

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013093.D
 Acq On : 16 Oct 2019 13:51
 Operator : JC/SP
 Sample : VX1016WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 03:29:38 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	31124	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	175853	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	157551	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	70738	29.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.80%
60) 4-Bromofluorobenzene	11.14	95	80355	29.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.13%
63) Toluene-d8	8.71	98	218568	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	40356	19.232	ug/l 98
3) Chloromethane	1.32	50	38633	18.757	ug/l 97
4) Vinyl Chloride	1.40	62	38525	18.751	ug/l 98
5) Bromomethane	1.63	94	23265	24.230	ug/l 99
6) Chloroethane	1.72	64	23465	18.577	ug/l 97
7) Trichlorofluoromethane	1.92	101	57621	19.087	ug/l 97
8) Diethyl Ether	2.18	74	21267	19.143	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36274	19.062	ug/l 97
10) 1,1-Dichloroethene	2.36	96	34792	18.585	ug/l 99
11) Methyl Iodide	2.50	142	31585	13.795	ug/l 99
12) Methyl Acetate	2.76	43	49204	18.795	ug/l 95
13) Acrolein	2.28	56	30767	81.674	ug/l 98
14) Acrylonitrile	3.13	53	100528	92.001	ug/l 99
15) Acetone	2.43	58	34726	89.771	ug/l 92
16) Carbon Disulfide	2.56	76	92197	18.212	ug/l 97
17) Allyl chloride	2.72	41	58580	18.440	ug/l 96
18) Methylene Chloride	2.85	84	39980	18.772	ug/l 93
19) trans-1,2-Dichloroethene	3.15	96	37789	18.852	ug/l 92
20) Diisopropyl ether	3.84	45	116674	19.143	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	67433	19.185	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	43028	18.678	ug/l 98
23) tert-Butyl Alcohol	3.03	59	45930	83.196	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	120311	18.856	ug/l 100
25) Chloroform	5.20	83	69036	18.995	ug/l 96
26) Cyclohexane	5.57	56	60218	18.854	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	51573	19.227	ug/l 99
30) 2-Butanone	4.65	43	145481	92.078	ug/l 100
31) 2,2-Dichloropropane	4.57	77	57329	18.893	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	58315	18.584	ug/l 99
33) Carbon Tetrachloride	5.78	117	50306	18.686	ug/l 95
34) Benzene	6.13	78	153801	19.314	ug/l 99
35) Methacrylonitrile	5.03	41	28548	18.426	ug/l 93
36) 1,2-Dichloroethane	6.18	62	55502	19.277	ug/l 99
37) Trichloroethene	7.21	130	40414	18.997	ug/l 100
38) Methylcyclohexane	7.46	83	63614	19.377	ug/l 99
39) 1,2-Dichloropropane	7.50	63	37890	18.947	ug/l 99
40) Dibromomethane	7.65	93	25596	18.847	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Oct 17 03:29:38 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)
41) Bromodichloromethane	7.89	83	50663	18.788	ug/l	97
42) Vinyl Acetate	3.80	43	495581	95.783	ug/l	100
43) Ethyl Acetate	4.81	43	54261	19.083	ug/l	98
44) Isopropyl Acetate	6.43	43	85596	18.667	ug/l	98
45) 1,4-Dioxane	7.73	88	20605	365.631	ug/l	97
46) Methyl methacrylate	7.76	41	42136	18.802	ug/l	89
47) n-amyl Acetate	10.89	43	70808	18.137	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	55753	18.682	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	61438	18.661	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	38773	18.917	ug/l	98
51) Ethyl methacrylate	9.17	69	58937	18.283	ug/l	97
52) 1,3-Dichloropropane	9.37	76	66465	19.322	ug/l	100
53) Dibromochloromethane	9.57	129	37759	17.940	ug/l	98
54) 1,2-Dibromoethane	9.67	107	40396	18.738	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	138757	97.842	ug/l	99
56) Bromoform	10.85	173	25675	17.530	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	269255	93.924	ug/l	100
59) 2-Hexanone	9.48	43	206382	92.256	ug/l	100
61) Tetrachloroethene	9.33	164	39533	19.695	ug/l	93
62) Toluene	8.78	91	163464	19.092	ug/l	99
64) Chlorobenzene	10.14	112	103342	18.991	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	36992	18.509	ug/l	99
66) Ethyl Benzene	10.25	91	186227	19.056	ug/l	97
67) m/p-Xylenes	10.35	106	140802	38.297	ug/l	99
68) o-Xylene	10.70	106	68213	19.053	ug/l	97
69) Styrene	10.71	104	113177	18.363	ug/l	98
70) Isopropylbenzene	11.01	105	183661	19.207	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	58505	18.800	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	46160m	17.839	ug/l	
73) Bromobenzene	11.25	156	42295	18.545	ug/l	97
74) n-propylbenzene	11.35	91	200308	18.754	ug/l	100
75) 2-Chlorotoluene	11.42	91	124225	18.985	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	155938	19.164	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	17710	17.685	ug/l	96
78) 4-Chlorotoluene	11.51	91	144719	19.127	ug/l	99
79) tert-butylbenzene	11.77	119	145701	19.035	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	151394	18.657	ug/l	97
81) sec-Butylbenzene	11.94	105	168953	18.323	ug/l	100
82) p-Isopropyltoluene	12.06	119	160010	19.031	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	77399	18.724	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	76954	18.509	ug/l	98
85) n-Butylbenzene	12.38	91	129997	18.113	ug/l	98
86) Hexachloroethane	12.59	117	26222	17.997	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	73565	18.044	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	12815	17.933	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	48127	18.920	ug/l	98
90) Hexachlorobutadiene	13.78	225	22761	18.852	ug/l	98
91) Naphthalene	13.83	128	149923	17.329	ug/l	97
92) 1,2,3-Trichlorobenzene	14.01	180	46268	18.158	ug/l	99

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

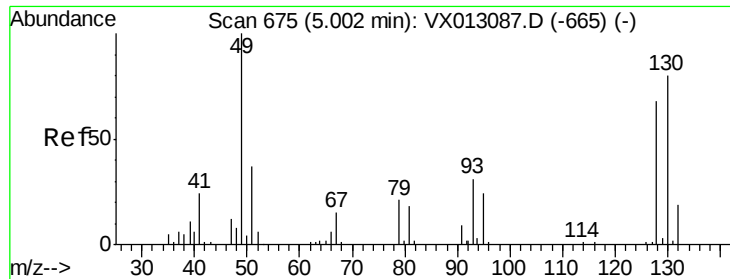
Manual Integrations
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10/18/2019 4:52:10 PM

Quant Time: Oct 17 03:29:38 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

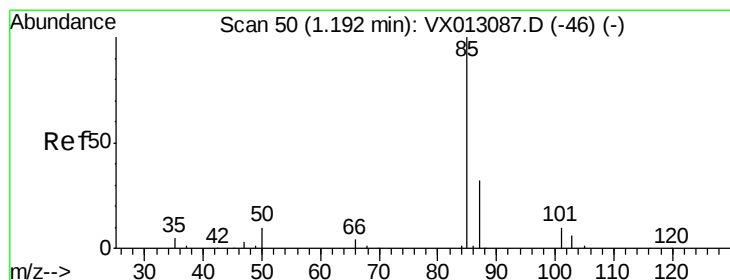
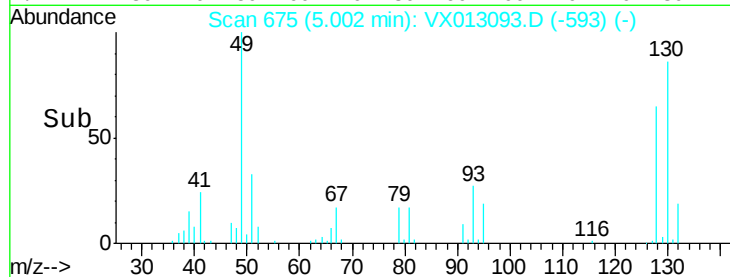
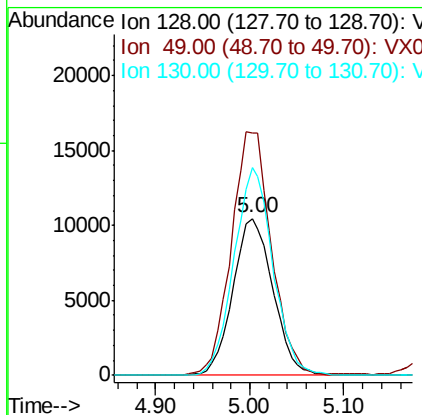
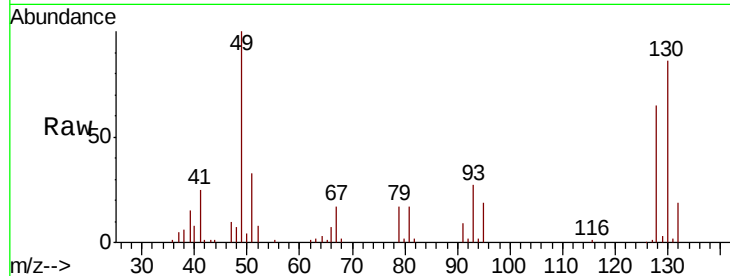
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	155.3	0.0	382.3
130	128.7	0.0	321.8

Manual Integrations
 APPROVED

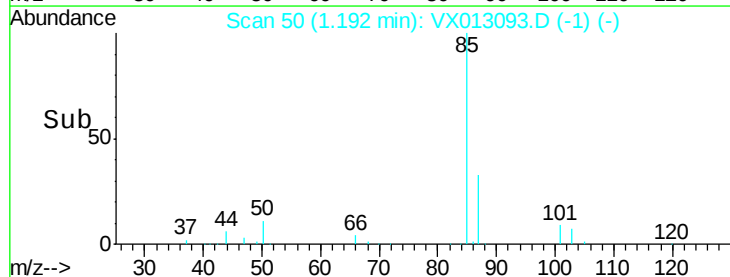
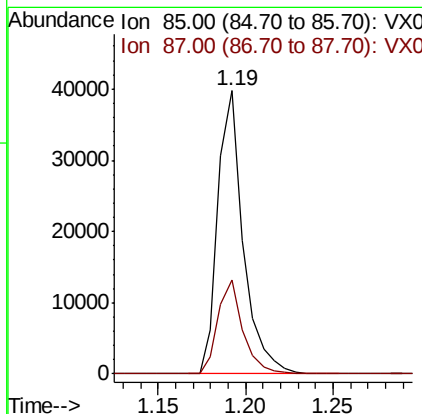
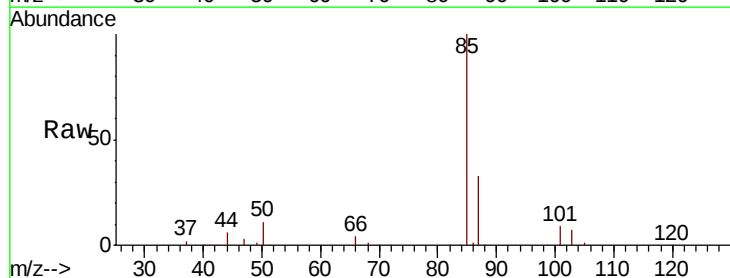
MMDadoda
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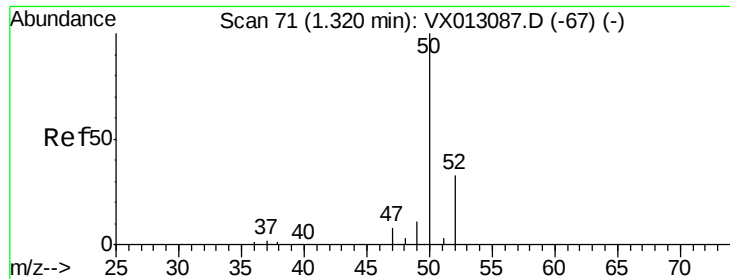


#2

Dichlorodifluoromethane
 Concen: 19.232 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.2	48.5





#3

Chloromethane

Concen: 18.757 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tot Ion: 50 Resp: 38633

Ion Ratio Lower Upper

50 100

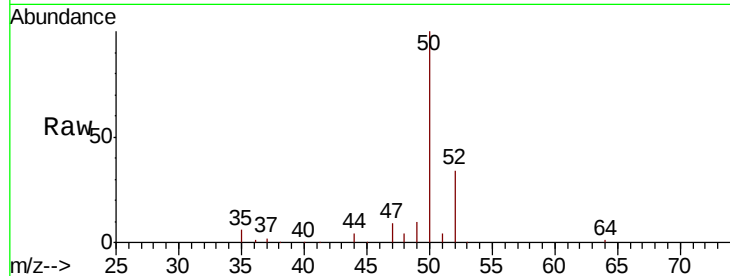
52 34.4 26.0 39.0

Manual Integrations

APPROVED

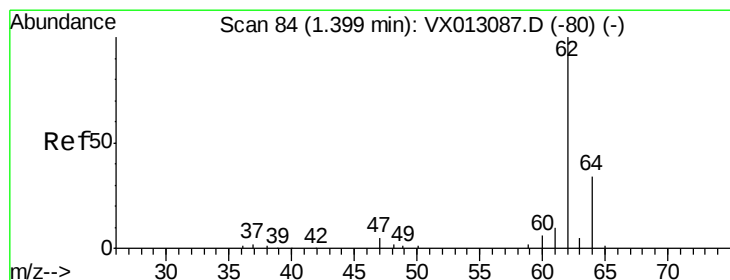
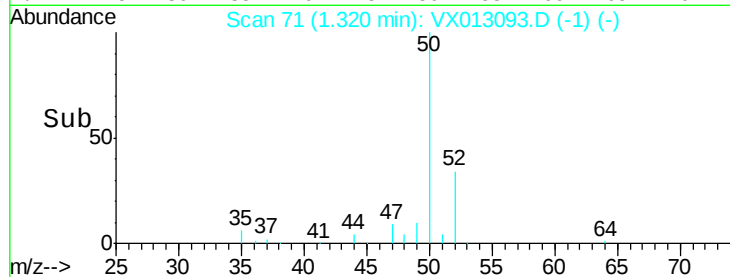
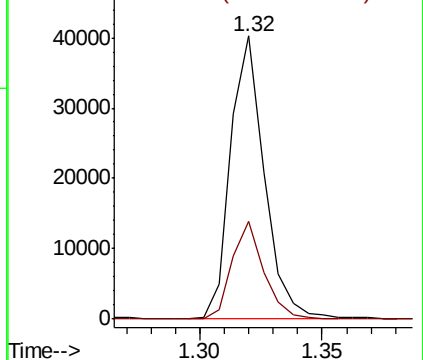
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.751 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013093.D

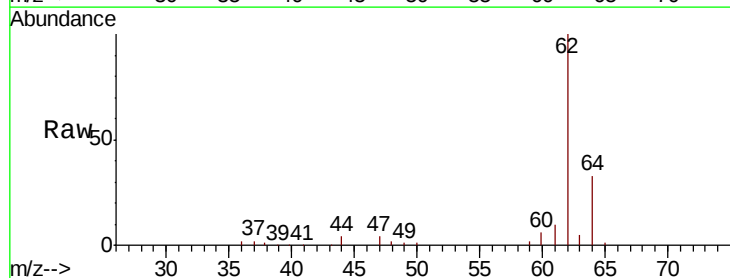
Acq: 16 Oct 2019 13:51

Tgt Ion: 62 Resp: 38525

Ion Ratio Lower Upper

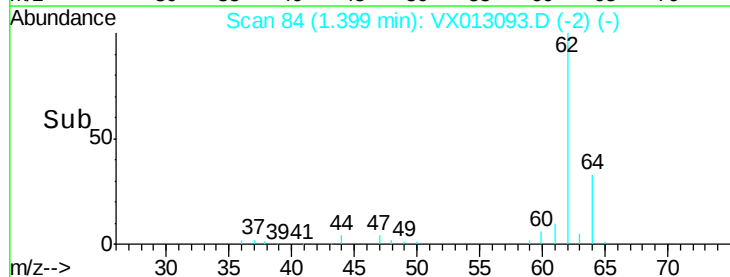
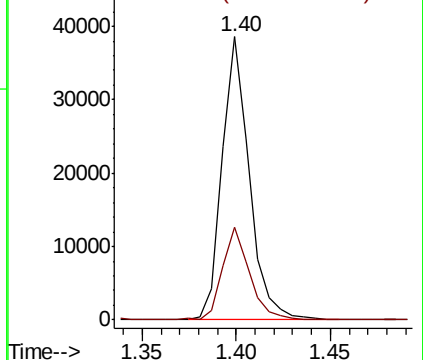
62 100

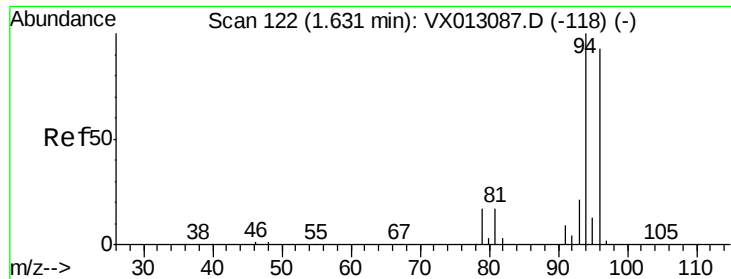
64 32.8 27.4 41.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 24.230 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tot Ion: 94 Resp: 23265

Ion Ratio Lower Upper

94 100

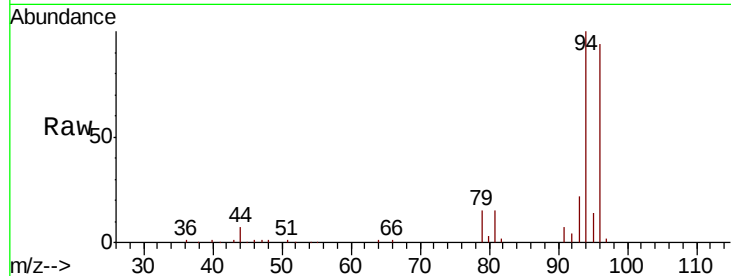
96 94.0 74.2 111.4

Manual Integrations

APPROVED

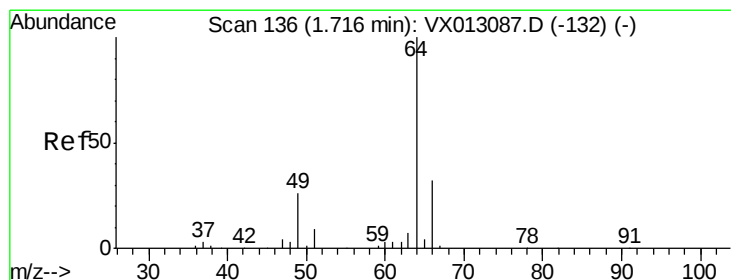
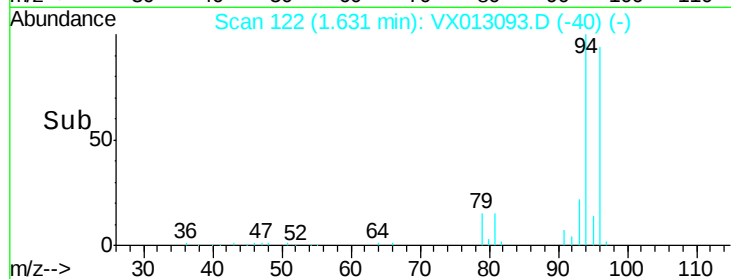
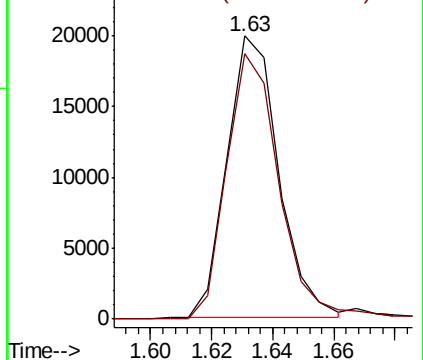
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.577 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013093.D

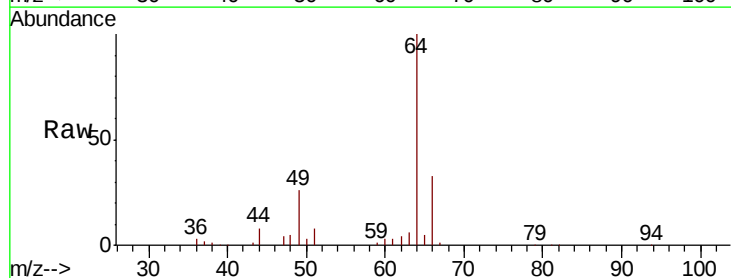
Acq: 16 Oct 2019 13:51

Tgt Ion: 64 Resp: 23465

Ion Ratio Lower Upper

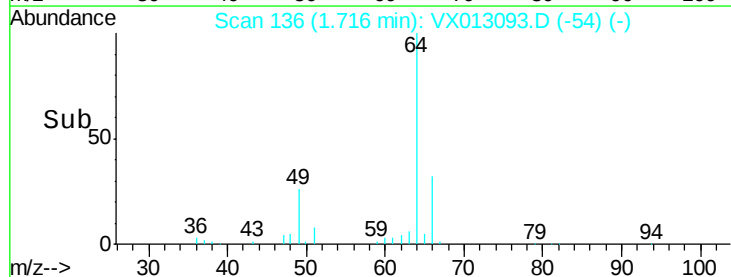
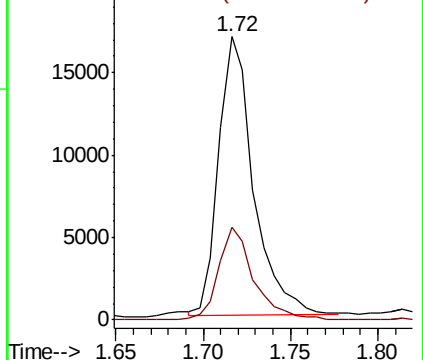
64 100

