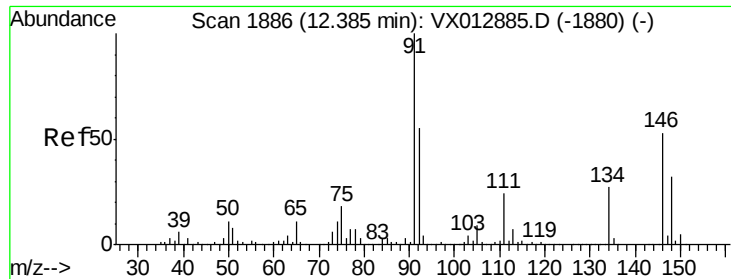
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#90
Hexachloroethane
Concen: 18.884 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	36.9	110.7





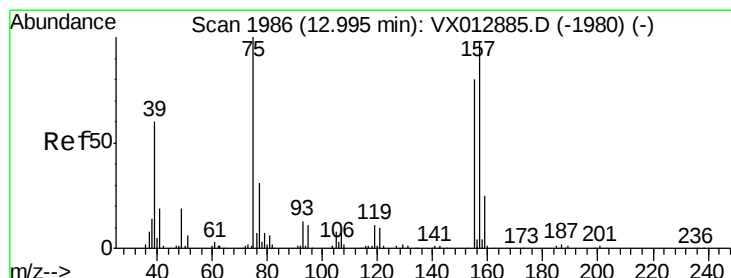
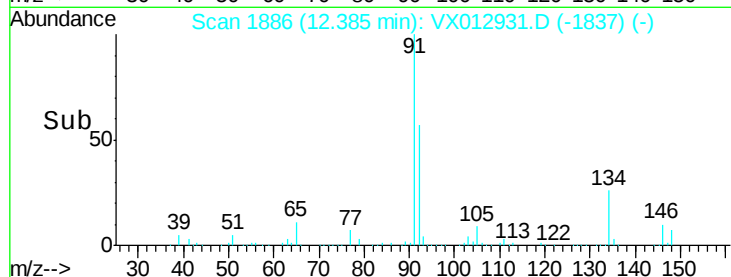
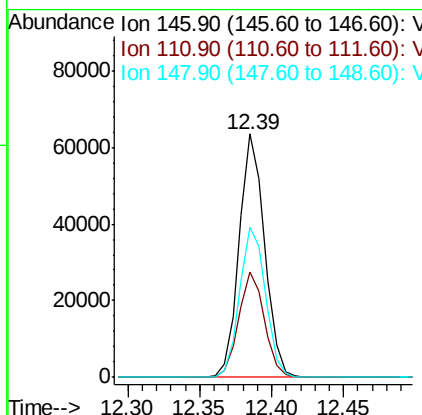
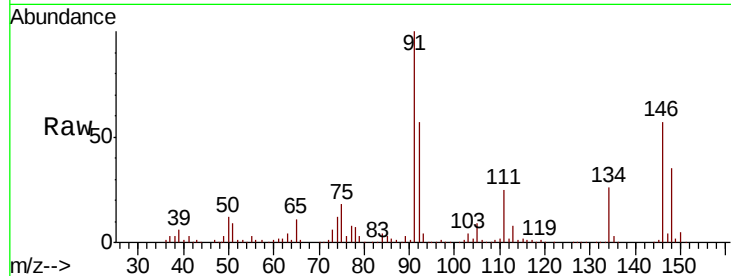
#91
 1,2-Dichlorobenzene
 Concen: 20.201 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.7	68.0
148	62.7	31.6	94.7

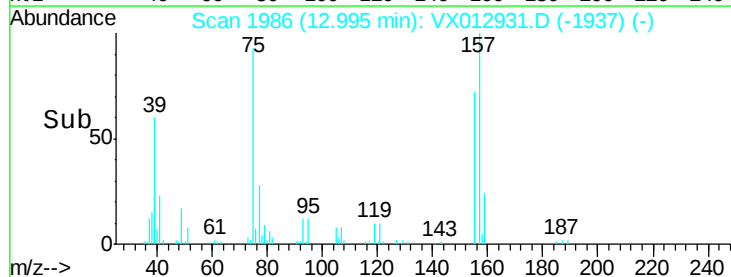
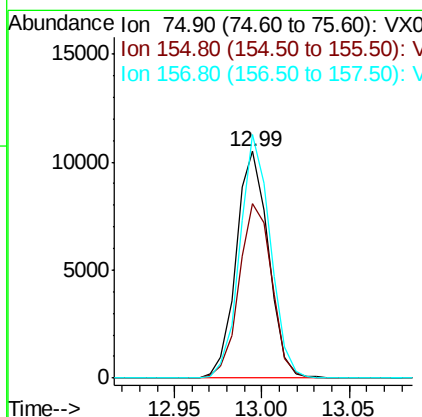
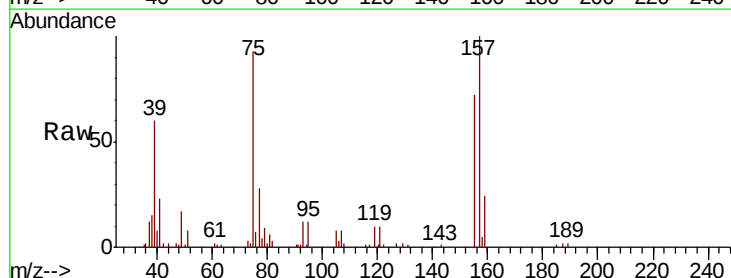
Manual Integrations
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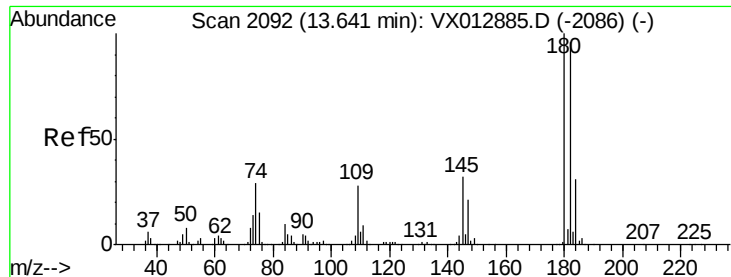
MMDadoda
 10/10/2019 9:33:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.212 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012931.D
 Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	43.0	128.8
157	101.4	54.1	162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.550 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Instrument :

