

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013091.D
 Acq On : 16 Oct 2019 12:41
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 4:52:05 PM

Quant Time: Oct 17 03:15:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 03:05:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	37822	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	213282	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	193749	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	86475	29.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.40%
60) 4-Bromofluorobenzene	11.13	95	99875	29.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.17%
63) Toluene-d8	8.71	98	263586	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	46983	18.425	ug/l 99
3) Chloromethane	1.32	50	46251	18.479	ug/l 98
4) Vinyl Chloride	1.40	62	44659	17.887	ug/l 94
5) Bromomethane	1.63	94	28641	24.547	ug/l 96
6) Chloroethane	1.72	64	28350	18.470	ug/l 99
7) Trichlorofluoromethane	1.92	101	66577	18.148	ug/l 99
8) Diethyl Ether	2.18	74	24632	18.245	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41752	18.055	ug/l 98
10) 1,1-Dichloroethene	2.36	96	41905	18.420	ug/l 95
11) Methyl Iodide	2.50	142	38953	14.000	ug/l 97
12) Methyl Acetate	2.76	43	56667	17.813	ug/l 100
13) Acrolein	2.28	56	42896	93.706	ug/l 94
14) Acrylonitrile	3.13	53	118559	89.287	ug/l 99
15) Acetone	2.43	58	39173	83.333	ug/l 98
16) Carbon Disulfide	2.56	76	114037	18.536	ug/l 96
17) Allyl chloride	2.72	41	68960	17.863	ug/l 95
18) Methylene Chloride	2.84	84	45906	17.737	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	44944	18.451	ug/l 95
20) Diisopropyl ether	3.84	45	136503	18.430	ug/l 96
21) 1,1-Dichloroethane	3.69	63	77492	18.142	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	50676	18.102	ug/l 100
23) tert-Butyl Alcohol	3.03	59	59674	88.949	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	142108	18.328	ug/l 99
25) Chloroform	5.20	83	80014	18.116	ug/l 98
26) Cyclohexane	5.57	56	71082	18.314	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	60163	18.493	ug/l 99
30) 2-Butanone	4.65	43	171726	89.616	ug/l 100
31) 2,2-Dichloropropane	4.57	77	68215	18.535	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	70064	18.410	ug/l 98
33) Carbon Tetrachloride	5.77	117	59156	18.118	ug/l 99
34) Benzene	6.13	78	177376	18.365	ug/l 99
35) Methacrylonitrile	5.03	41	33269	17.704	ug/l 95
36) 1,2-Dichloroethane	6.18	62	64671	18.520	ug/l 99
37) Trichloroethene	7.20	130	48536	18.811	ug/l 100
38) Methylcyclohexane	7.45	83	76879	19.308	ug/l 99
39) 1,2-Dichloropropane	7.50	63	45088	18.589	ug/l 97
40) Dibromomethane	7.65	93	30945	18.787	ug/l 95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	60053	18.362	ug/l	99
42) Vinyl Acetate	3.80	43	589626	93.961	ug/l	100
43) Ethyl Acetate	4.82	43	59562	17.271	ug/l	100
44) Isopropyl Acetate	6.43	43	101026	18.166	ug/l	98
45) 1,4-Dioxane	7.73	88	24357	356.361	ug/l	95
46) Methyl methacrylate	7.76	41	49256	18.122	ug/l	92
47) n-amyl Acetate	10.89	43	85640	18.086	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	67252	18.580	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	75332	18.866	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	44603	17.943	ug/l	98
51) Ethyl methacrylate	9.17	69	71895	18.389	ug/l	96
52) 1,3-Dichloropropane	9.36	76	76026	18.223	ug/l	99
53) Dibromochloromethane	9.57	129	45952	18.001	ug/l	100
54) 1,2-Dibromoethane	9.67	107	49075	18.769	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	157480	91.557	ug/l	100
56) Bromoform	10.85	173	31337	17.641	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	315493	89.492	ug/l	100
59) 2-Hexanone	9.48	43	246401	89.567	ug/l	100
61) Tetrachloroethene	9.33	164	45602	18.474	ug/l	94
62) Toluene	8.78	91	196603	18.672	ug/l	100
64) Chlorobenzene	10.14	112	125411	18.741	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	43813	17.826	ug/l	97
66) Ethyl Benzene	10.25	91	222174	18.487	ug/l	98
67) m/p-Xylenes	10.35	106	169272	37.439	ug/l	100
68) o-Xylene	10.70	106	82027	18.631	ug/l	97
69) Styrene	10.71	104	138469	18.269	ug/l	99
70) Isopropylbenzene	11.01	105	219693	18.682	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	67799	17.716	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	56333m	17.703	ug/l	
73) Bromobenzene	11.25	156	52183	18.606	ug/l	96
74) n-propylbenzene	11.35	91	247701	18.858	ug/l	100
75) 2-Chlorotoluene	11.42	91	148040	18.398	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	179807	17.969	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	21596	17.537	ug/l	89
78) 4-Chlorotoluene	11.51	91	172342	18.522	ug/l	99
79) tert-butylbenzene	11.76	119	174810	18.571	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	184694	18.508	ug/l	97
81) sec-Butylbenzene	11.94	105	202619	17.869	ug/l	98
82) p-Isopropyltoluene	12.06	119	190805	18.453	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	94944	18.677	ug/l	97
84) 1,4-Dichlorobenzene	12.09	146	93357	18.259	ug/l	99
85) n-Butylbenzene	12.39	91	159363	18.057	ug/l	97
86) Hexachloroethane	12.59	117	31112	17.364	ug/l	91
87) 1,2-Dichlorobenzene	12.39	146	90510	18.052	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	15536	17.679	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	58172	18.596	ug/l	99
90) Hexachlorobutadiene	13.78	225	26906	18.121	ug/l	95
91) Naphthalene	13.83	128	188880	17.753	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	58756	18.751	ug/l	97

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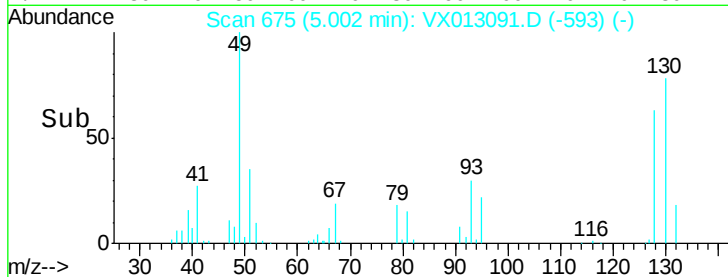
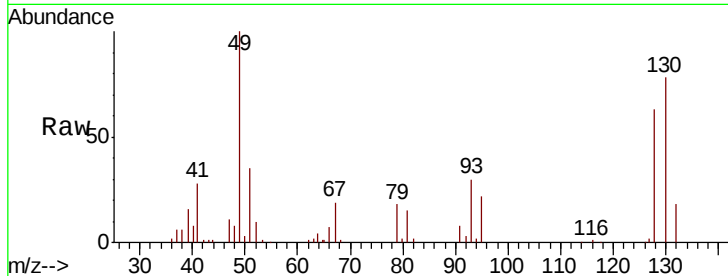
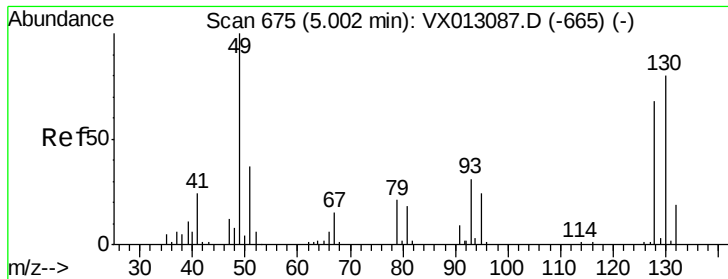
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tot Ion:	128	Resp:	37822
Ion	Ratio	Lower	Upper
128	100		
49	151.8	0.0	382.3
130	127.0	0.0	321.8

Instrument :

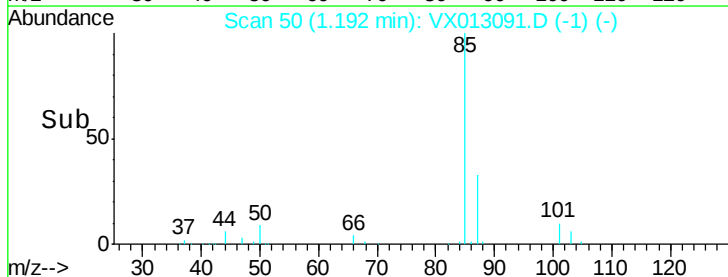
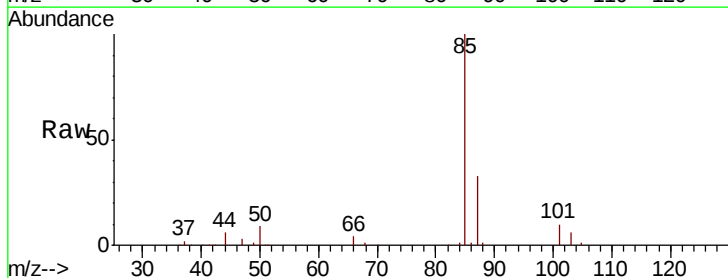
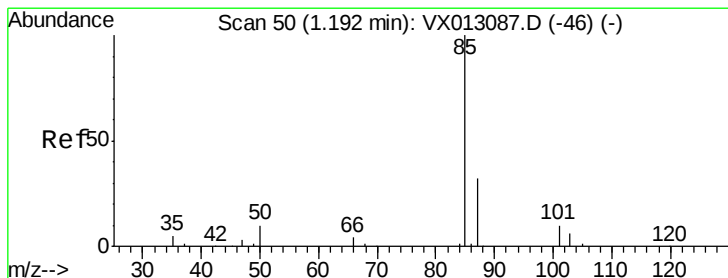
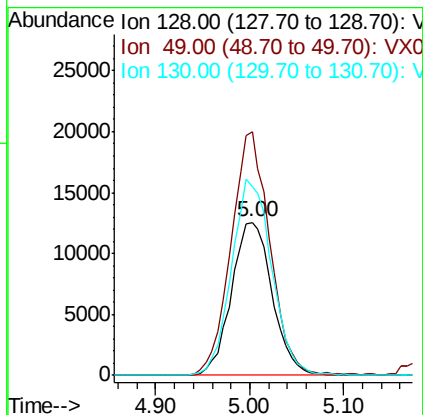
MSVOA_X

ClientSampleId :

ICVVX101619

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#2

Dichlorodifluoromethane

Concen: 18.425 ug/l

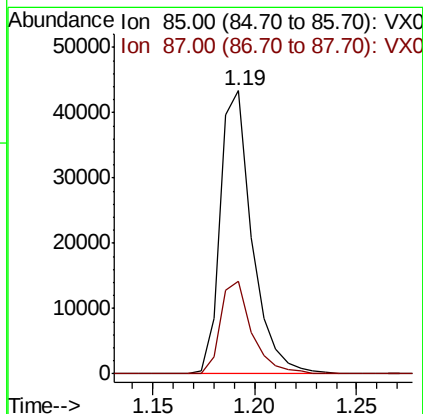
RT: 1.19 min Scan# 50

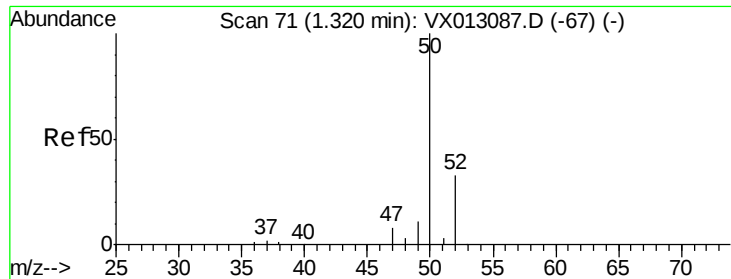
Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion:	85	Resp:	46983
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.2	48.5





#3

Chloromethane

Concen: 18.479 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 50 Resp: 46251

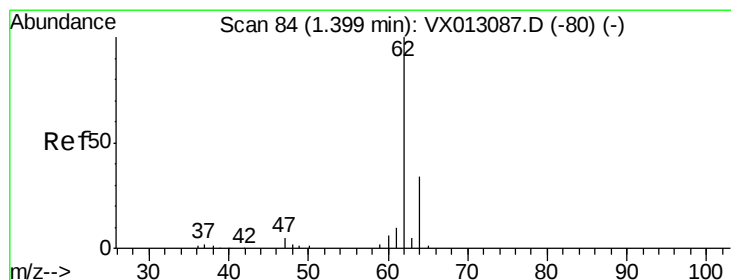
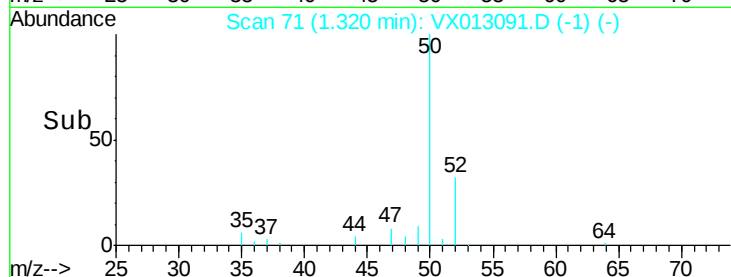
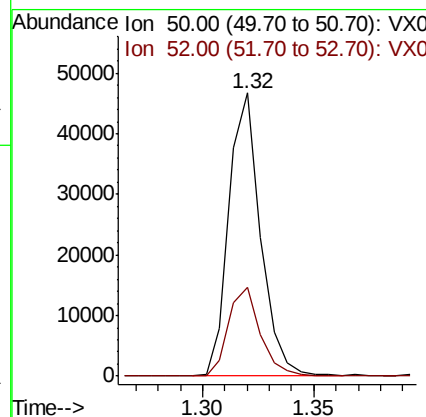
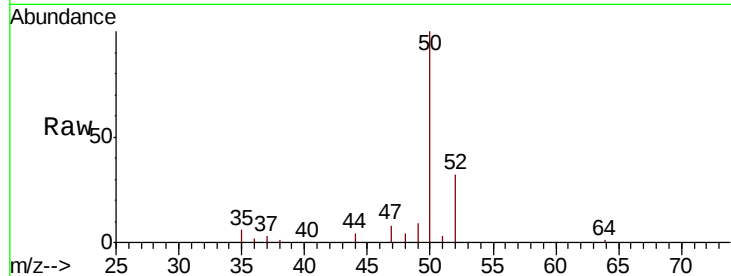
Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.887 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013091.D

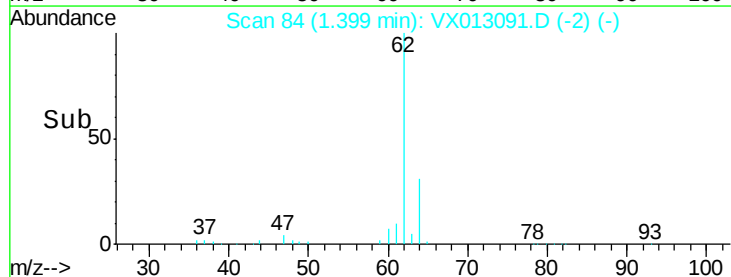
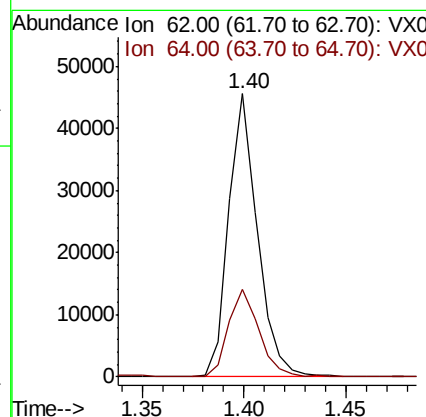
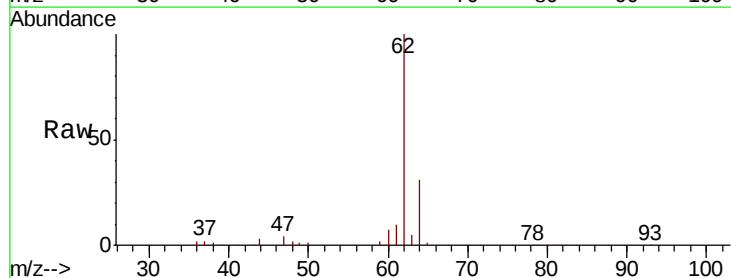
Acq: 16 Oct 2019 12:41

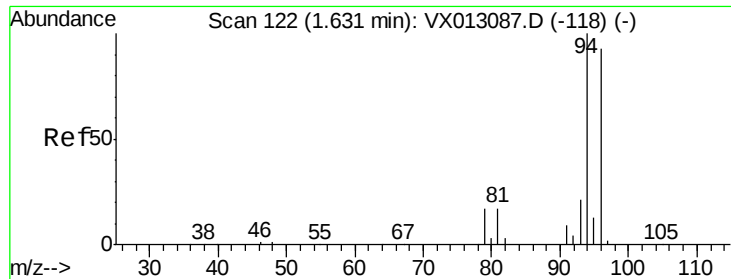
Tgt Ion: 62 Resp: 44659

Ion Ratio Lower Upper

62 100

64 30.7 27.4 41.0





#5

Bromomethane

Concen: 24.547 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 94 Resp: 28641

Ion Ratio Lower Upper

94 100

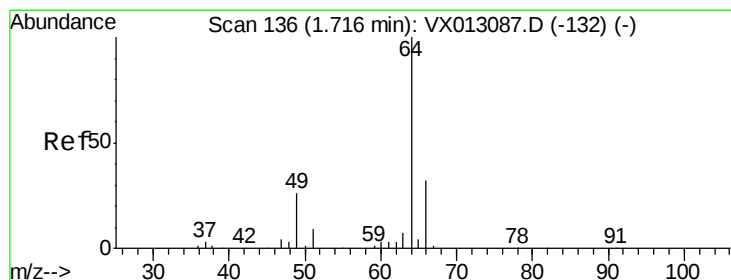
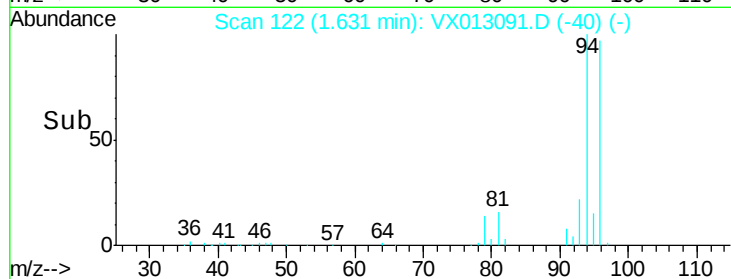
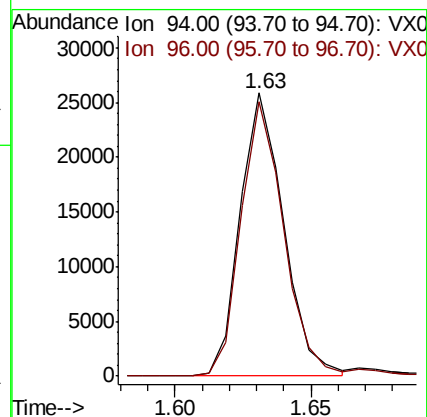
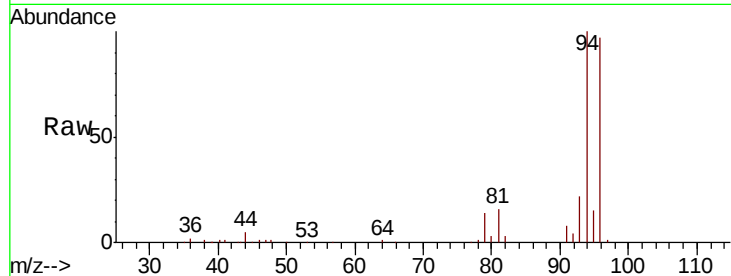
96 96.6 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 18.470 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013091.D

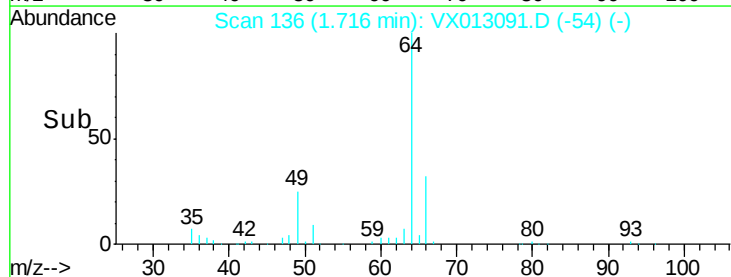
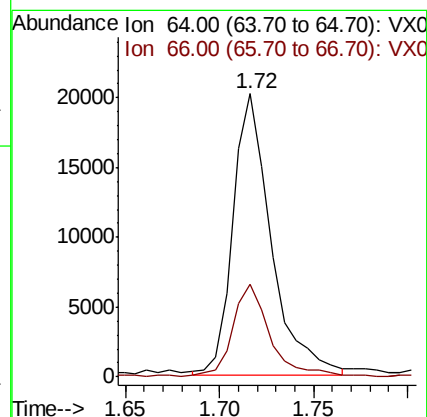
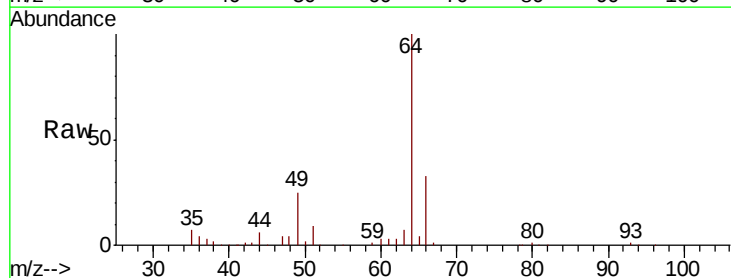
Acq: 16 Oct 2019 12:41

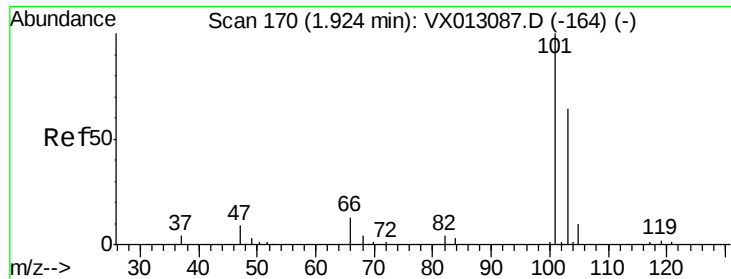
Tgt Ion: 64 Resp: 28350

Ion Ratio Lower Upper

64 100

66 32.5 25.6 38.4





#7

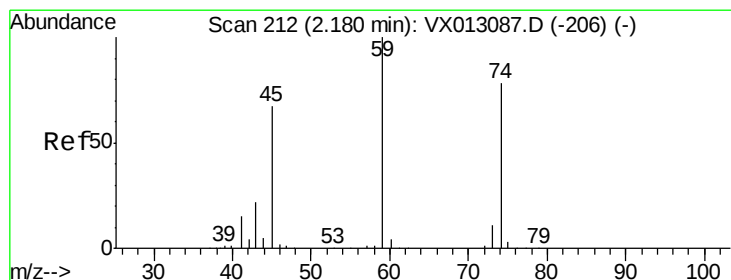
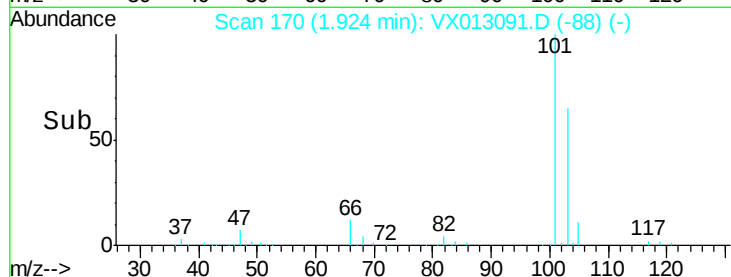
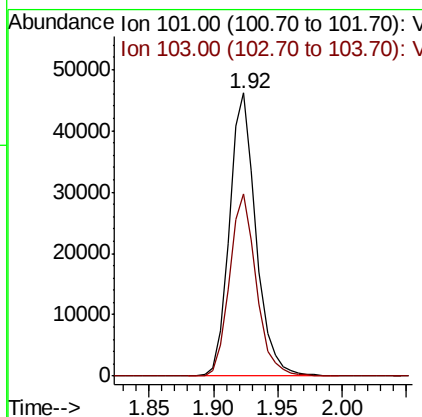
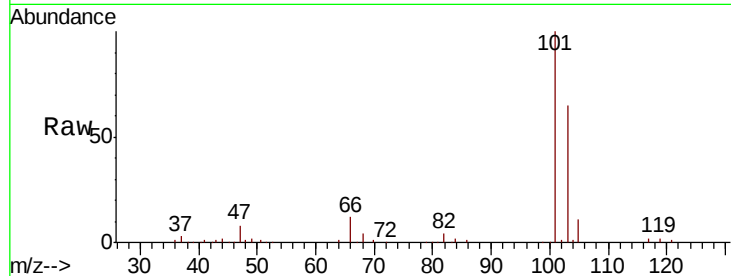
Trichlorofluoromethane
Concen: 18.148 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013091.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.9	76.3

Manual Integrations
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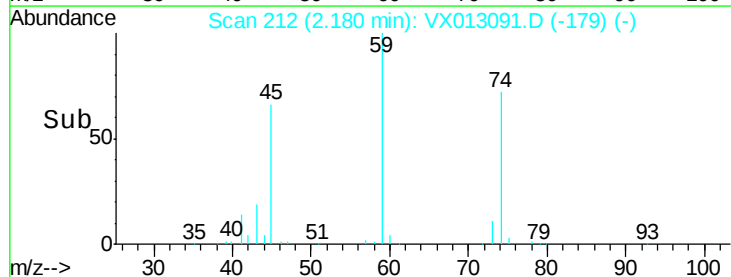
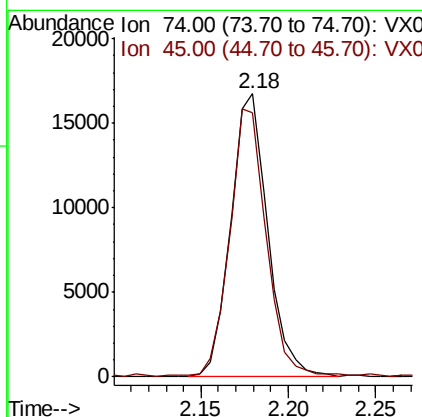
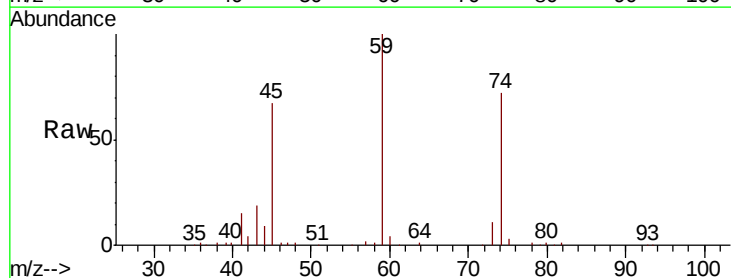
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10/18/2019 4:52:05 PM

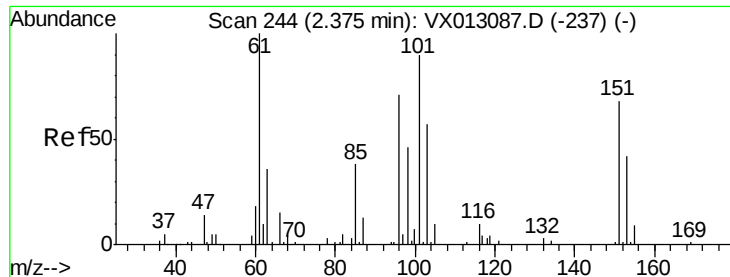


#8

Diethyl Ether
Concen: 18.245 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	18.2	163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

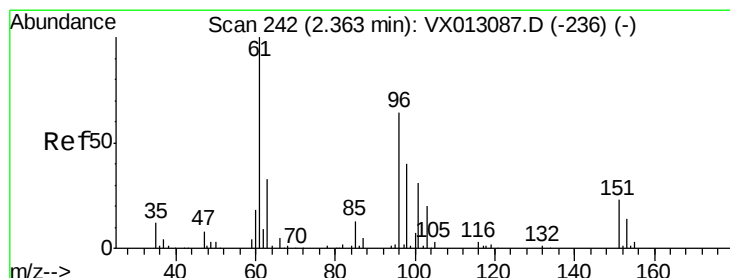
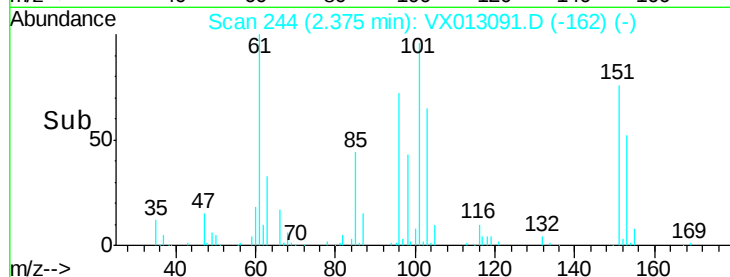
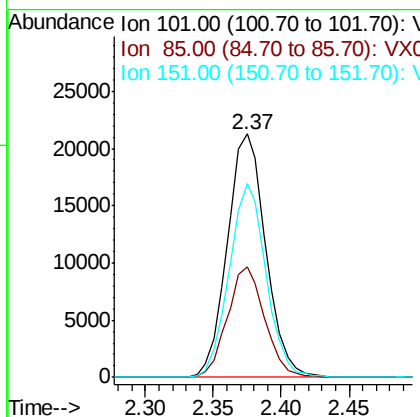
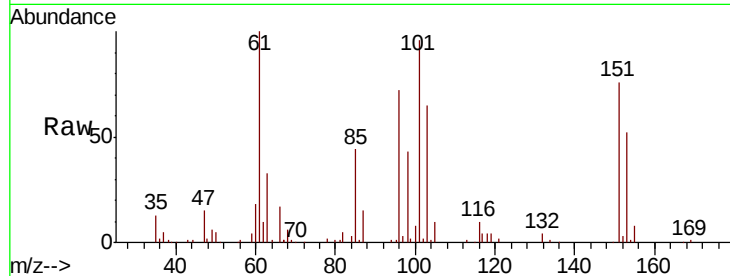
ClientSampleId :

ICVVX101619

Tot Ion:	101	Resp:	41752
Ion Ratio	Lower	Upper	
101	100		
85	44.2	0.0	85.2
151	76.8	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.420 ug/l