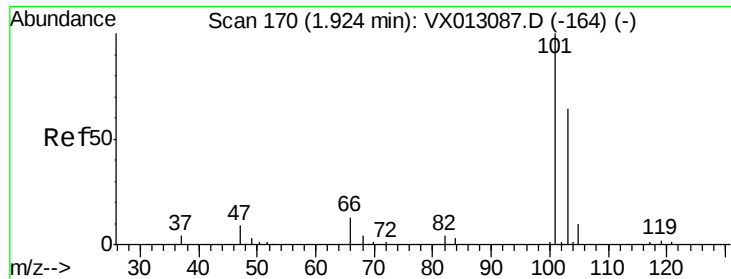
66 33.5 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

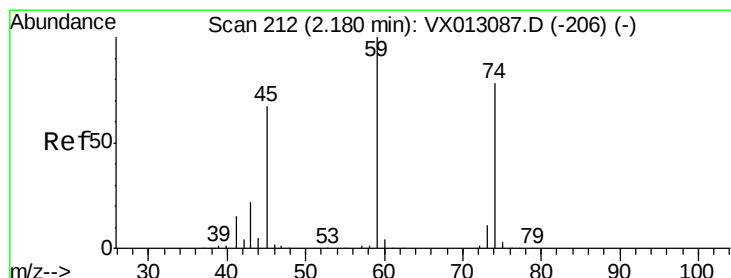
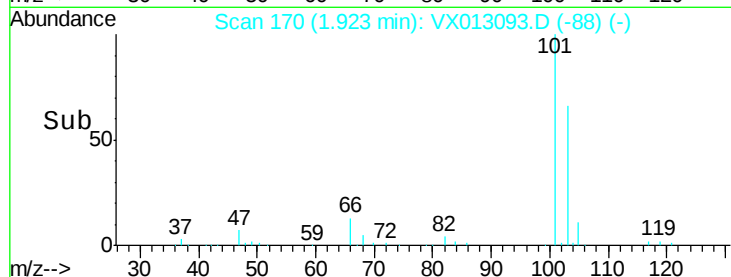
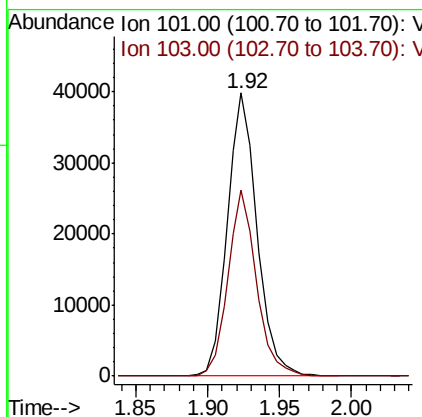
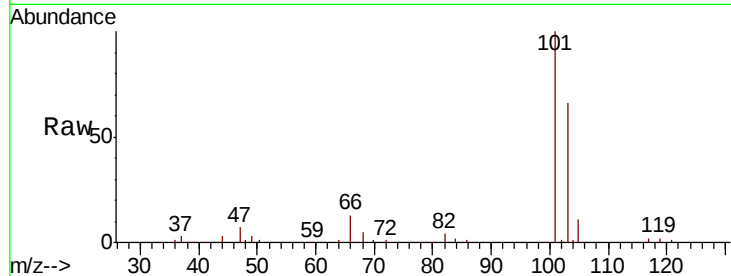
Trichlorofluoromethane
Concen: 19.087 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

Manual Integrations
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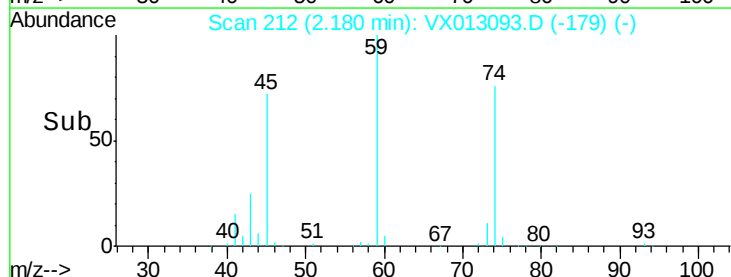
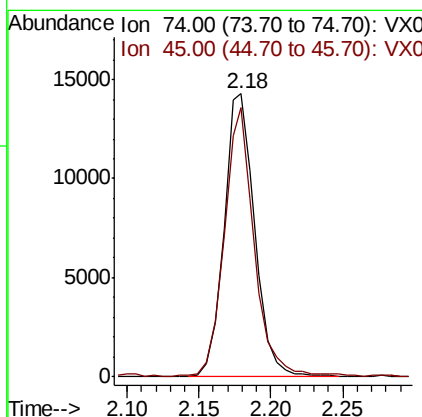
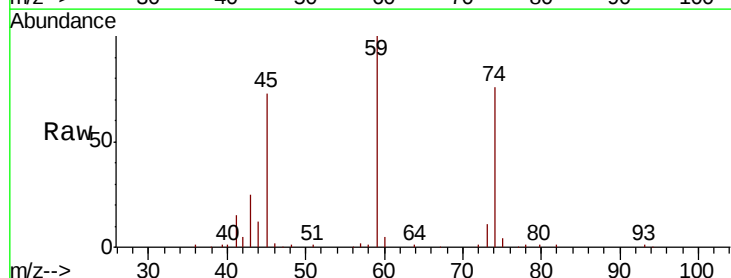
MMDadoda
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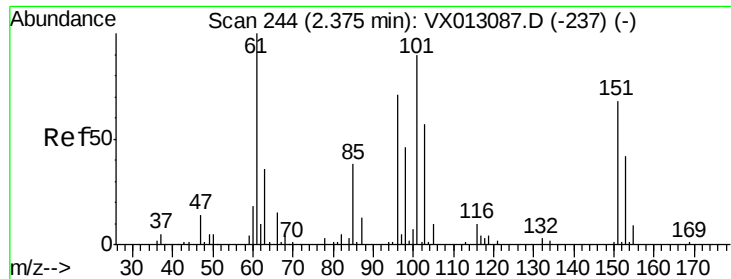


#8

Diethyl Ether
Concen: 19.143 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	18.2	163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.062 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

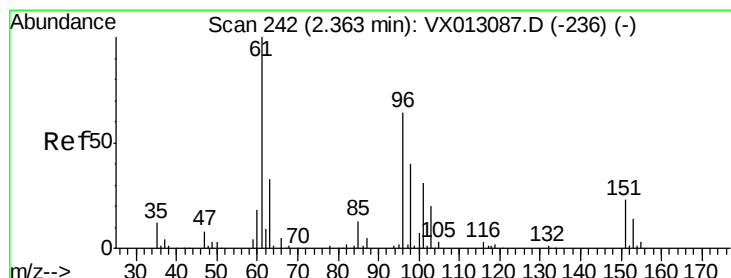
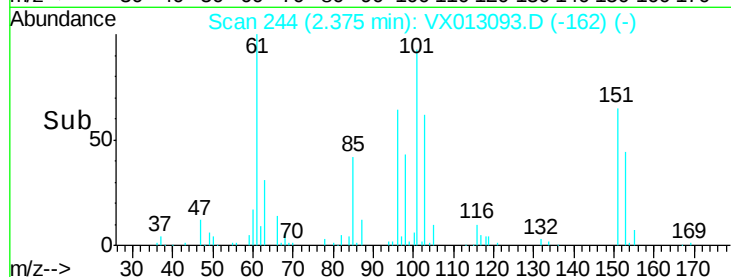
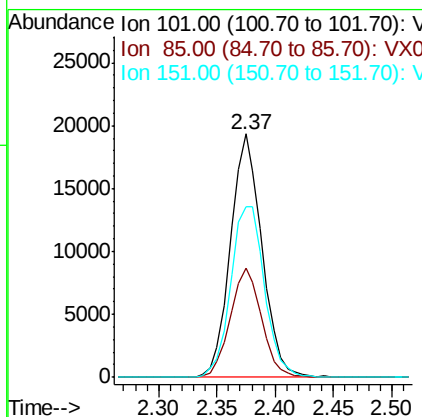
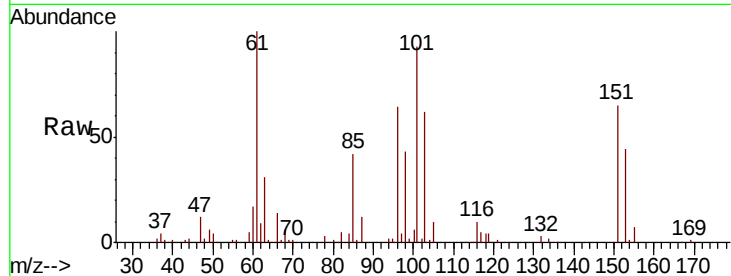
ClientSampleId :

VX1016WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	44.8	0.0	85.2
151	75.6	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.585 ug/l

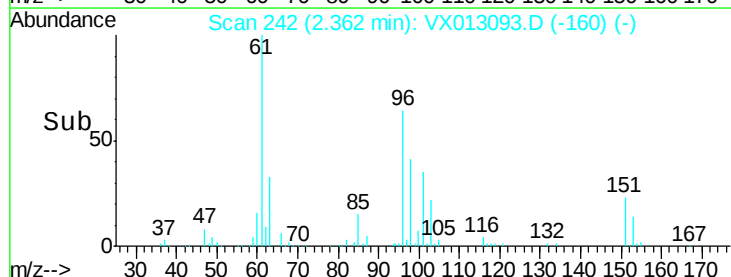
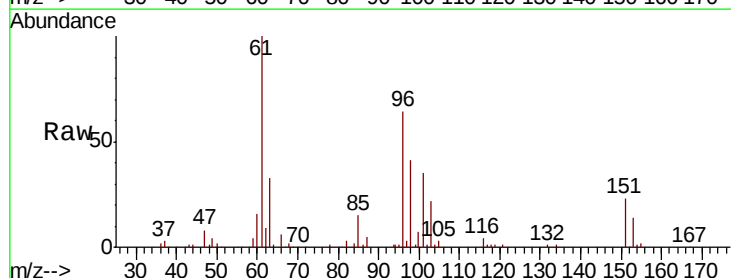
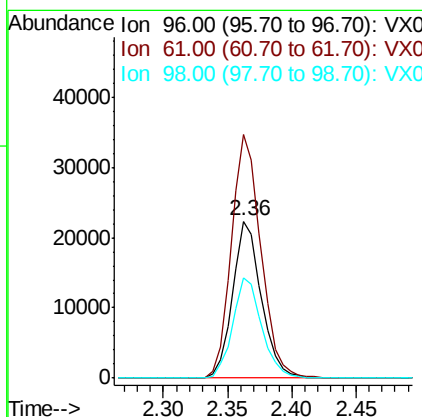
RT: 2.36 min Scan# 242

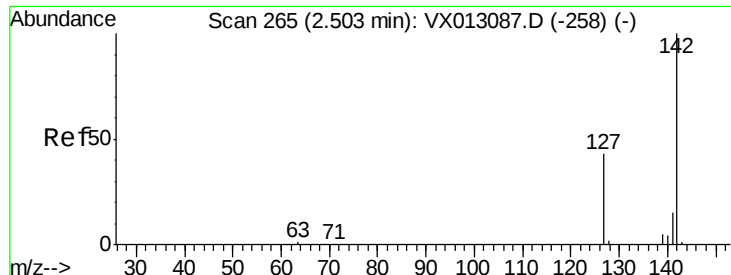
Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	124.2	186.2
98	64.1	50.2	75.2





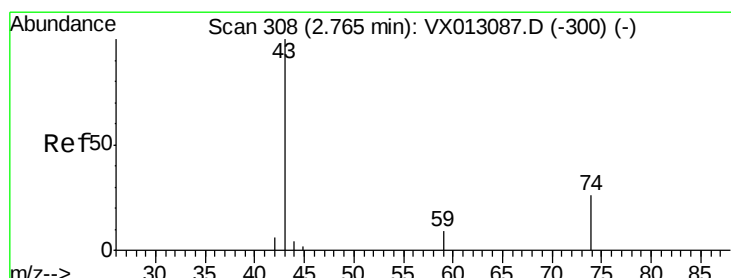
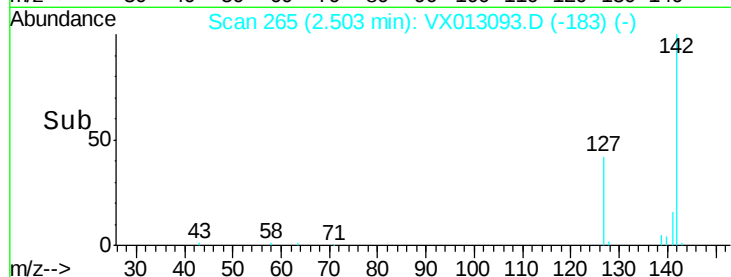
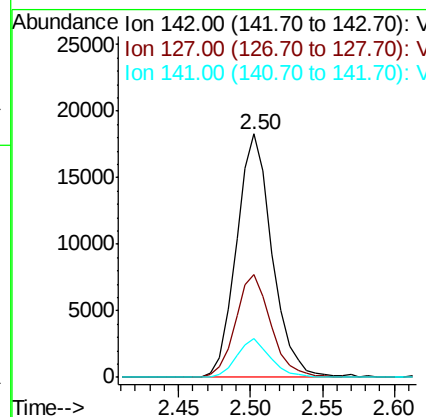
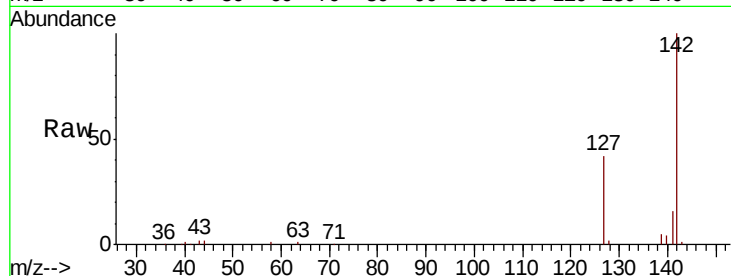
#11
Methyl Iodide
Concen: 13.795 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.3	21.4	64.2
141	16.1	7.3	21.9

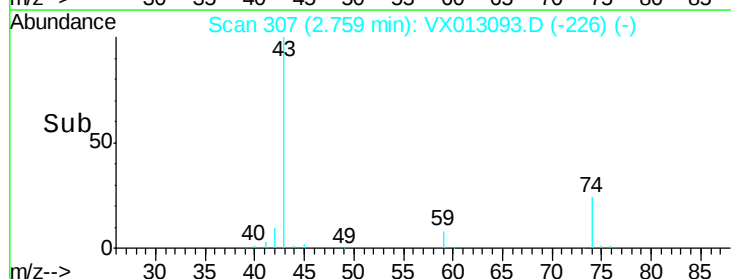
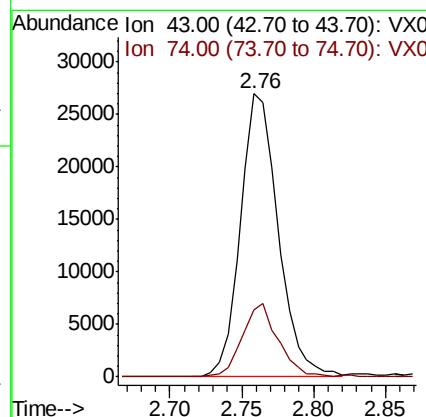
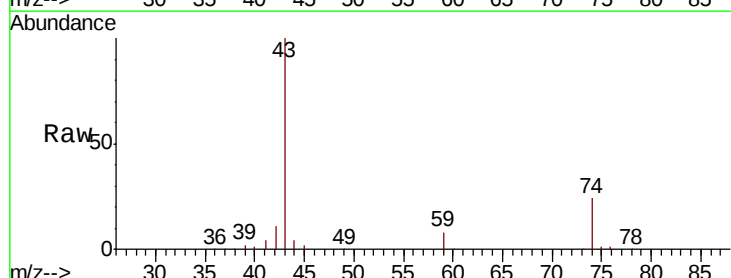
Manual Integrations
APPROVED

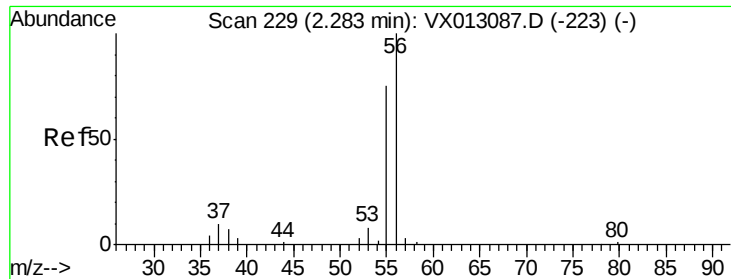
MMDadoda
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#12
Methyl Acetate
Concen: 18.795 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	20.9	31.3





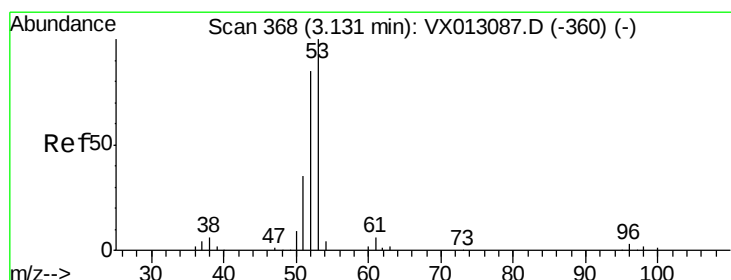
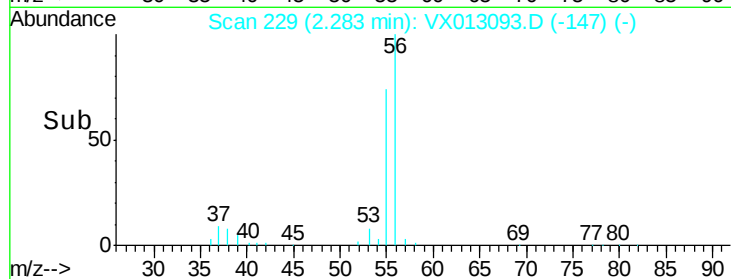
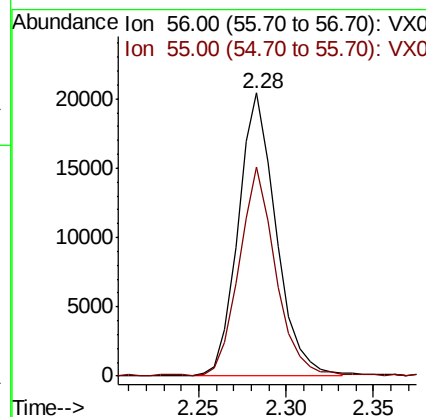
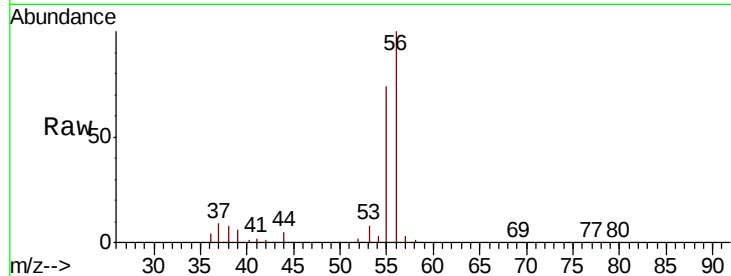
#13
Acrolein
Concen: 81.674 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	56	Resp	30767
Ion Ratio	100	Lower	Upper
55	70.3	57.8	86.8

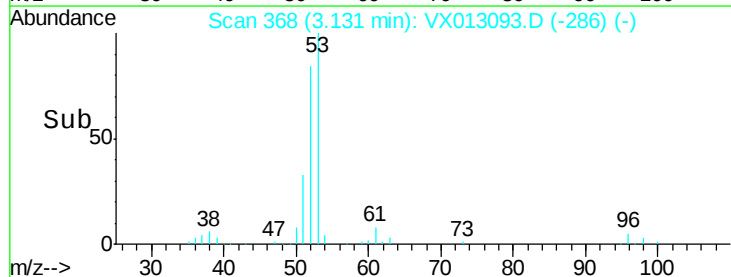
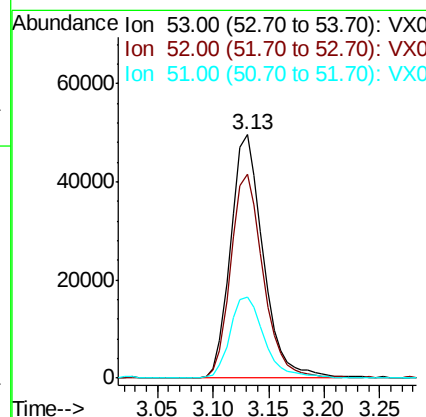
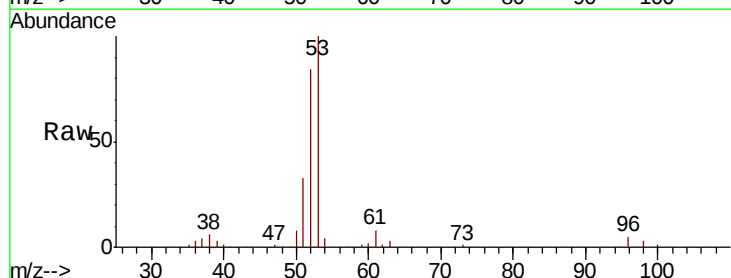
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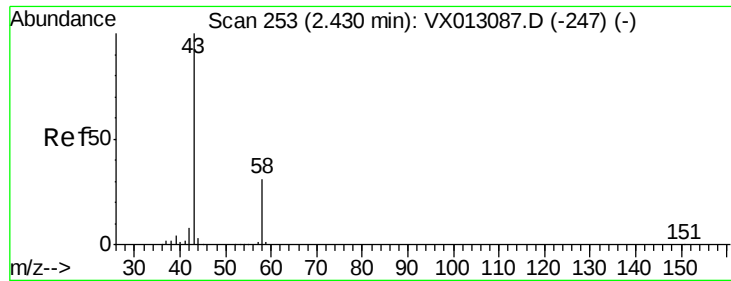
MMDadoda
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#14
Acrylonitrile
Concen: 92.001 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	53	Resp	100528
Ion Ratio	100	Lower	Upper
52	83.8	41.4	124.2
51	35.6	18.1	54.4