MSVOA_X

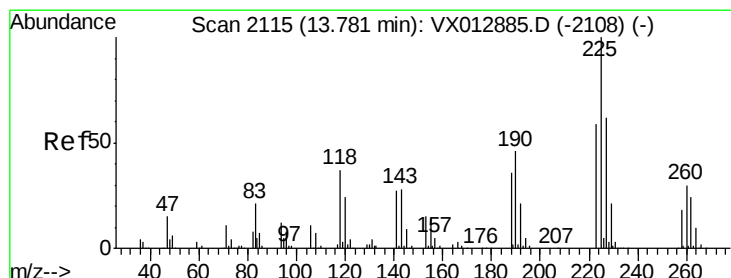
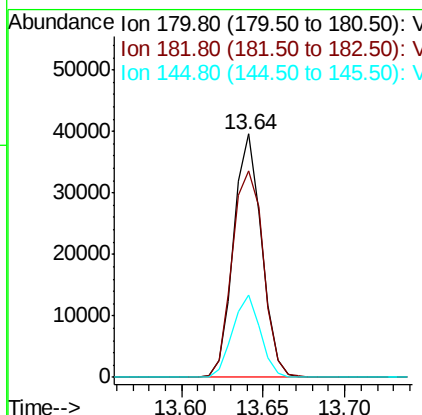
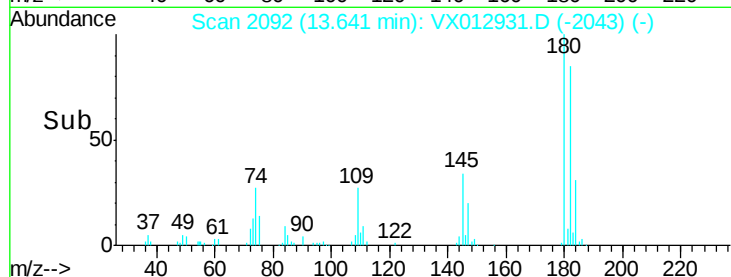
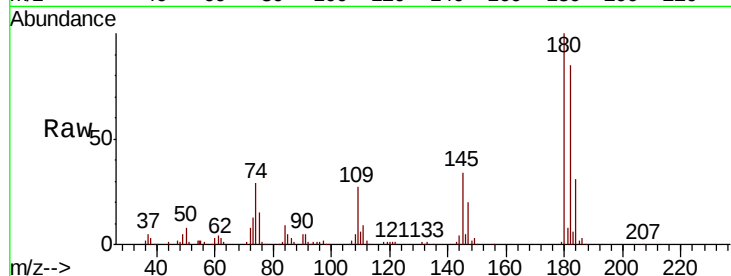
ClientSampleId :

VX1009WBS01

Tot Ion:	180	Resp:	47282
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.8	140.4
145	33.5	16.2	48.6