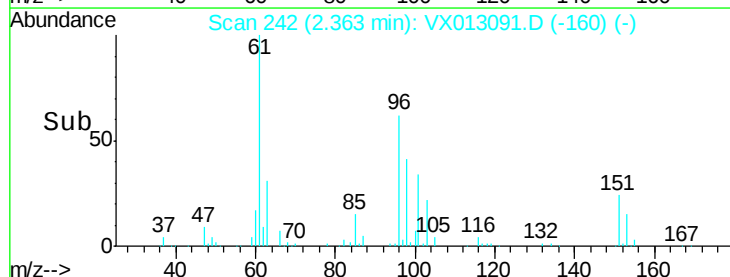
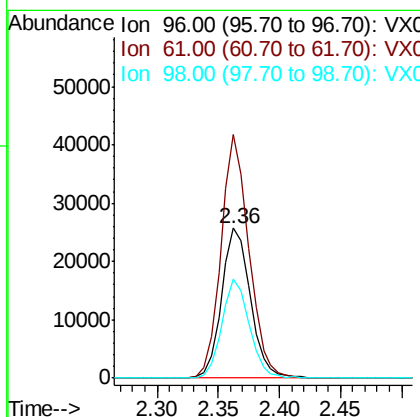
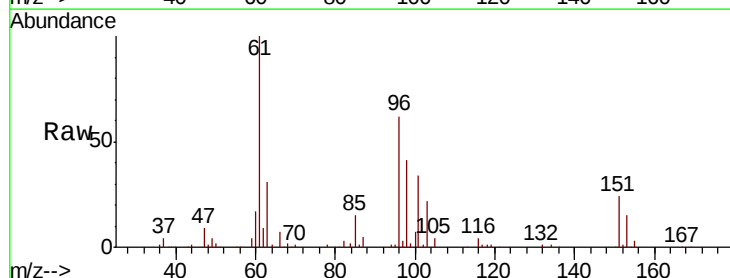
RT: 2.36 min Scan# 242

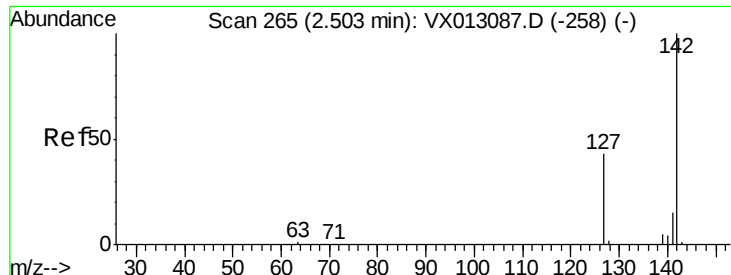
Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion:	96	Resp:	41905
Ion Ratio	Lower	Upper	
96	100		
61	162.2	124.2	186.2
98	66.1	50.2	75.2





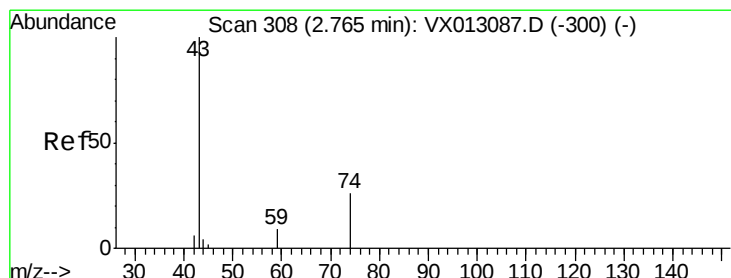
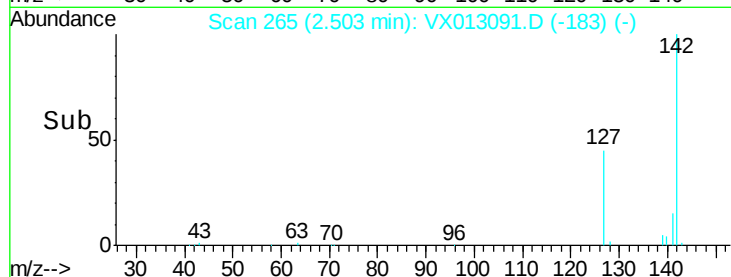
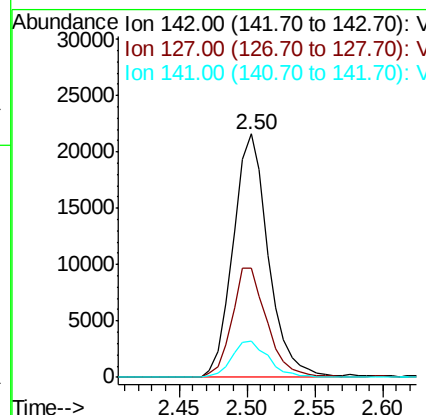
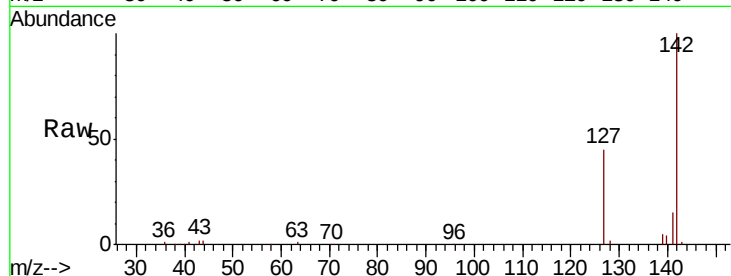
#11
Methvl Iodide
Concen: 14.000 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	21.4	64.2
141	15.2	7.3	21.9

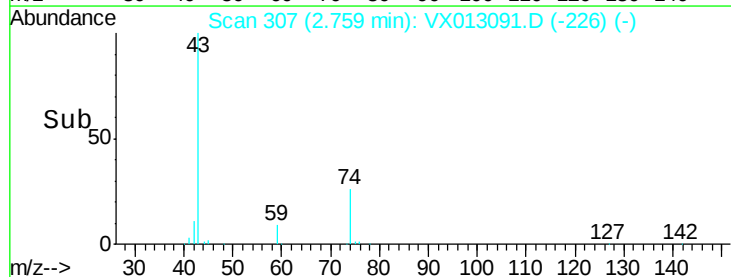
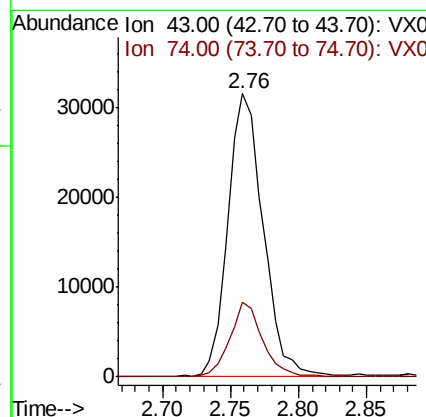
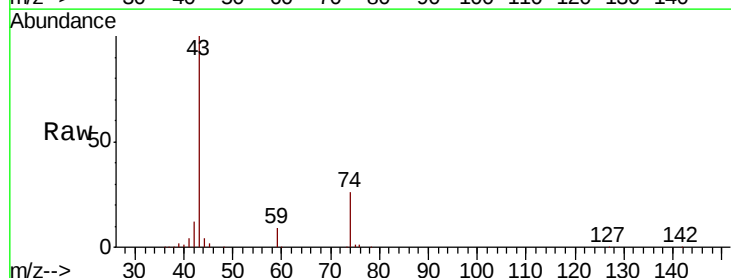
Manual Integrations
APPROVED

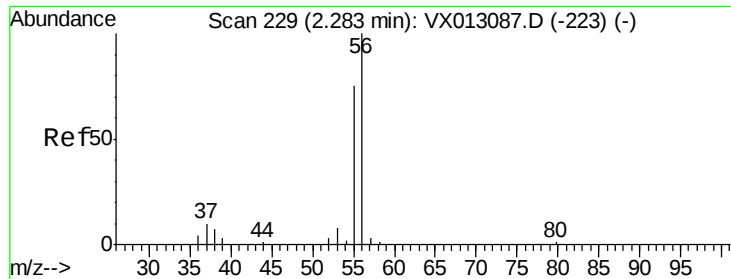
MMDadoda
10/18/2019 4:52:05 PM



#12
Methyl Acetate
Concen: 17.813 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.9	31.3





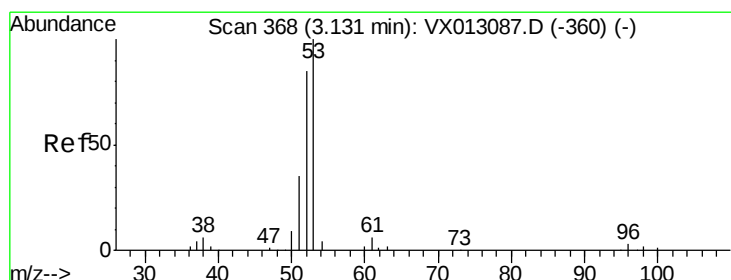
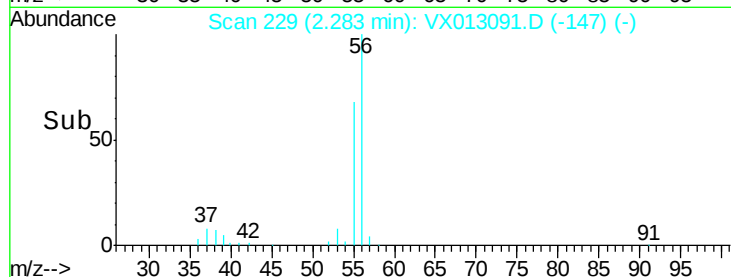
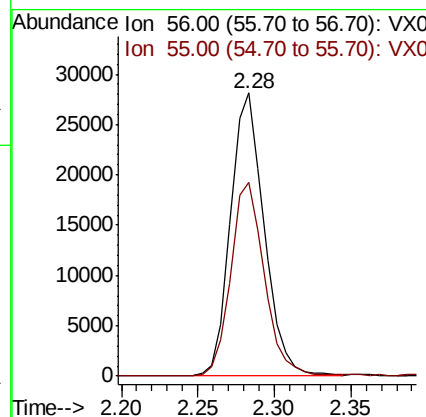
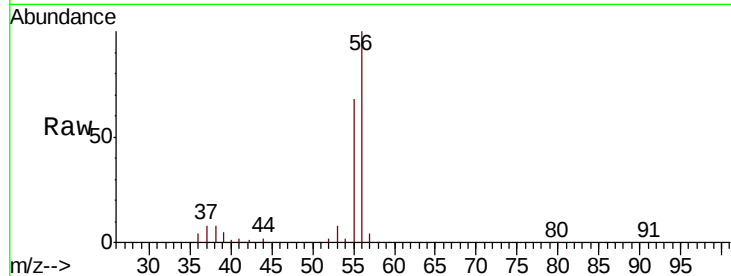
#13
Acrolein
Concen: 93.706 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	56	55	Resp	Lower	Upper
42896	100	67.5		57.8	86.8

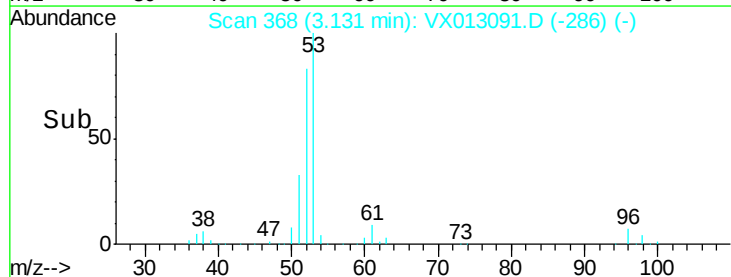
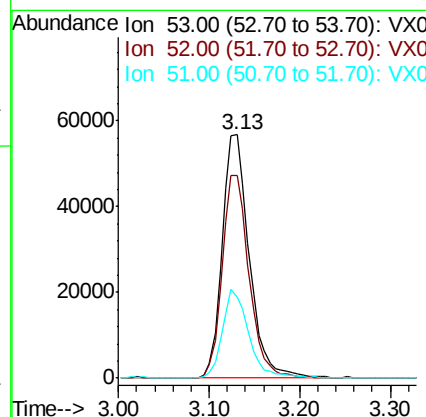
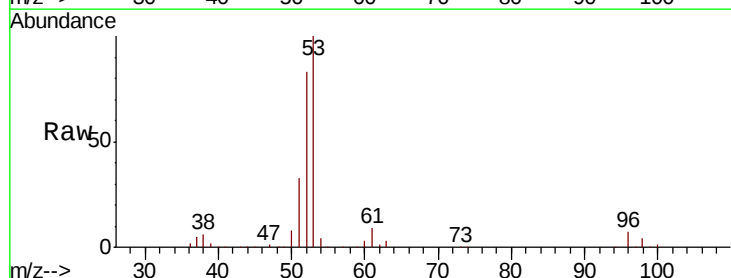
Manual Integrations
APPROVED

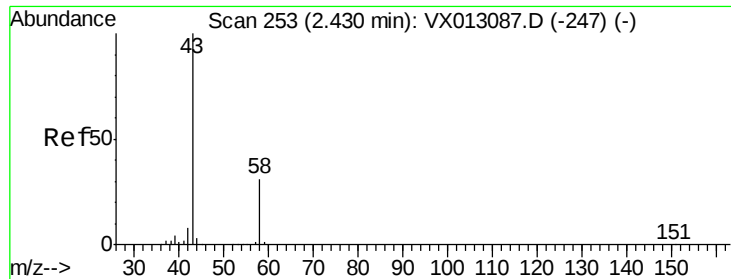
MMDadoda
10/18/2019 4:52:05 PM



#14
Acrylonitrile
Concen: 89.287 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	53	52	51	Resp	Lower	Upper
118559	100	82.2	35.3		41.4	124.2





#15

Acetone

Concen: 83.333 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 58 Resp: 39173

Ion Ratio Lower Upper

58 100

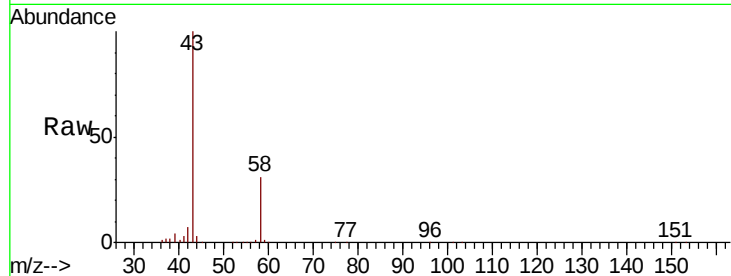
43 321.2 259.5 389.3

Manual Integrations

APPROVED

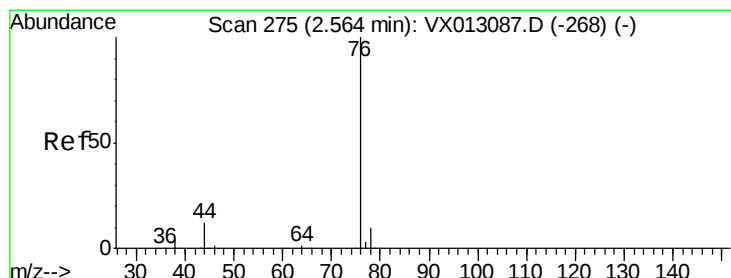
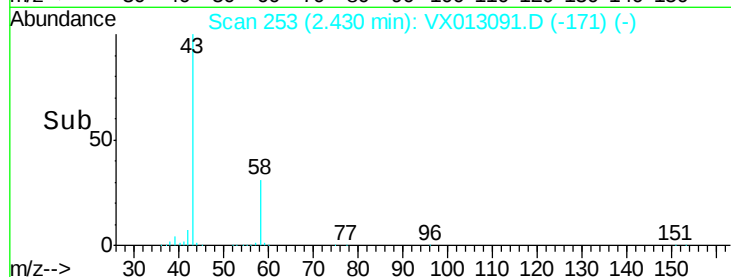
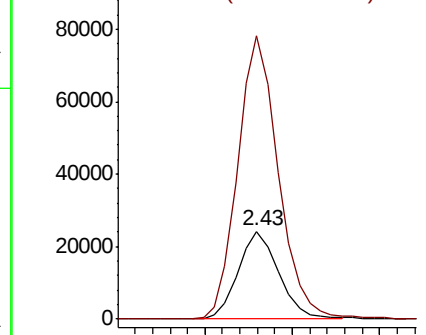
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.536 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013091.D

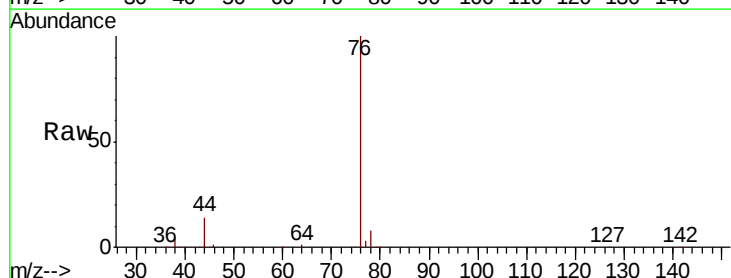
Acq: 16 Oct 2019 12:41

Tgt Ion: 76 Resp: 114037

Ion Ratio Lower Upper

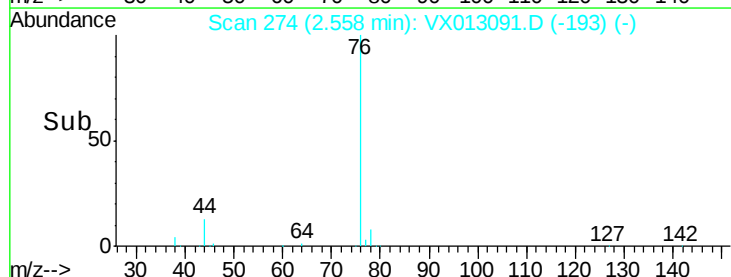
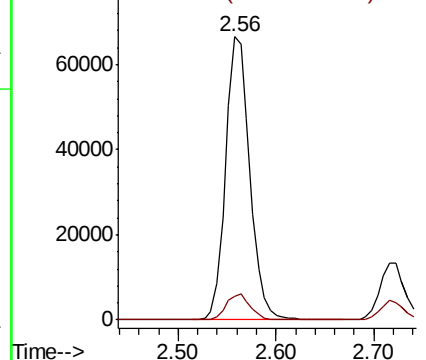
76 100

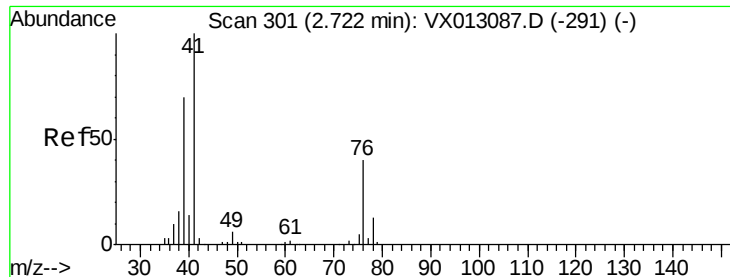
78 8.3 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





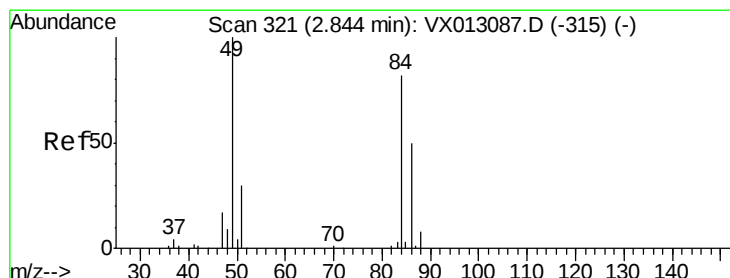
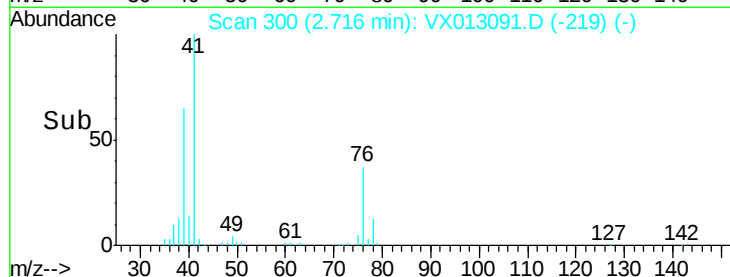
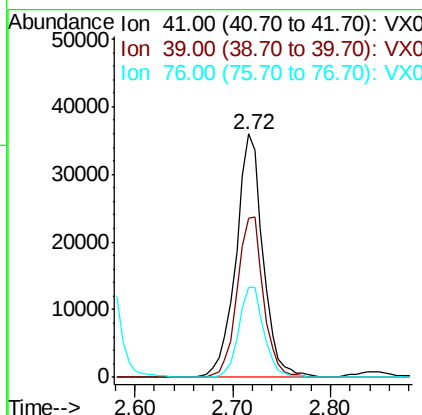
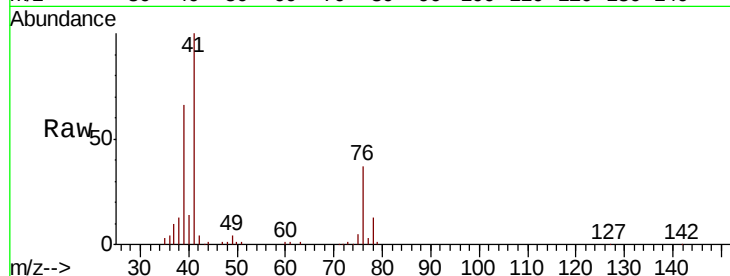
#17
Allvl chloride
Concen: 17.863 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.6	34.8	104.5
76	37.2	20.2	60.5

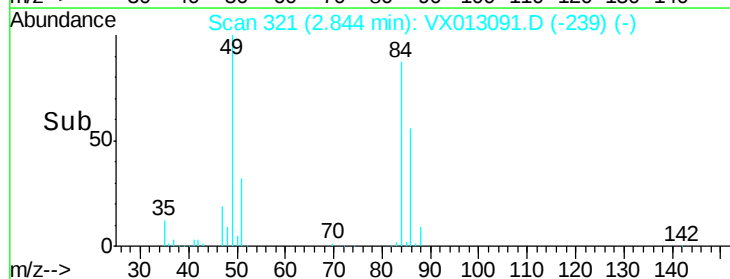
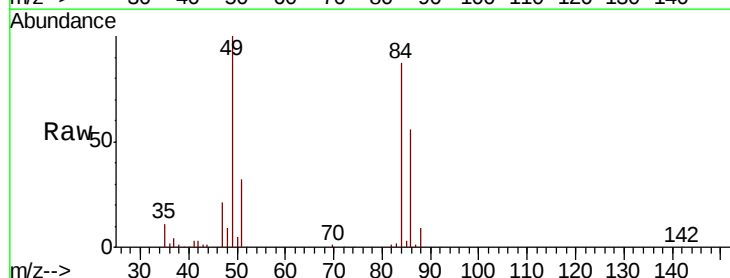
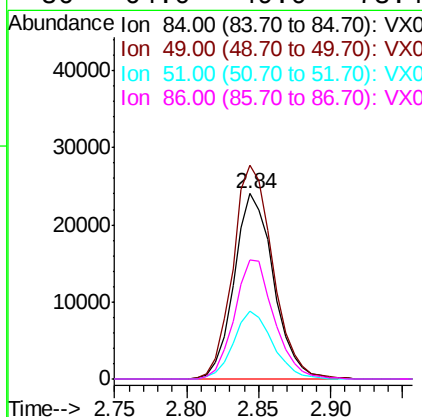
Manual Integrations
APPROVED

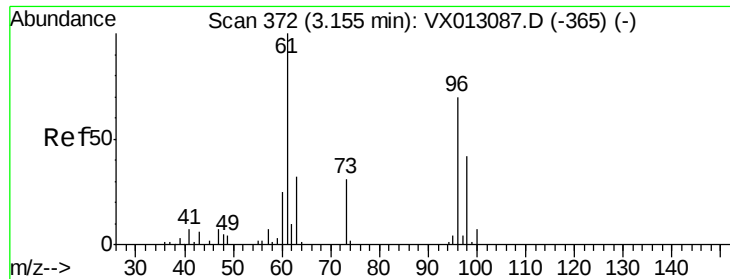
MMDadoda
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#18
Methylene Chloride
Concen: 17.737 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.3	97.8	146.6
51	36.4	29.2	43.8
86	64.0	49.0	73.4





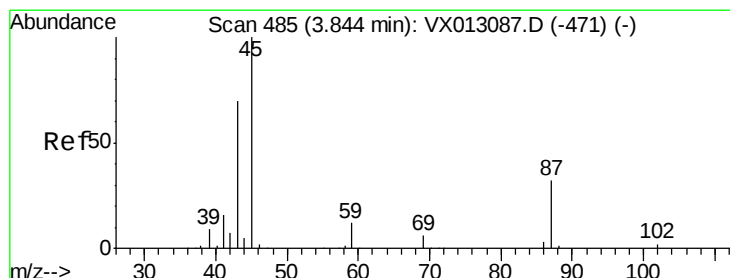
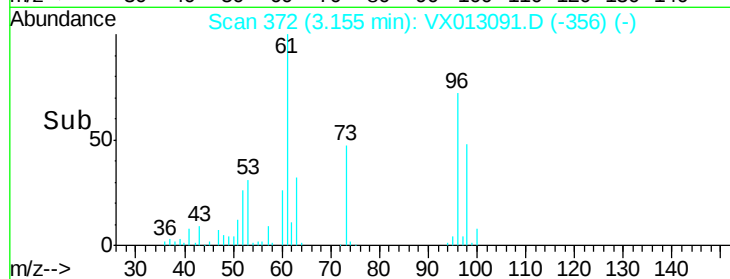
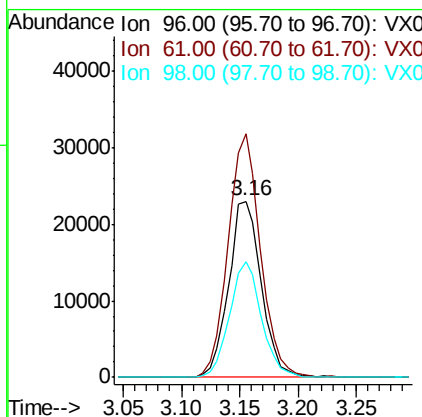
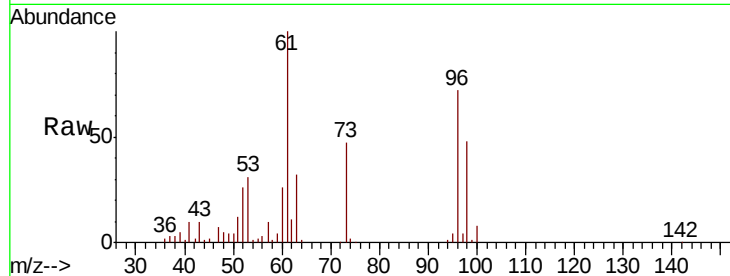
#19
trans-1,2-Dichloroethene
Concen: 18.451 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	113.9	170.9
98	66.0	48.1	72.1

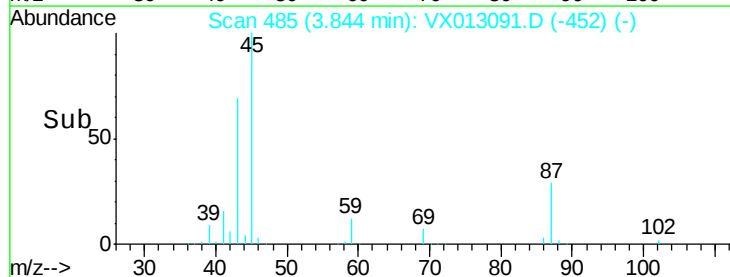
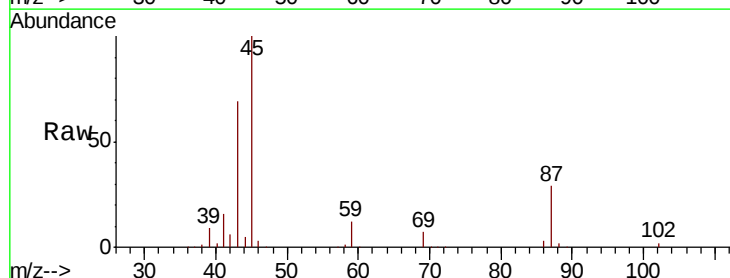
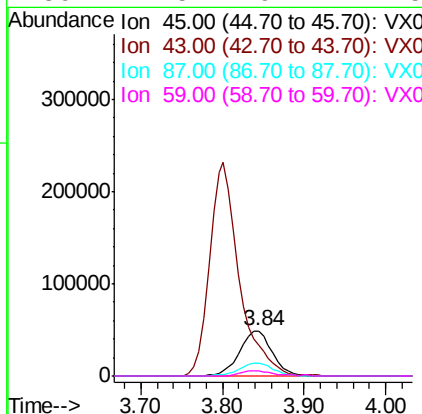
Manual Integrations
APPROVED

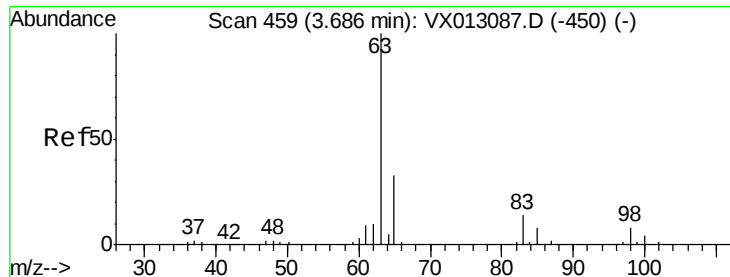
MMDadoda
10/18/2019 4:52:05 PM



#20
Diisopropyl ether
Concen: 18.430 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.7	57.5	86.3
87	29.4	25.3	37.9
59	12.5	9.7	14.5





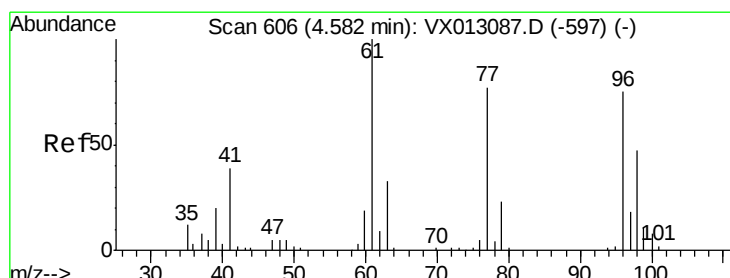
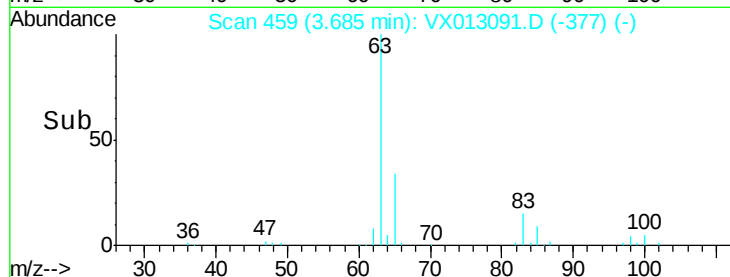
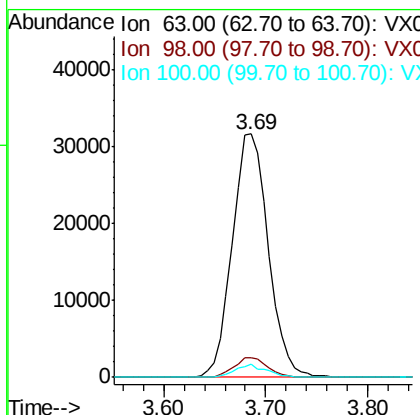
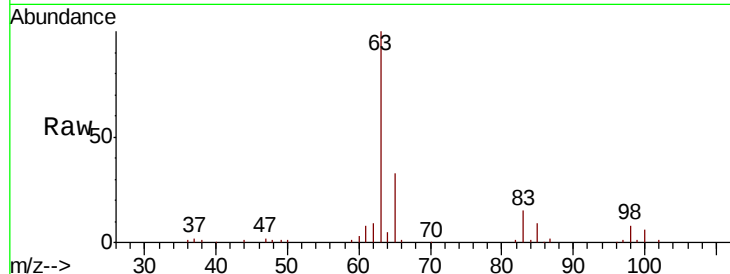
#21
1,1-Dichloroethane
Concen: 18.142 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.4
100	5.6	2.1	6.5