#15

Acetone

Concen: 89.771 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tot Ion: 58 Resp: 34726

Ion Ratio Lower Upper

58 100

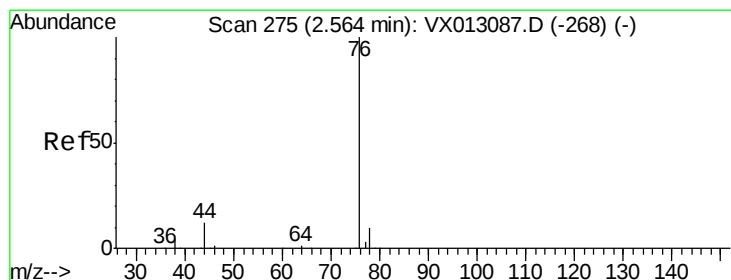
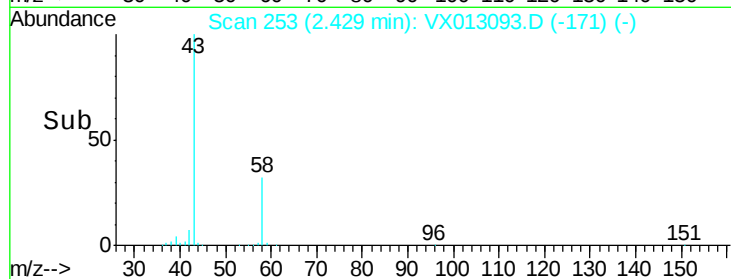
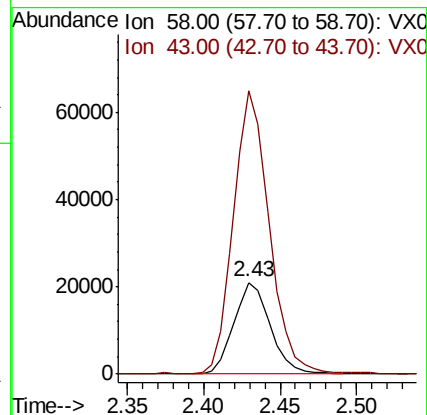
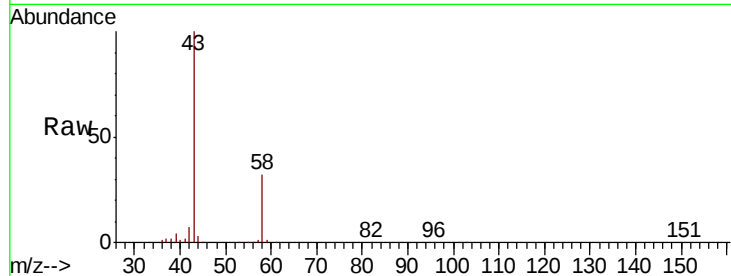
43 308.5 259.5 389.3

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.212 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013093.D

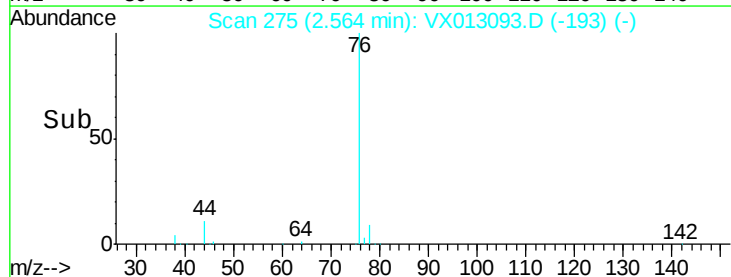
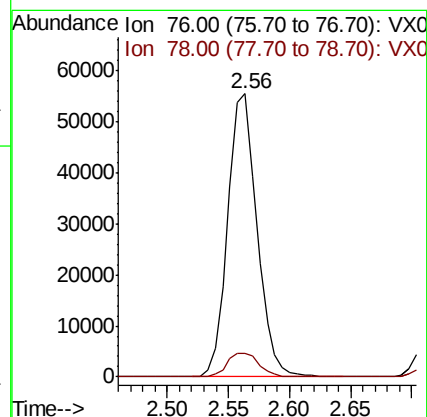
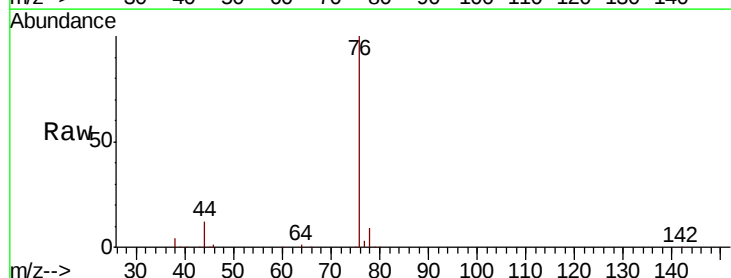
Acq: 16 Oct 2019 13:51

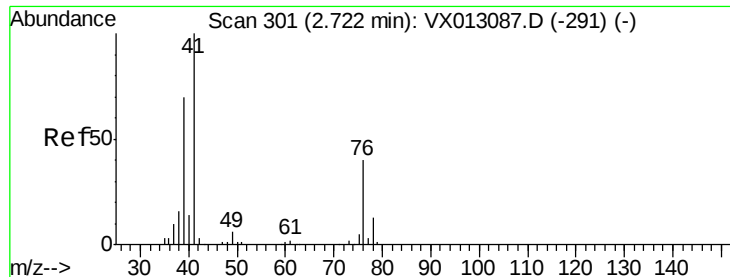
Tgt Ion: 76 Resp: 92197

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6





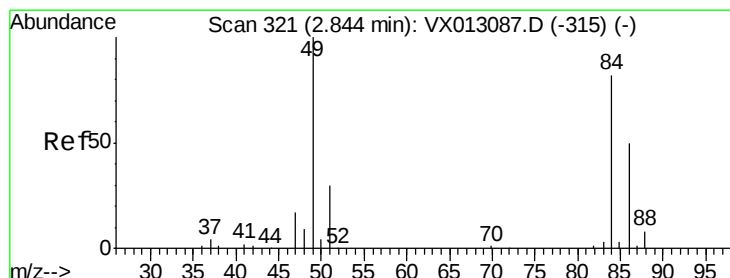
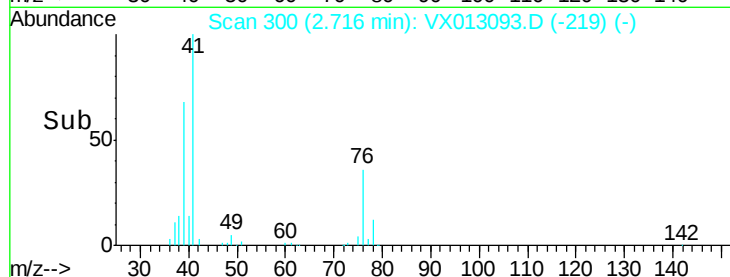
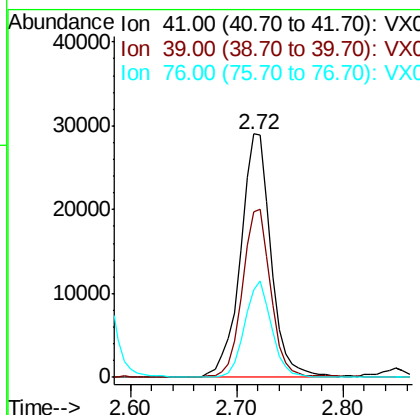
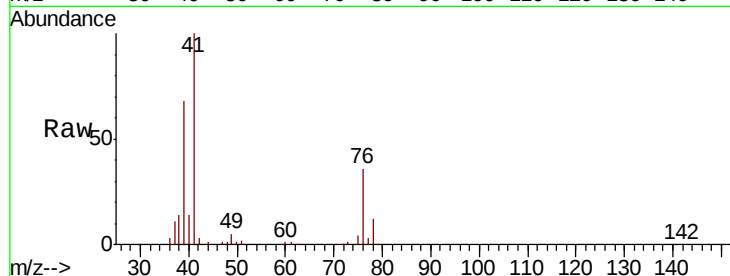
#17
Allvl chloride
Concen: 18.440 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.0	34.8	104.5
76	35.4	20.2	60.5

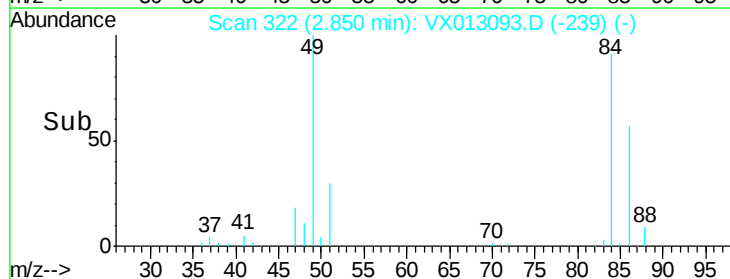
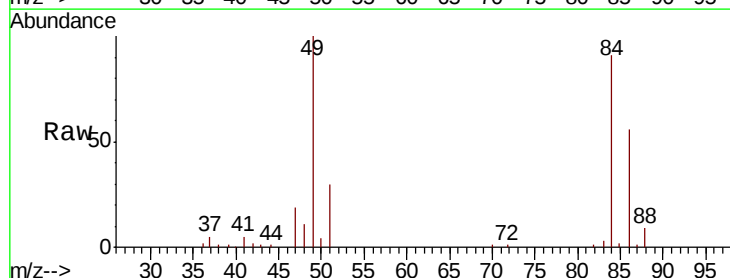
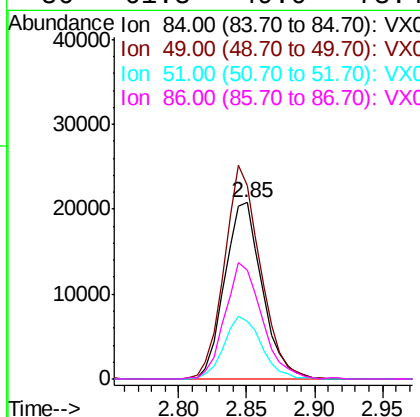
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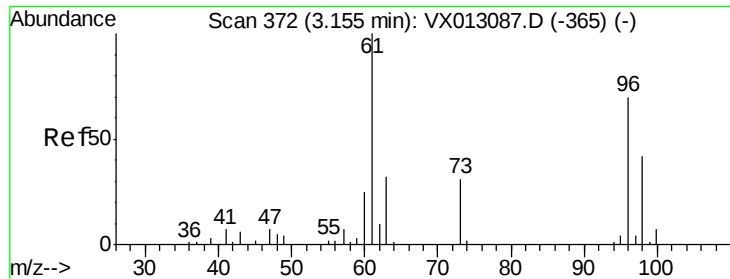
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#18
Methylene Chloride
Concen: 18.772 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.5	97.8	146.6
51	32.7	29.2	43.8
86	61.3	49.0	73.4





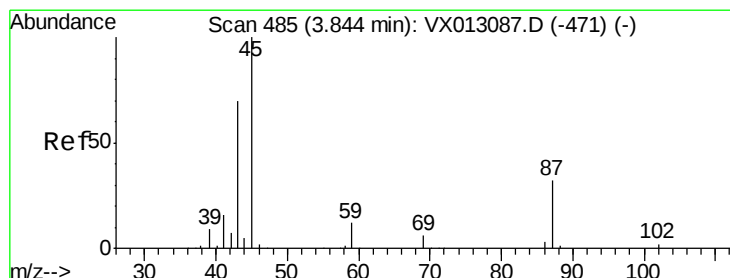
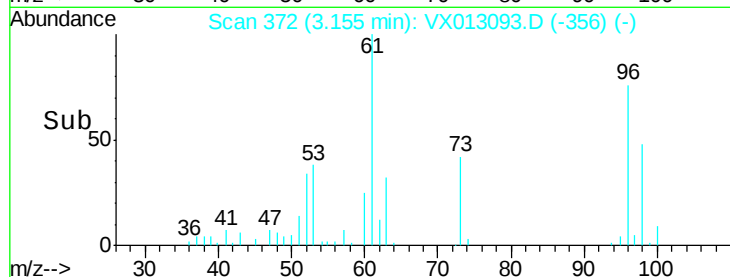
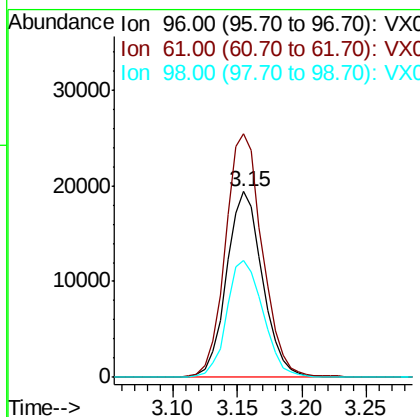
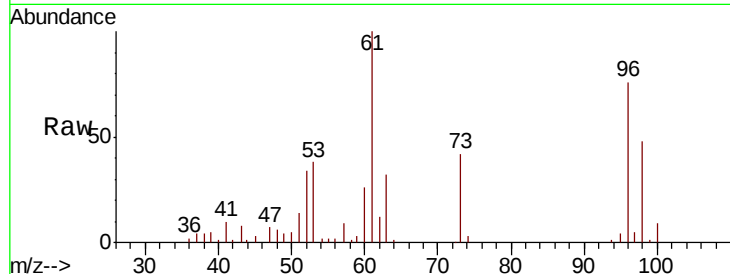
#19
trans-1,2-Dichloroethene
Concen: 18.852 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	130.6	113.9	170.9	
98	63.1	48.1	72.1	

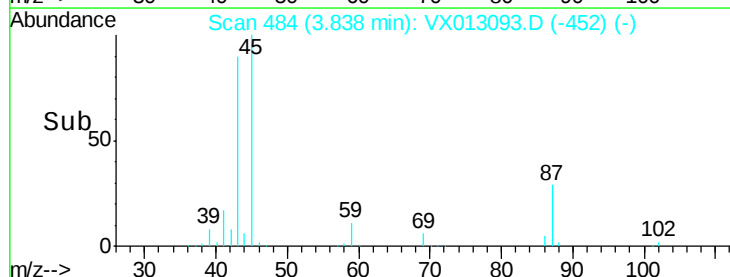
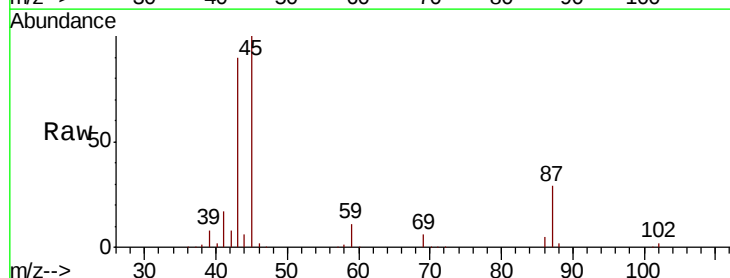
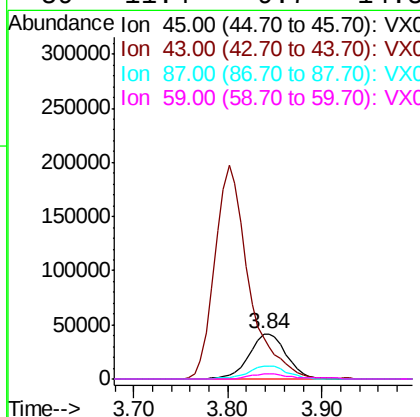
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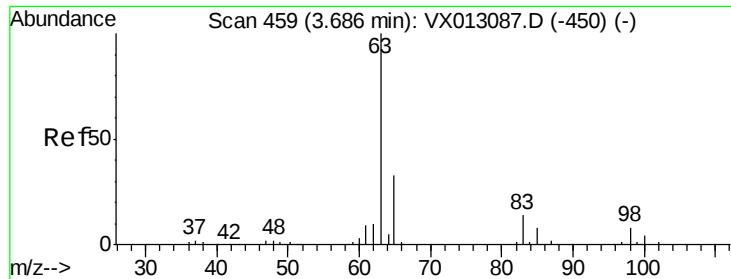
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#20
Diisopropyl ether
Concen: 19.143 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	88.2	57.5	86.3	#
87	29.0	25.3	37.9	
59	11.4	9.7	14.5	





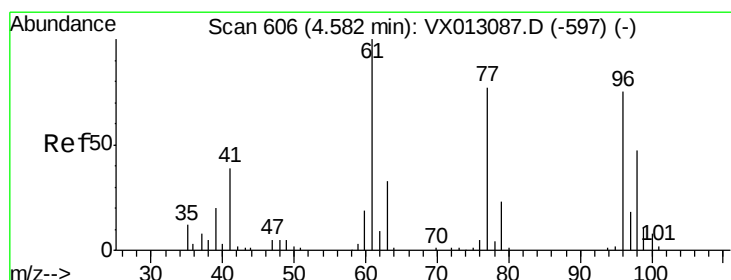
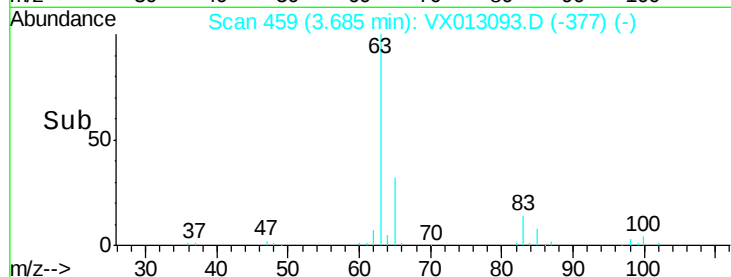
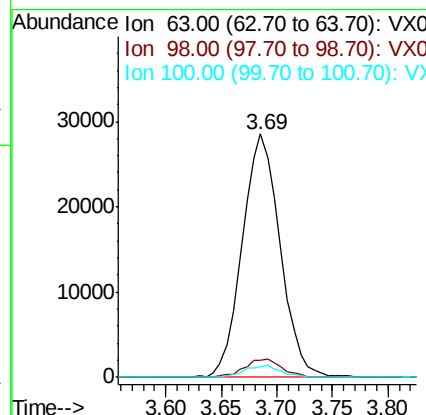
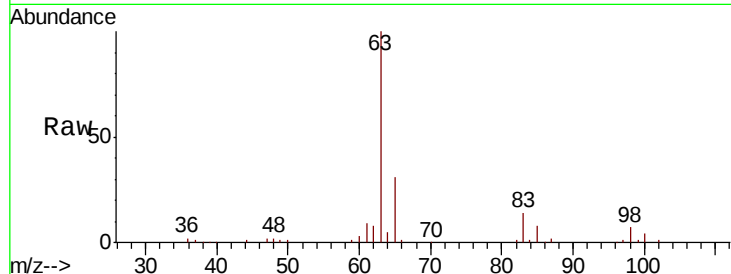
#21
1,1-Dichloroethane
Concen: 19.185 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.4
100	4.5	2.1	6.5

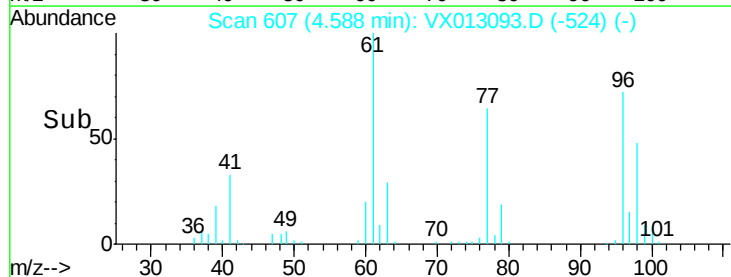
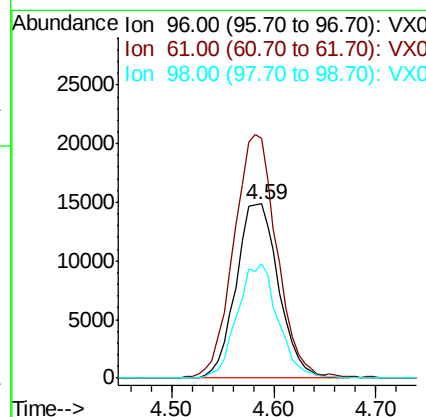
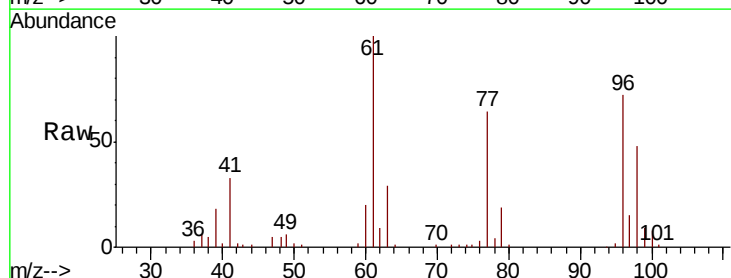
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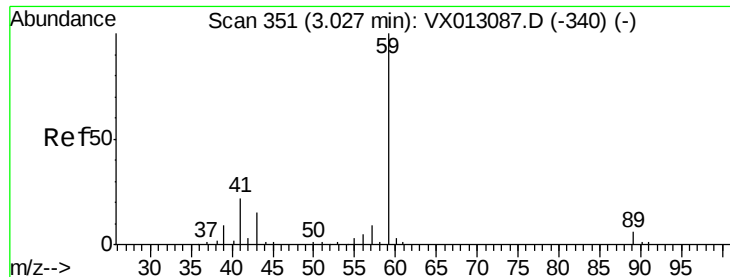
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#22
cis-1,2-Dichloroethene
Concen: 18.678 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.8	115.0	172.4
98	62.8	51.5	77.3