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#94

Hexachlorobutadiene

Concen: 19.775 ug/l

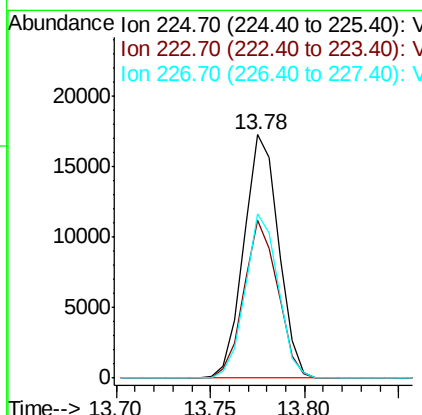
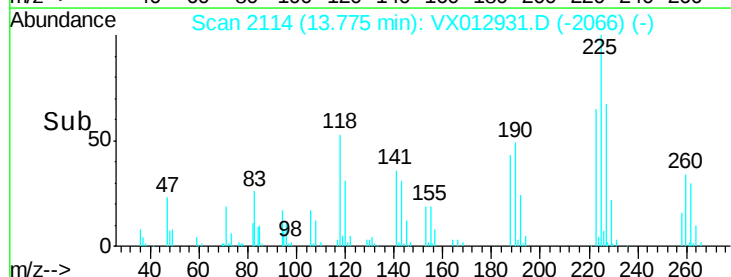
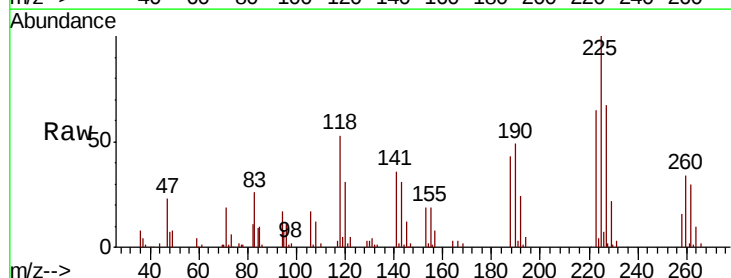
RT: 13.78 min Scan# 2114

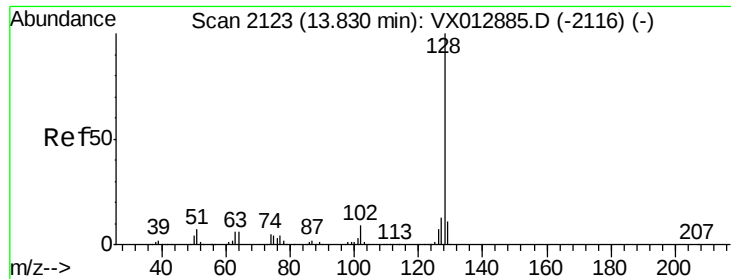
Delta R.T. -0.01 min

Lab File: VX012931.D

Acq: 09 Oct 2019 10:43

Tgt Ion:	225	Resp:	22071
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.1	93.2
227	64.2	32.3	96.9





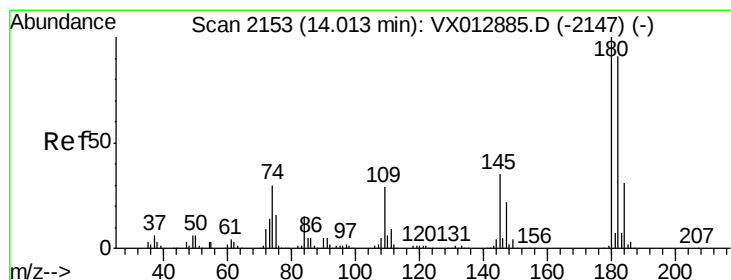
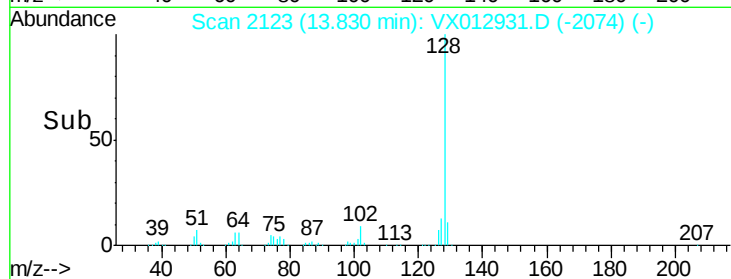
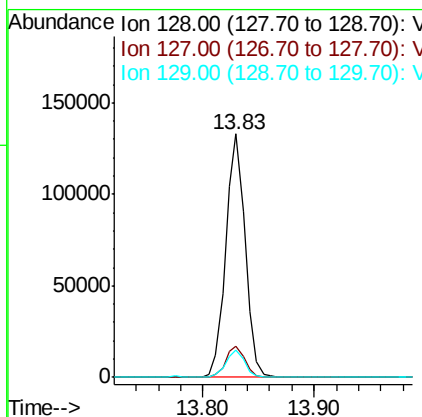
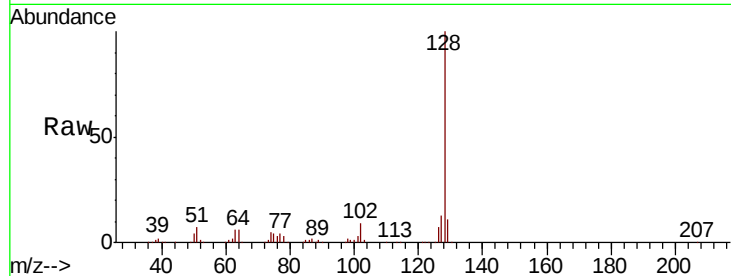
#95
Naphthalene
Concen: 19.077 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.634 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012931.D
Acq: 09 Oct 2019 10:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.5
145	35.1	17.4	52.3