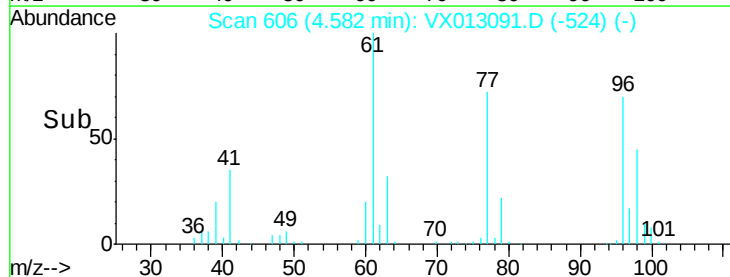
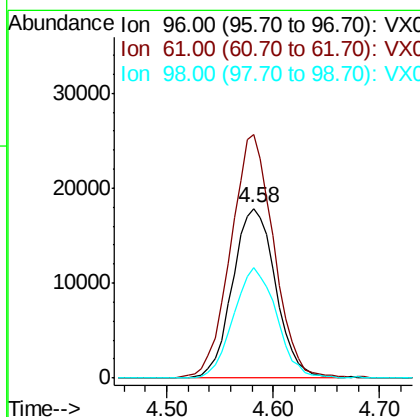
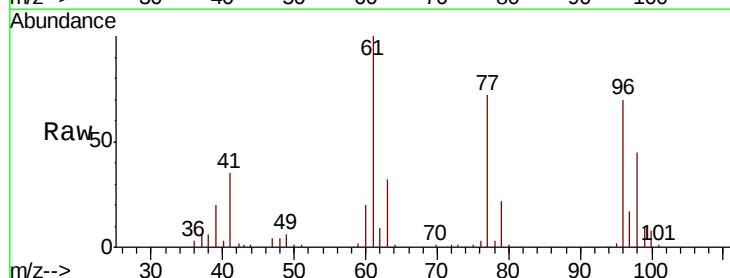
Manual Integrations
APPROVED

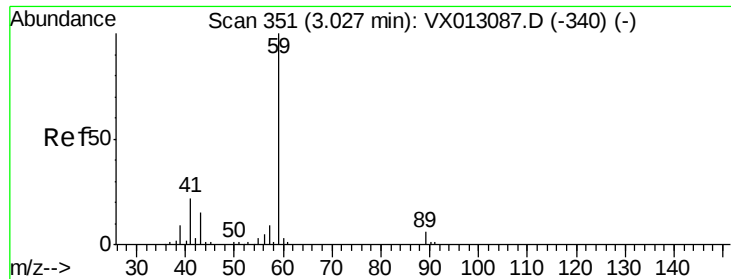
MMDadoda
10/18/2019 4:52:05 PM



#22
cis-1,2-Dichloroethene
Concen: 18.102 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	115.0	172.4
98	65.0	51.5	77.3





#23

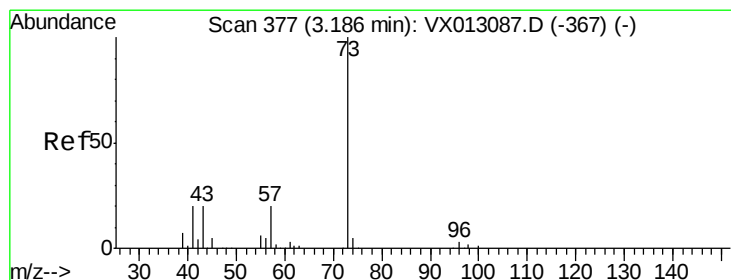
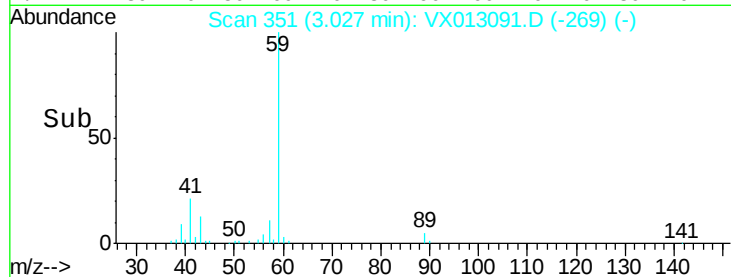
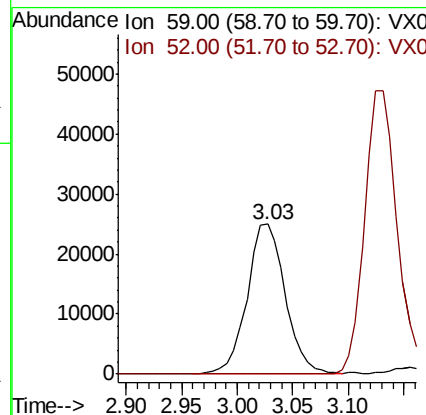
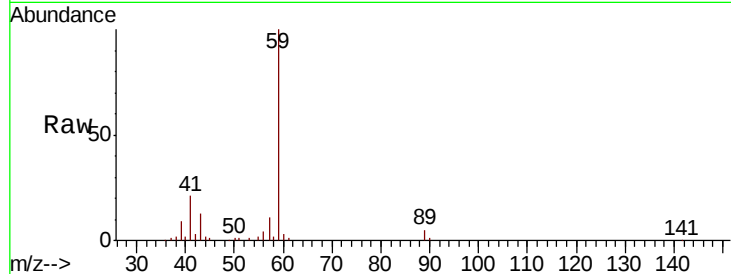
tert-Butyl Alcohol
Concen: 88.949 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.0	0.1	0.1	#

Manual Integrations
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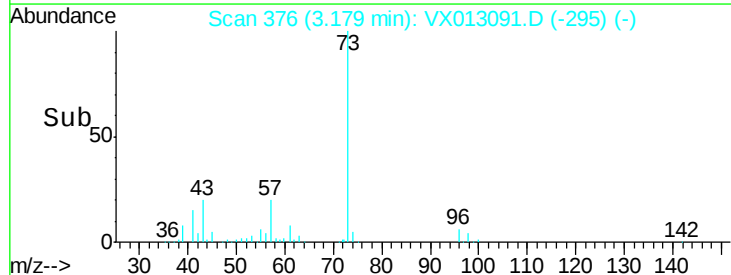
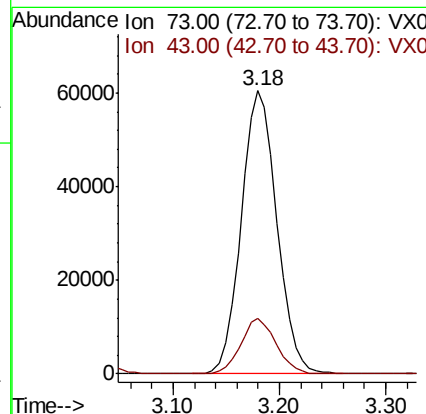
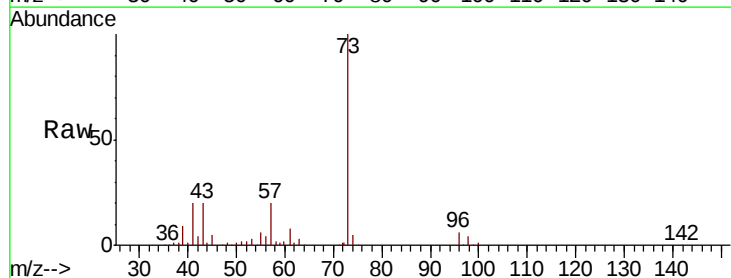
MMDadoda
10/18/2019 4:52:05 PM

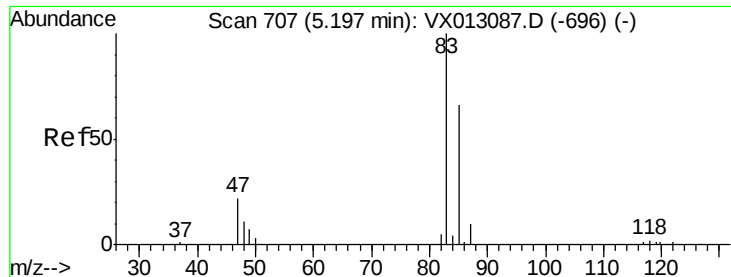


#24

Methyl tert-Butyl Ether
Concen: 18.328 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	19.6	15.8	23.8	





#25

Chloroform

Concen: 18.116 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 83 Resp: 80014

Ion Ratio Lower Upper

83 100

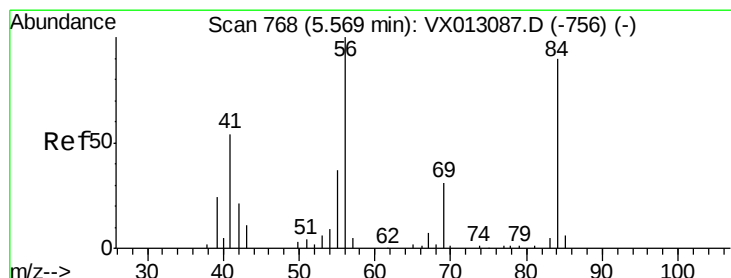
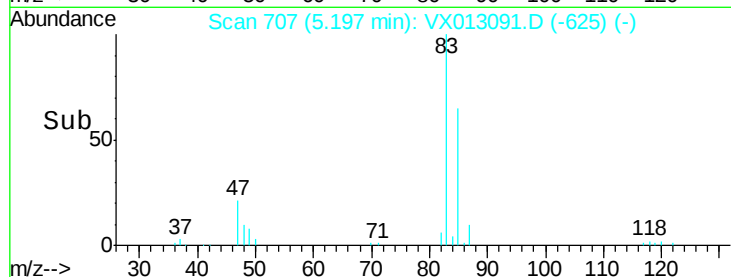
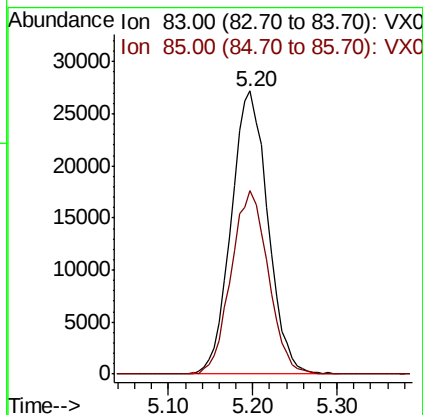
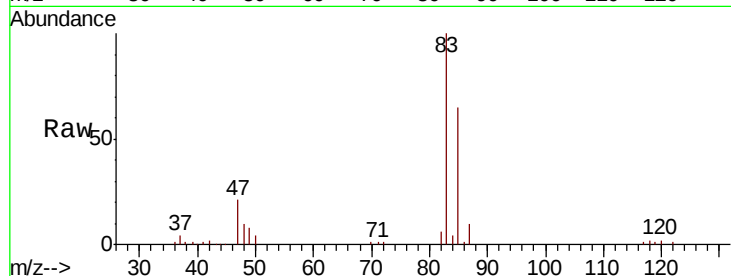
85 64.9 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

10/18/2019 4:52:05 PM



#26

Cyclohexane

Concen: 18.314 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

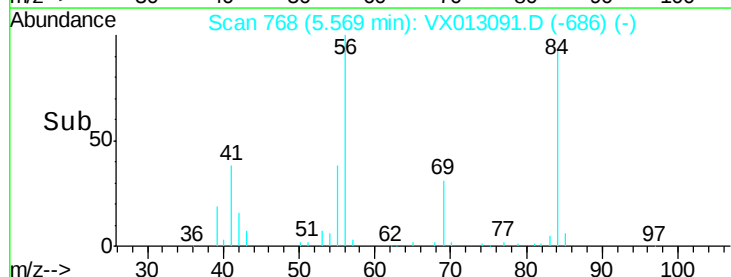
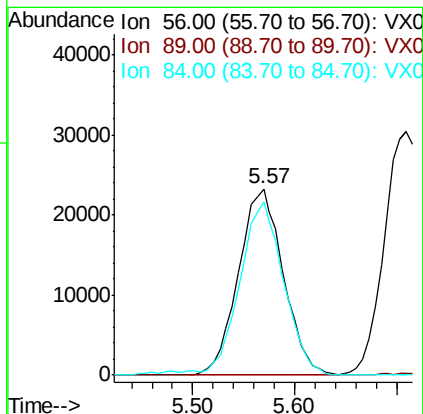
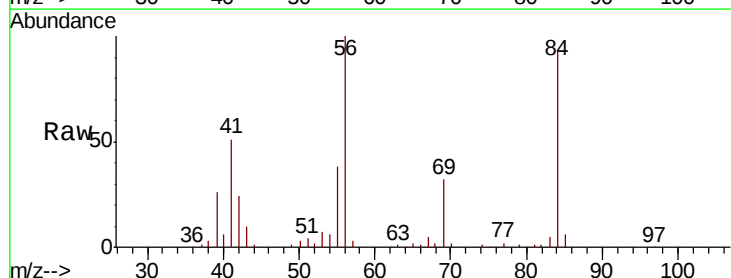
Tgt Ion: 56 Resp: 71082

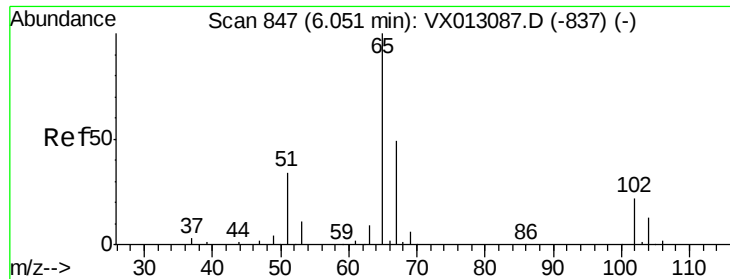
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.6 71.3 106.9





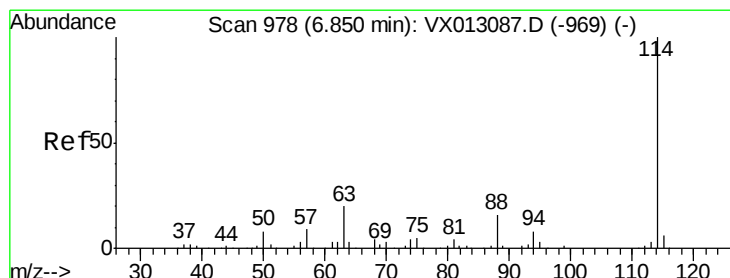
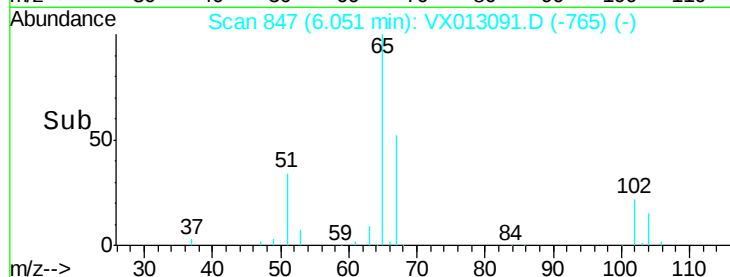
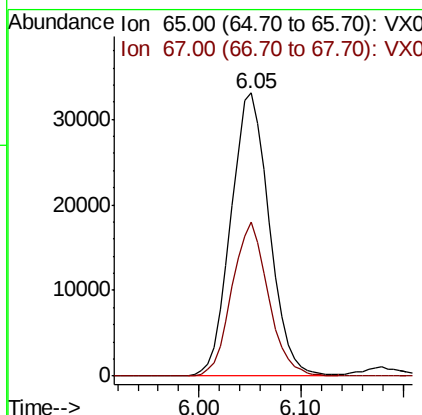
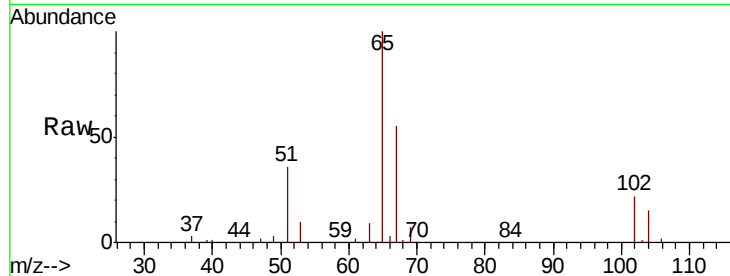
#27
 1,2-Dichloroethane-d4
 Concen: 29.816 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	41.2	61.8

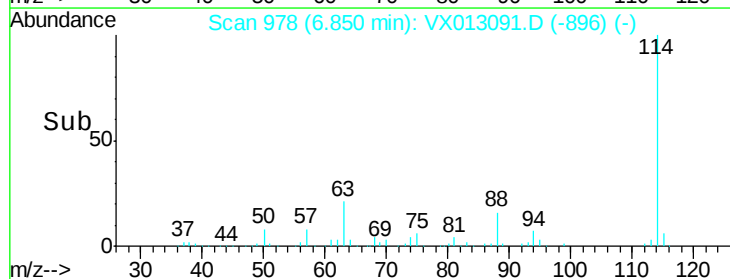
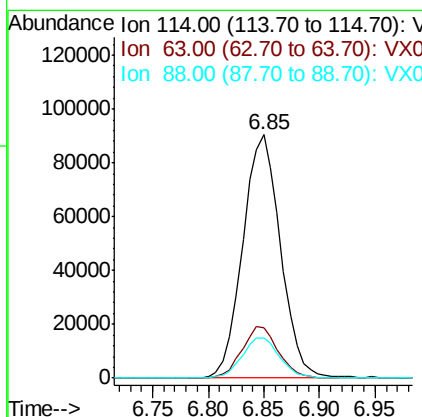
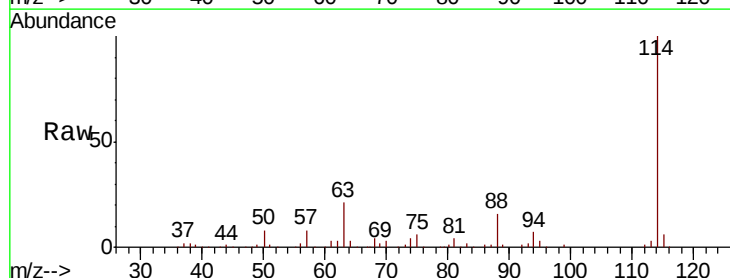
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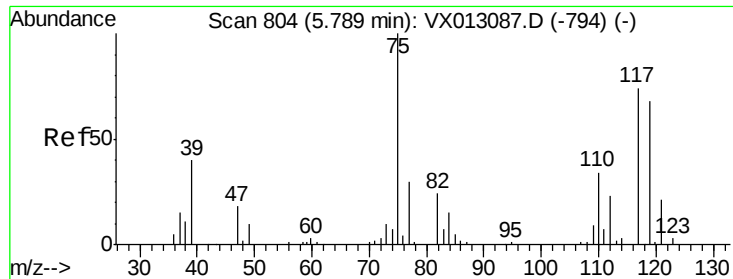
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.5	24.7
88	16.5	13.6	20.4





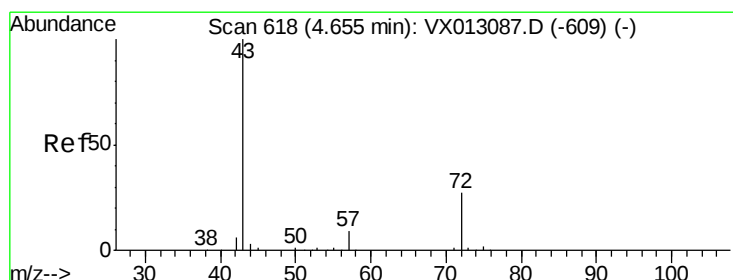
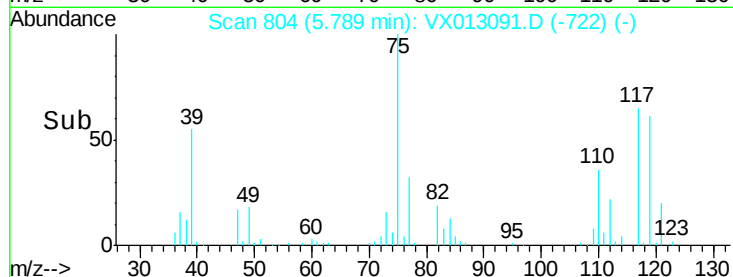
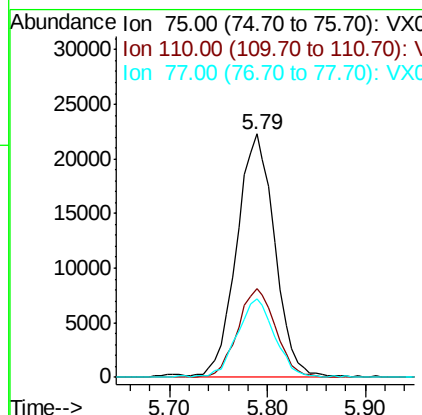
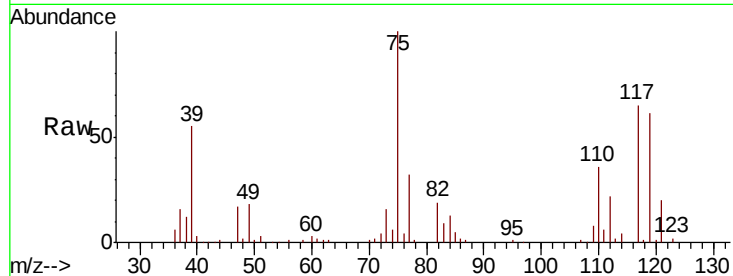
#29
 1,1-Dichloropropene
 Concen: 18.493 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	72.2
77	31.9	0.0	62.8

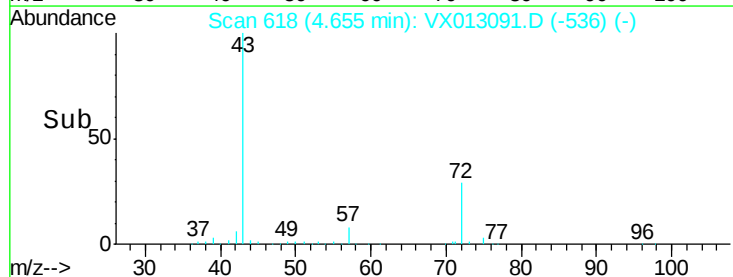
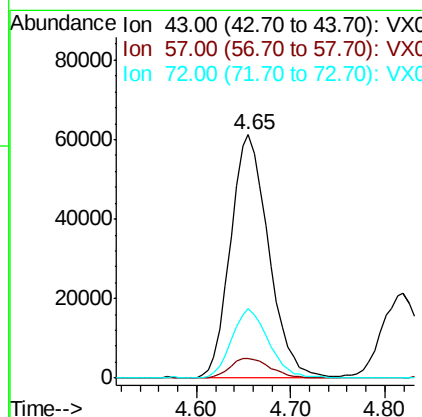
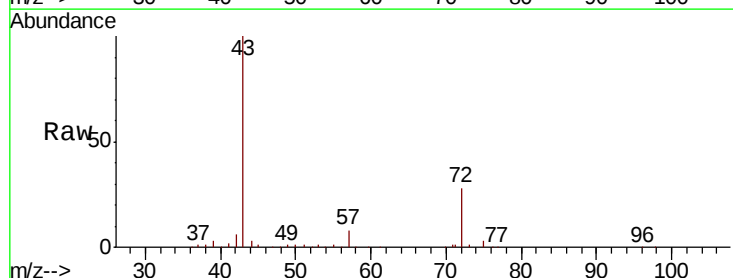
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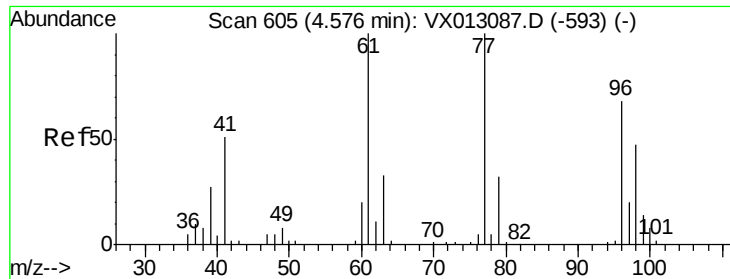
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#30
 2-Butanone
 Concen: 89.616 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.9	10.3
72	27.8	22.1	33.1





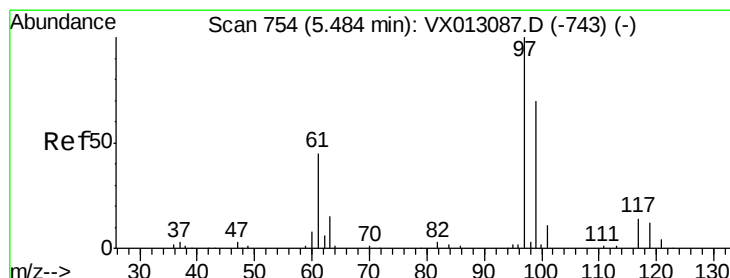
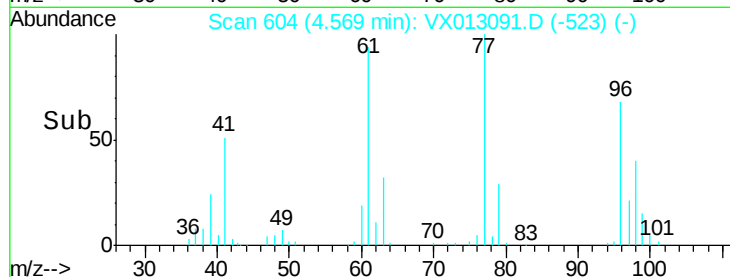
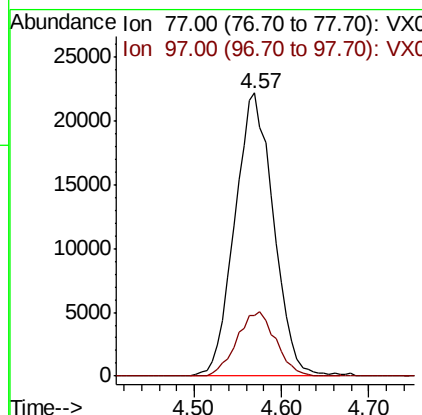
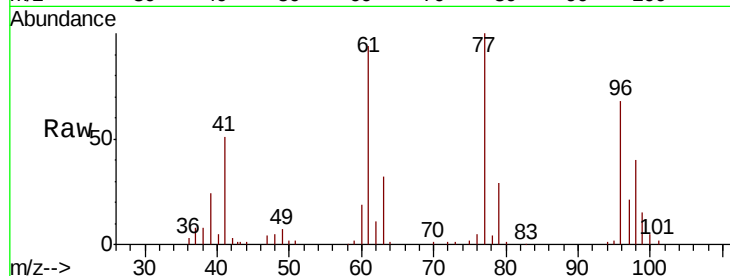
#31
 2,2-Dichloropropane
 Concen: 18.535 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion: 77 Resp: 68215
 Ion Ratio Lower Upper
 77 100
 97 23.0 17.8 26.6

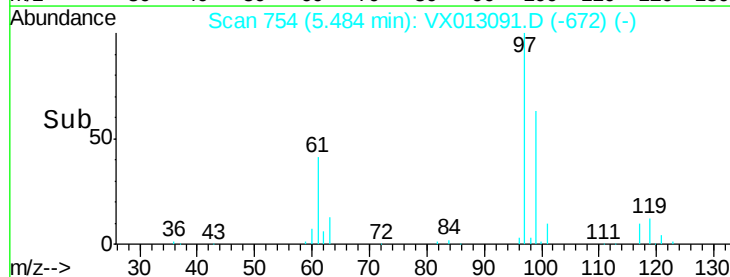
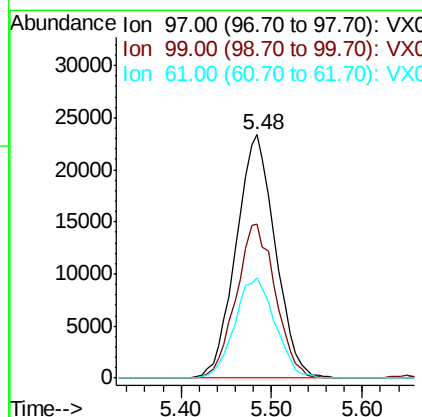
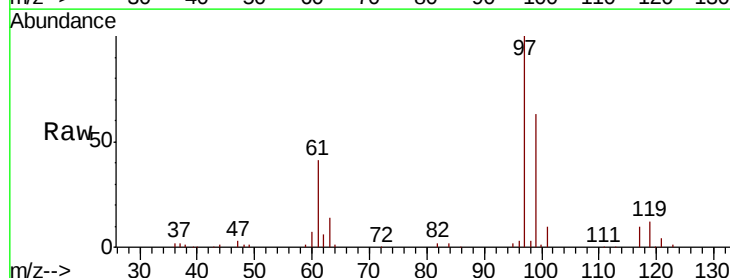
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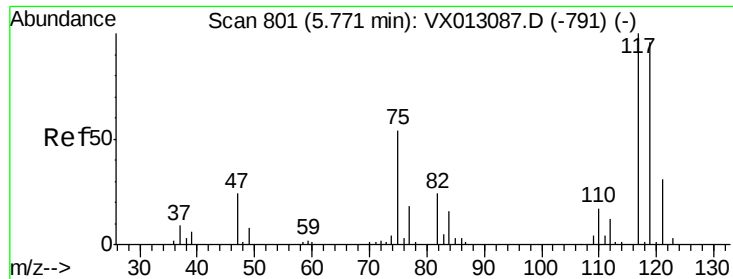
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 18.410 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 97 Resp: 70064
 Ion Ratio Lower Upper
 97 100
 99 63.4 52.4 78.6
 61 42.4 35.1 52.7