#23

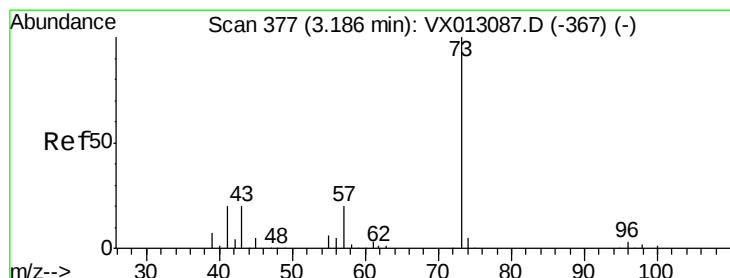
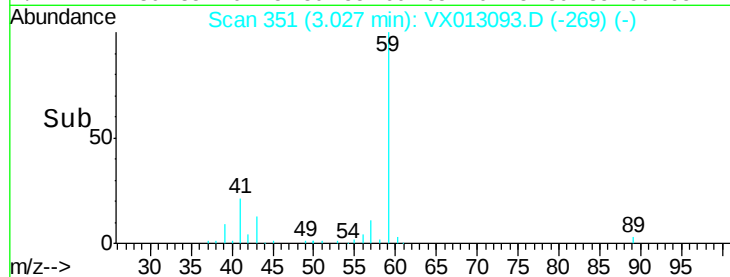
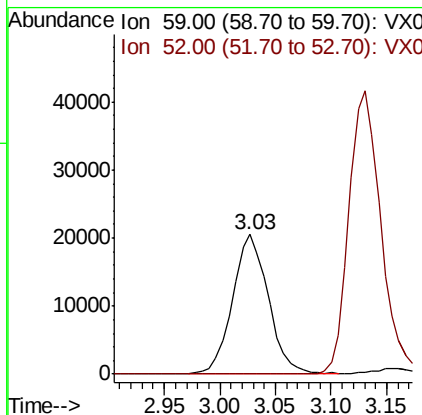
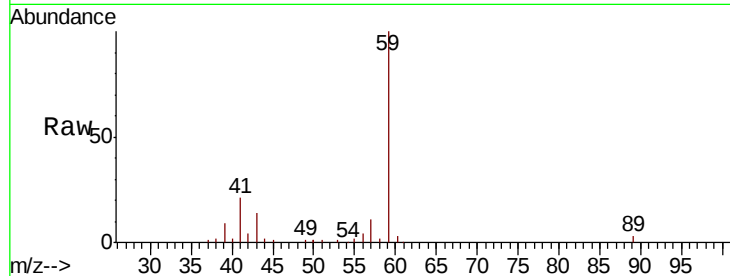
tert-Butyl Alcohol
 Concen: 83.196 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion: 59 Resp: 45930
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.1 0.1#

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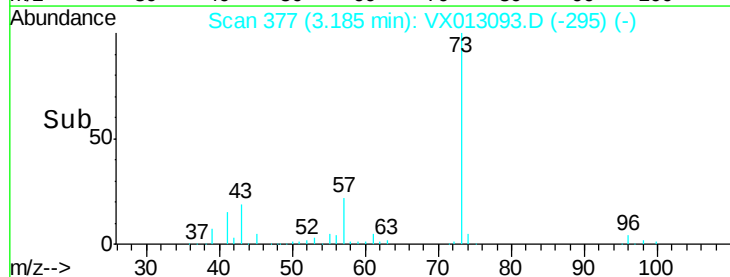
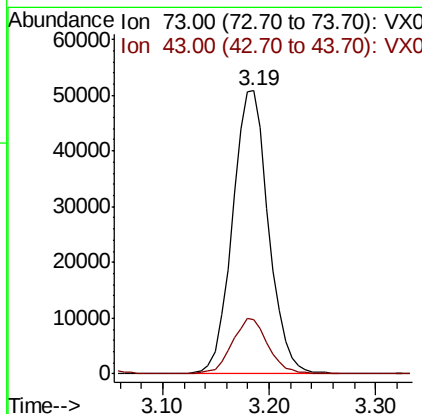
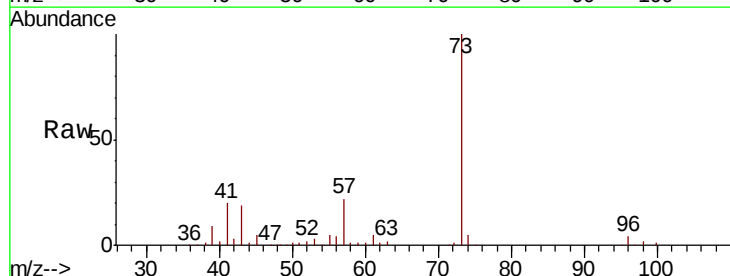
MMDadoda
 10/18/2019 4:52:10 PM

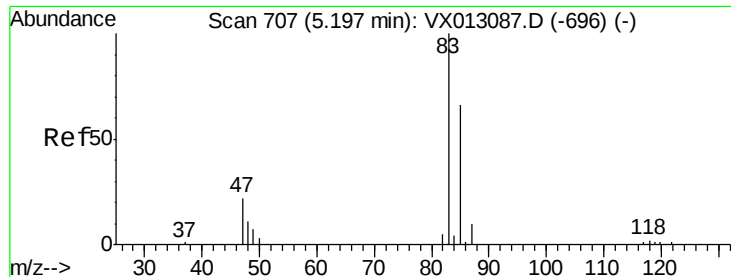


#24

Methyl tert-Butyl Ether
 Concen: 18.856 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 73 Resp: 120311
 Ion Ratio Lower Upper
 73 100
 43 19.7 15.8 23.8





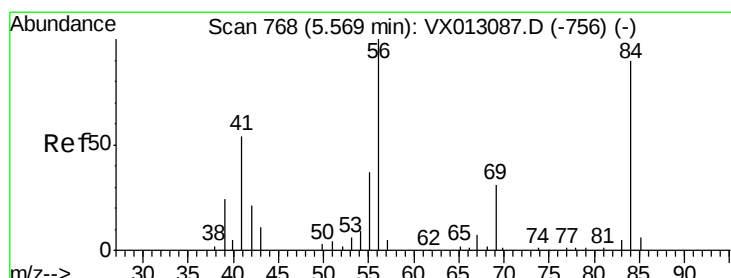
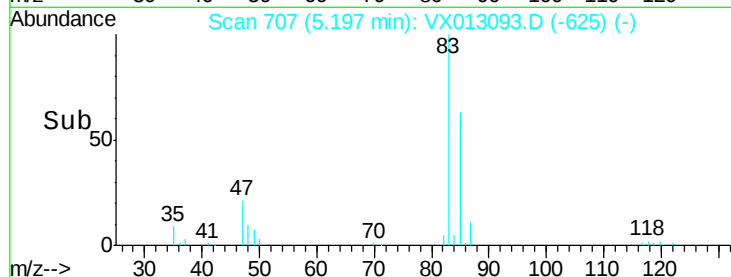
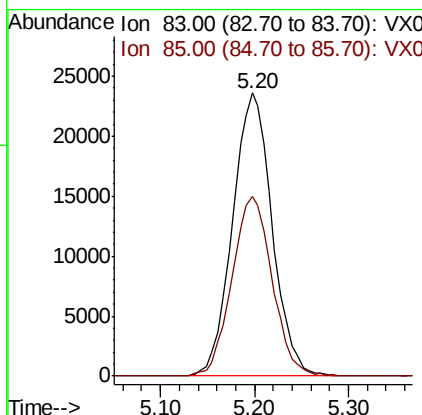
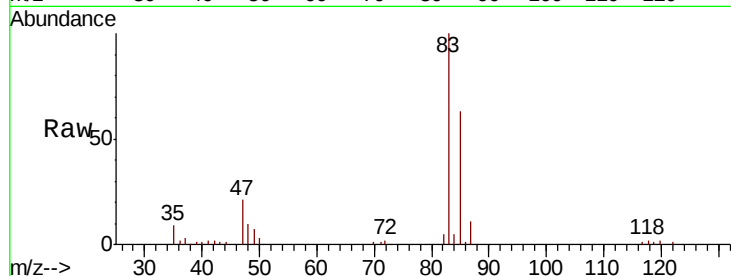
#25
Chloroform
Concen: 18.995 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	83	85	Ratio	Lower	Upper
Resp:	69036				
Ion	100	63.4			
				53.0	79.6

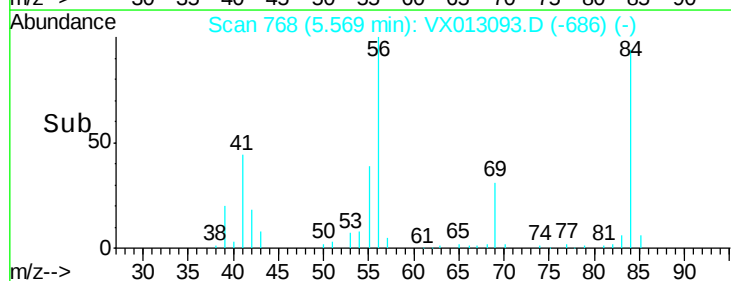
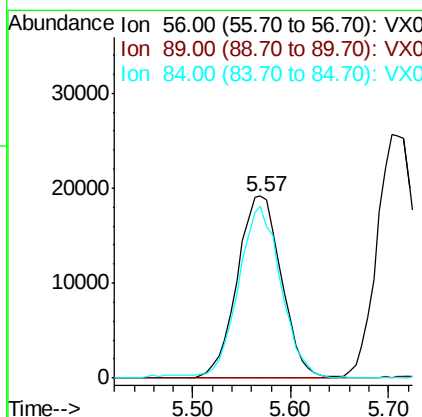
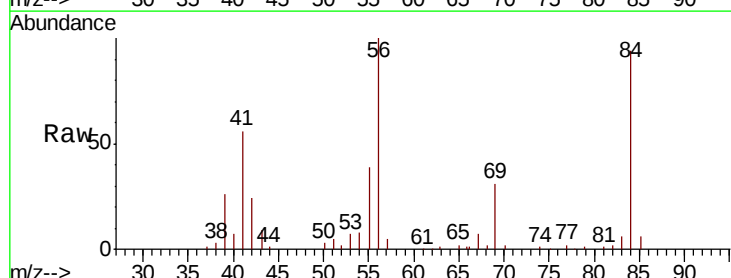
Manual Integrations
APPROVED

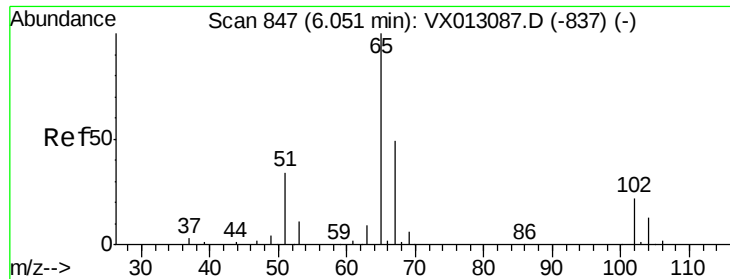
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#26
Cyclohexane
Concen: 18.854 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	56	89	84	Ratio	Lower	Upper
Resp:	60218					
Ion	100	0.0	90.6			
					0.0	106.9





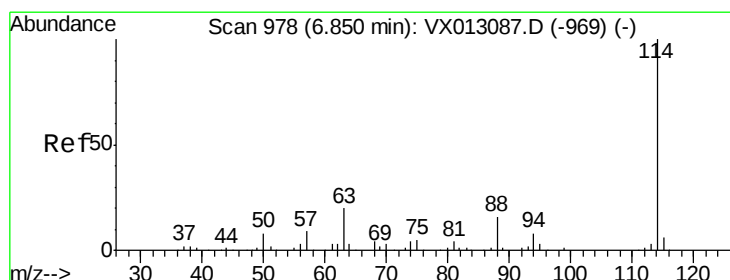
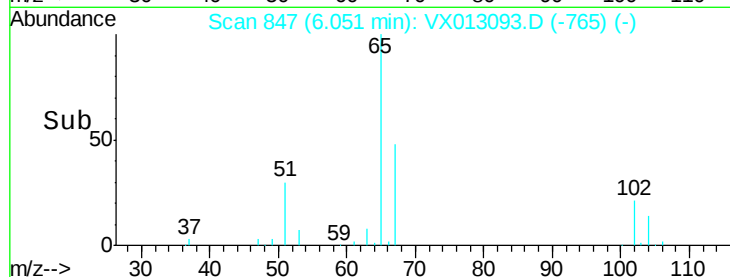
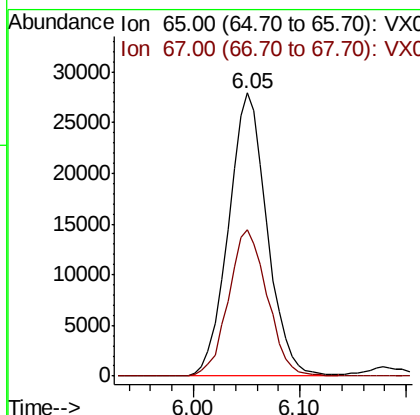
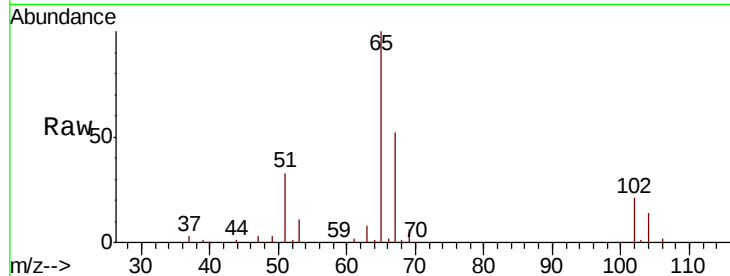
#27
 1,2-Dichloroethane-d4
 Concen: 29.639 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion: 65 Resp: 70738
 Ion Ratio Lower Upper
 65 100
 67 52.1 41.2 61.8

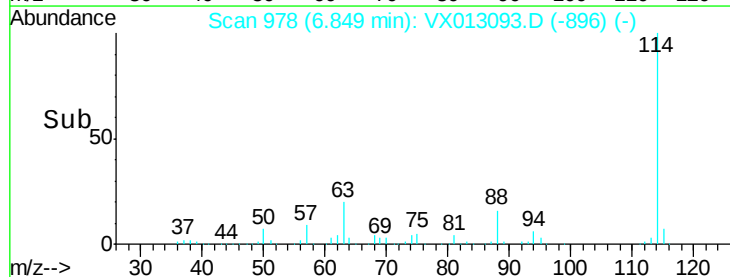
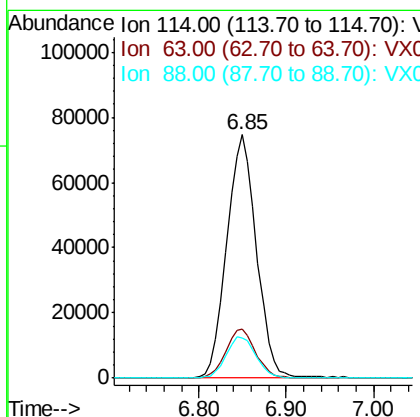
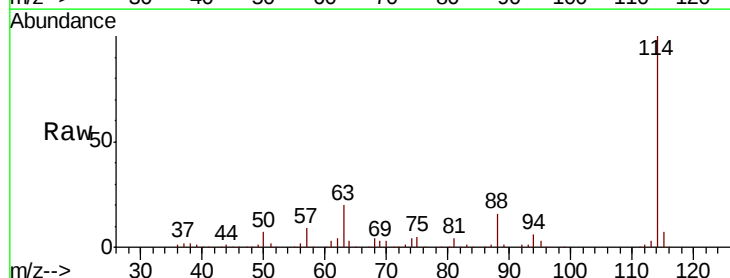
Manual Integrations
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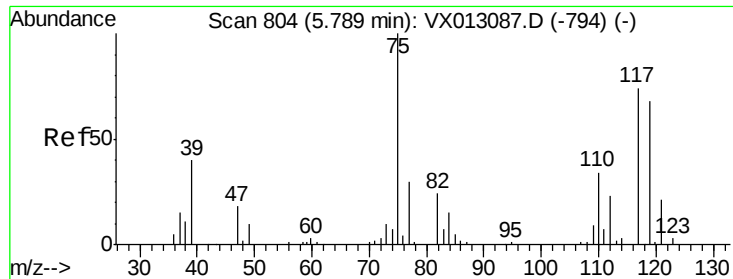
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 114 Resp: 175853
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.5 24.7
 88 17.2 13.6 20.4





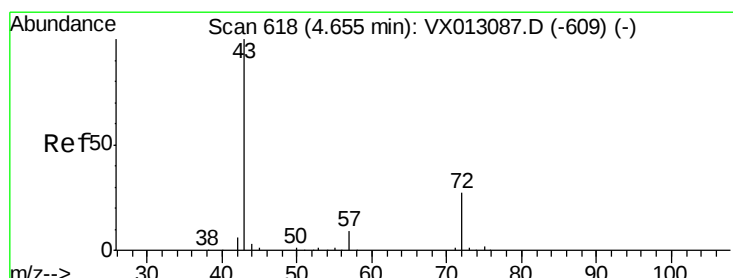
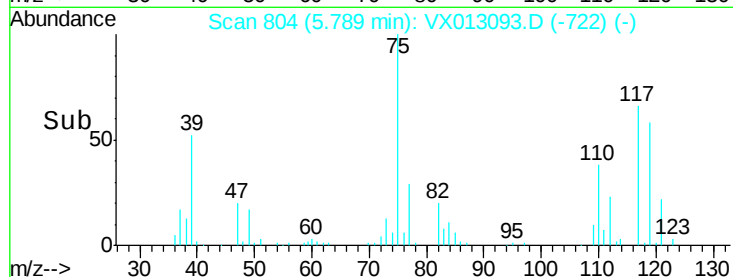
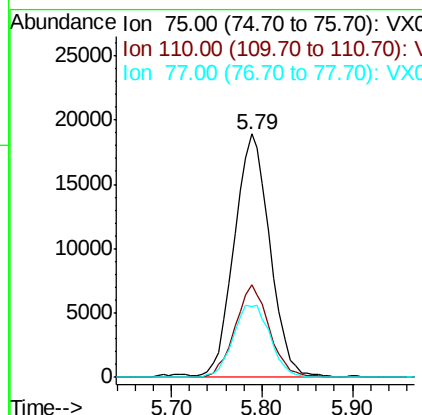
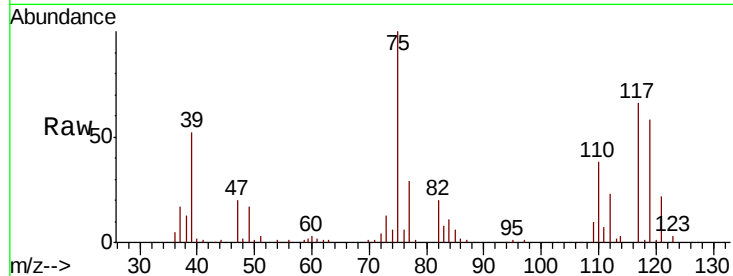
#29
 1,1-Dichloropropene
 Concen: 19.227 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	72.2
77	30.8	0.0	62.8

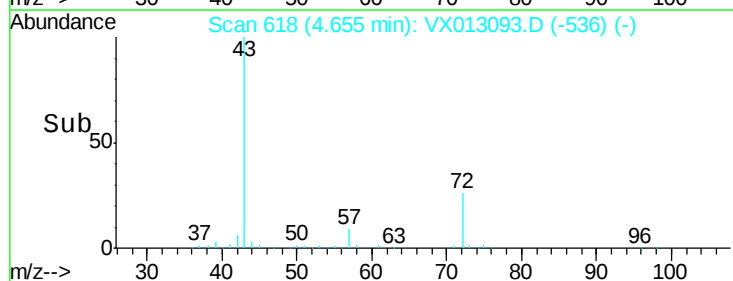
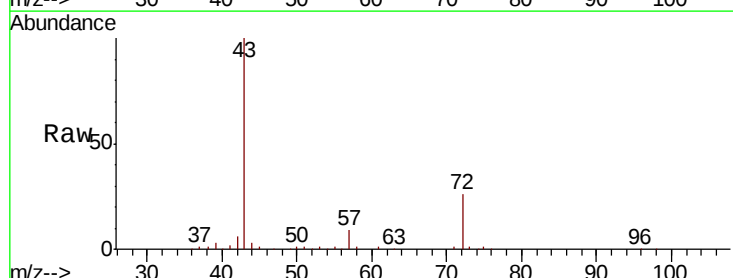
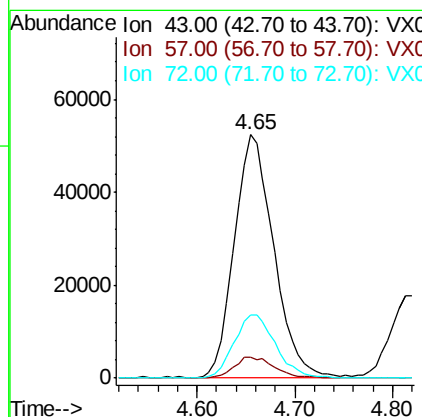
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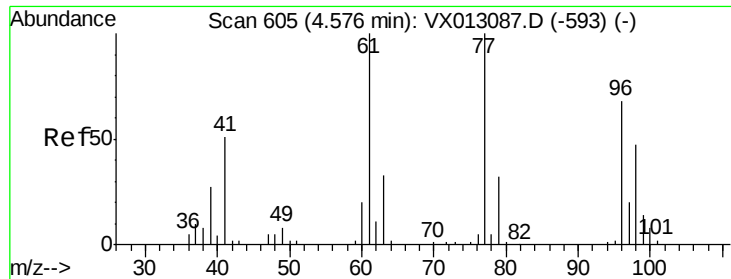
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#30
 2-Butanone
 Concen: 92.078 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.9	10.3
72	27.5	22.1	33.1