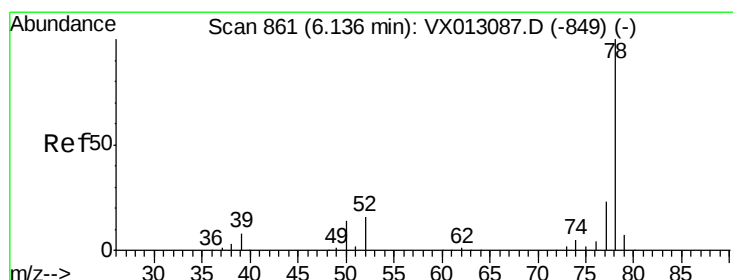
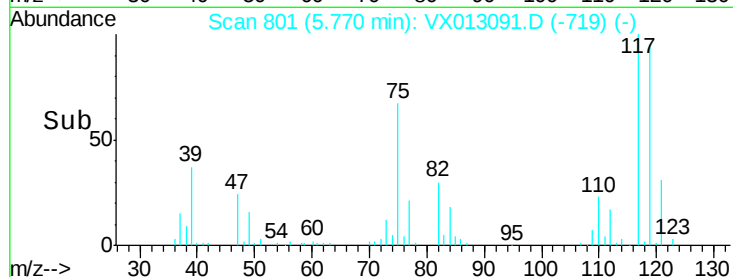
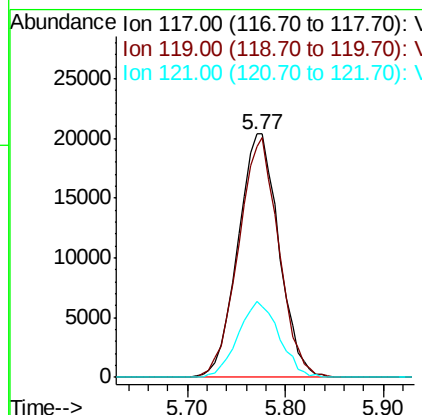
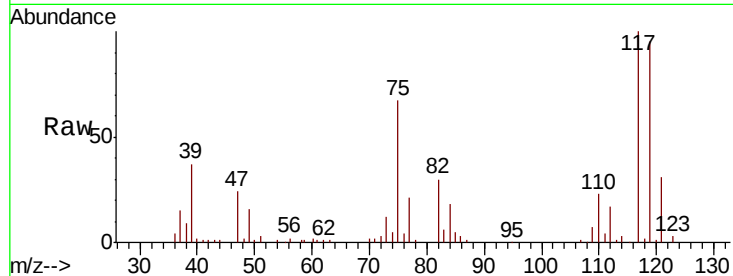
#33
Carbon Tetrachloride
Concen: 18.118 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion:117 Resp: 59156
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4
121 31.2 24.6 36.8

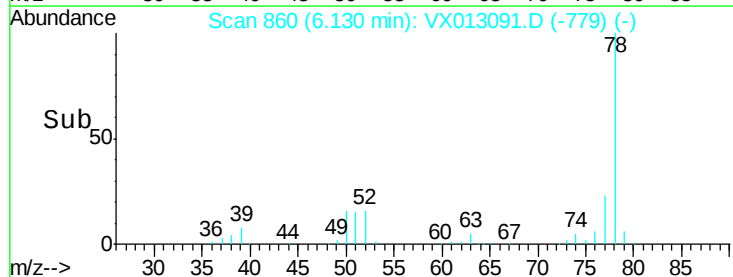
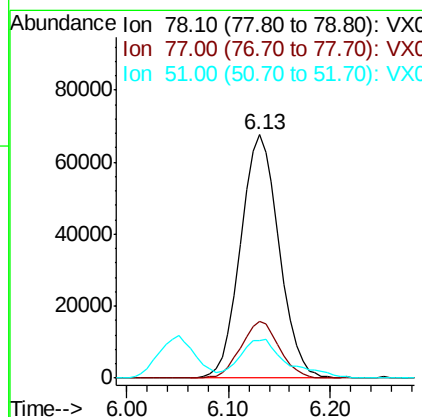
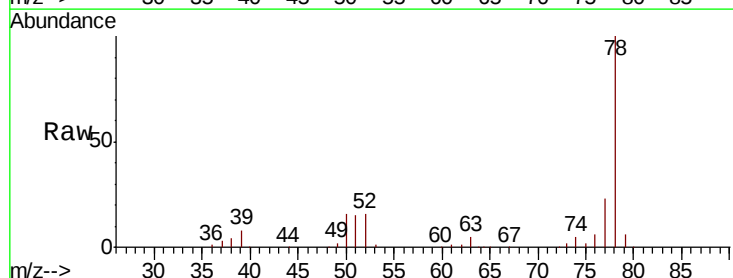
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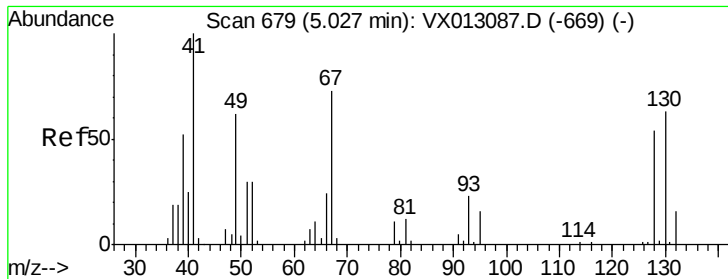
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#34
Benzene
Concen: 18.365 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 78 Resp: 177376
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7
51 14.3 12.1 18.1





#35

Methacrylonitrile

Concen: 17.704 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 41 Resp: 33269

Ion Ratio Lower Upper

41 100

39 57.6 26.3 78.8

67 70.6 36.5 109.5

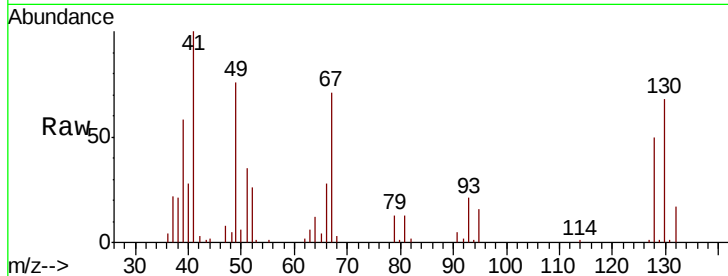
52 25.9 15.3 45.8

Manual Integrations

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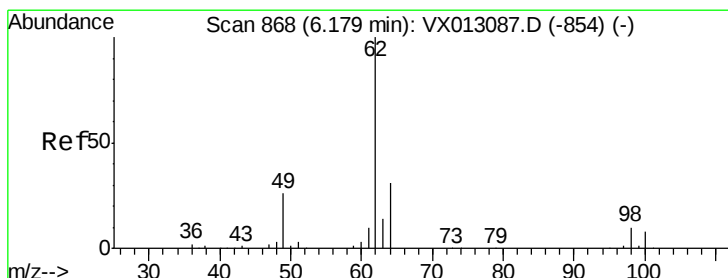
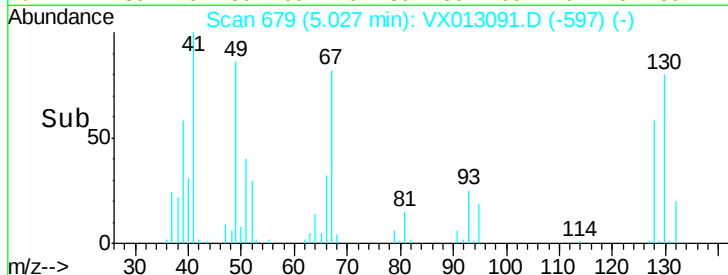
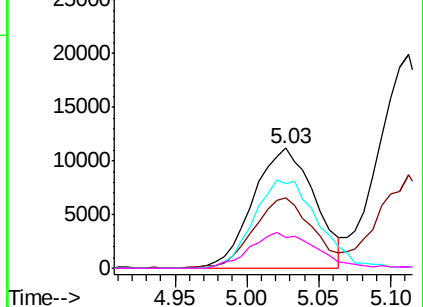


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#36

1,2-Dichloroethane

Concen: 18.520 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013091.D

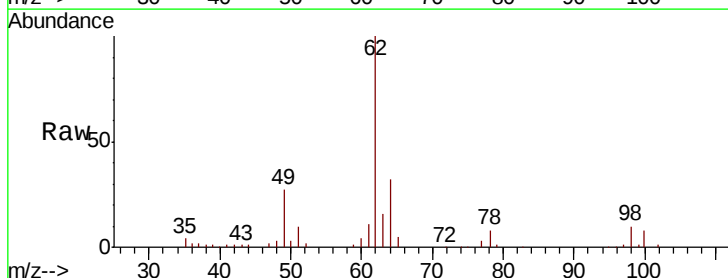
Acq: 16 Oct 2019 12:41

Tgt Ion: 62 Resp: 64671

Ion Ratio Lower Upper

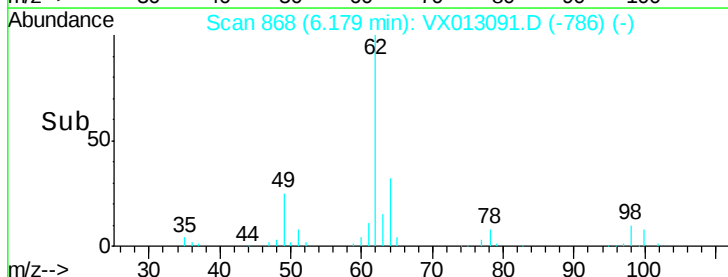
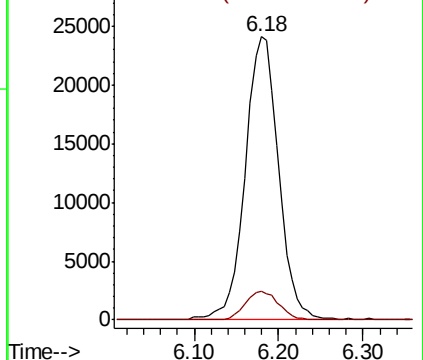
62 100

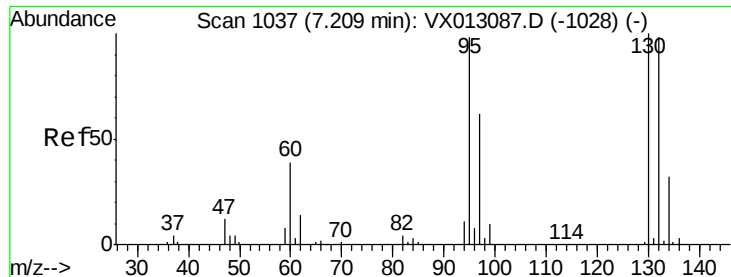
98 10.0 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





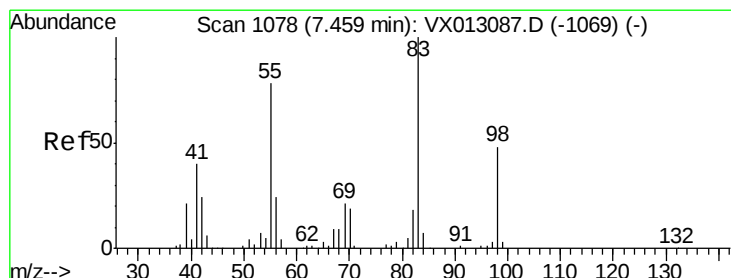
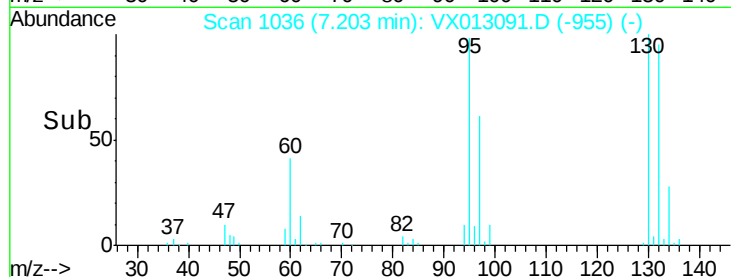
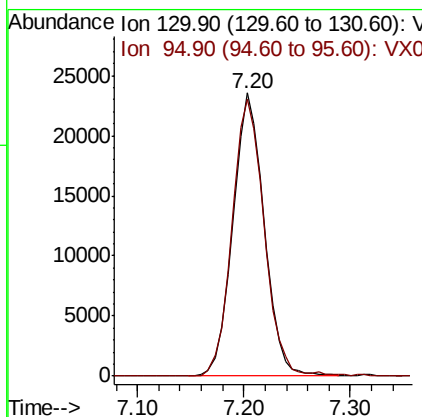
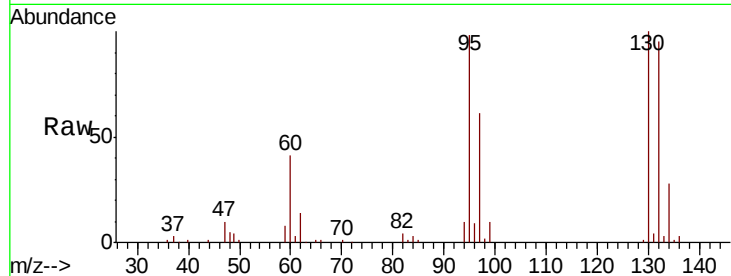
#37
 Trichloroethene
 Concen: 18.811 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion:130 Resp: 48536
 Ion Ratio Lower Upper
 130 100
 95 97.9 78.4 117.6

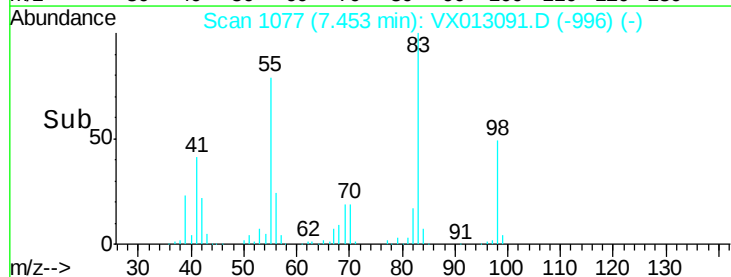
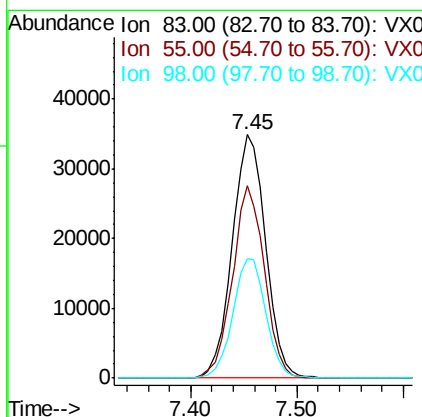
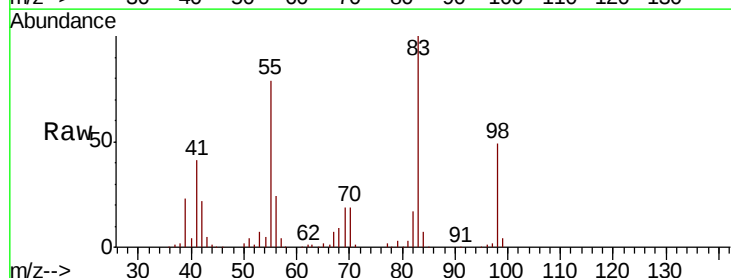
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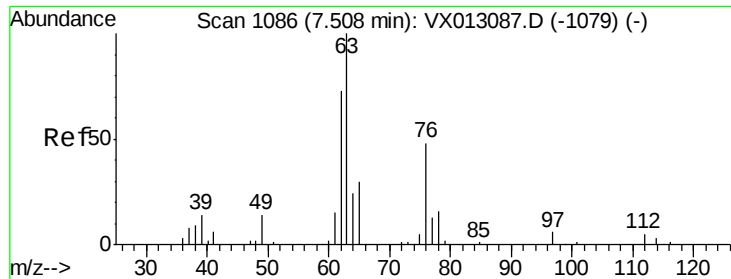
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#38
 Methylcyclohexane
 Concen: 19.308 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 83 Resp: 76879
 Ion Ratio Lower Upper
 83 100
 55 75.5 38.3 114.8
 98 48.7 24.9 74.7





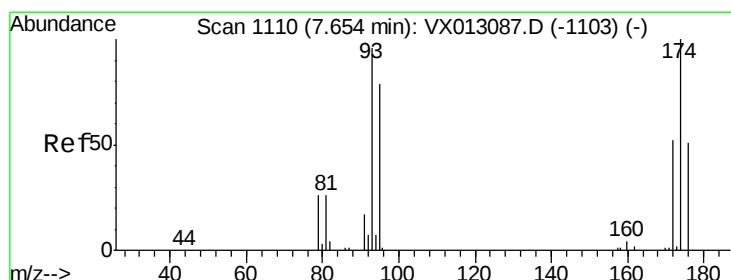
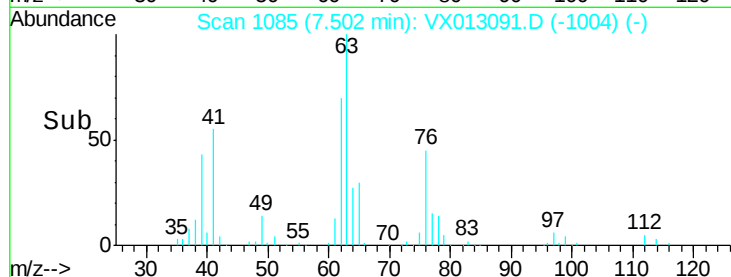
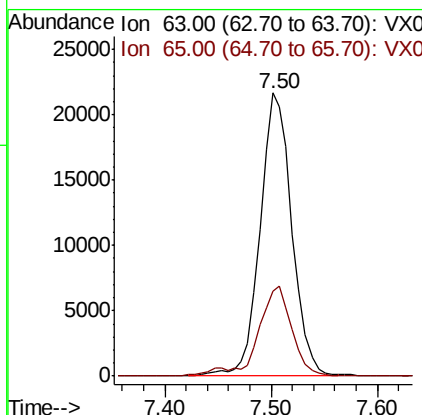
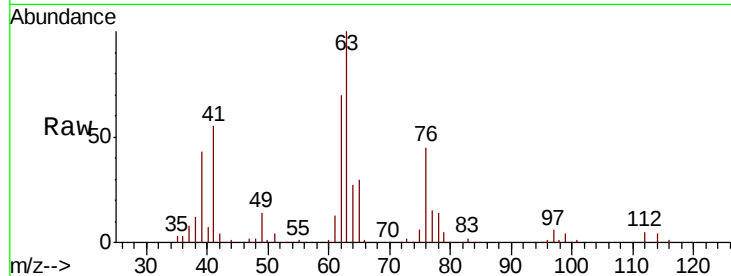
#39
 1,2-Dichloropropane
 Concen: 18.589 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion: 63 Resp: 45088
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.6 38.4

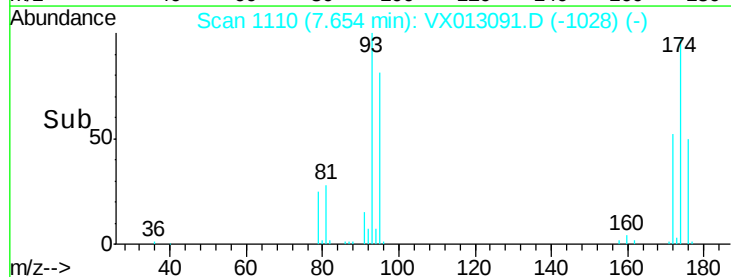
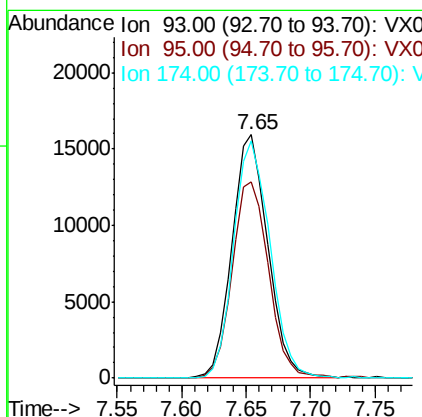
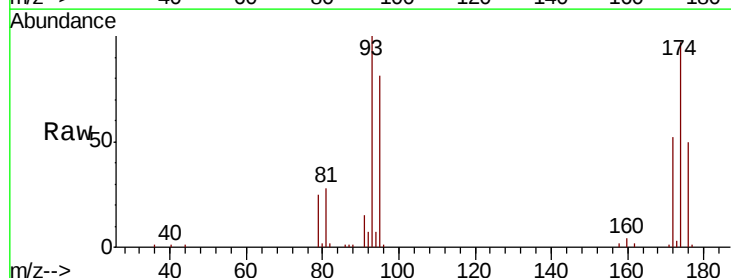
Manual Integrations
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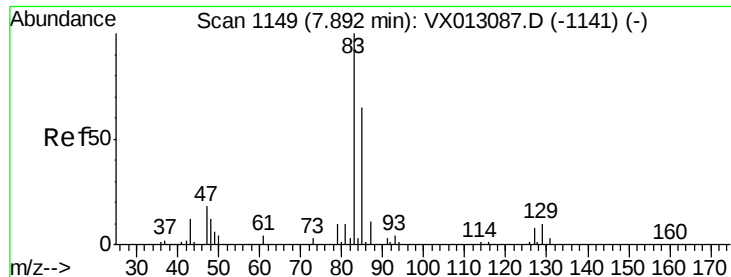
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#40
 Dibromomethane
 Concen: 18.787 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion: 93 Resp: 30945
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 171.2
 174 98.6 0.0 208.2





#41

Bromodichloromethane

Concen: 18.362 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

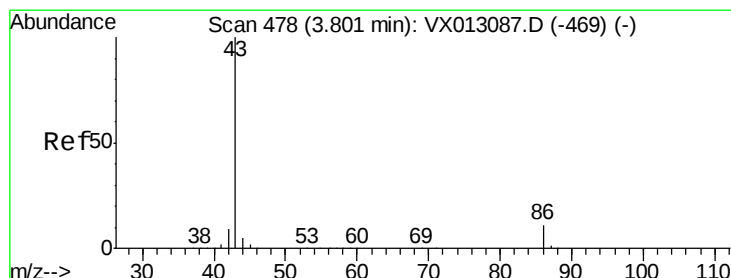
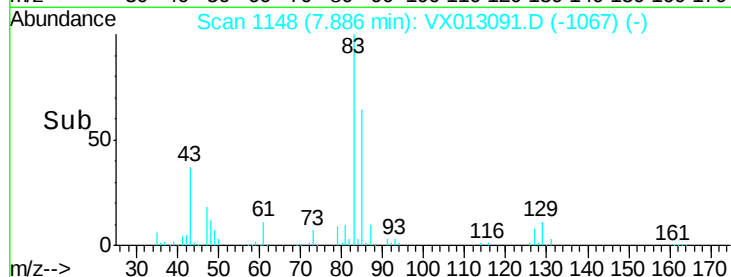
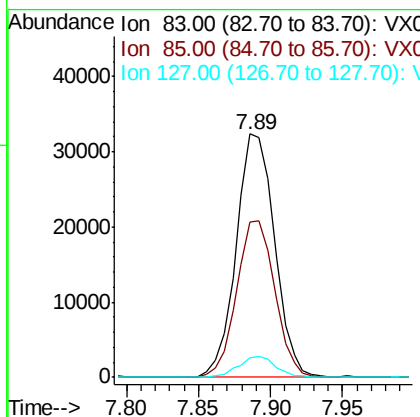
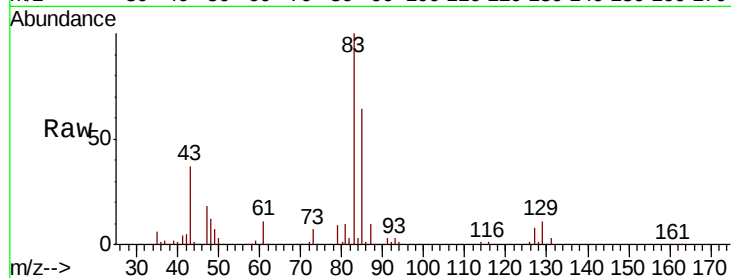
ClientSampleId :

ICVVX101619

Tot Ion:	83	Resp:	60053
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8
127	7.9	6.7	10.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 93.961 ug/l

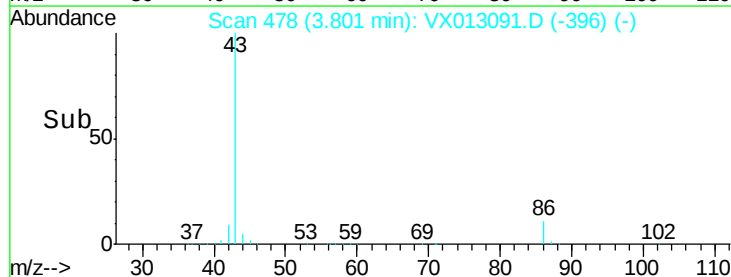
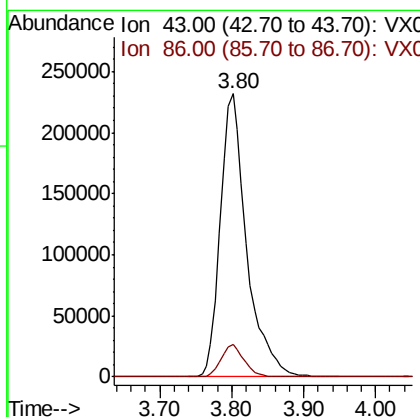
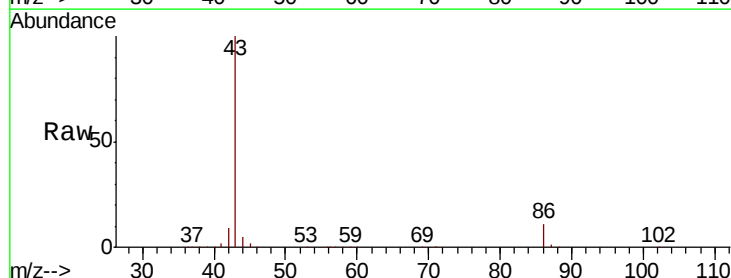
RT: 3.80 min Scan# 478

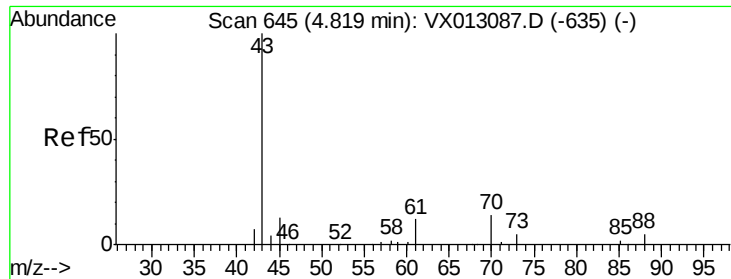
Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion:	43	Resp:	589626
Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.2	12.2





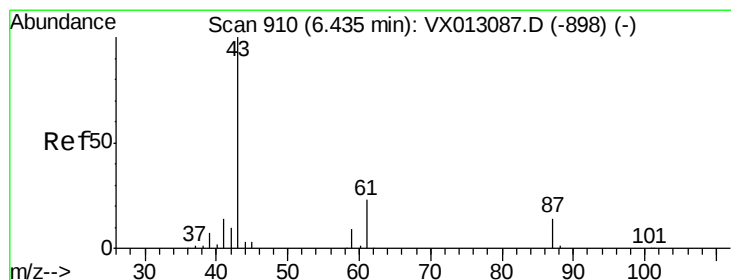
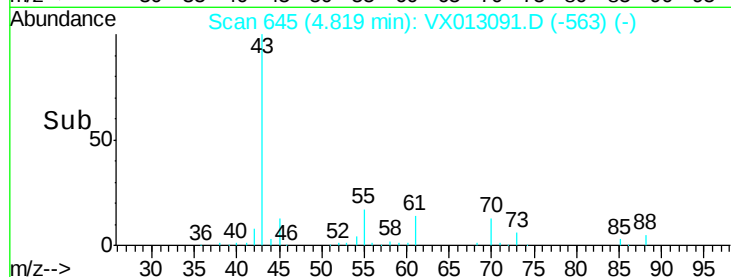
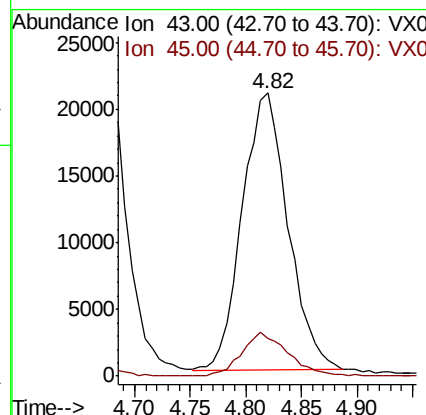
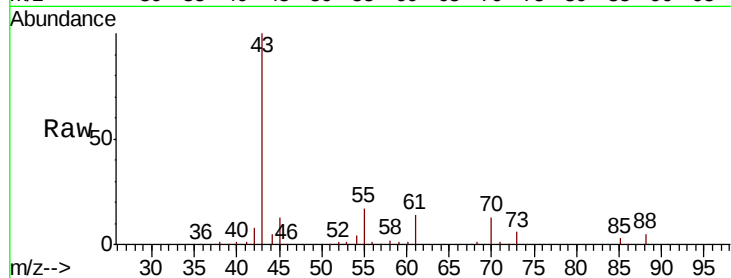
#43
Ethyl Acetate
Concen: 17.271 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion: 43 Resp: 59562
Ion Ratio Lower Upper
43 100
45 15.8 12.8 19.2

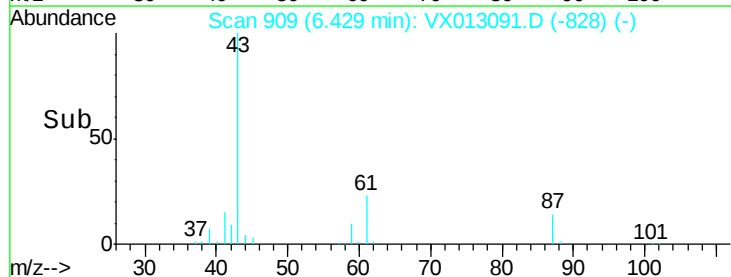
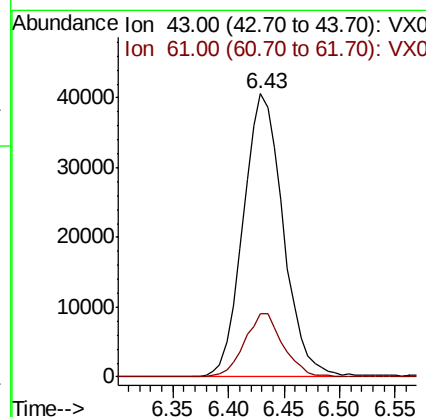
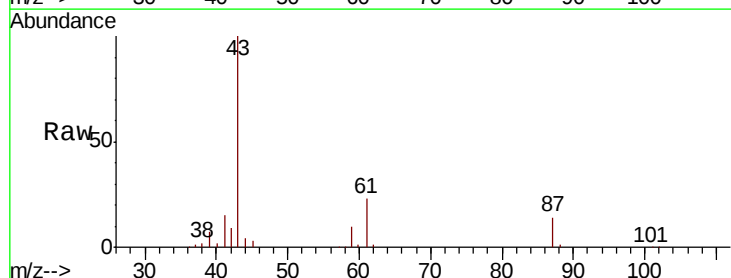
Manual Integrations
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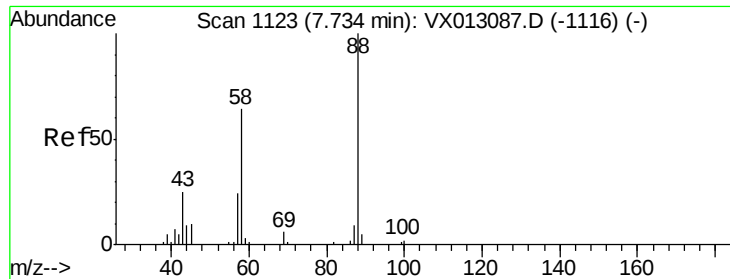
MMDadoda
10/18/2019 4:52:05 PM



#44
Isopropyl Acetate
Concen: 18.166 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 43 Resp: 101026
Ion Ratio Lower Upper
43 100
61 21.8 16.7 25.1