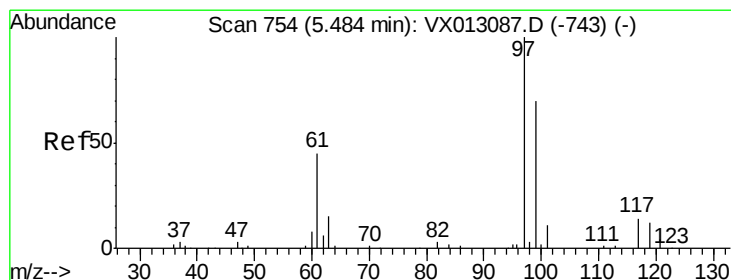
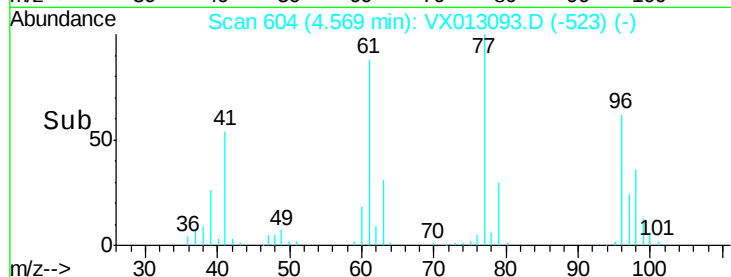
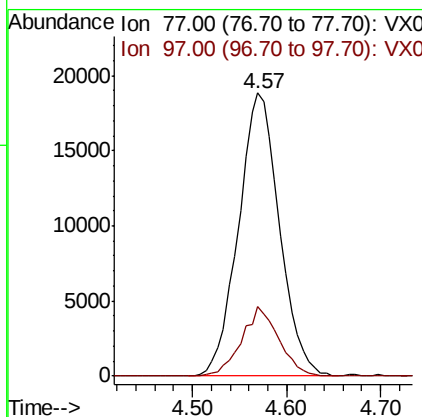
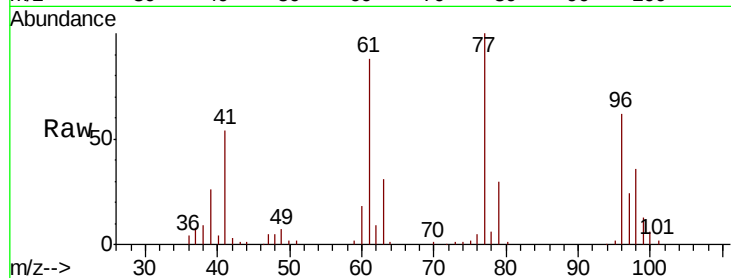
#31
 2,2-Dichloropropane
 Concen: 18.893 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion: 77 Resp: 57329
 Ion Ratio Lower Upper
 77 100
 97 22.2 17.8 26.6

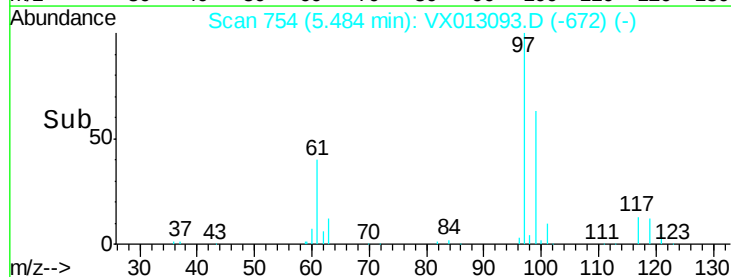
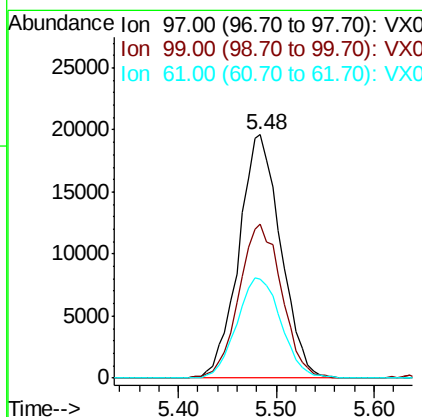
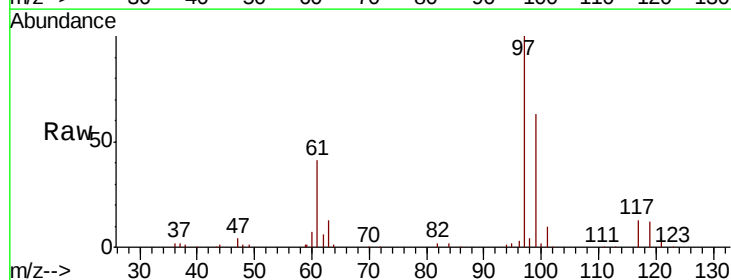
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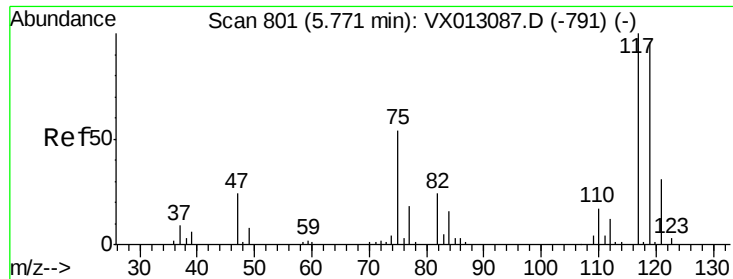
MMDadoda
 10/18/2019 4:52:10 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.584 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 97 Resp: 58315
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.4 78.6
 61 43.4 35.1 52.7





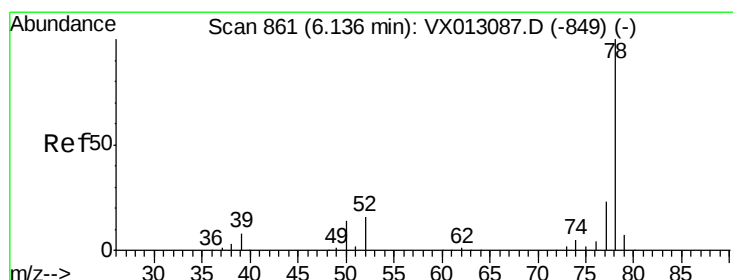
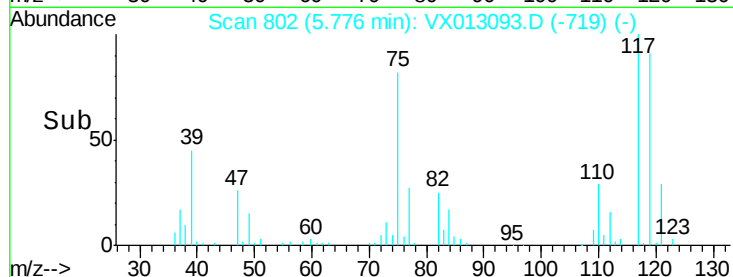
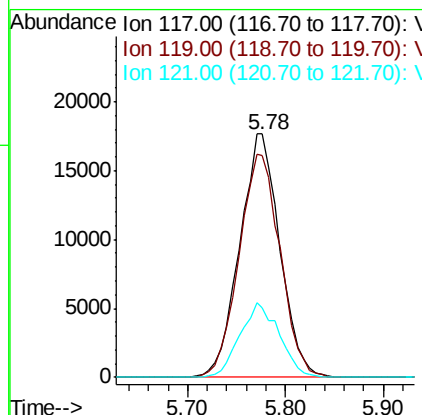
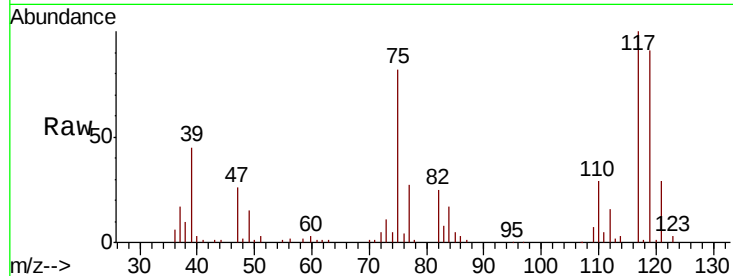
#33
Carbon Tetrachloride
Concen: 18.686 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion:117 Resp: 50306
Ion Ratio Lower Upper
117 100
119 91.3 77.0 115.4
121 28.8 24.6 36.8

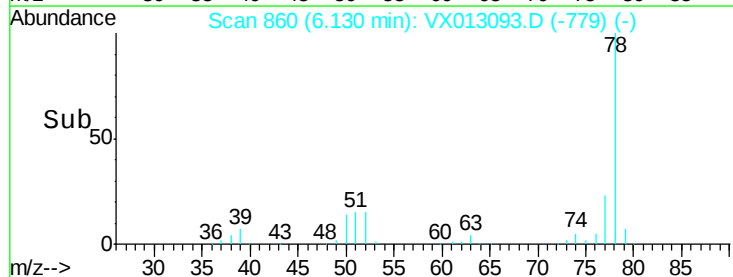
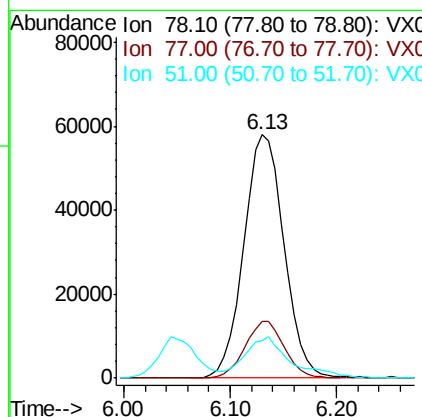
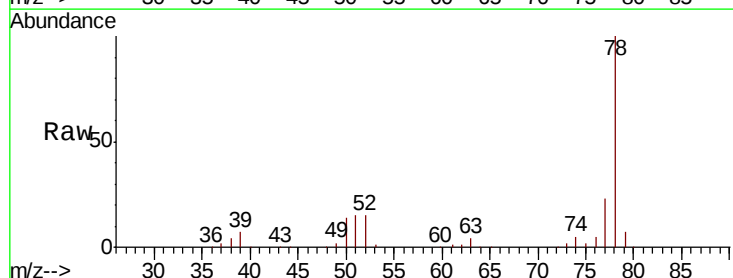
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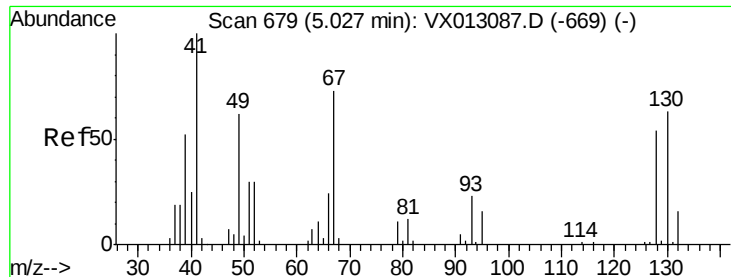
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#34
Benzene
Concen: 19.314 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 78 Resp: 153801
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
51 13.9 12.1 18.1





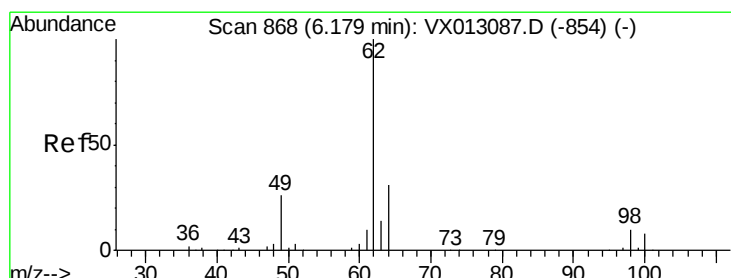
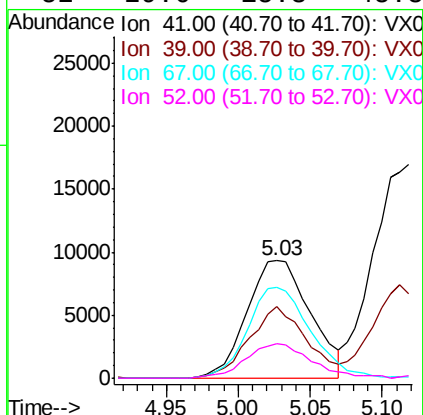
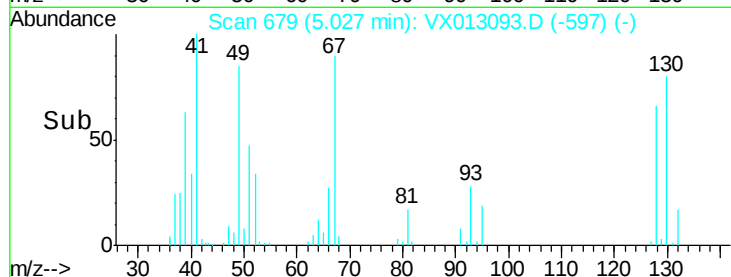
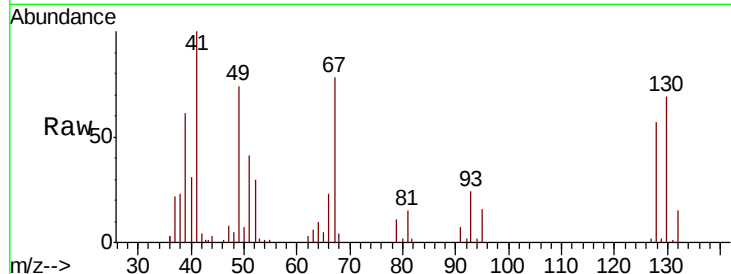
#35
Methacrylonitrile
Concen: 18.426 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion:	41	Resp:	28548
Ion Ratio	Lower	Upper	
41	100		
39	61.0	26.3	78.8
67	77.6	36.5	109.5
52	29.6	15.3	45.8

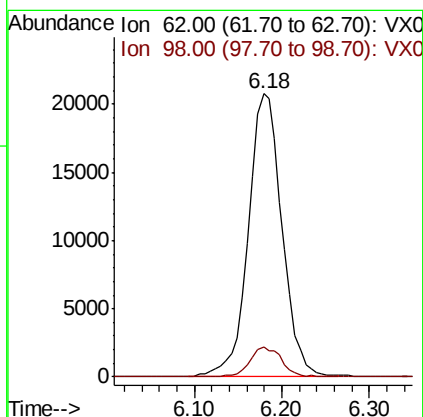
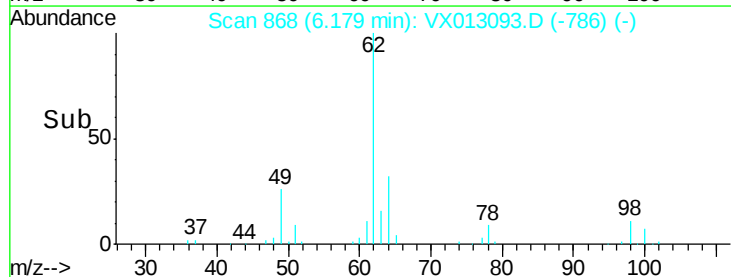
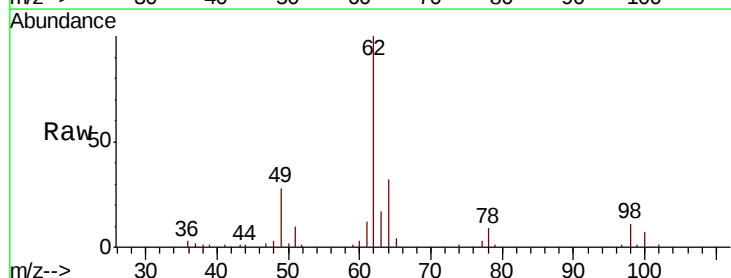
Manual Integrations
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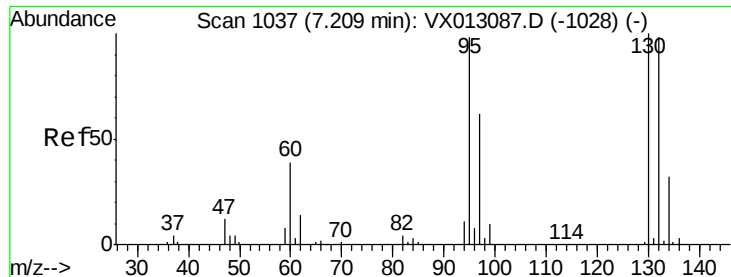
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#36
1,2-Dichloroethane
Concen: 19.277 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion:	62	Resp:	55502
Ion Ratio	Lower	Upper	
62	100		
98	9.9	7.8	11.6





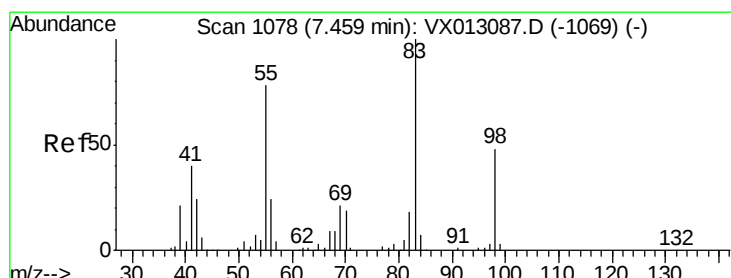
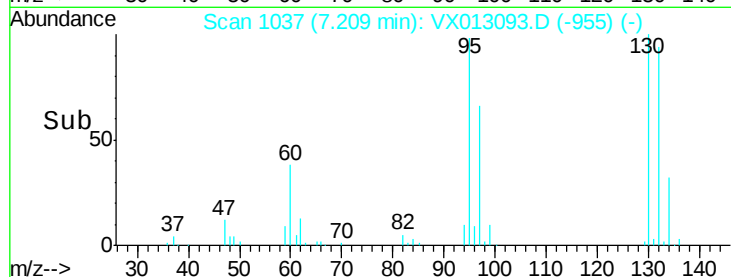
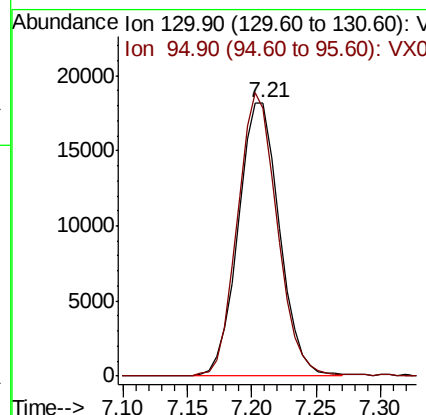
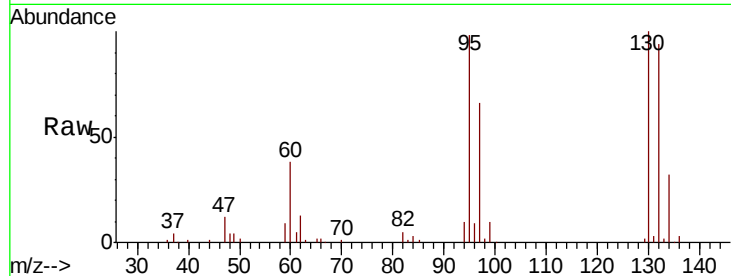
#37
 Trichloroethene
 Concen: 18.997 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion:130 Resp: 40414
 Ion Ratio Lower Upper
 130 100
 95 98.0 78.4 117.6

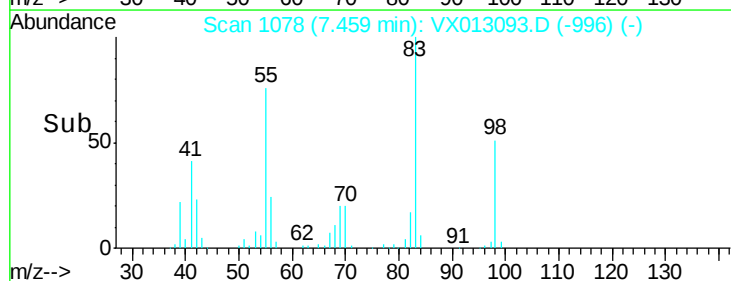
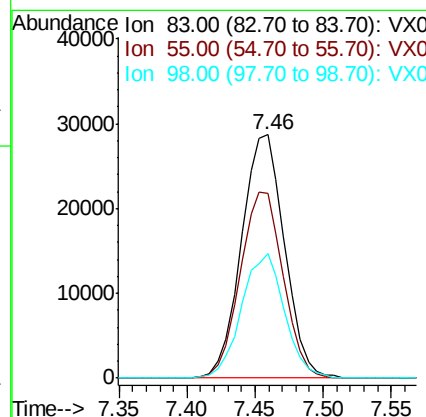
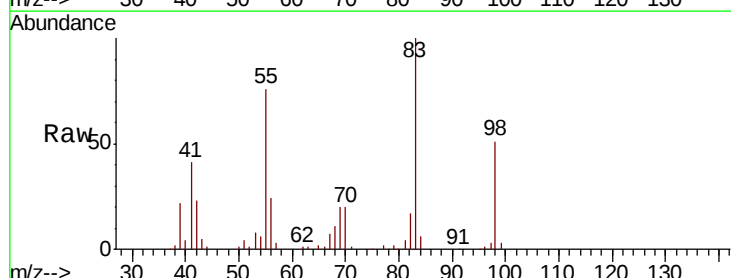
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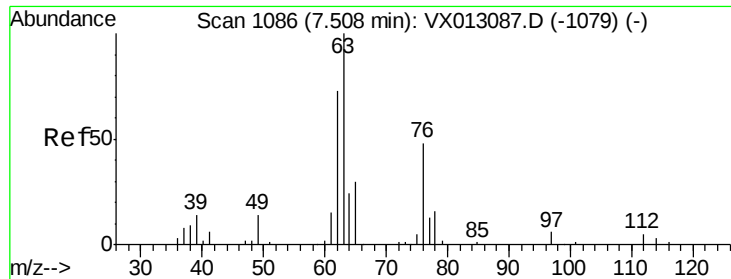
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#38
 Methylcyclohexane
 Concen: 19.377 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 83 Resp: 63614
 Ion Ratio Lower Upper
 83 100
 55 76.3 38.3 114.8
 98 51.2 24.9 74.7





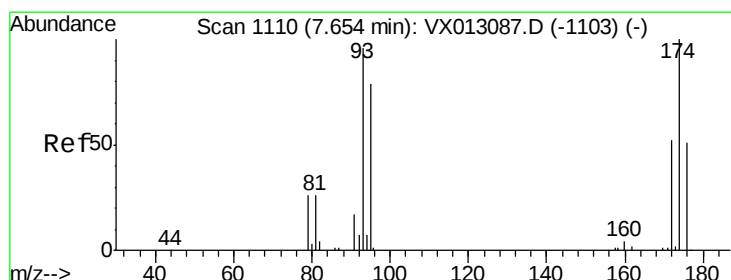
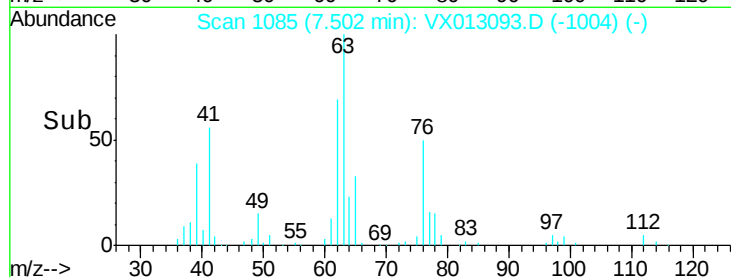
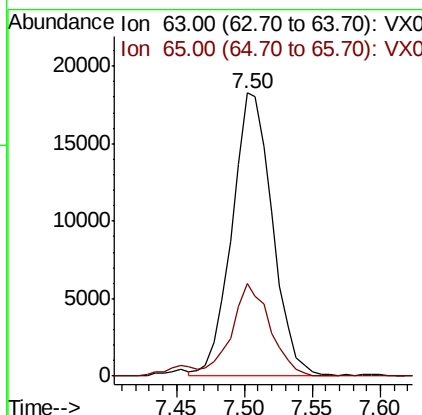
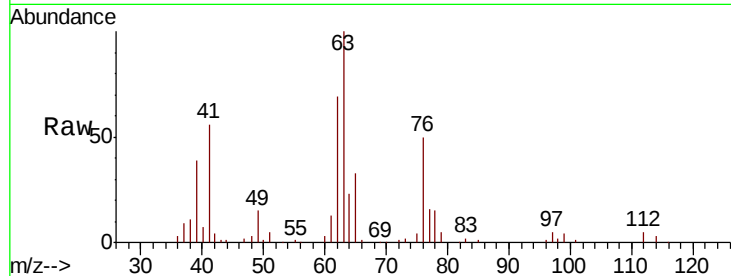
#39
 1,2-Dichloropropane
 Concen: 18.947 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion: 63 Resp: 37890
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.6 38.4

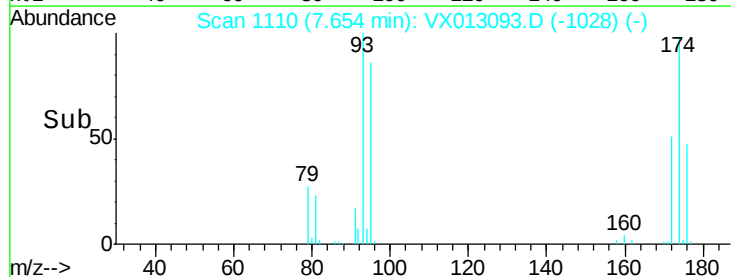
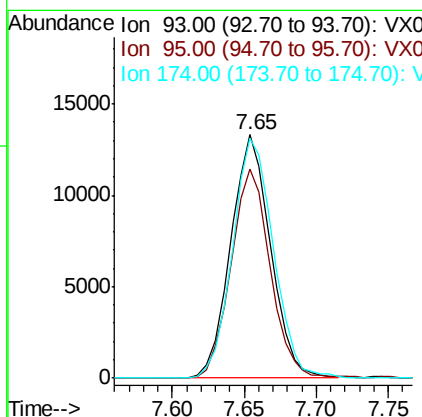
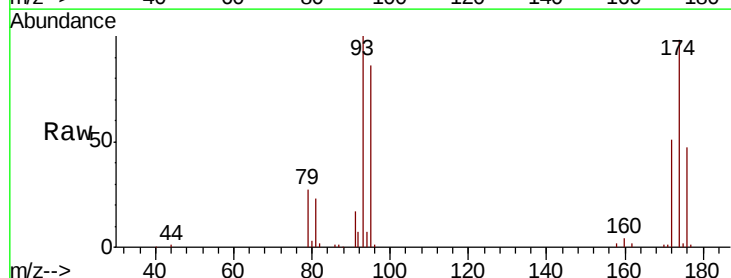
Manual Integrations
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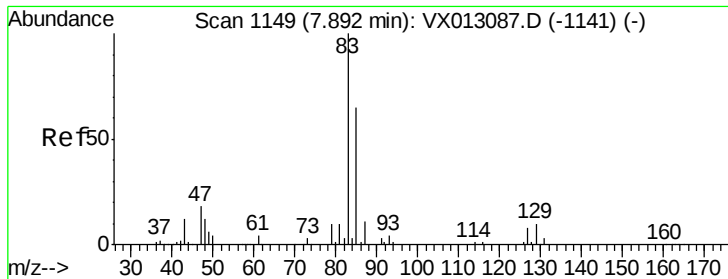
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#40
 Dibromomethane
 Concen: 18.847 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion: 93 Resp: 25596
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 171.2
 174 100.9 0.0 208.2





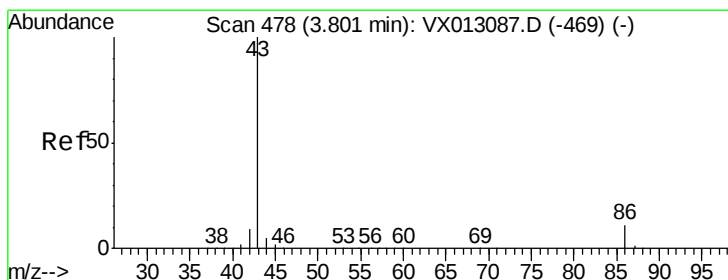
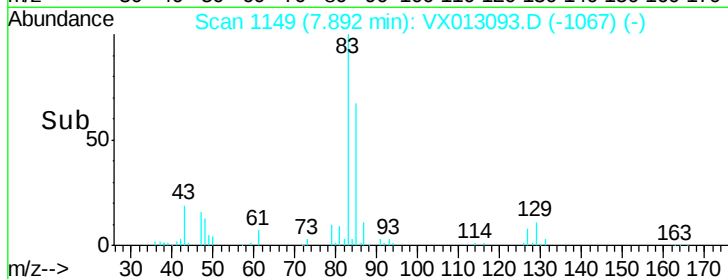
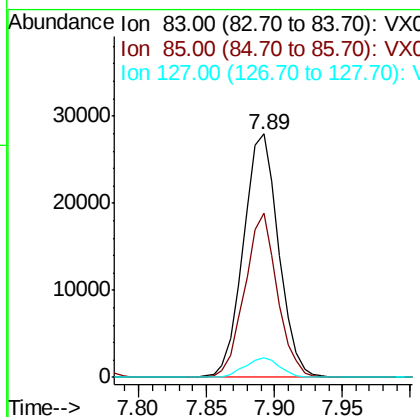
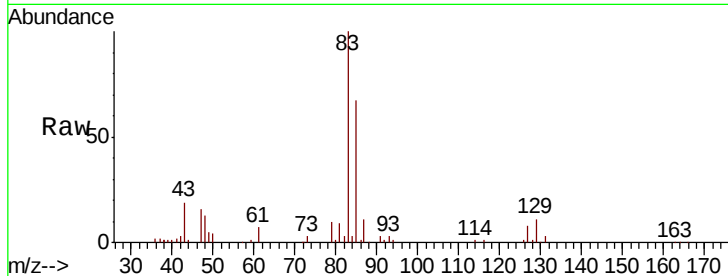
#41
Bromodichloromethane
Concen: 18.788 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	83	Resp	50663
Ion Ratio	100	Lower	Upper
83	100		
85	67.5	51.8	77.8
127	8.3	6.7	10.1

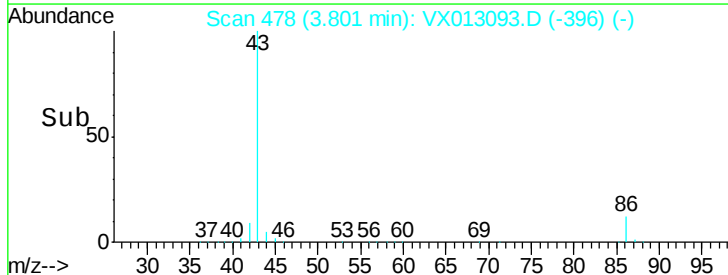
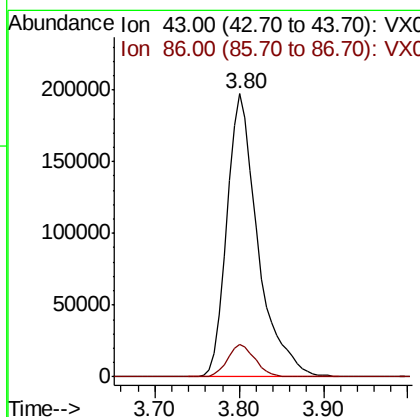
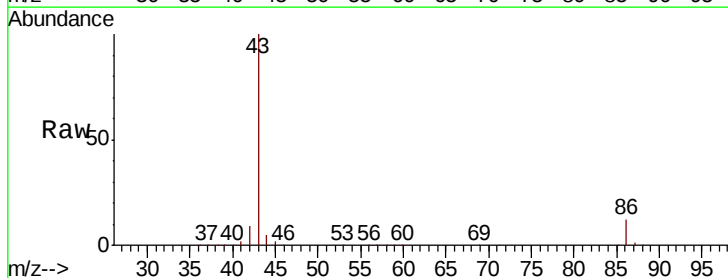
Manual Integrations
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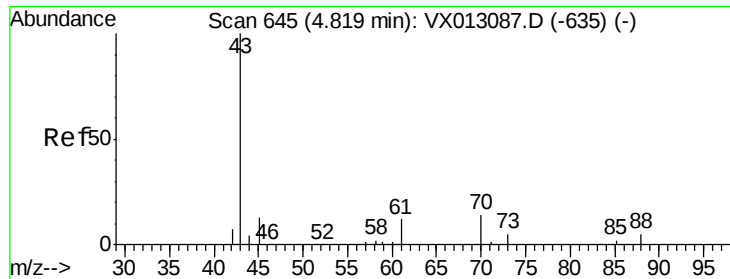
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#42
Vinyl Acetate
Concen: 95.783 ug/l
RT: 3.80 min Scan# 478
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	43	Resp	495581
Ion Ratio	100	Lower	Upper
43	100		
86	10.4	8.2	12.2





#43

Ethyl Acetate

Concen: 19.083 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tot Ion: 43 Resp: 54261

Ion Ratio Lower Upper

43 100

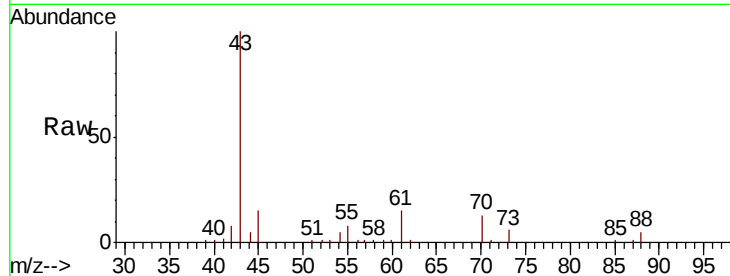
45 15.2 12.8 19.2

Manual Integrations

APPROVED

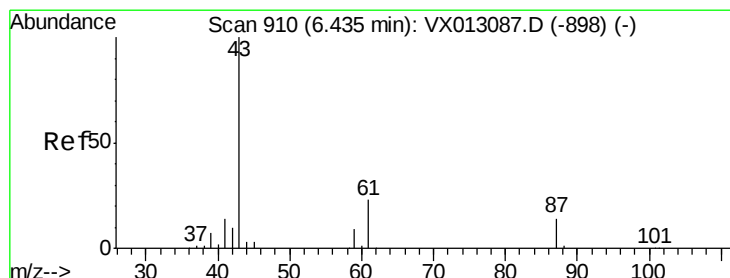
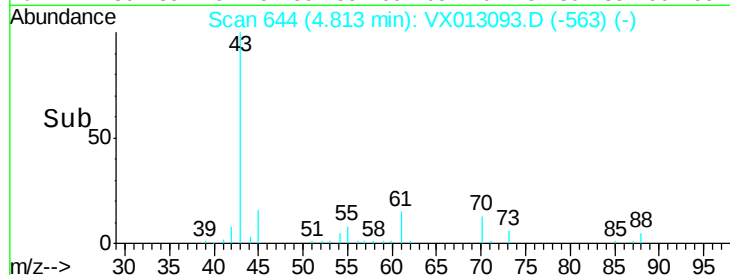
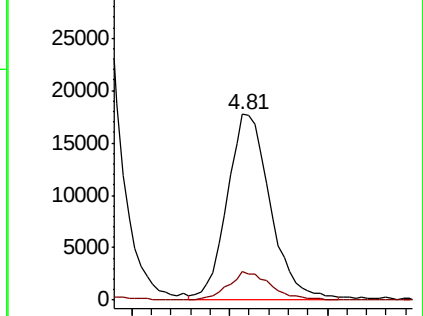
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.667 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013093.D

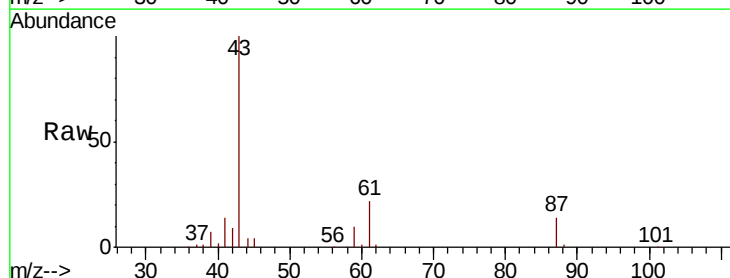
Acq: 16 Oct 2019 13:51

Tgt Ion: 43 Resp: 85596

Ion Ratio Lower Upper

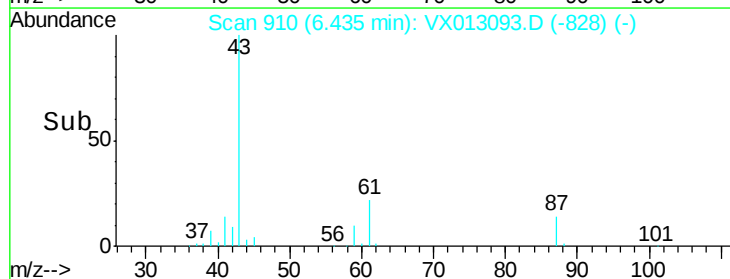
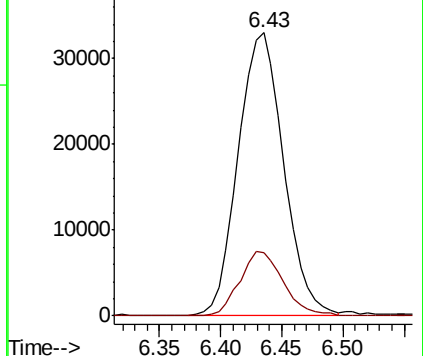
43 100

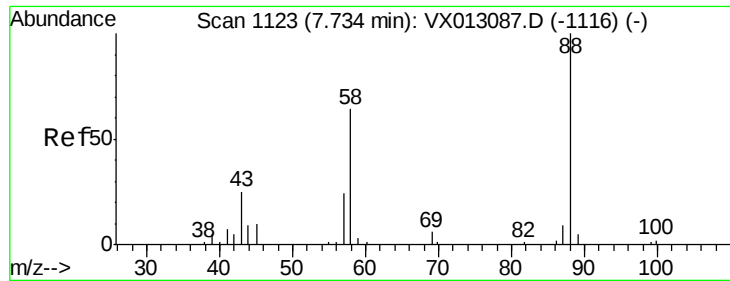
61 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





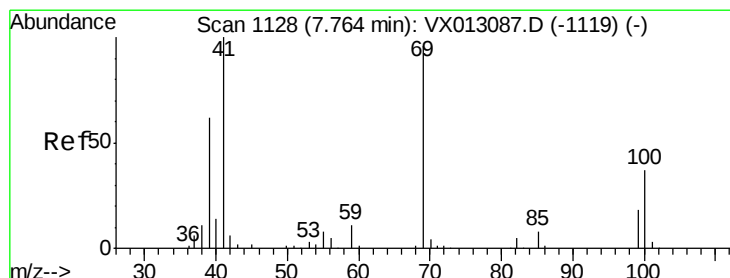
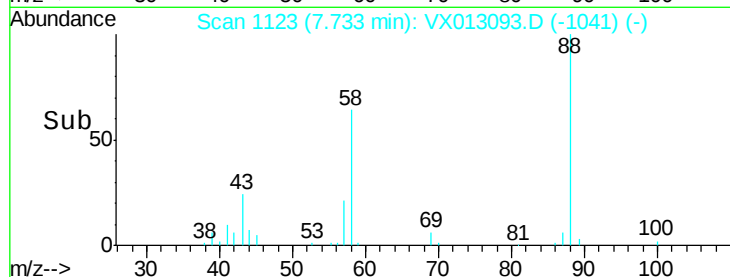
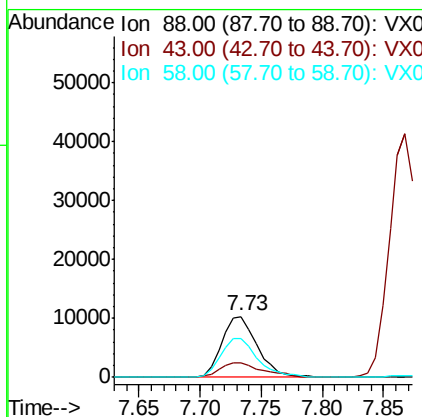
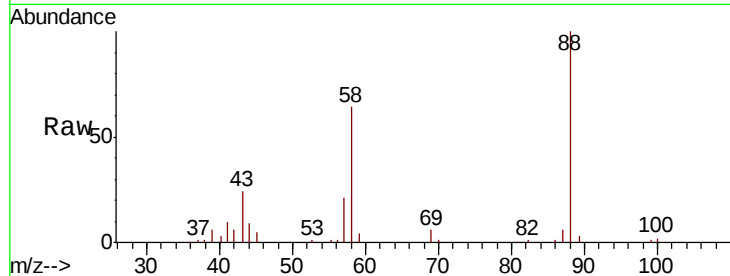
#45
 1,4-Dioxane
 Concen: 365.631 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	26.0	39.0
58	67.5	53.0	79.4

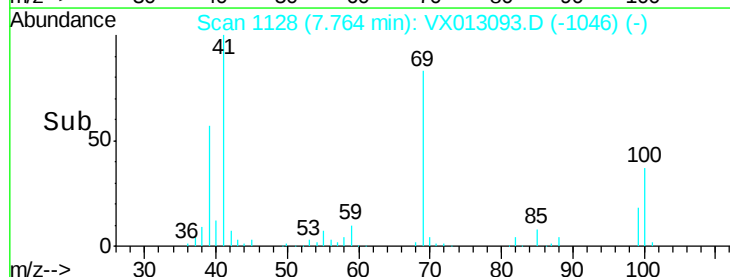
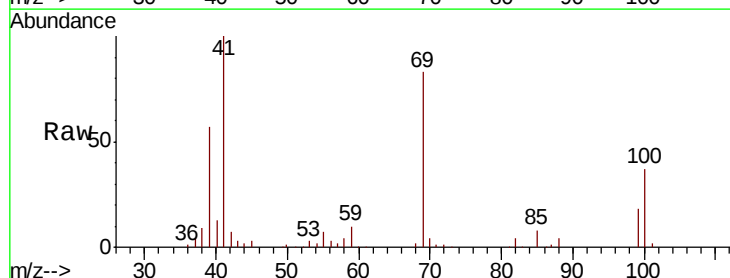
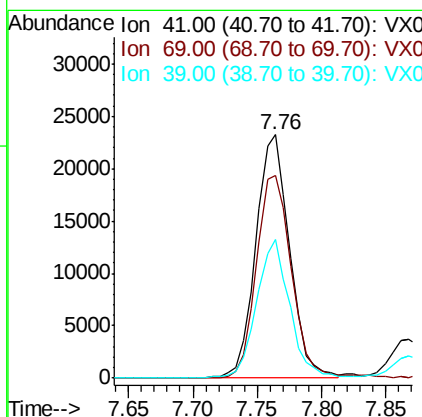
Manual Integrations
 APPROVED

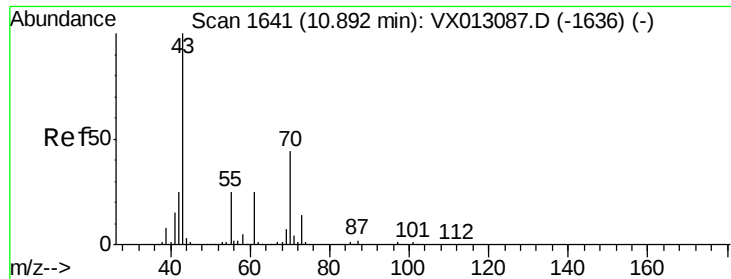
MMDadoda
 10/18/2019 4:52:10 PM



#46
 Methyl methacrylate
 Concen: 18.802 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.2	48.1	144.3
39	57.0	31.2	93.6