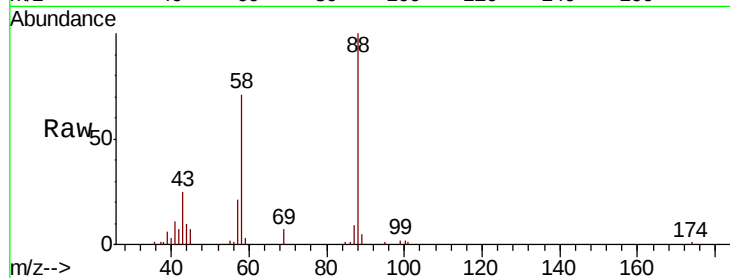
#45
1,4-Dioxane
Concen: 356.361 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.0	39.0
58	71.6	53.0	79.4

Manual Integrations
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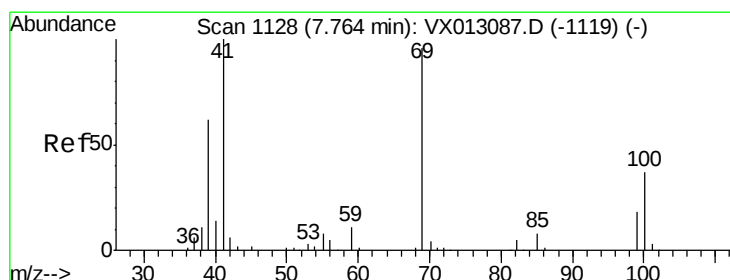
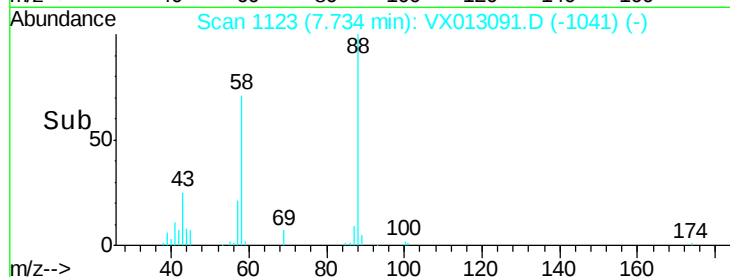
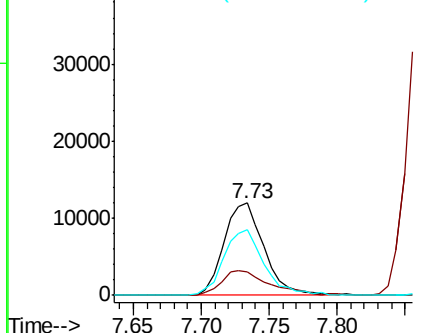


Abundance

Ion 88.00 (87.70 to 88.70): VX0

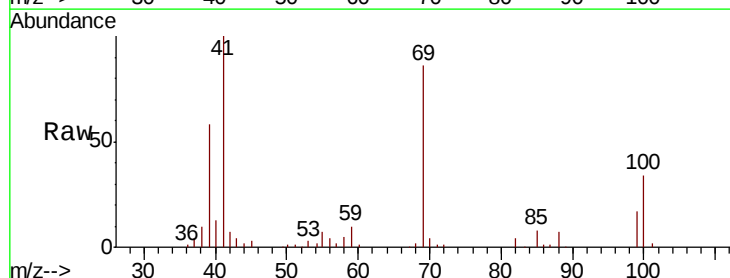
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46
Methyl methacrylate
Concen: 18.122 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.8	48.1	144.3
39	58.5	31.2	93.6

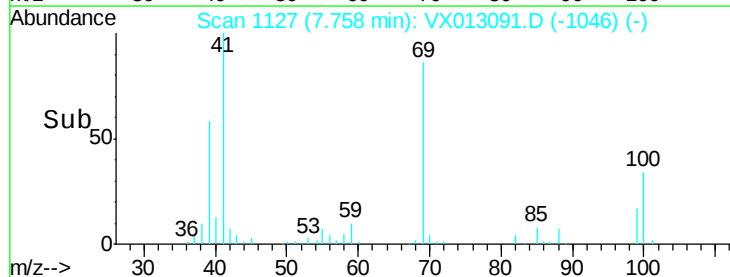
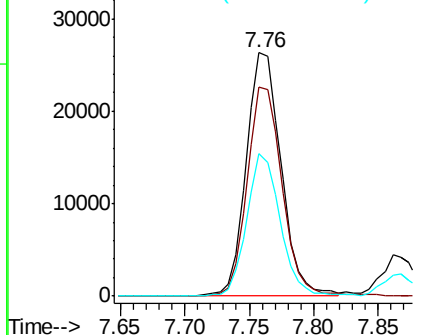


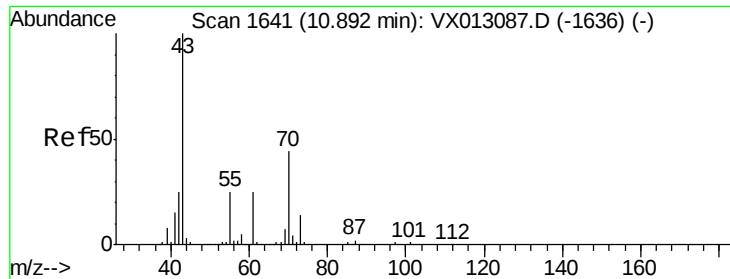
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





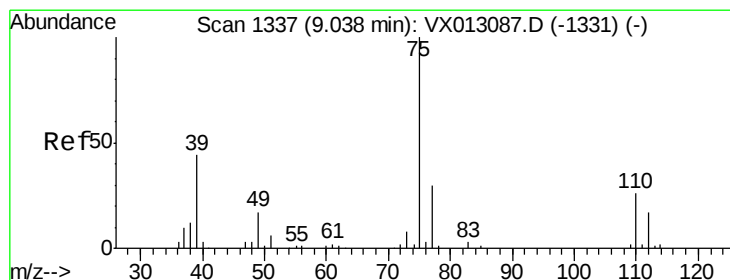
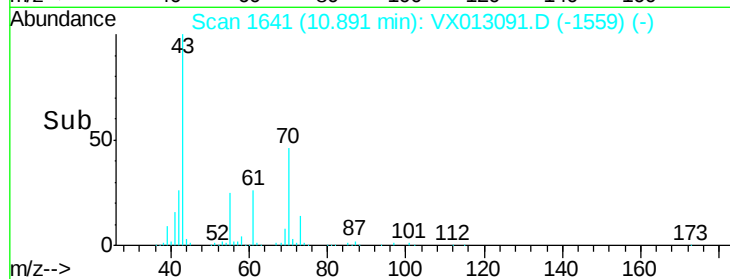
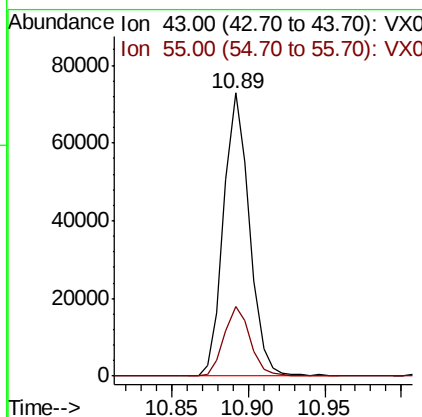
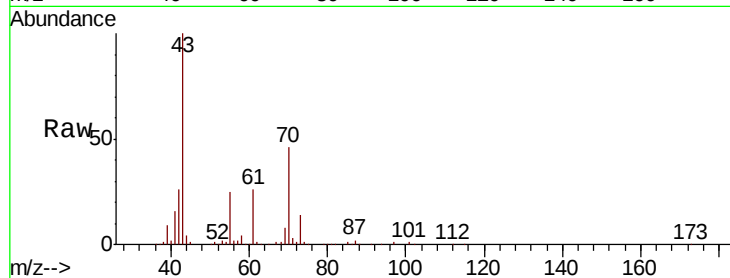
#47
n-amvl Acetate
Concen: 18.086 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	43	Resp	85640
Ion Ratio	100	Lower	Upper
43	100		
55	24.8	20.6	31.0

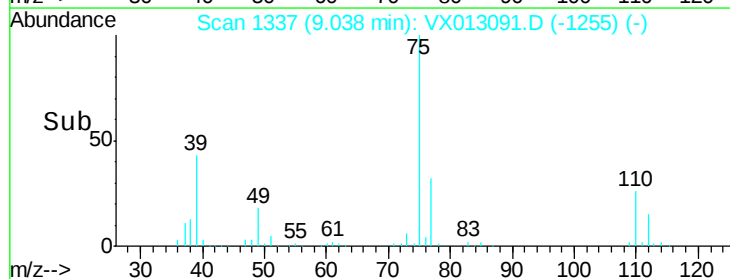
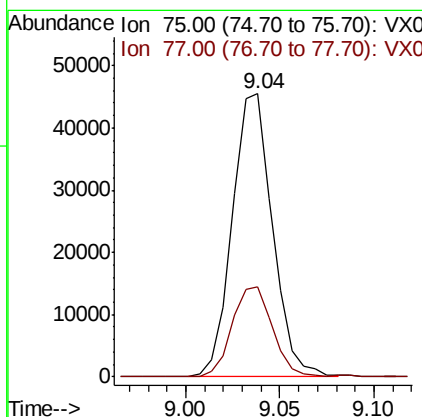
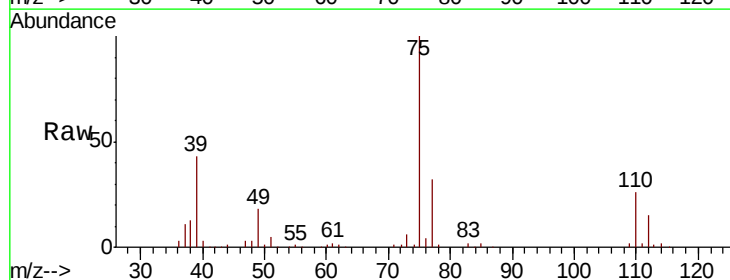
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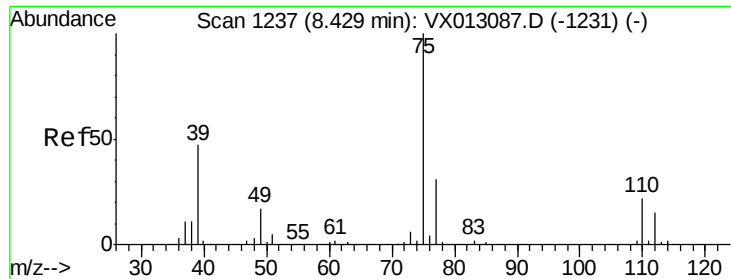
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.580 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	75	Resp	67252
Ion Ratio	100	Lower	Upper
75	100		
77	31.6	23.7	35.5





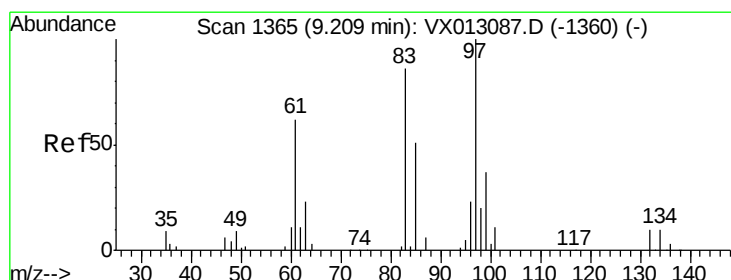
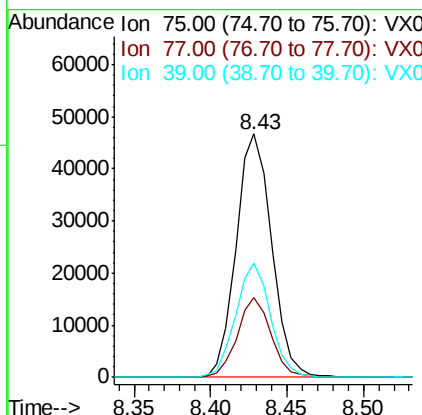
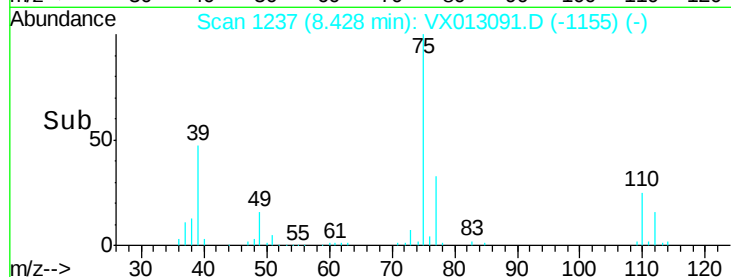
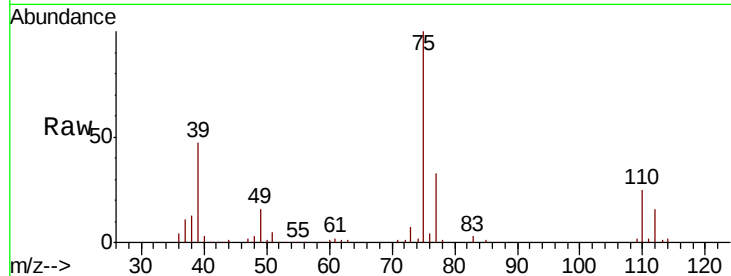
#49
 cis-1,3-Dichloropropene
 Concen: 18.866 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.7	37.1
39	47.2	37.4	56.0

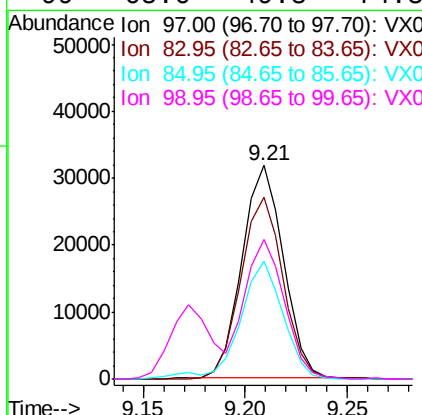
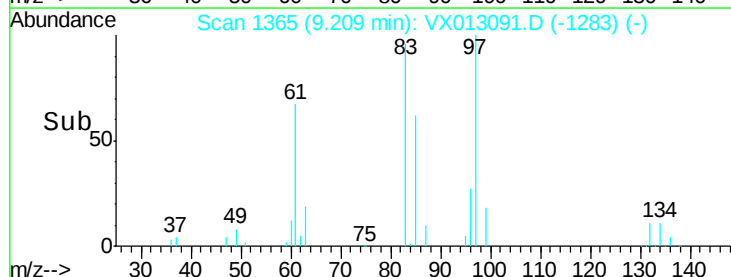
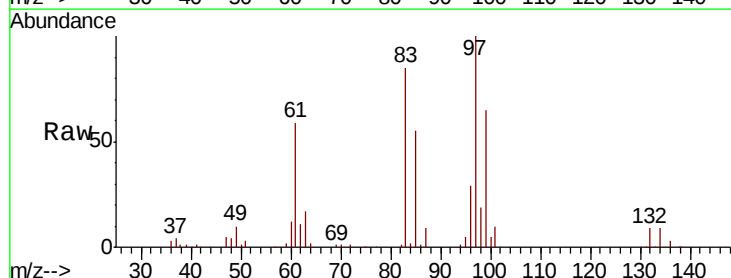
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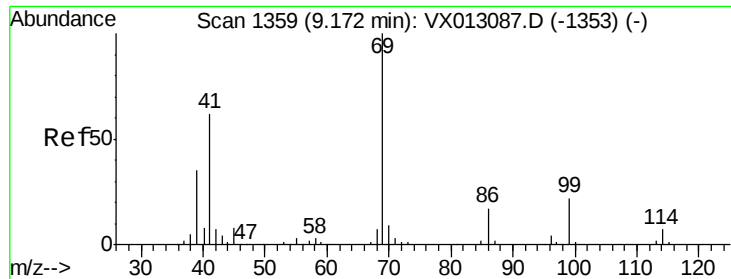
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#50
 1,1,2-Trichloroethane
 Concen: 17.943 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.1	102.1
85	55.3	42.6	64.0
99	65.6	49.8	74.8





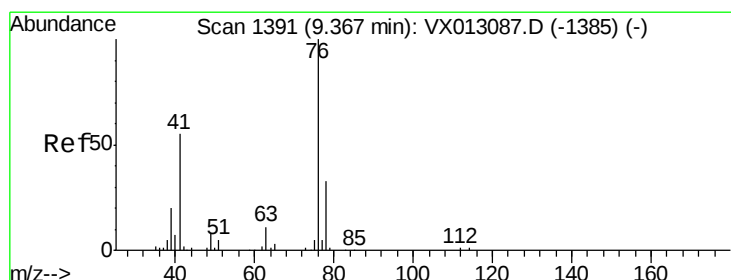
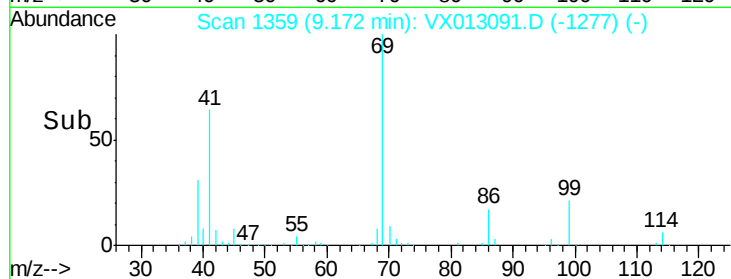
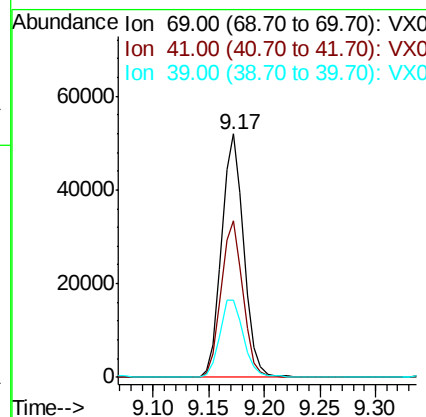
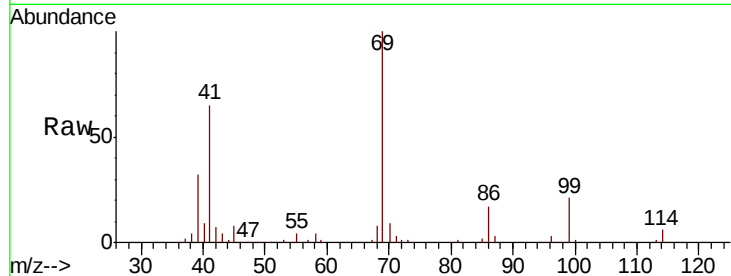
#51
Ethyl methacrylate
Concen: 18.389 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
69	100		
41	64.3	31.1	93.3
39	31.5	17.6	52.9

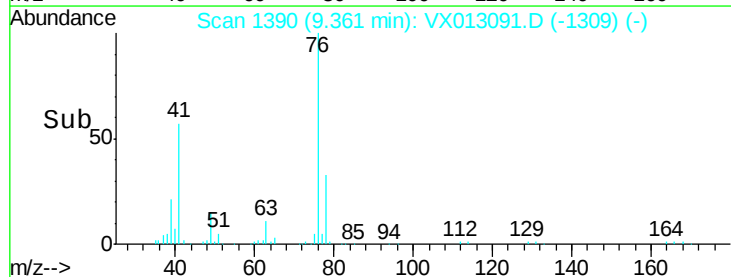
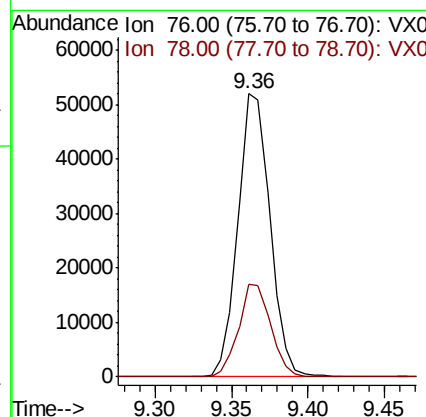
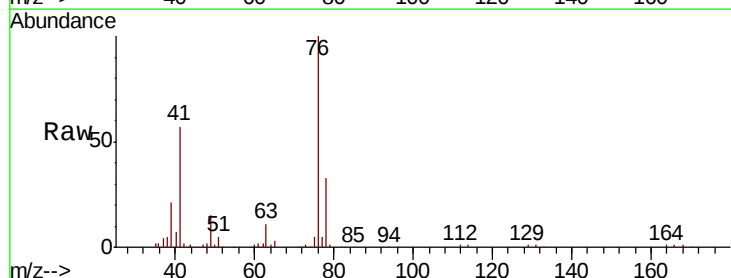
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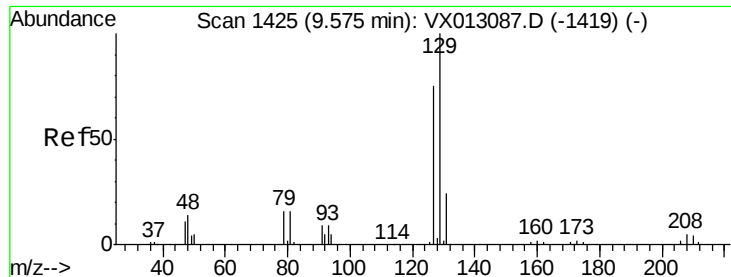
MMDadoda
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#52
1,3-Dichloropropane
Concen: 18.223 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	64.2





#53

Dibromochloromethane

Concen: 18.001 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion:129 Resp: 45952

Ion Ratio Lower Upper

129 100

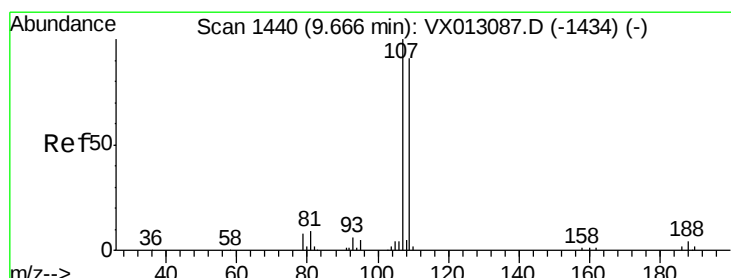
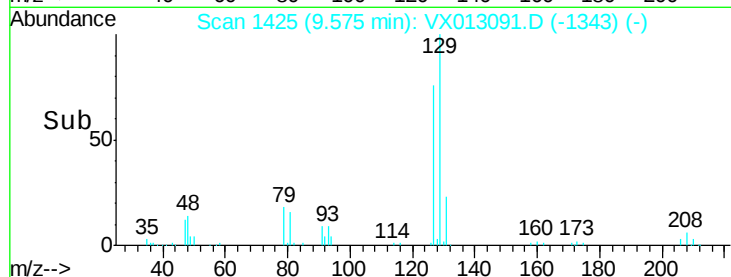
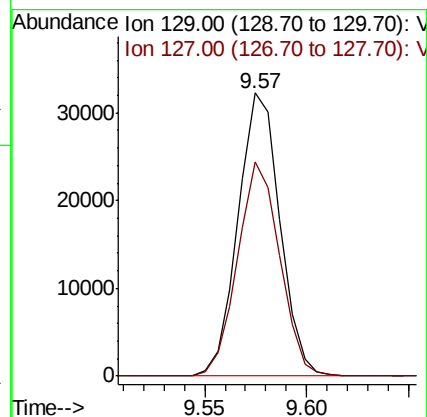
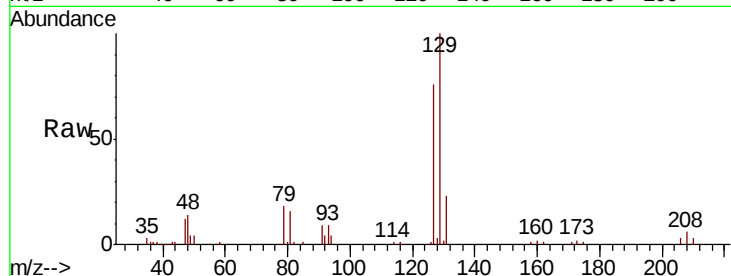
127 76.3 38.0 113.9

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 18.769 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013091.D

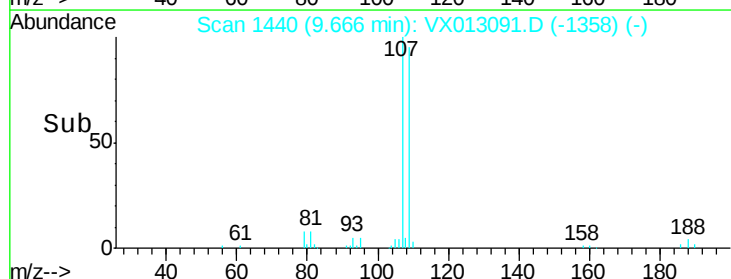
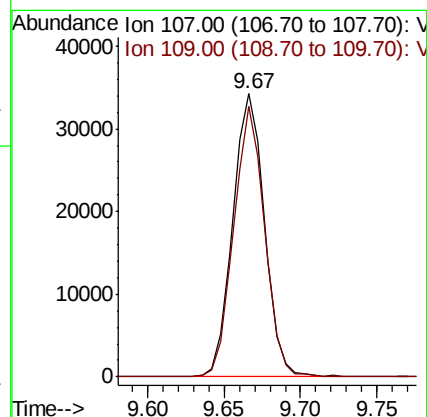
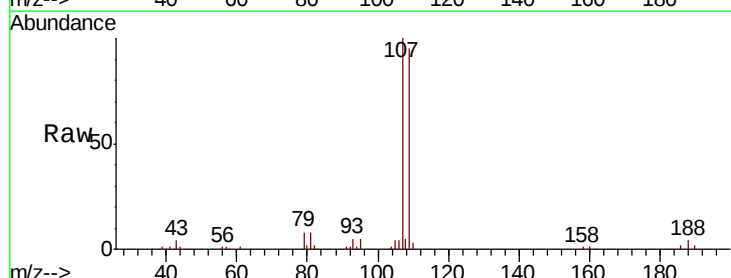
Acq: 16 Oct 2019 12:41

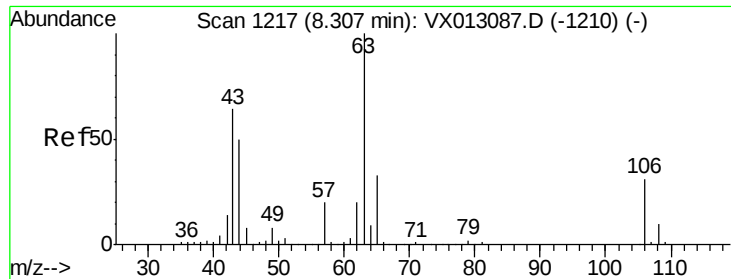
Tgt Ion:107 Resp: 49075

Ion Ratio Lower Upper

107 100

109 93.0 73.6 110.4





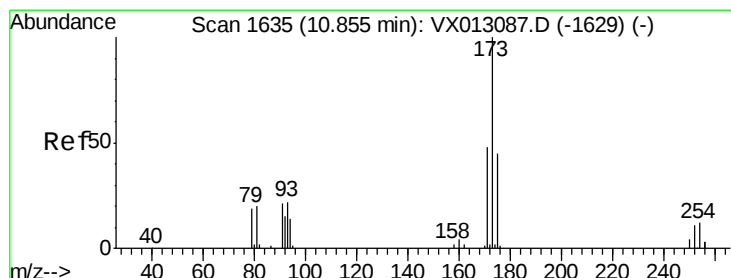
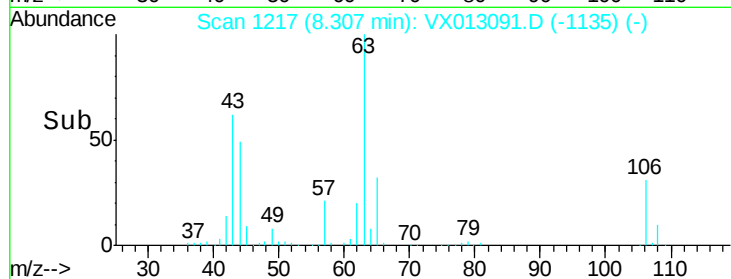
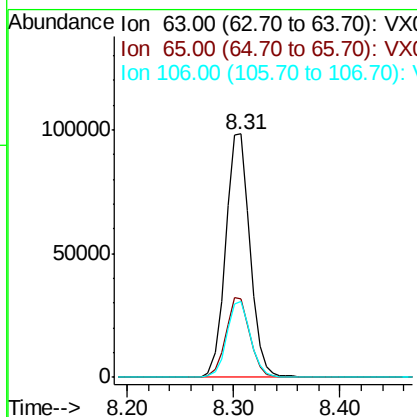
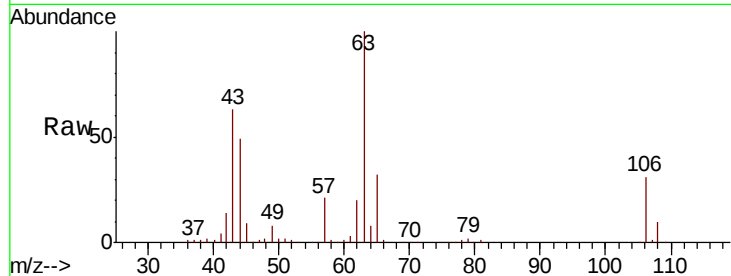
#55
2-Chloroethyl vinyl ether
Concen: 91.557 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.9	38.9
106	30.5	24.3	36.5

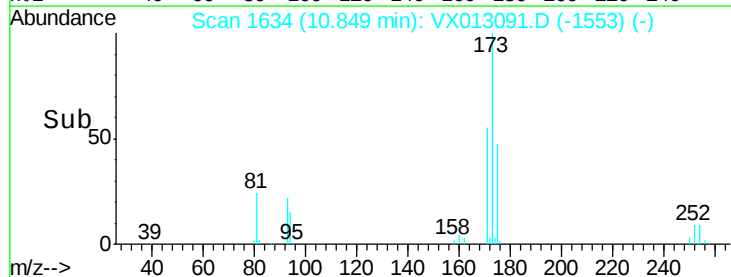
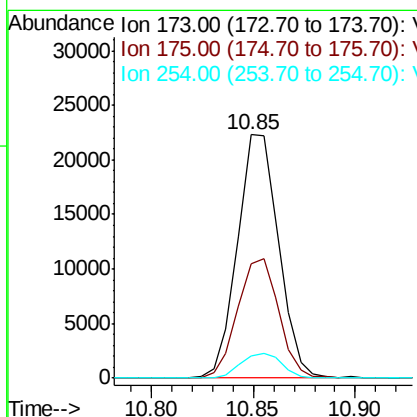
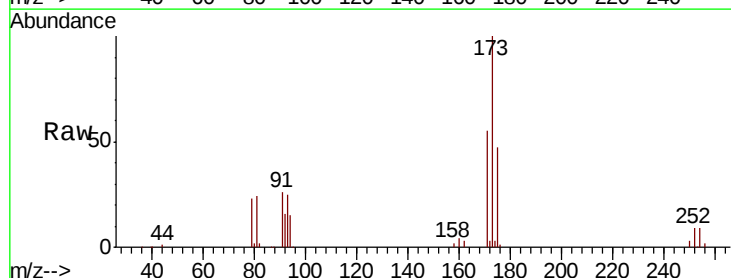
Manual Integrations
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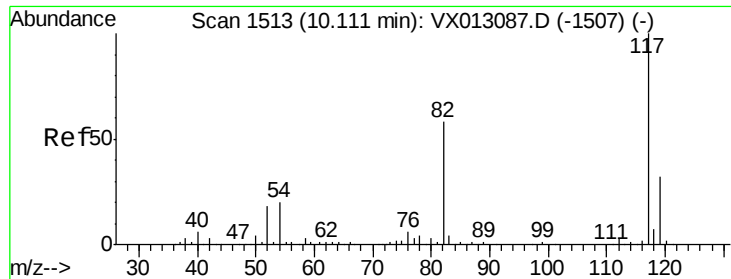
MMDadoda
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#56
Bromoform
Concen: 17.641 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.8	56.8
254	10.2	7.9	11.9