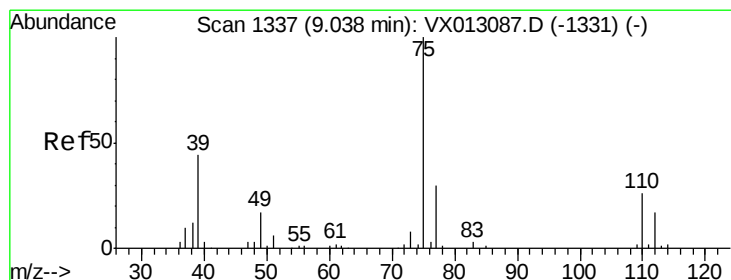
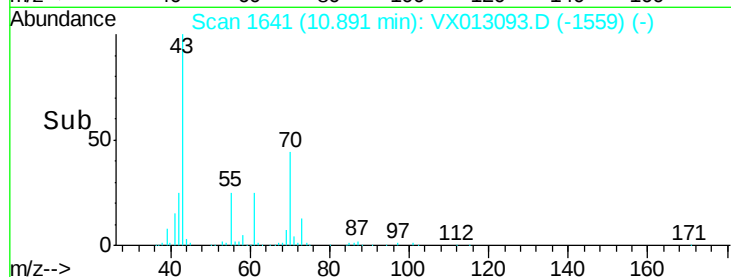
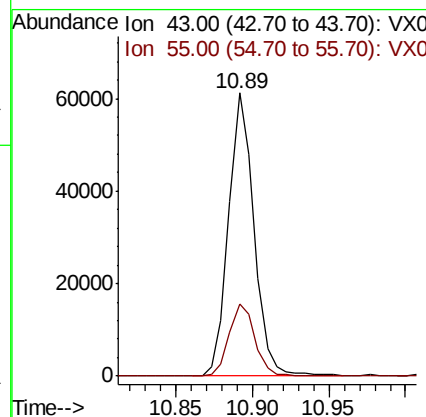
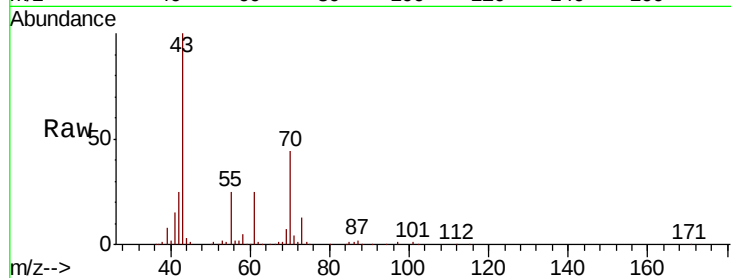
#47
n-amvl Acetate
Concen: 18.137 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion: 43 Resp: 70808
Ion Ratio Lower Upper
43 100
55 26.2 20.6 31.0

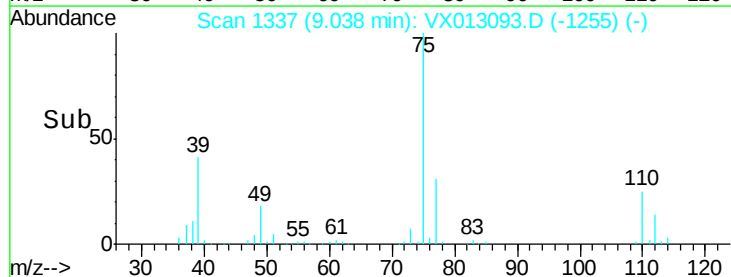
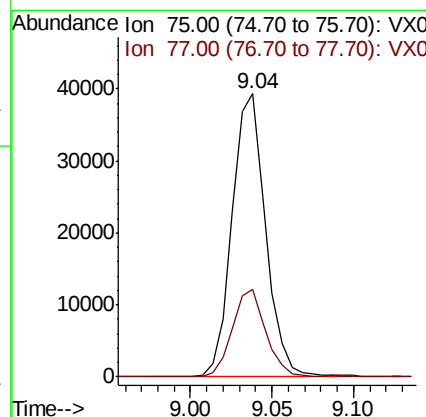
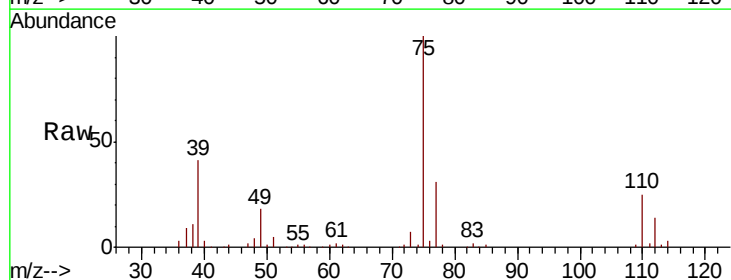
Manual Integrations
APPROVED

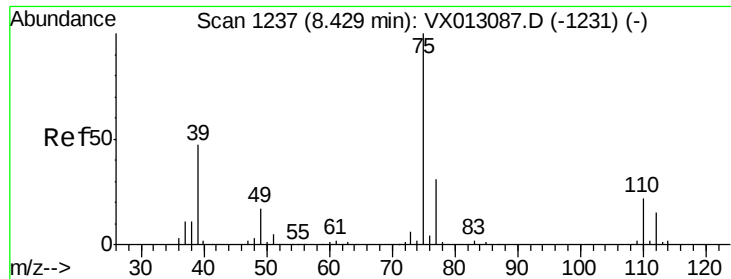
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.682 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 75 Resp: 55753
Ion Ratio Lower Upper
75 100
77 30.8 23.7 35.5





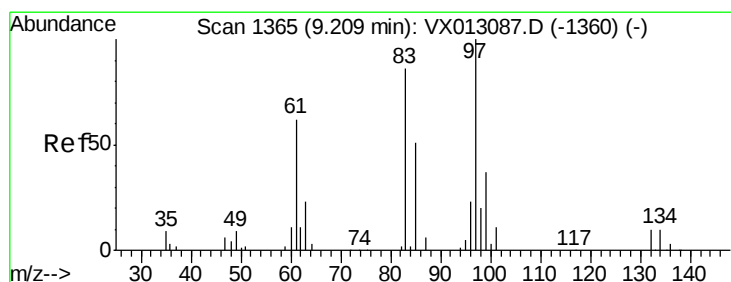
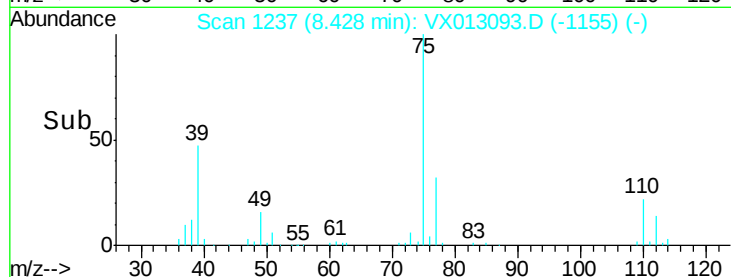
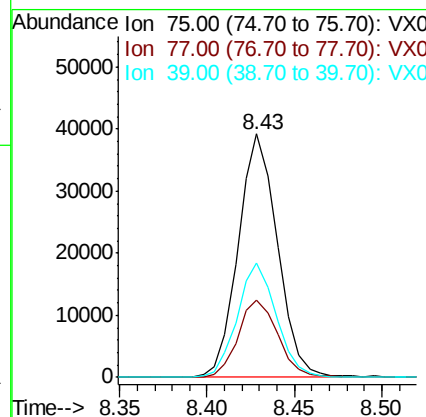
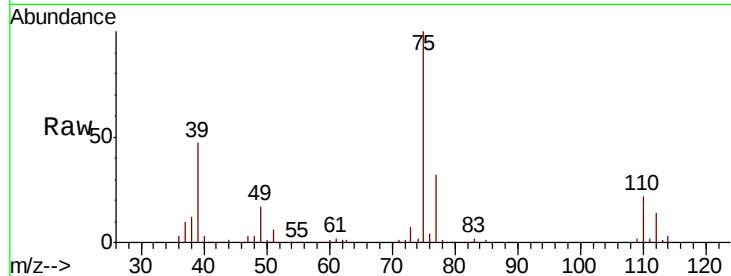
#49
 cis-1,3-Dichloropropene
 Concen: 18.661 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	47.1	37.4	56.0

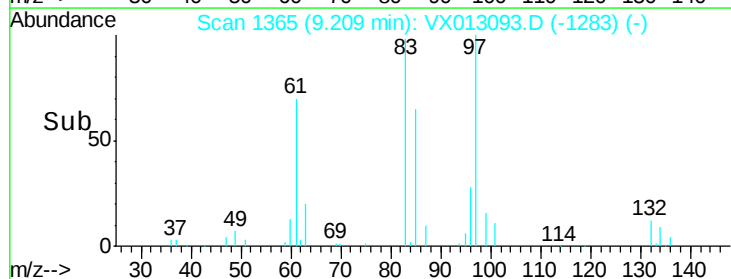
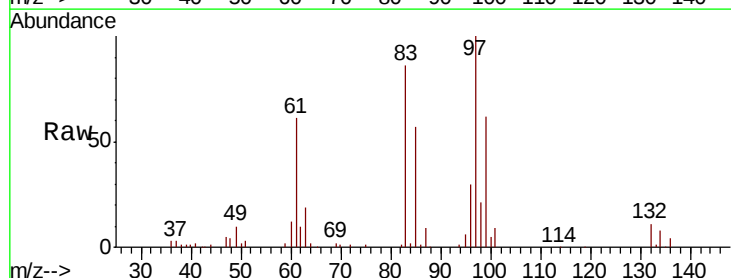
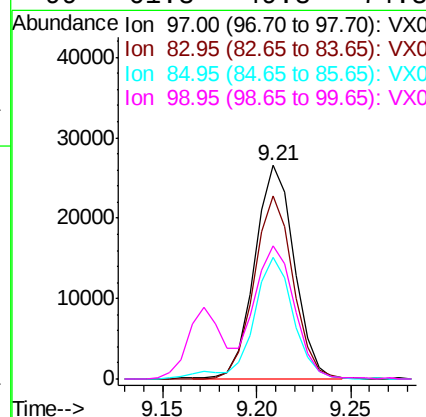
Manual Integrations
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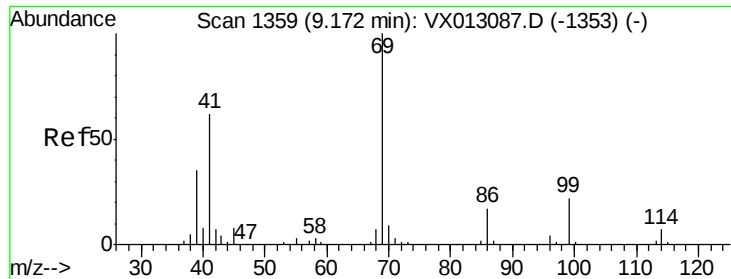
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 18.917 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.1	102.1
85	56.9	42.6	64.0
99	61.8	49.8	74.8





#51

Ethyl methacrylate

Concen: 18.283 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

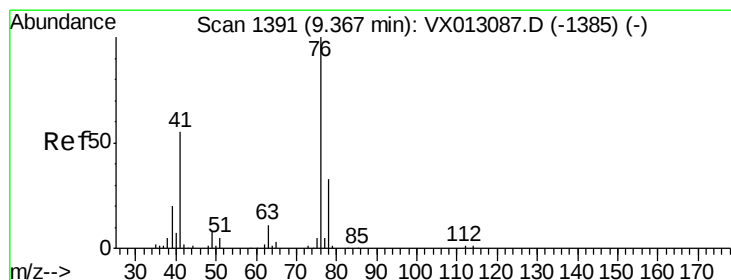
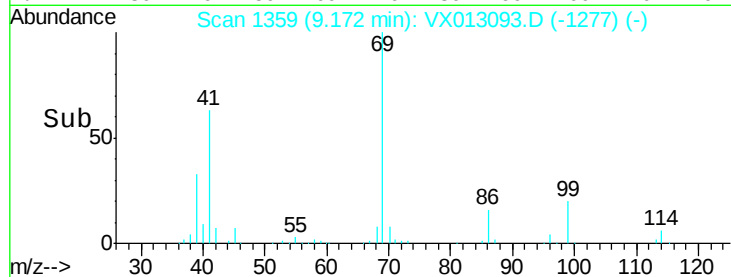
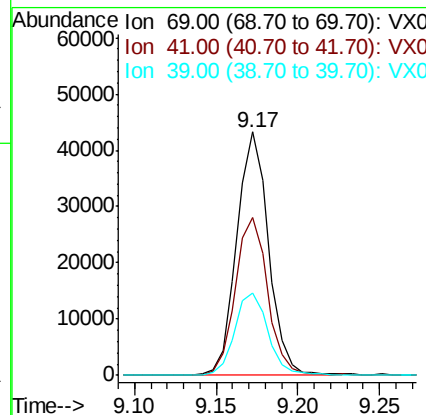
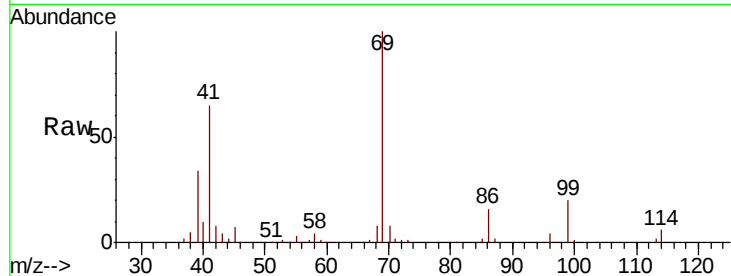
ClientSampleId :

VX1016WBS01

Tot Ion:	69	Resp:	58937
Ion Ratio	Lower	Upper	
69	100		
41	64.4	31.1	93.3
39	33.9	17.6	52.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.322 ug/l

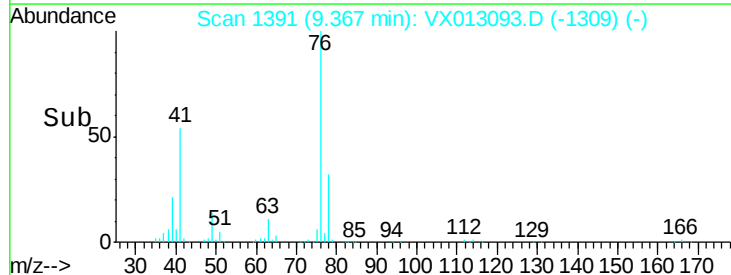
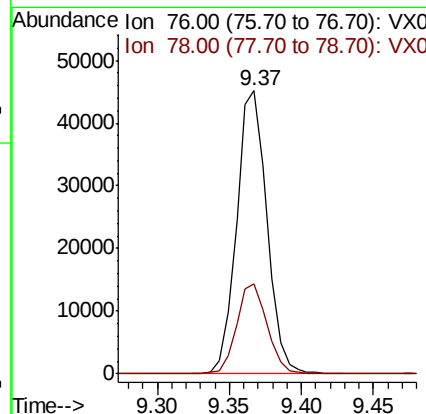
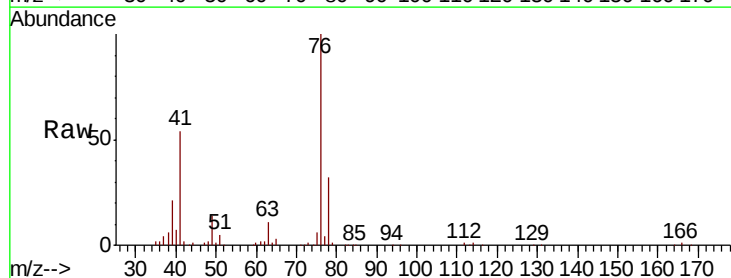
RT: 9.37 min Scan# 1391

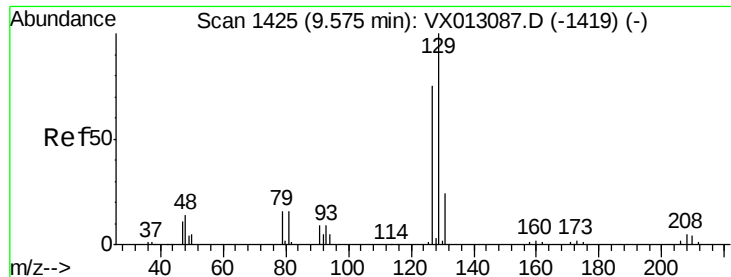
Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Tgt Ion:	76	Resp:	66465
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	64.2





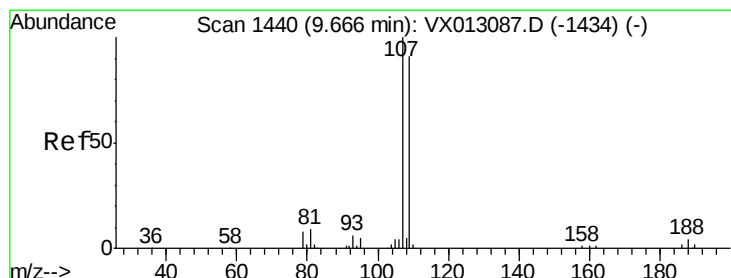
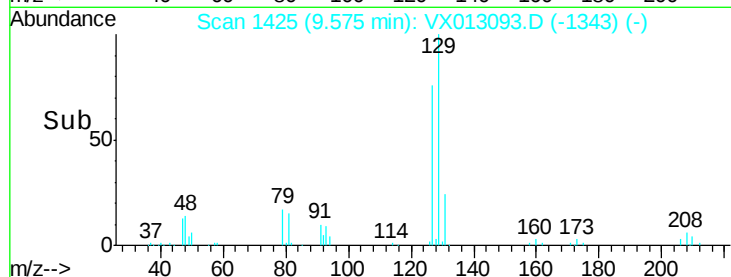
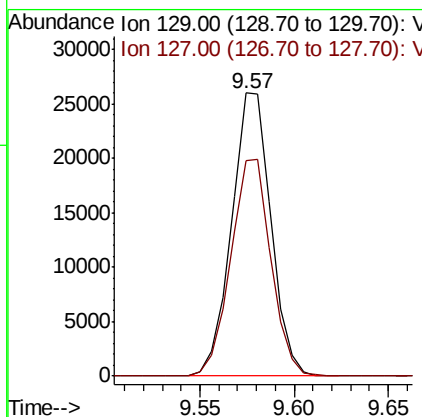
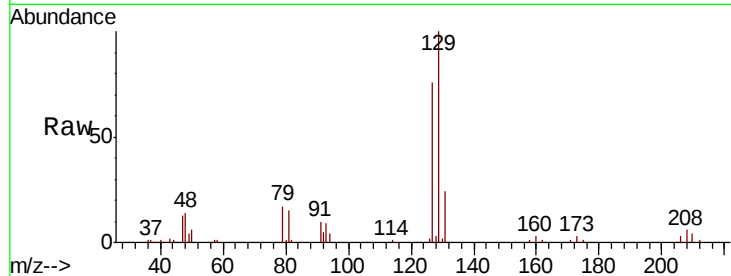
#53
Dibromochloromethane
Concen: 17.940 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		37759		
127	77.9	38.0	113.9		

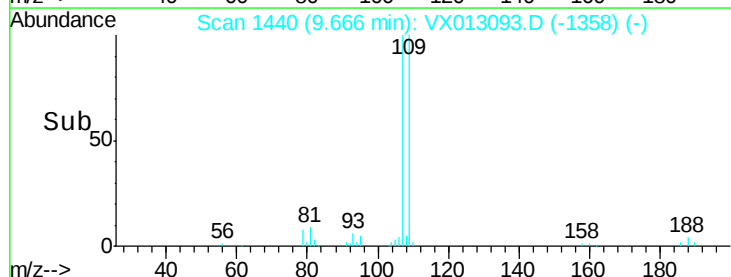
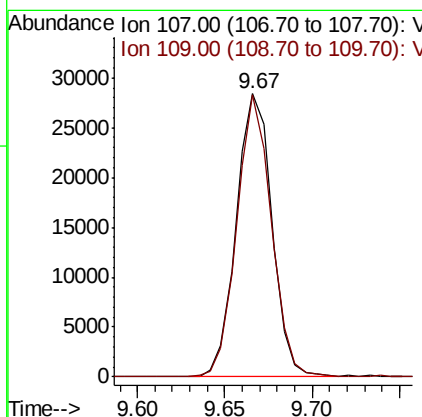
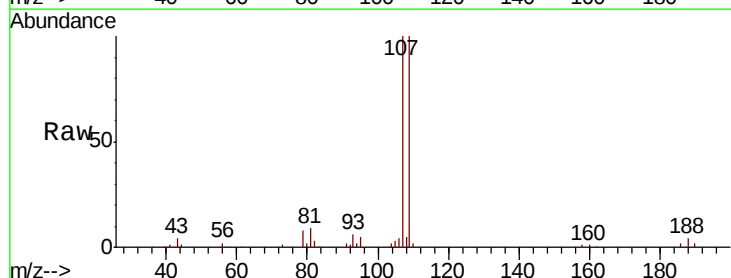
Manual Integrations
APPROVED

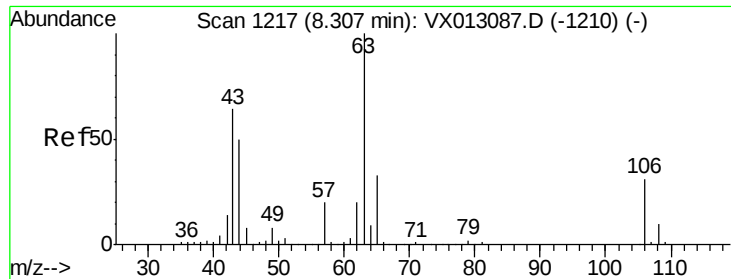
MMDadoda
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#54
1,2-Dibromoethane
Concen: 18.738 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		40396		
109	96.2	73.6	110.4		