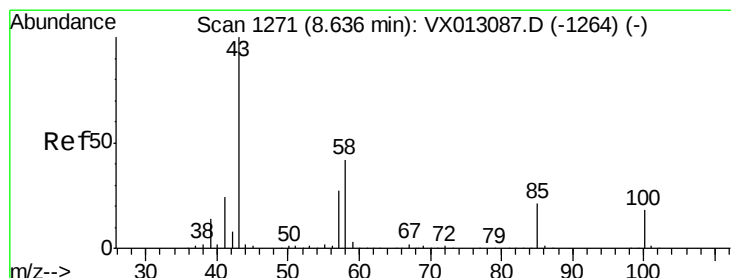
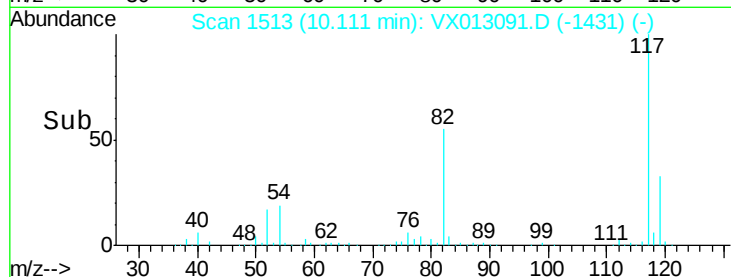
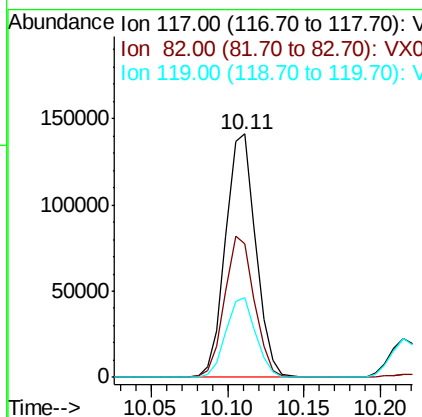
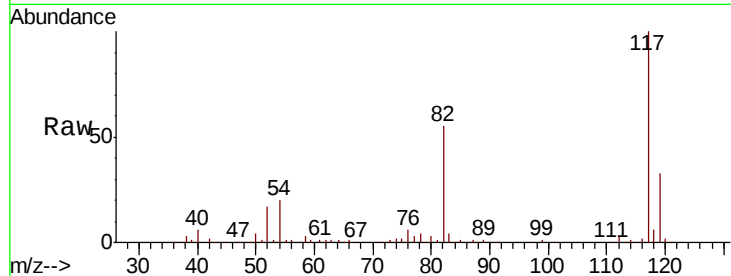
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.7	70.1
119	32.5	25.8	38.6

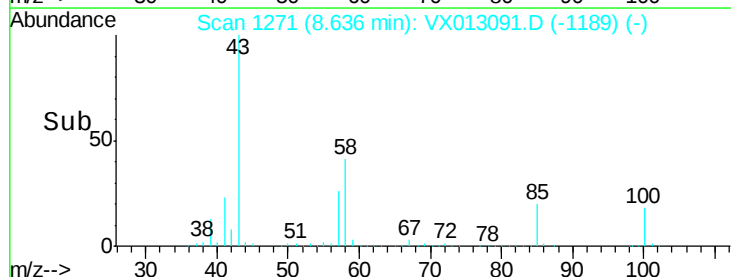
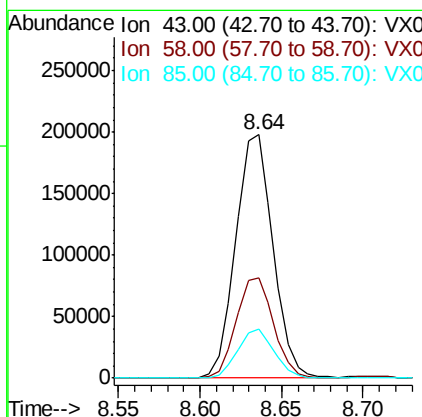
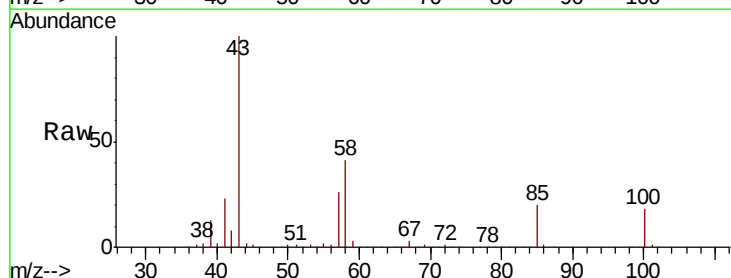
Manual Integrations
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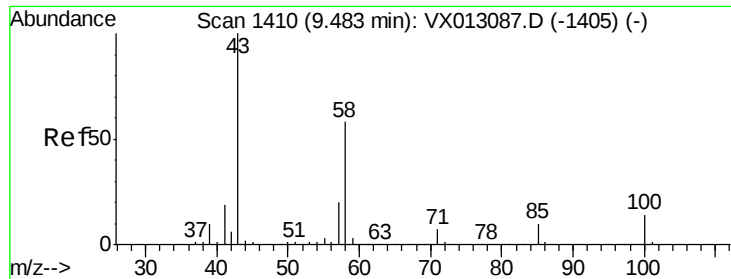
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 89.492 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.2	33.0	49.4
85	19.9	16.0	24.0





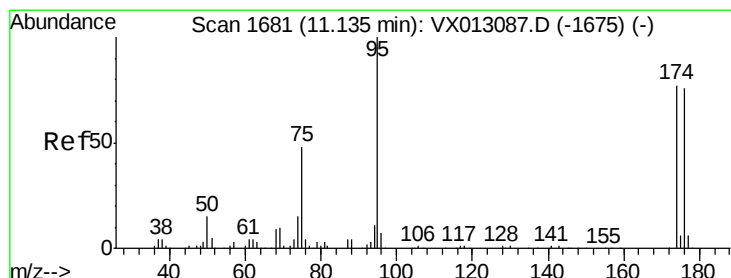
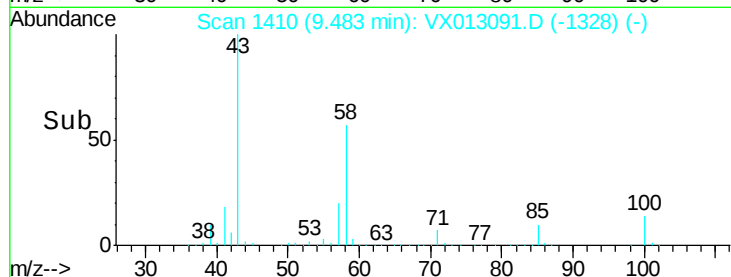
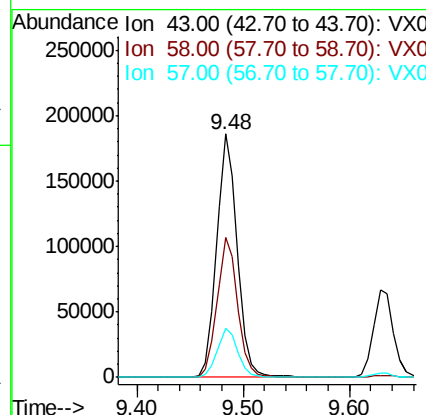
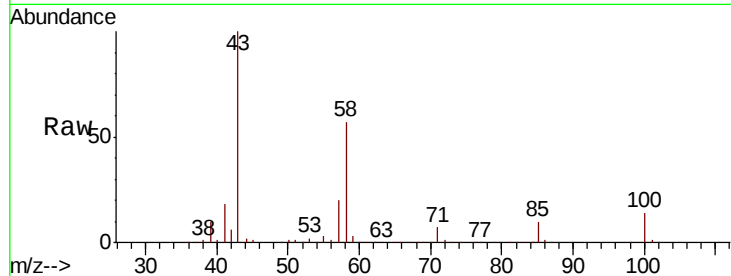
#59
2-Hexanone
Concen: 89.567 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.4	68.2
57	20.0	16.2	24.2

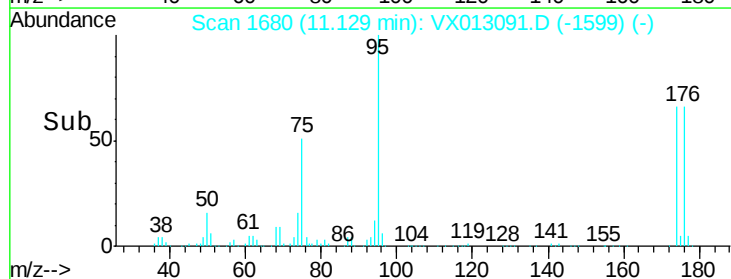
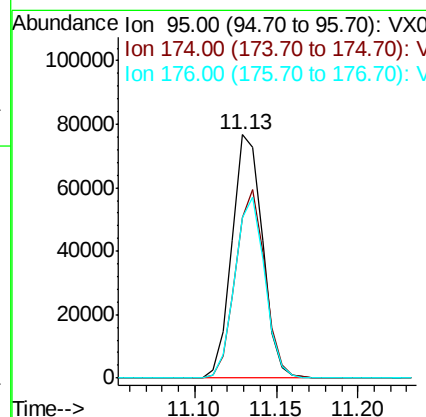
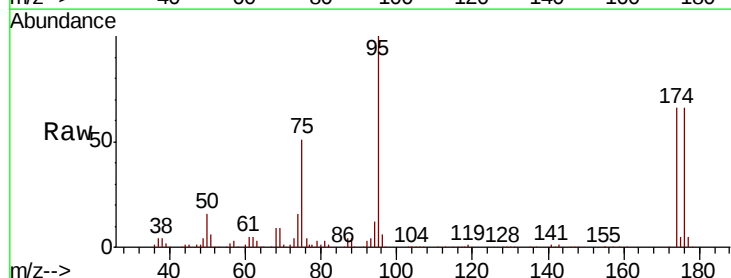
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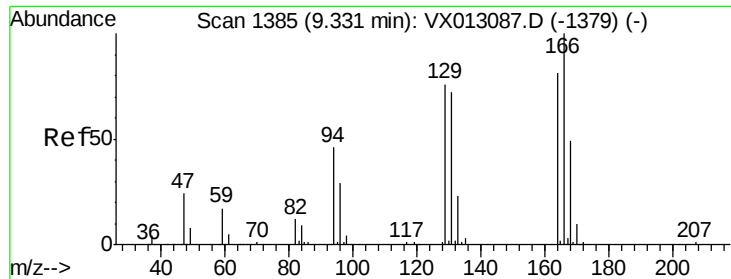
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.450 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.0	58.8	88.2
176	72.4	56.6	84.8





#61

Tetrachloroethene

Concen: 18.474 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion:164 Resp: 45602

Ion Ratio Lower Upper

164 100

166 129.1 98.4 147.6

129 99.2 75.2 112.8

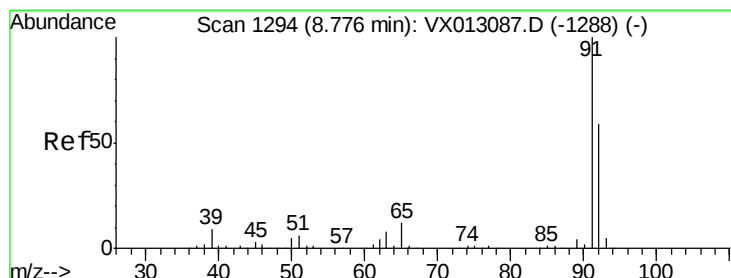
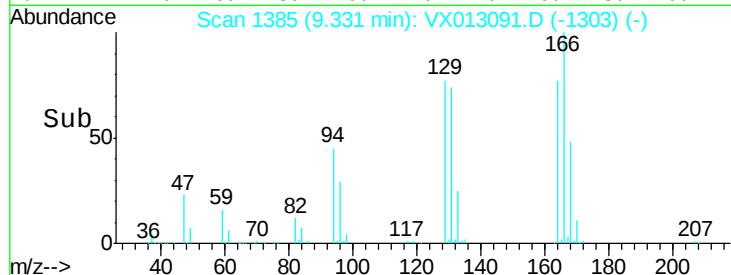
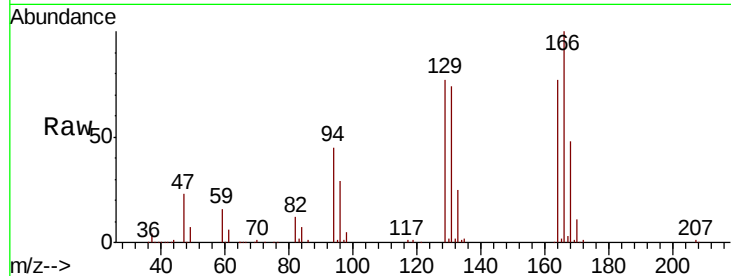
131 94.9 70.4 105.6

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#62

Toluene

Concen: 18.672 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013091.D

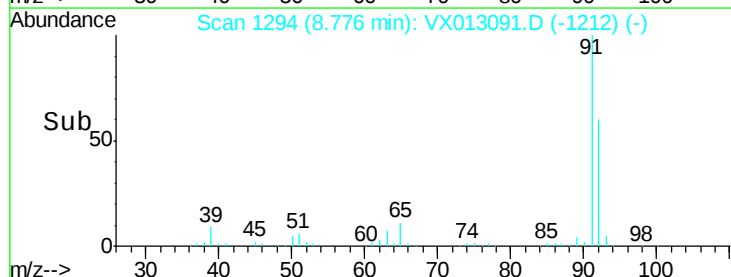
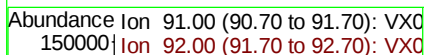
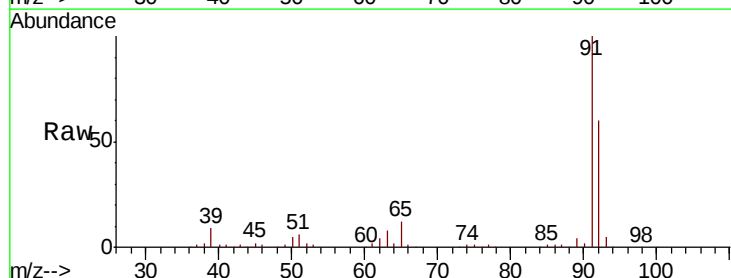
Acq: 16 Oct 2019 12:41

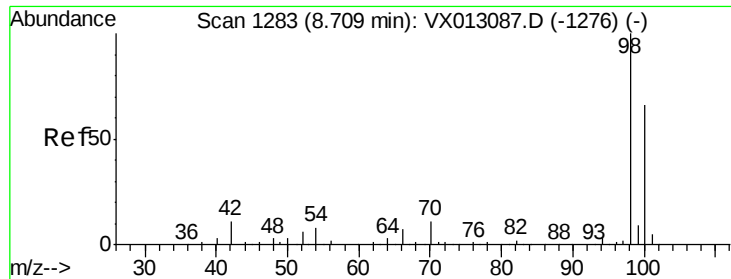
Tgt Ion: 91 Resp: 196603

Ion Ratio Lower Upper

91 100

92 59.4 47.6 71.4





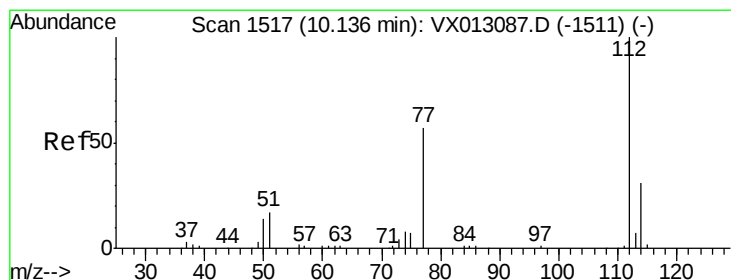
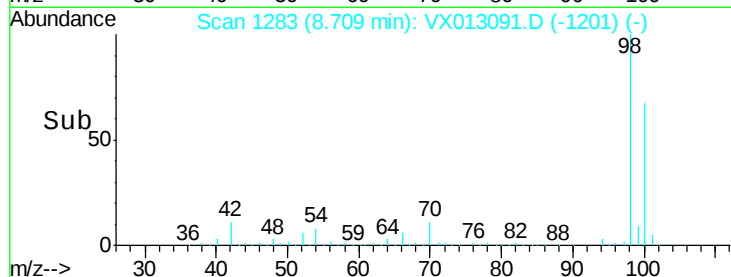
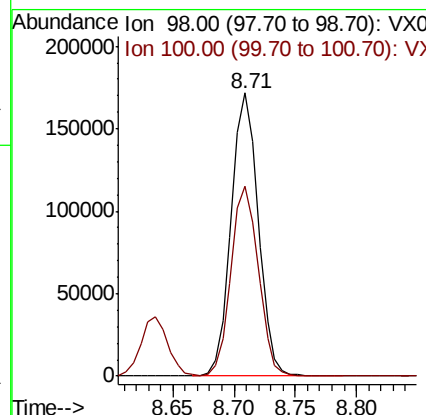
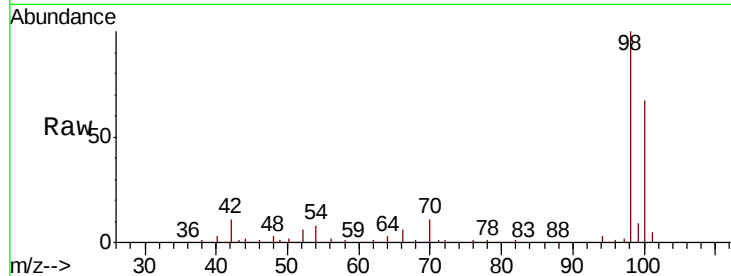
#63
Toluene-d8
Concen: 29.820 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion: 98 Resp: 263586
Ion Ratio Lower Upper
98 100
100 67.5 53.8 80.6

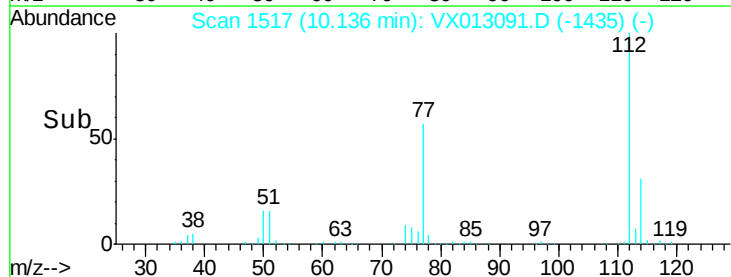
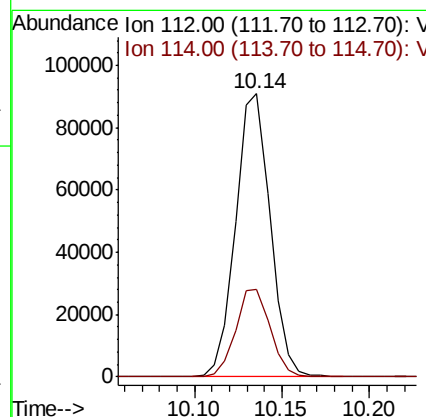
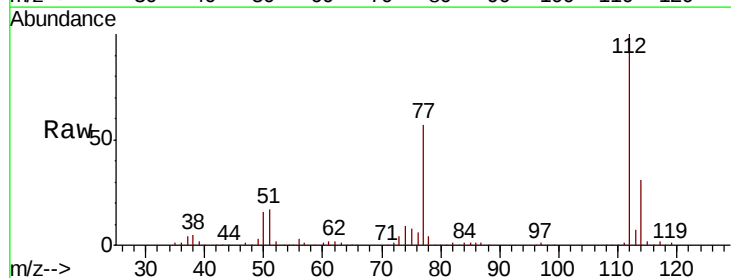
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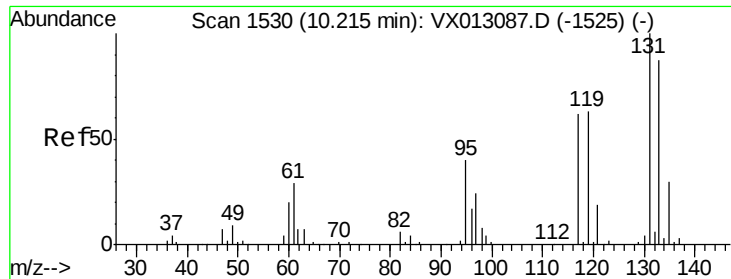
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#64
Chlorobenzene
Concen: 18.741 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion: 112 Resp: 125411
Ion Ratio Lower Upper
112 100
114 31.0 25.2 37.8





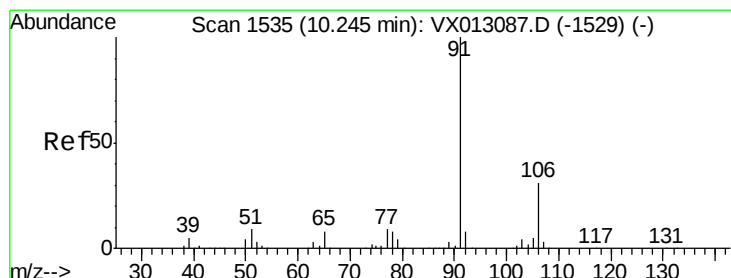
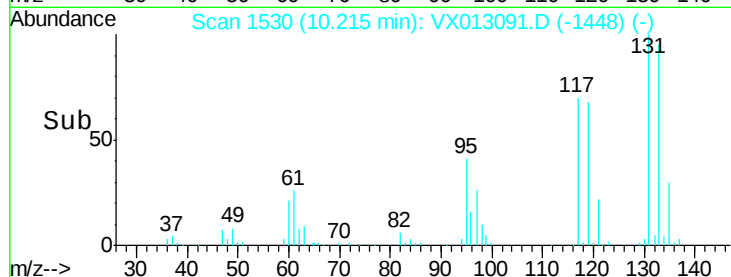
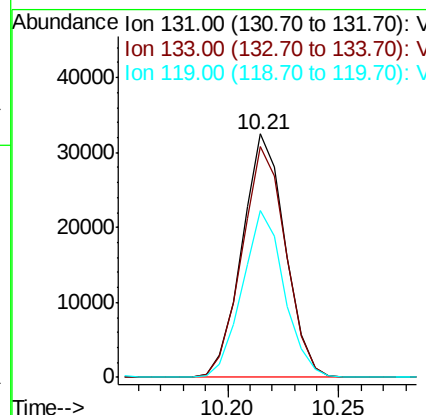
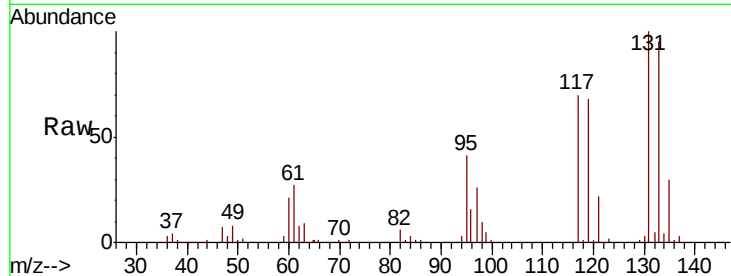
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.826 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	187.8
119	66.7	0.0	128.4

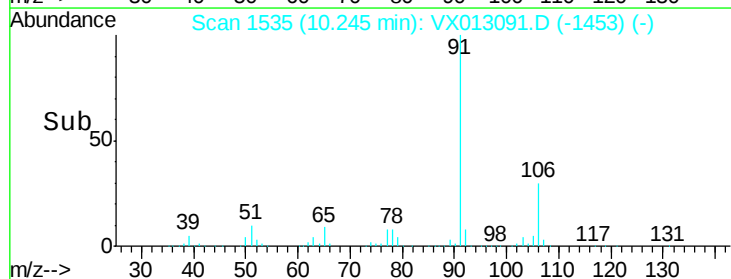
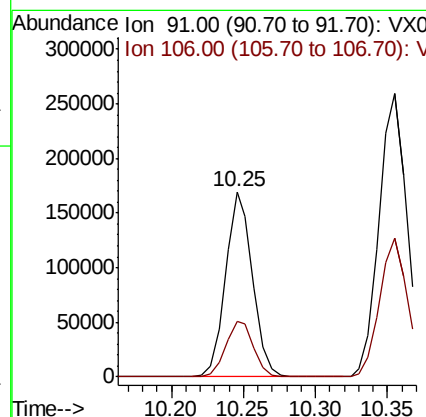
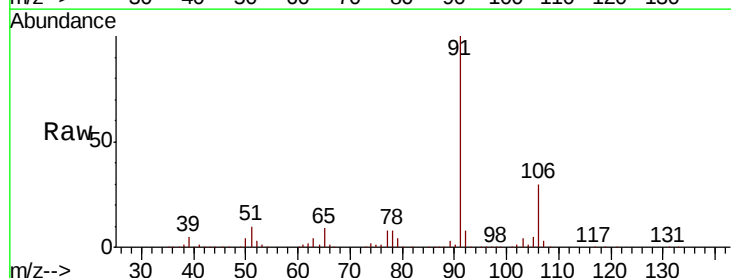
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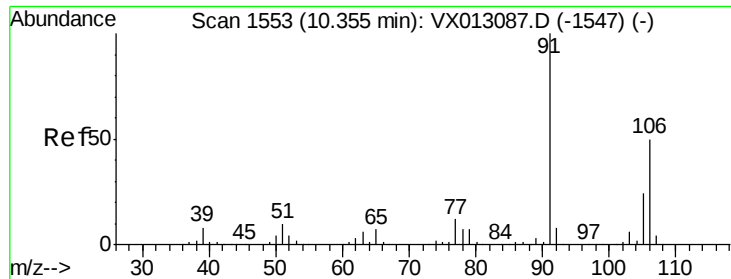
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#66
 Ethyl Benzene
 Concen: 18.487 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.0	37.4





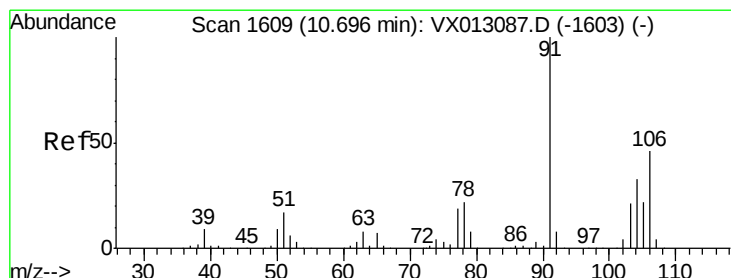
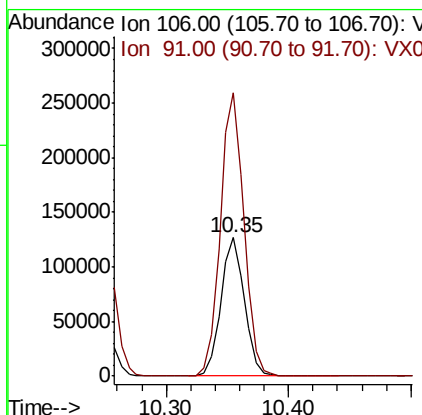
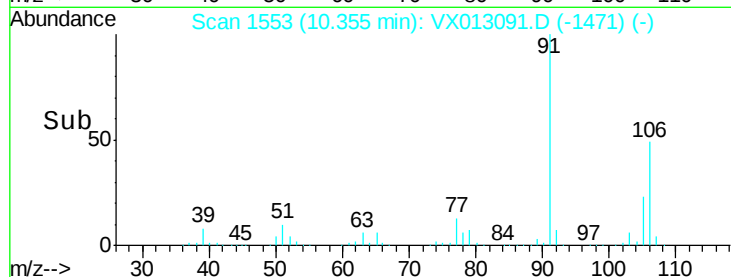
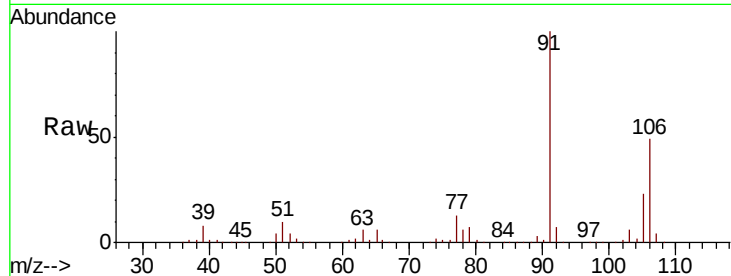
#67
m/p-Xylenes
Concen: 37.439 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion:106 Resp: 169272
Ion Ratio Lower Upper
106 100
91 203.5 162.6 243.8

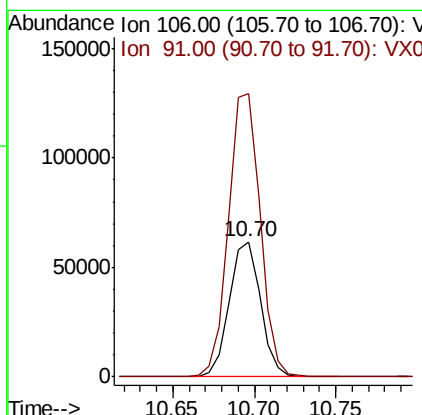
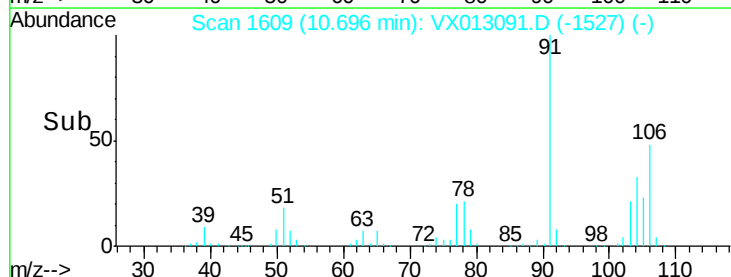
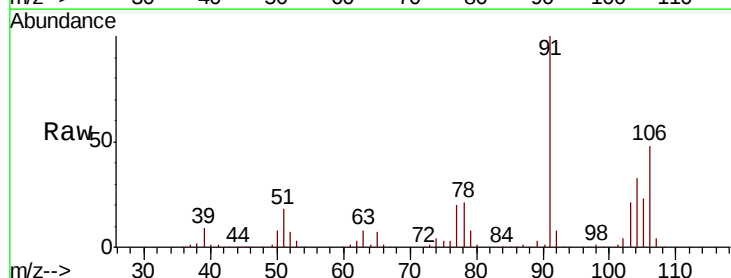
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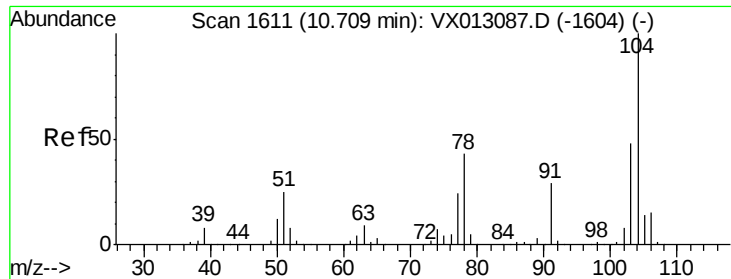
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#68
o-Xylene
Concen: 18.631 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion:106 Resp: 82027
Ion Ratio Lower Upper
106 100
91 213.8 109.1 327.3





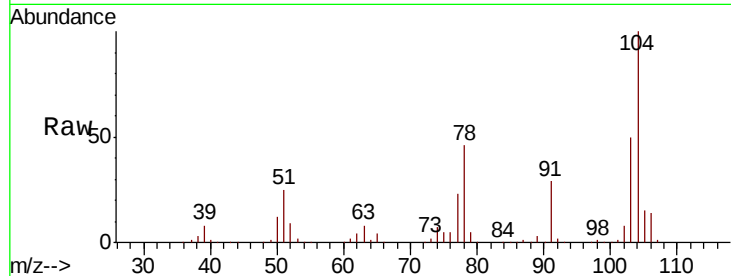
#69
Stvrene
Concen: 18.269 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

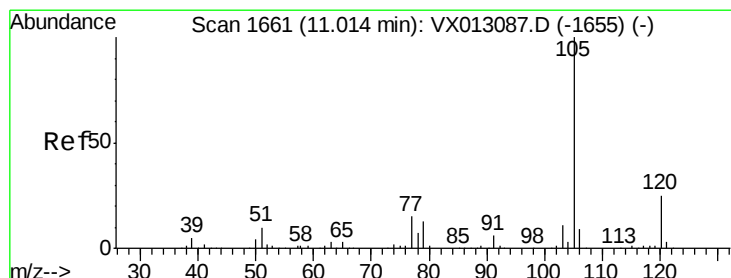
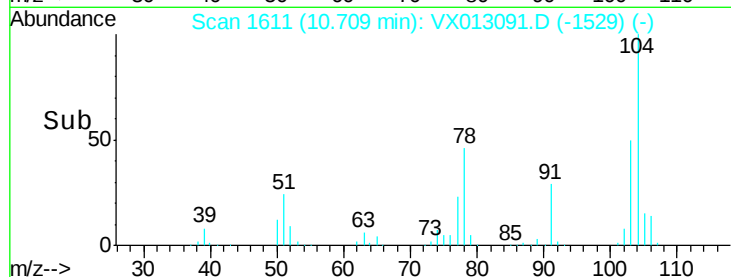
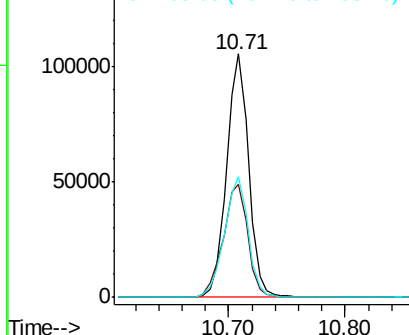
Tot Ion	Ratio	Resp	Lower	Upper
104	100	138469		
78	51.7		41.0	61.4
103	53.1		42.8	64.2

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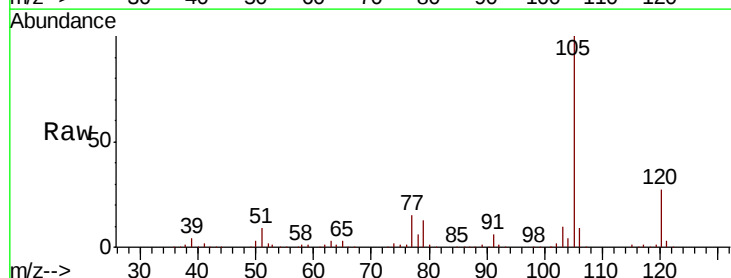


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

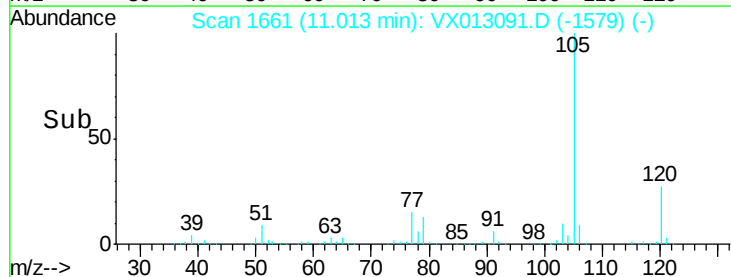
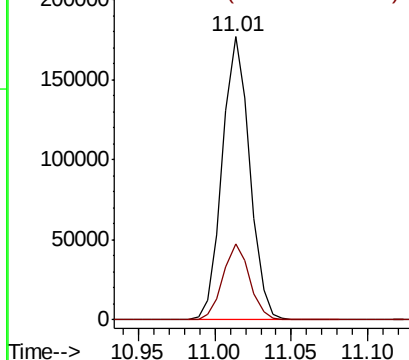


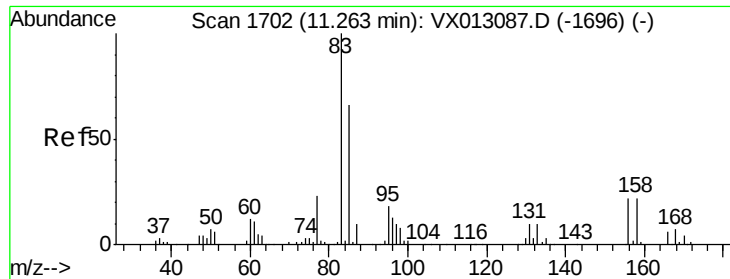
#70
Isopropylbenzene
Concen: 18.682 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219693		
120	26.3		17.9	33.3



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





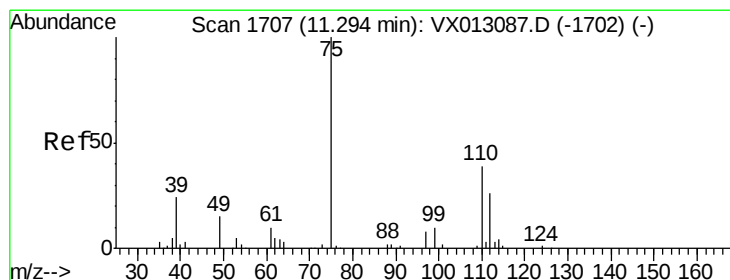
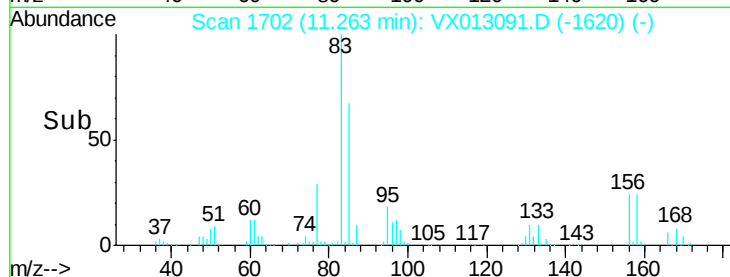
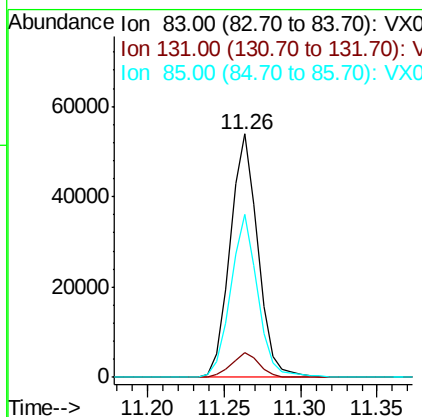
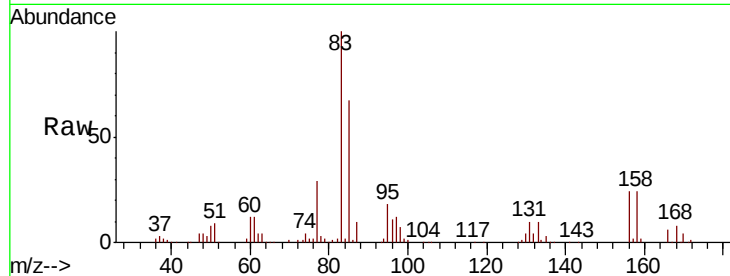
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.716 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	83	Resp	67799
Ion Ratio	100	Lower	Upper
83	100		
131	10.1	4.9	14.6
85	65.0	31.9	95.9

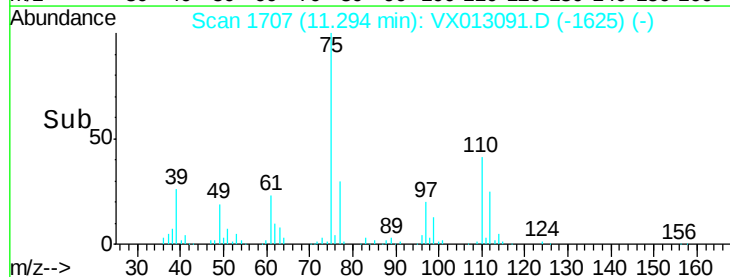
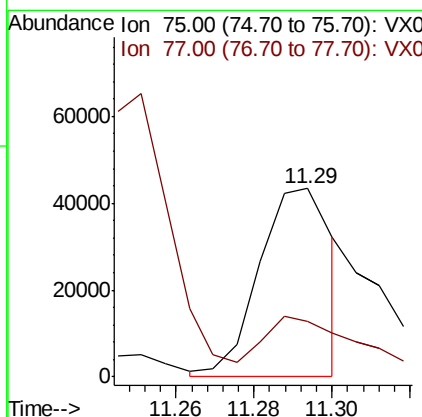
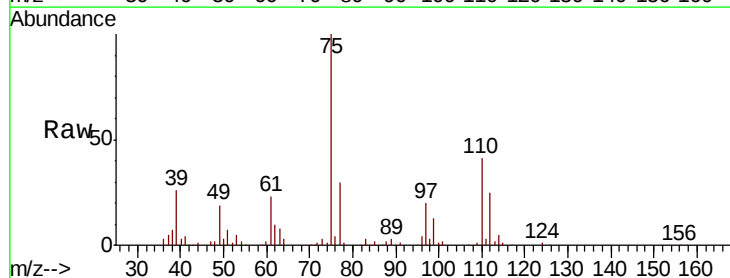
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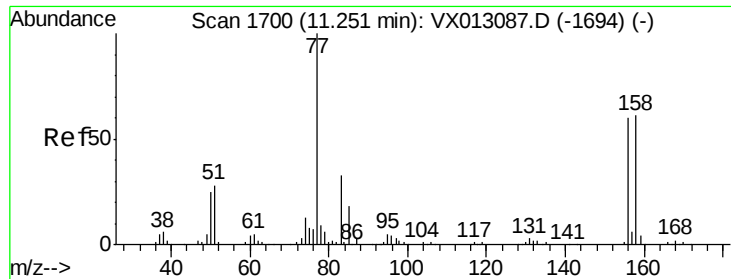
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#72
 1,2,3-Trichloropropane
 Concen: 17.703 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	75	Resp	56333
Ion Ratio	100	Lower	Upper
75	100		
77	43.2	0.0	87.8





#73

Bromobenzene

Concen: 18.606 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

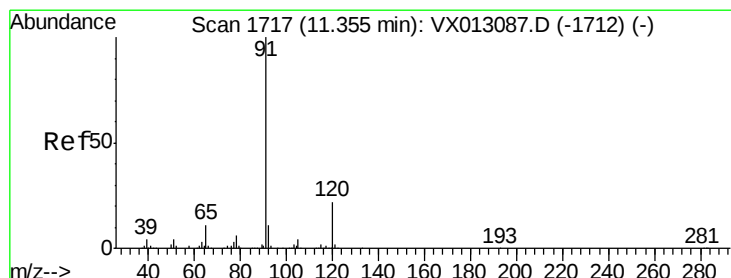
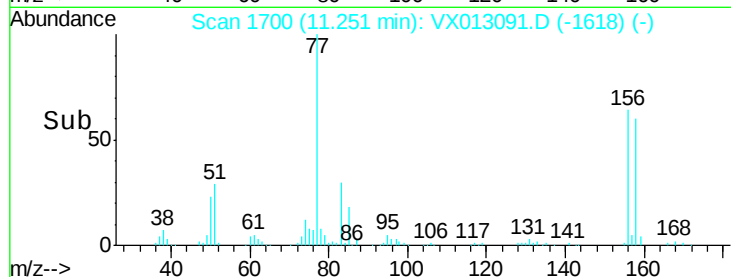
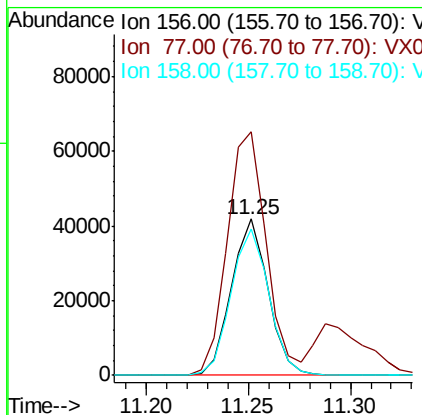
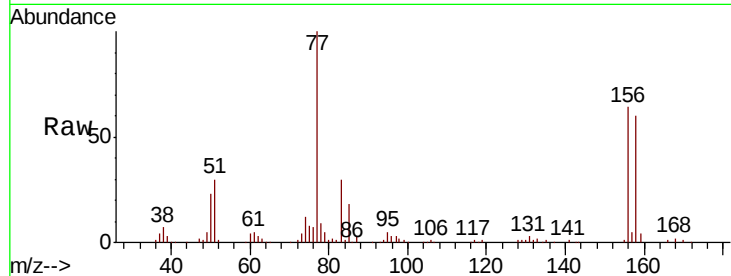
ClientSampleId :

ICVVX101619

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.2	0.0	344.0
158	96.4	0.0	195.6

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#74

n-propylbenzene

Concen: 18.858 ug/l

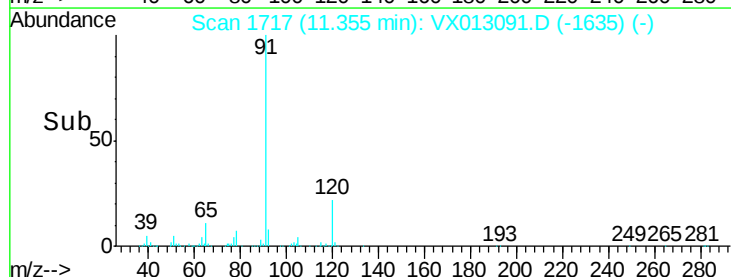
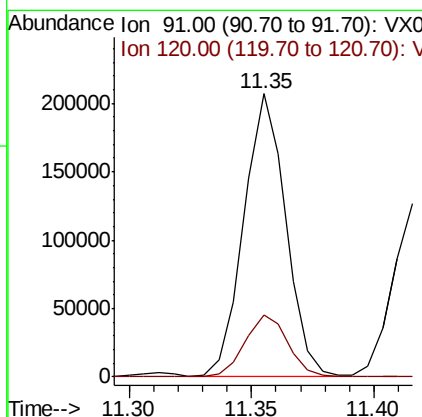
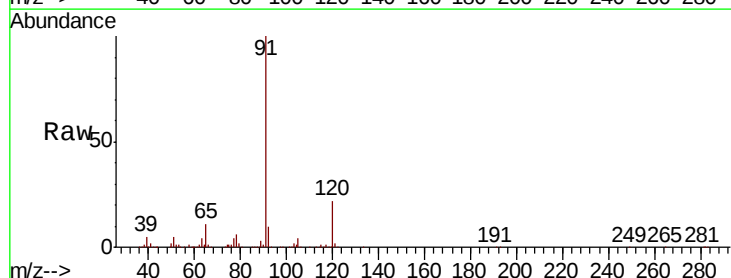
RT: 11.35 min Scan# 1717

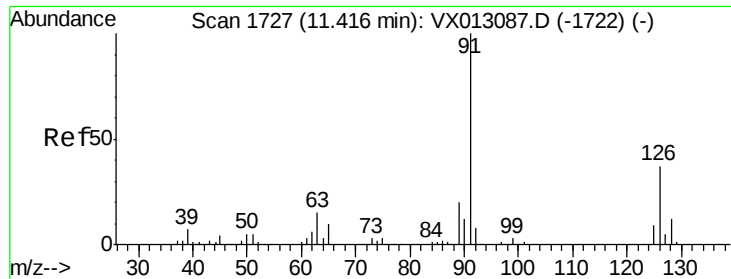
Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	0.0	45.0





#75

2-Chlorotoluene

Concen: 18.398 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 91 Resp: 148040

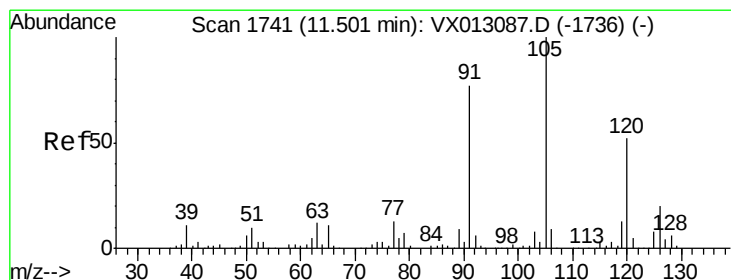
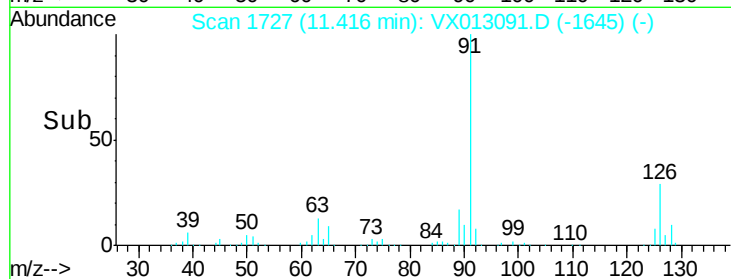
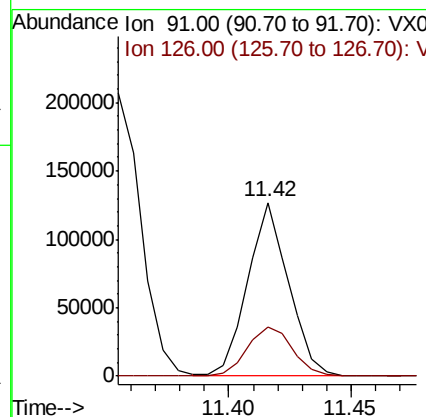
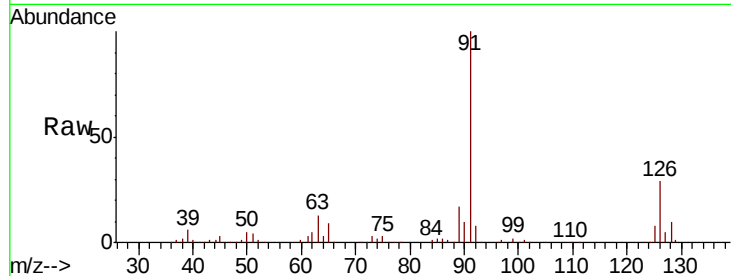
Ion Ratio Lower Upper

91 100

126 31.1 0.0 66.0

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#76

1,3,5-Trimethylbenzene

Concen: 17.969 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013091.D

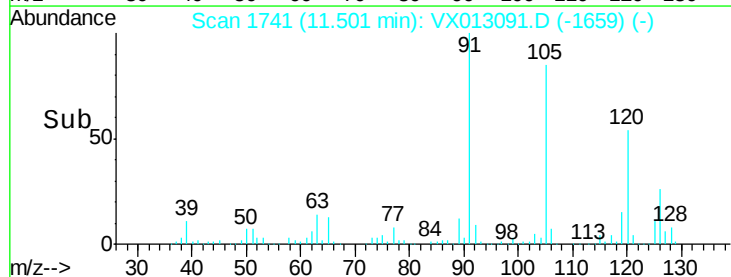
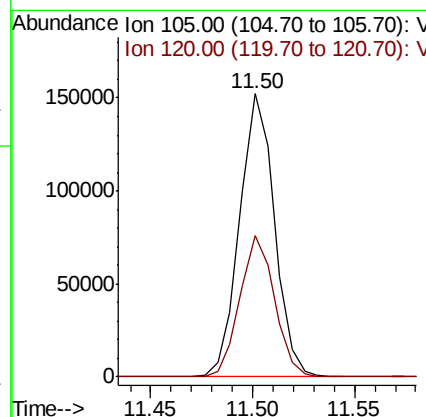
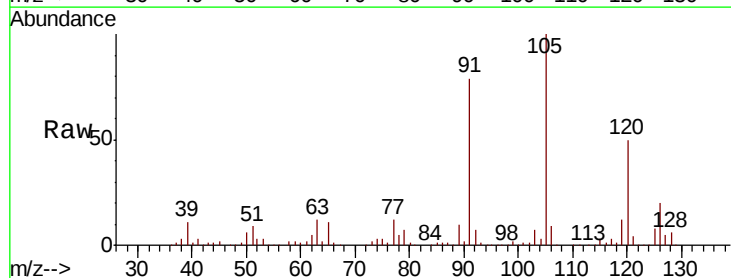
Acq: 16 Oct 2019 12:41

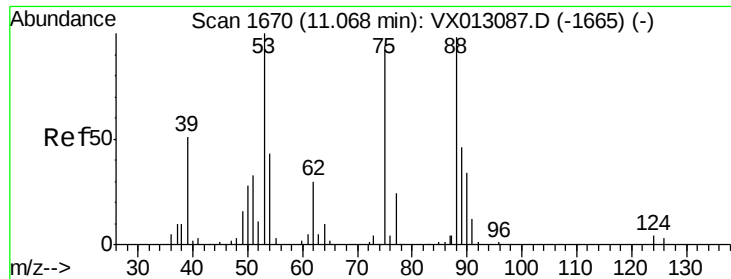
Tgt Ion: 105 Resp: 179807

Ion Ratio Lower Upper

105 100

120 49.9 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.537 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013091.D

Acq: 16 Oct 2019 12:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX101619

Tot Ion: 75 Resp: 21596

Ion Ratio Lower Upper

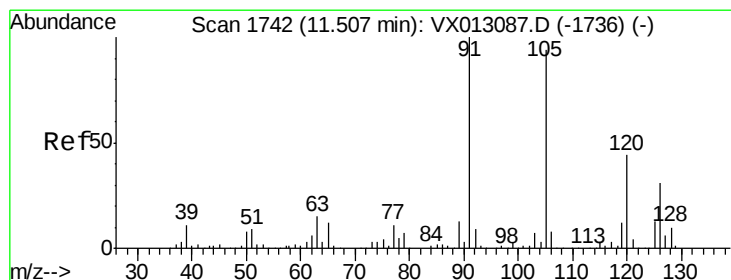
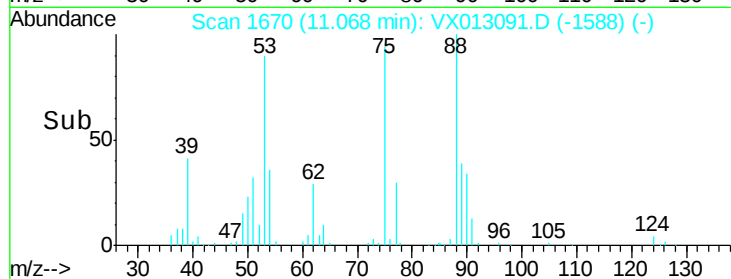
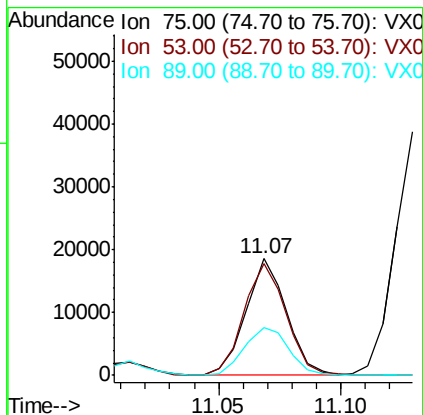
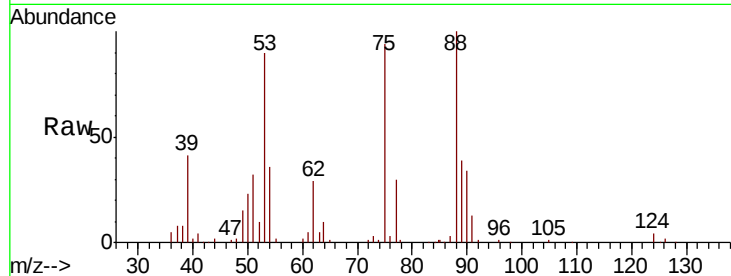
75 100

53 95.7 53.1 159.4

89 41.0 24.6 73.8

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#78

4-Chlorotoluene

Concen: 18.522 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013091.D

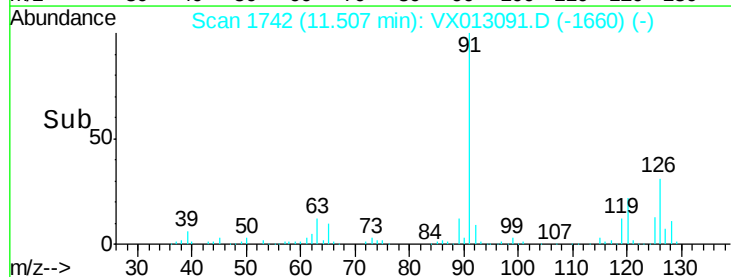
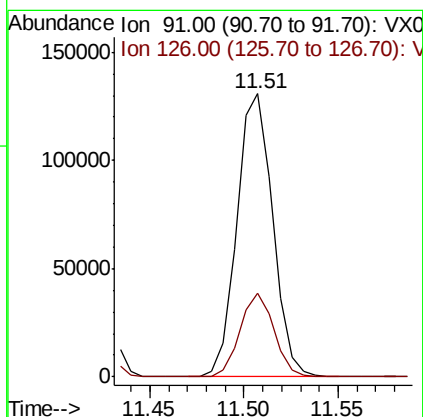
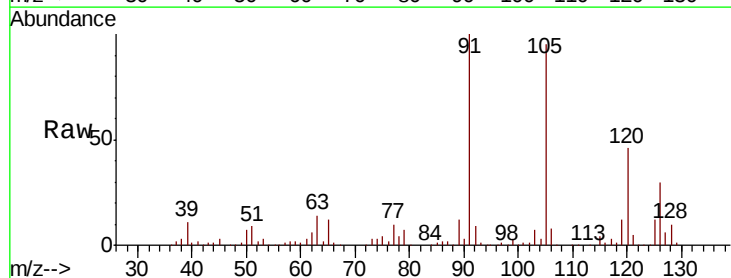
Acq: 16 Oct 2019 12:41

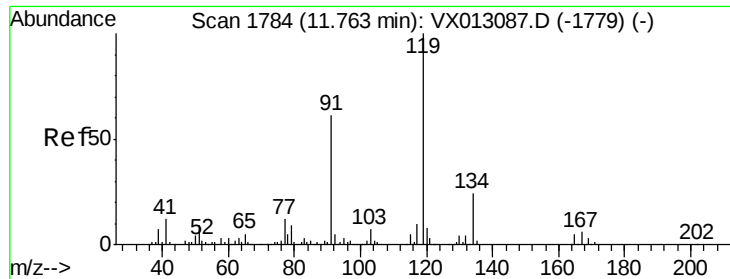
Tgt Ion: 91 Resp: 172342

Ion Ratio Lower Upper

91 100

126 27.8 0.0 57.0





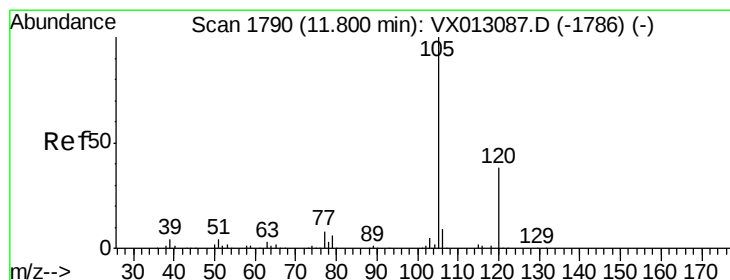
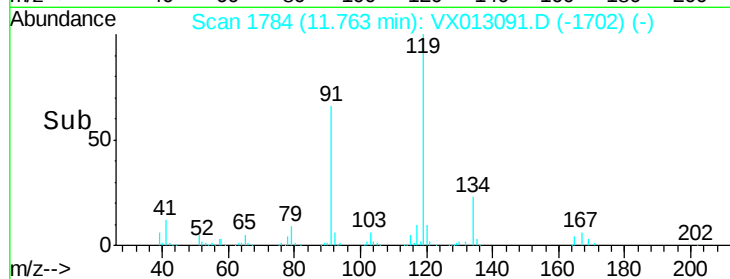
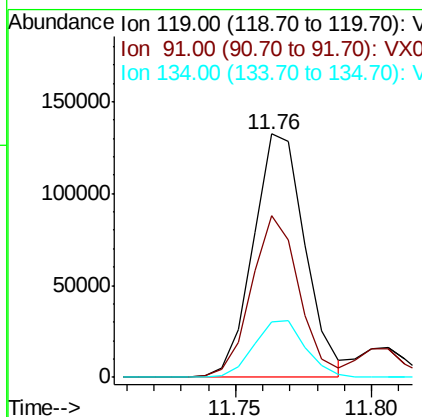
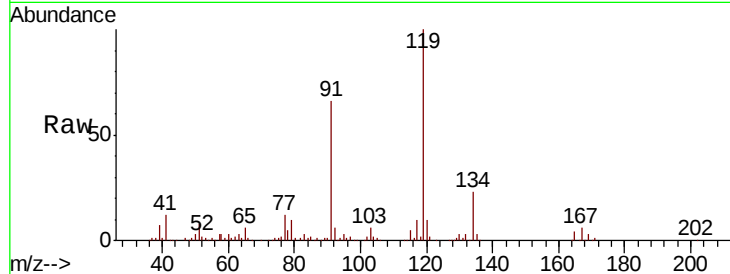
#79
tert-butylbenzene
Concen: 18.571 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174810		
91	61.4	0.0	122.2	
134	23.1	0.0	46.6	

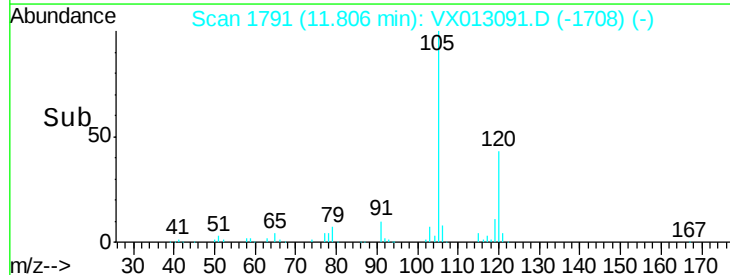
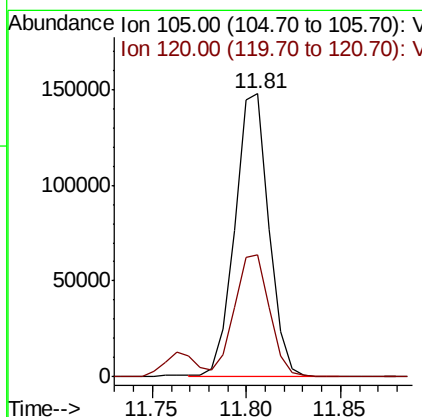
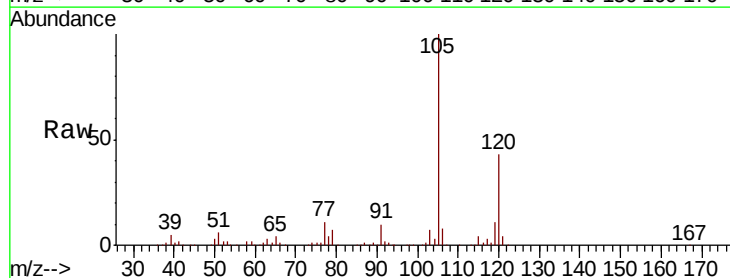
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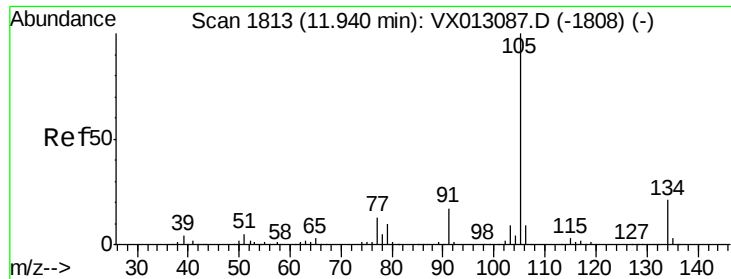
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 18.508 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184694		
120	44.6	0.0	85.8	





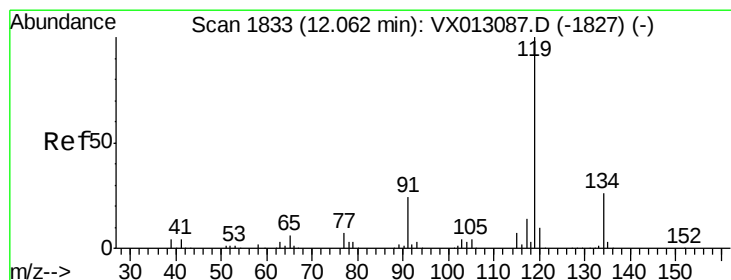
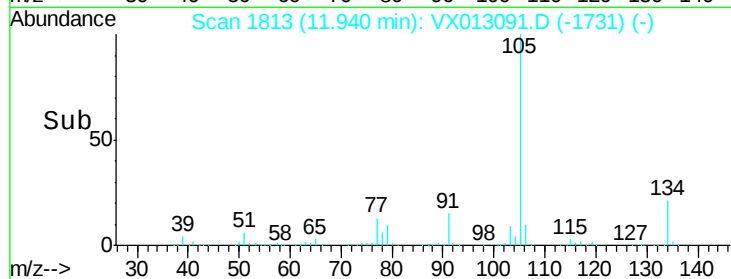
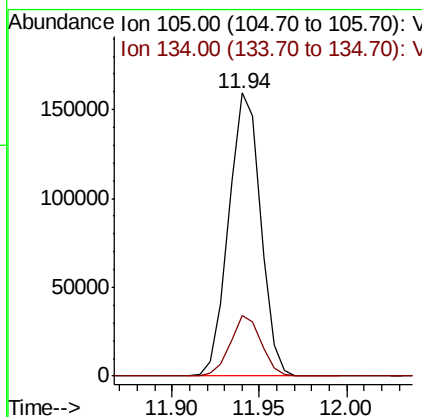
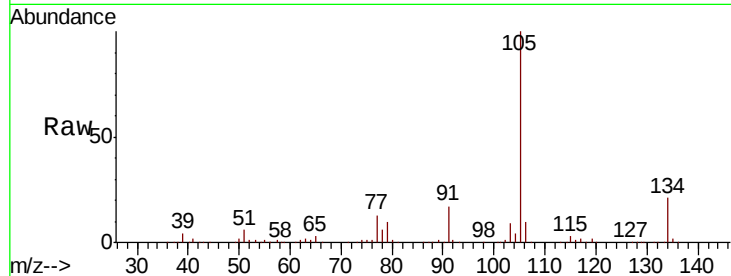
#81
 sec-Butylbenzene
 Concen: 17.869 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	39.6

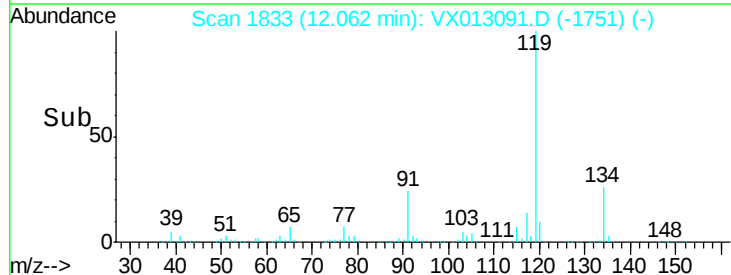
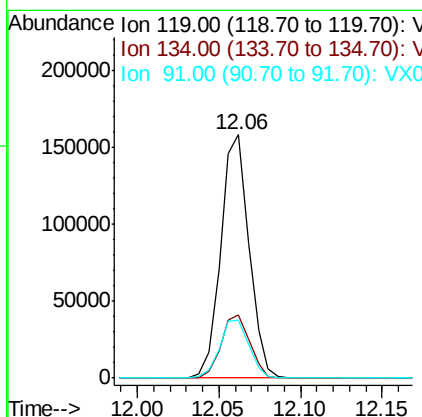
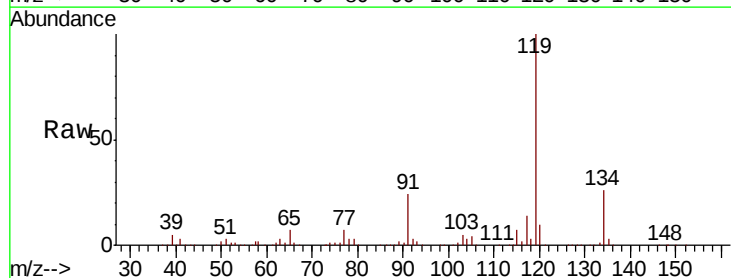
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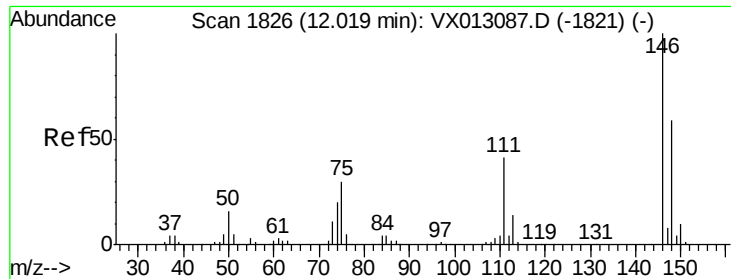
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#82
 p-Isopropyltoluene
 Concen: 18.453 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	52.0
91	24.8	0.0	50.4





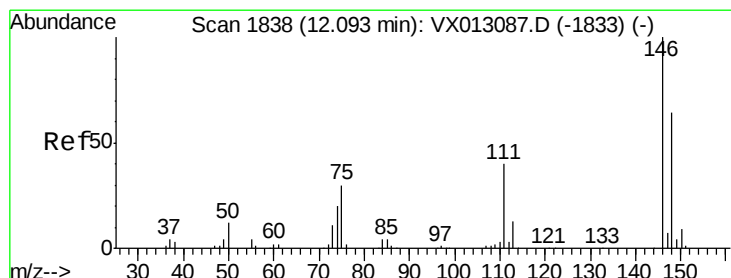
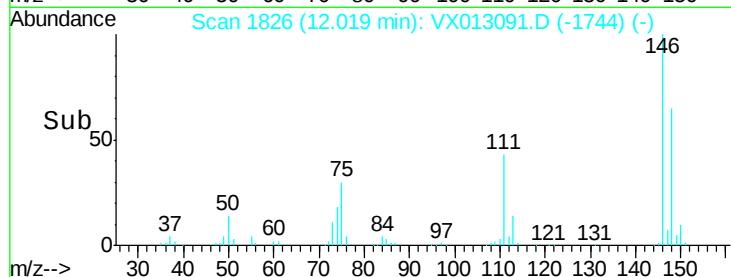
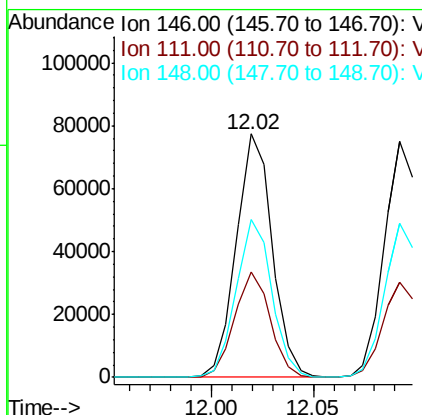
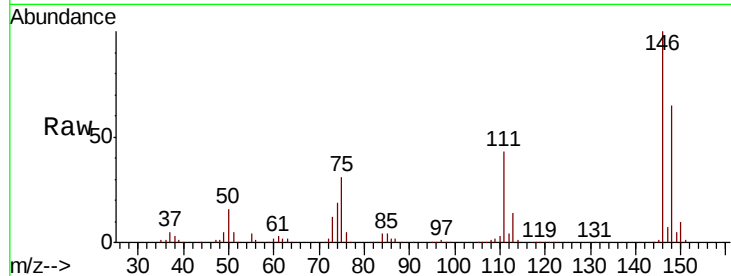
#83
 1,3-Dichlorobenzene
 Concen: 18.677 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	64.2	30.4	91.2

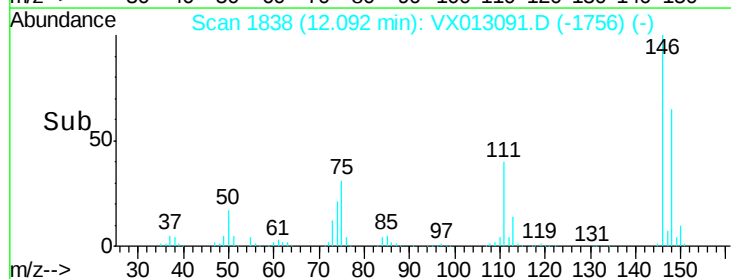
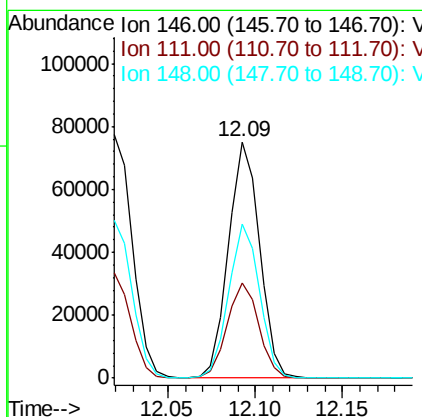
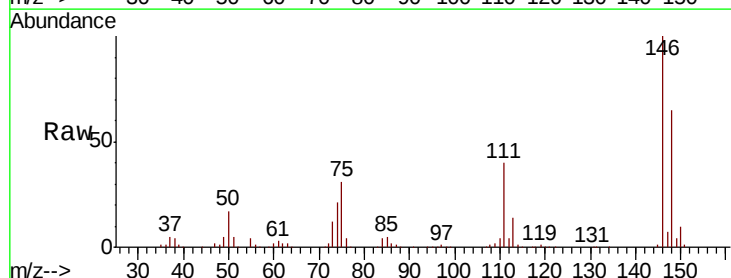
Manual Integrations
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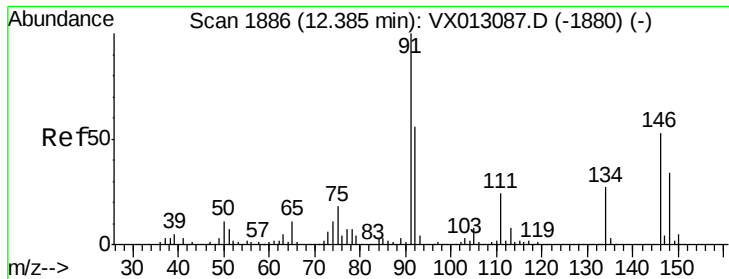
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#84
 1,4-Dichlorobenzene
 Concen: 18.259 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	64.6	31.9	95.7





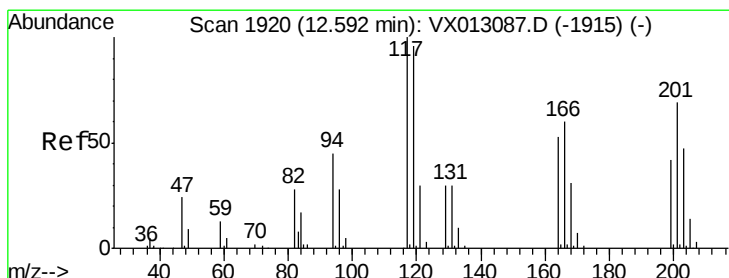
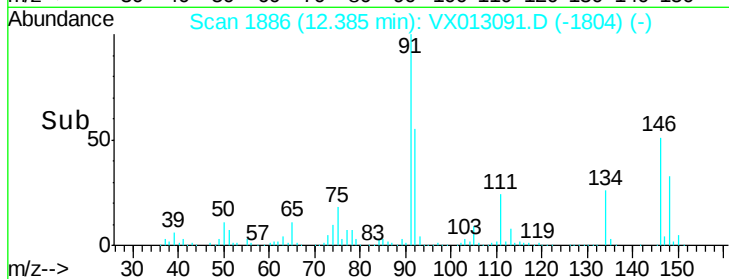
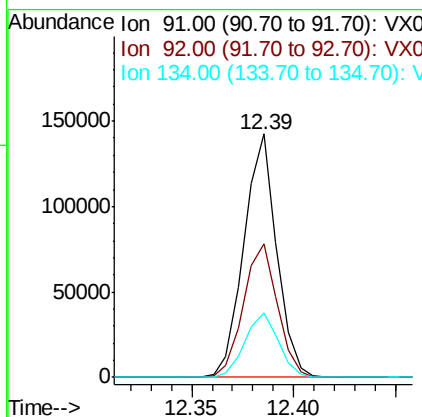
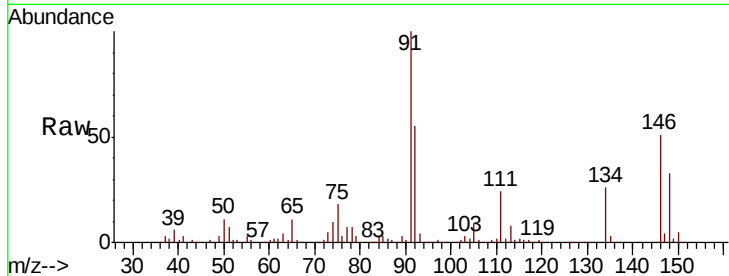
#85
n-Butylbenzene
Concen: 18.057 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVX101619

Tot Ion	Ratio	Resp	Lower	Upper
91	100	159363		
92	56.8	0.0	109.4	
134	27.0	0.0	51.6	

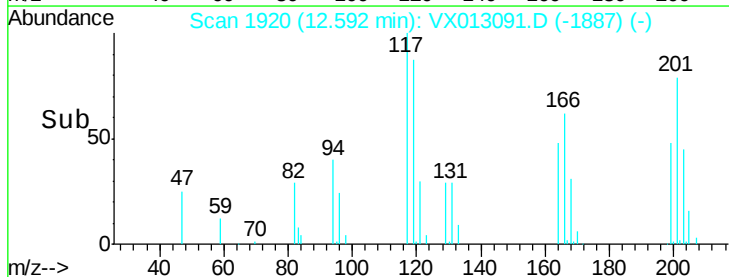
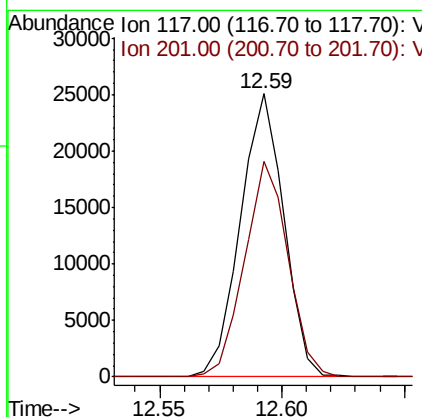
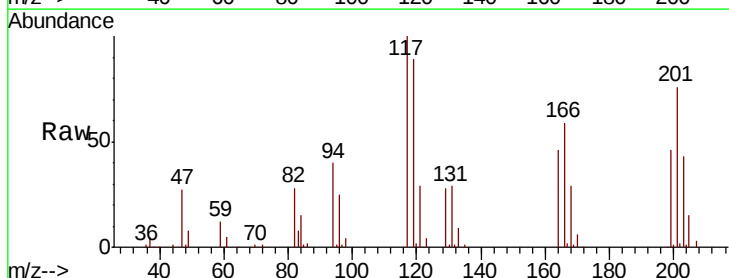
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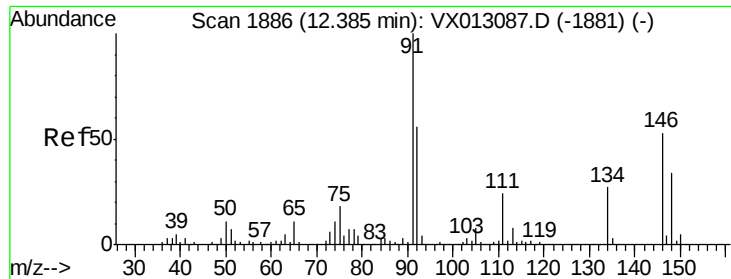
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#86
Hexachloroethane
Concen: 17.364 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31112		
201	75.8	34.2	102.5	





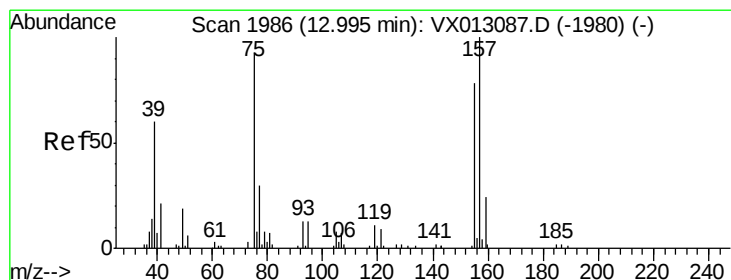
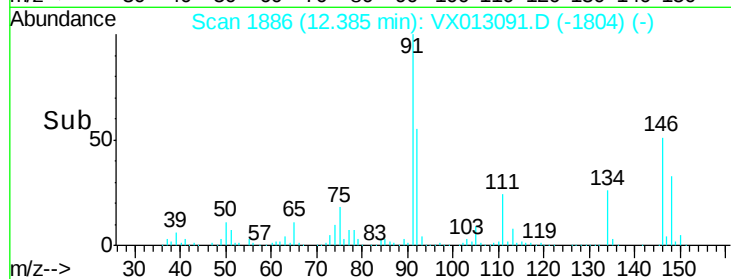
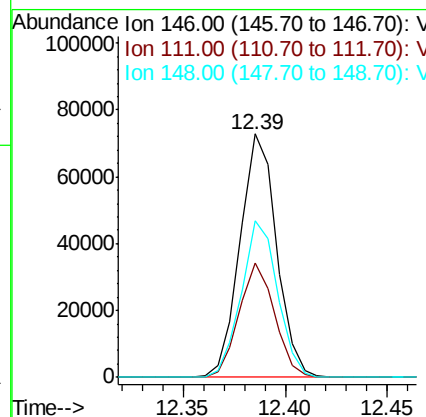
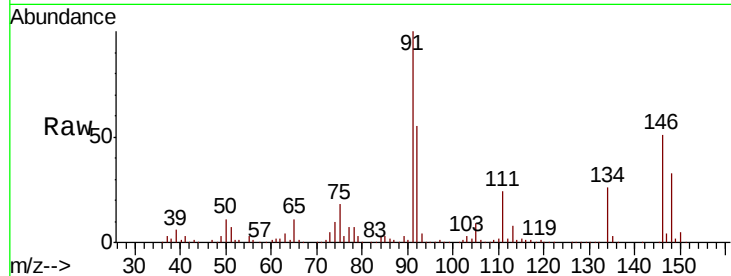
#87
 1,2-Dichlorobenzene
 Concen: 18.052 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101619

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.3	66.9
148	63.8	32.7	98.1

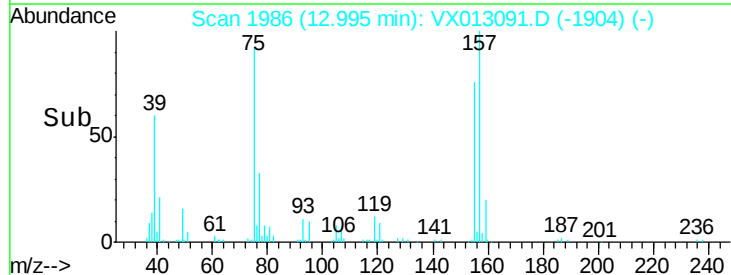
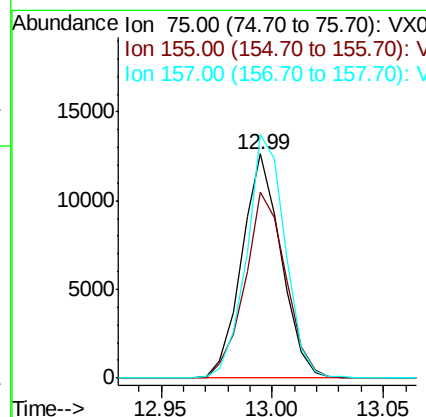
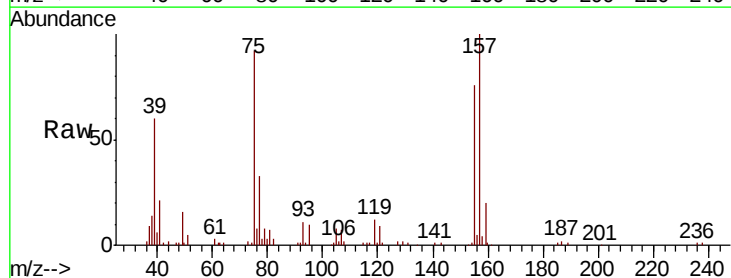
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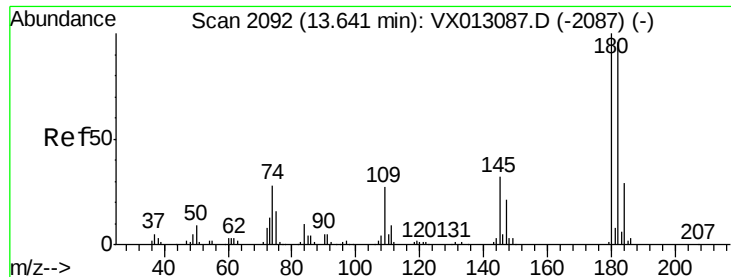
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.679 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013091.D
 Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.3	68.4	102.6
157	106.9	85.6	128.4





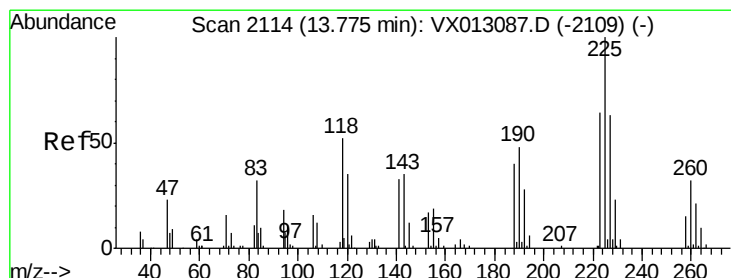
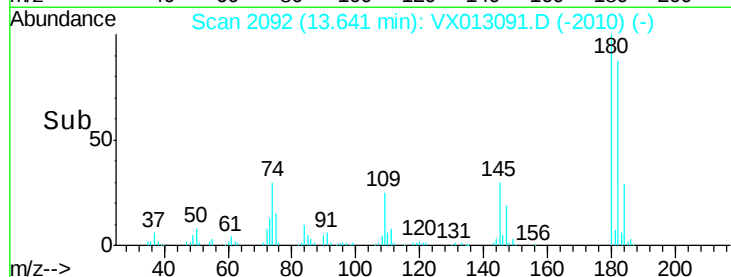
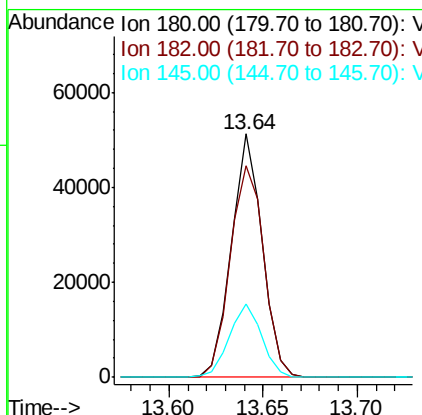
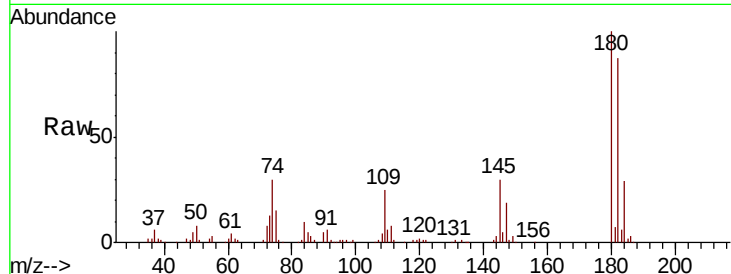
#89
1,2,4-Trichlorobenzene
Concen: 18.596 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.8	112.2
145	31.9	26.2	39.2

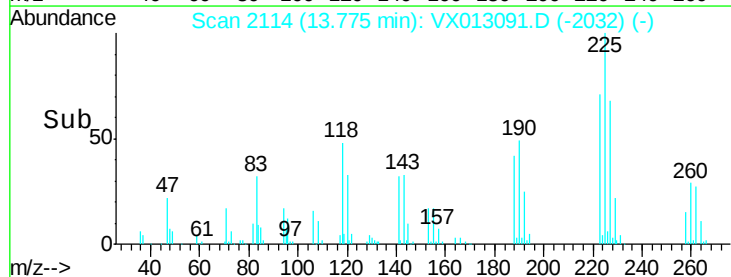
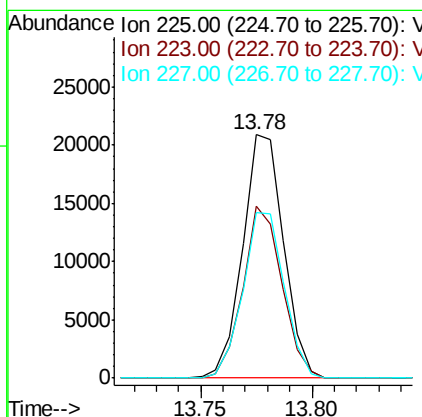
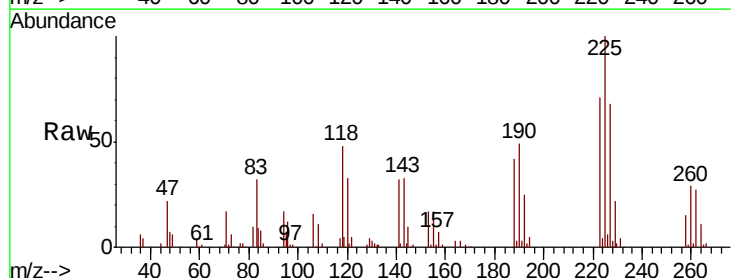
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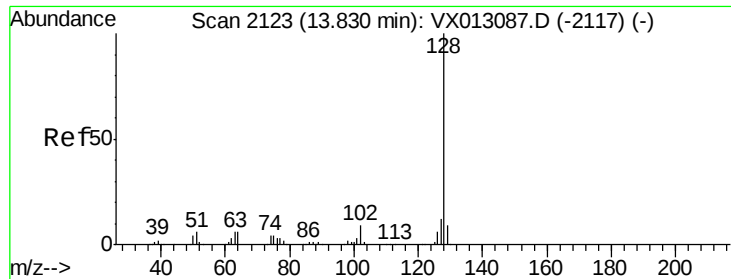
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#90
Hexachlorobutadiene
Concen: 18.121 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.5	0.0	132.2
227	68.7	0.0	124.2





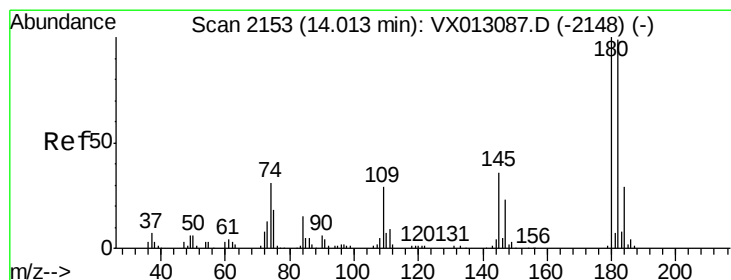
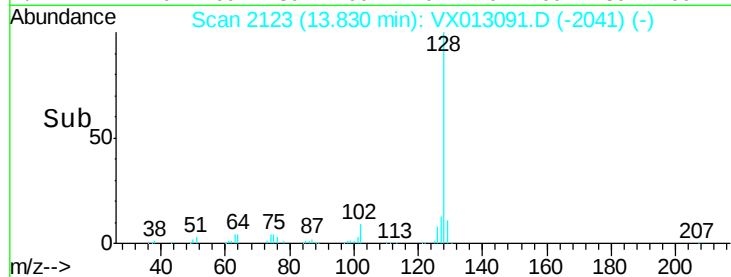
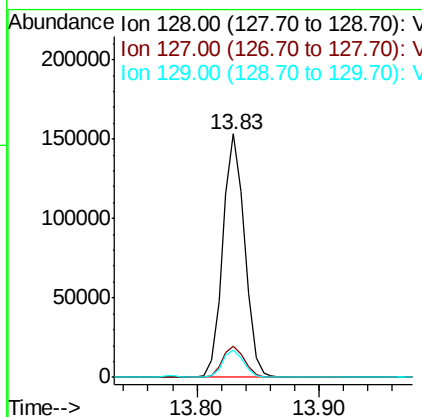
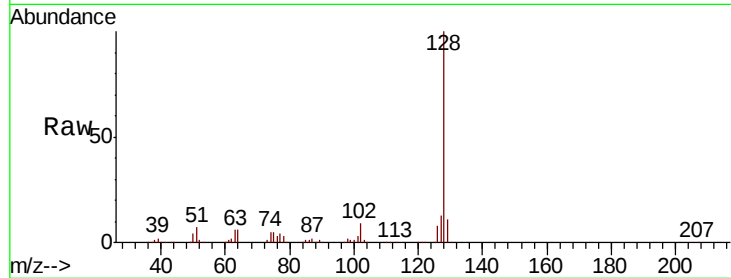
#91
Naphthalene
Concen: 17.753 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101619

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	11.0	8.0	12.0

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#92
1,2,3-Trichlorobenzene
Concen: 18.751 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013091.D
Acq: 16 Oct 2019 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	0.0	195.2
145	34.4	0.0	69.8