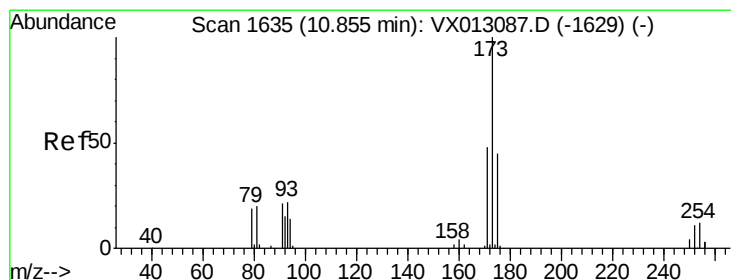
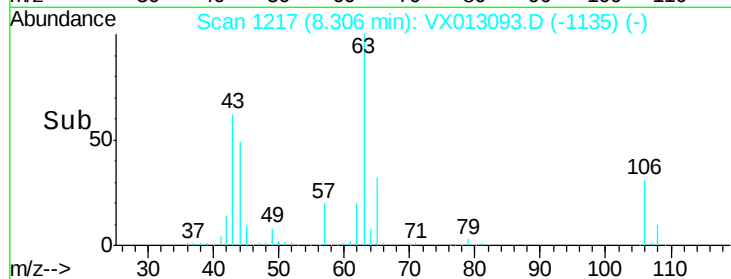
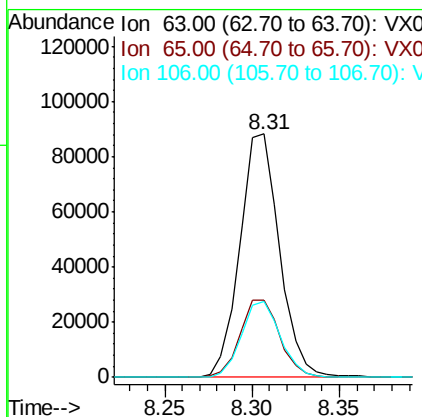
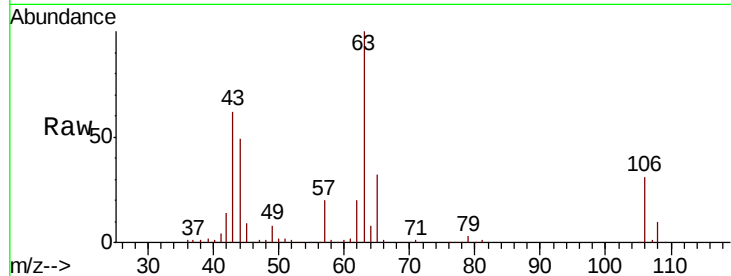
#55
2-Chloroethyl vinyl ether
Concen: 97.842 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.9	38.9
106	31.1	24.3	36.5

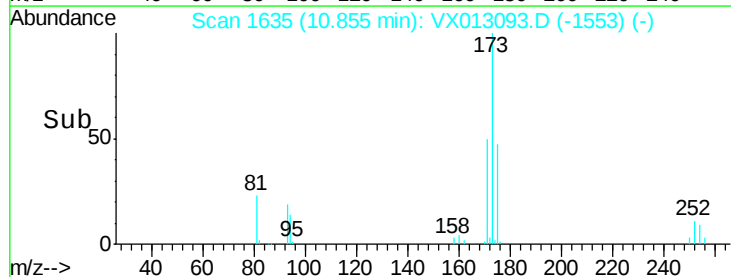
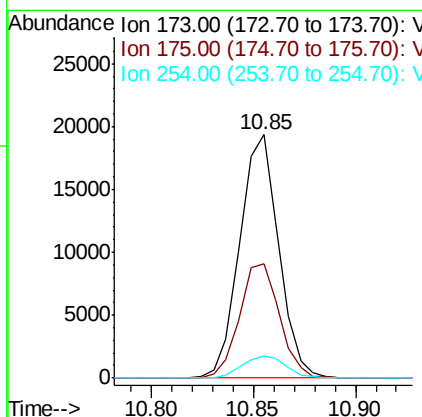
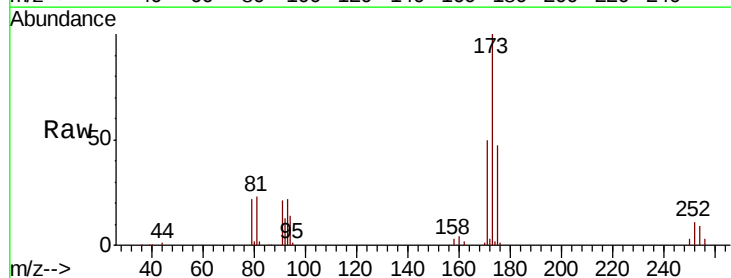
Manual Integrations
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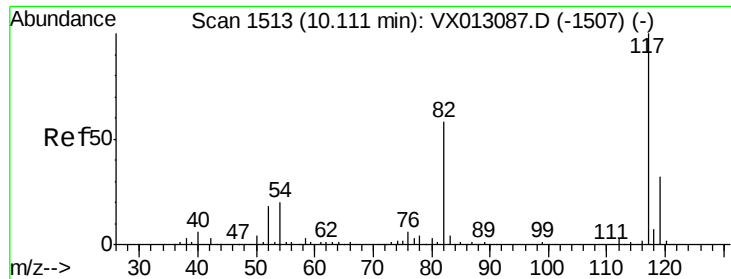
MMDadoda
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#56
Bromoform
Concen: 17.530 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	37.8	56.8
254	10.0	7.9	11.9





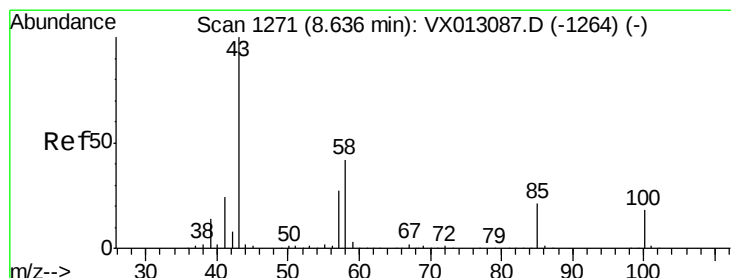
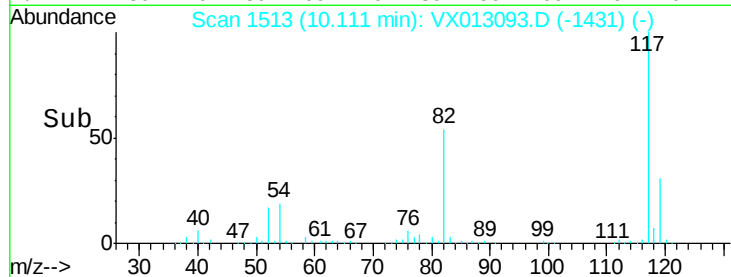
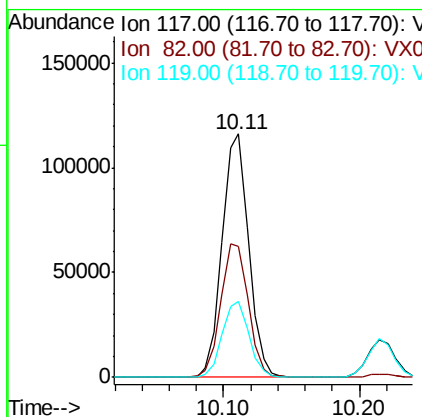
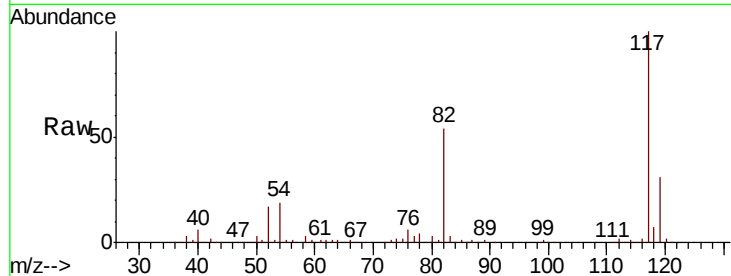
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.7	70.1
119	31.6	25.8	38.6

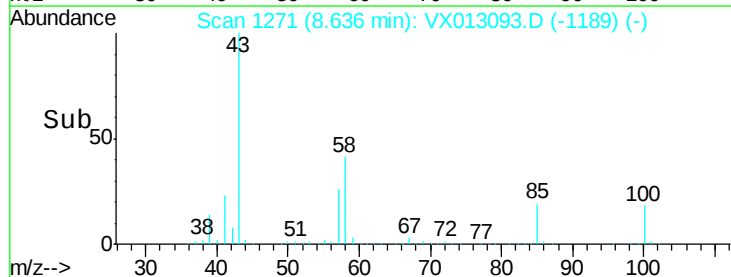
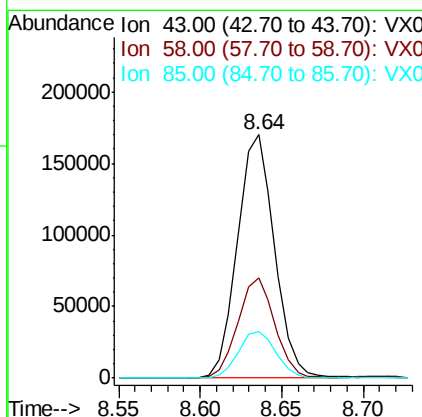
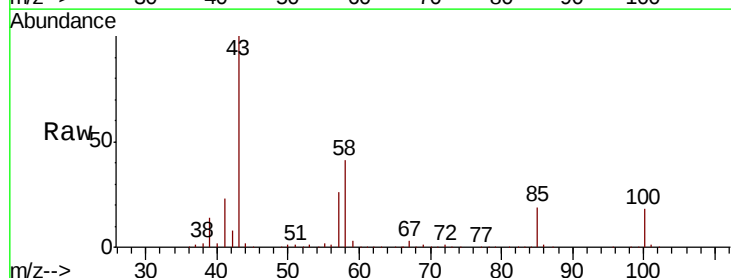
Manual Integrations
APPROVED

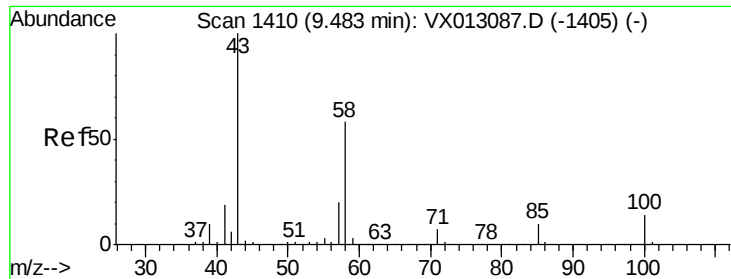
MMDadoda
10/18/2019 4:52:10 PM



#58
4-Methyl-2-Pentanone
Concen: 93.924 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.1	33.0	49.4
85	19.6	16.0	24.0





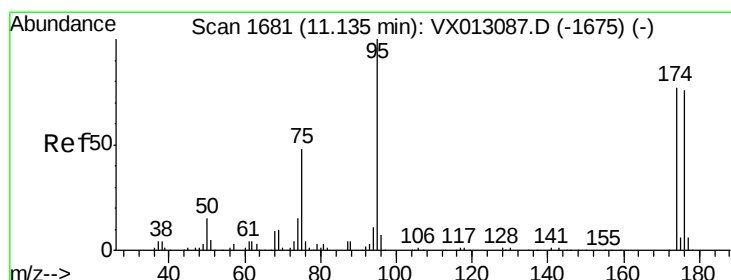
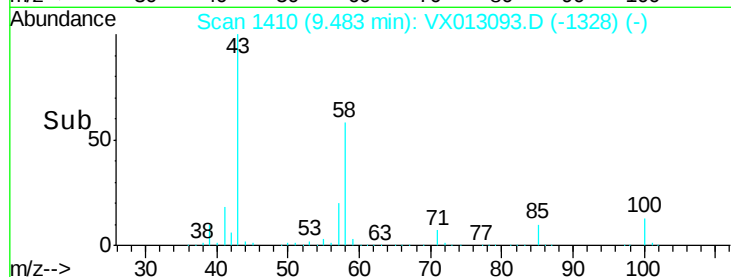
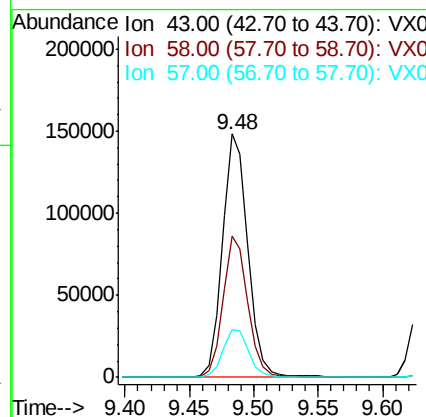
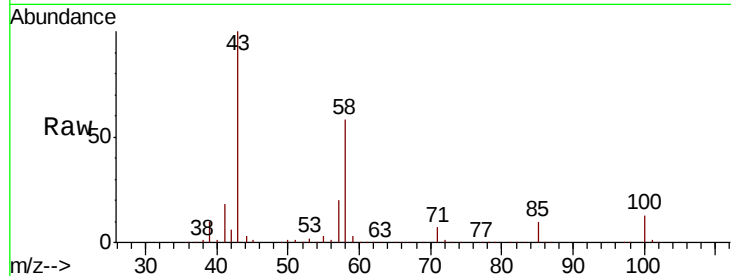
#59
2-Hexanone
Concen: 92.256 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.4	68.2
57	20.0	16.2	24.2

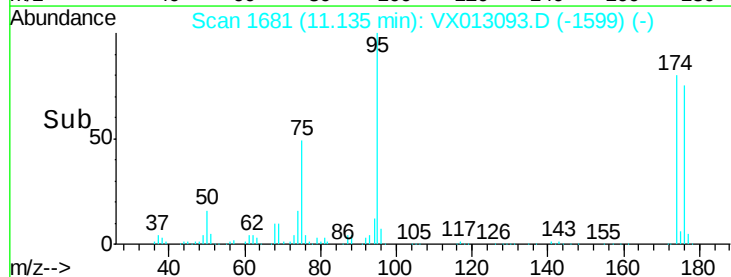
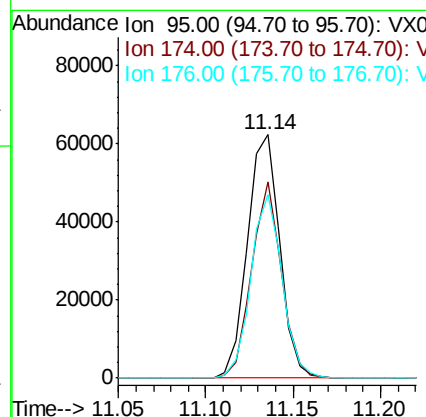
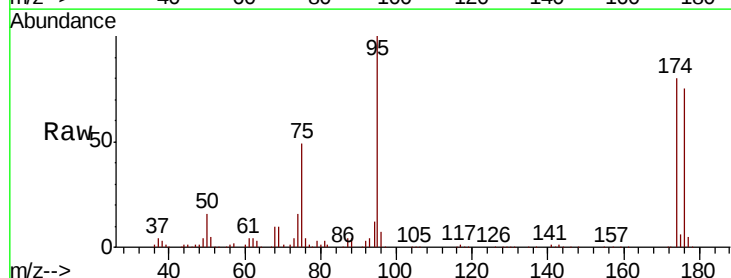
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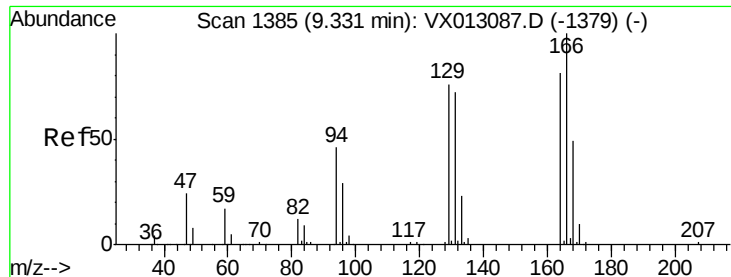
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.138 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	58.8	88.2
176	72.4	56.6	84.8





#61

Tetrachloroethene

Concen: 19.695 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tot Ion:164 Resp: 39533

Ion Ratio Lower Upper

164 100

166 133.7 98.4 147.6

129 97.0 75.2 112.8

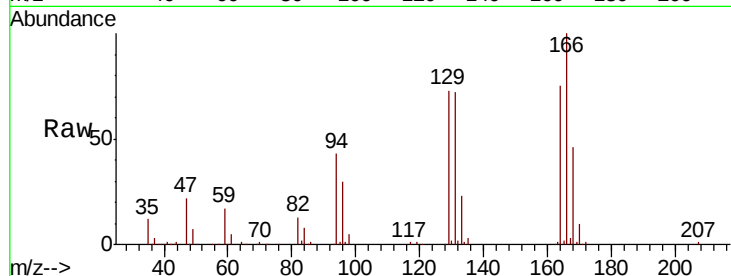
131 96.3 70.4 105.6

Manual Integrations

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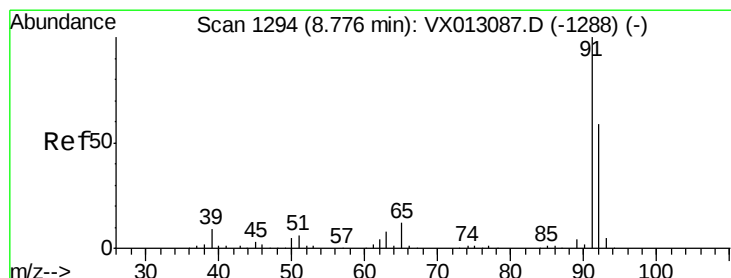
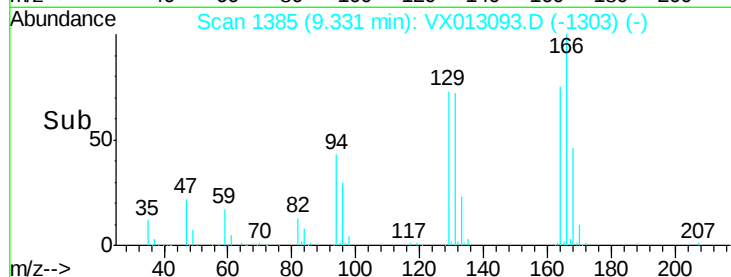
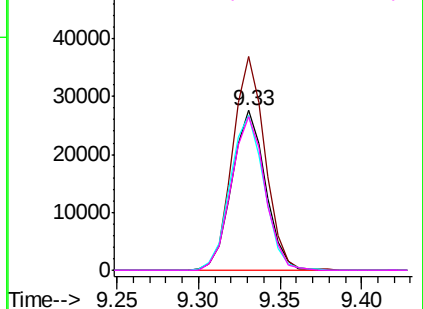


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.092 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013093.D

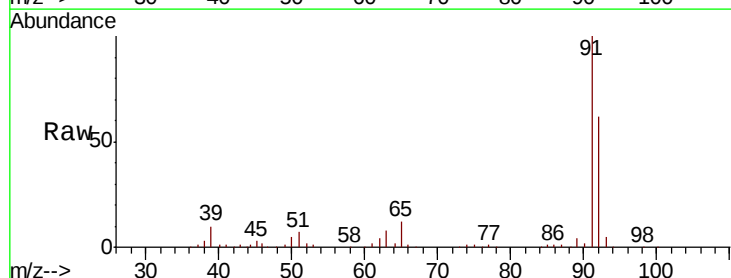
Acq: 16 Oct 2019 13:51

Tgt Ion: 91 Resp: 163464

Ion Ratio Lower Upper

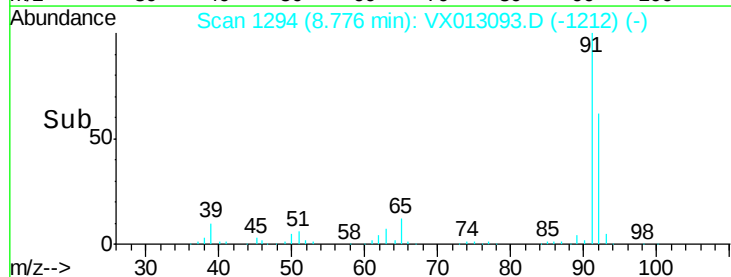
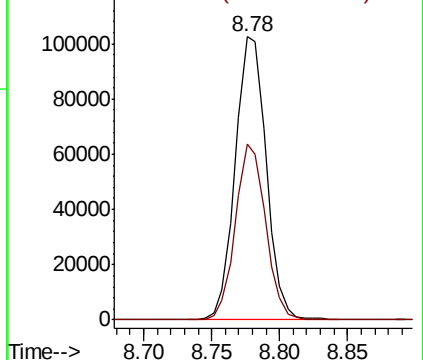
91 100

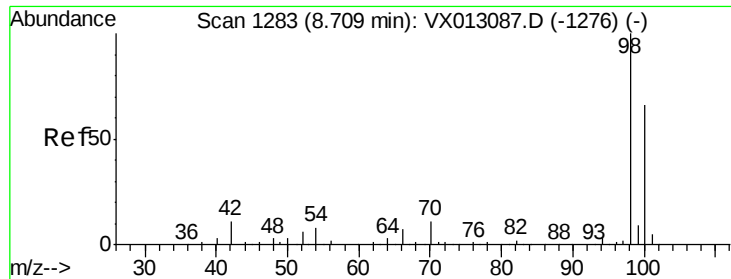
92 60.6 47.6 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





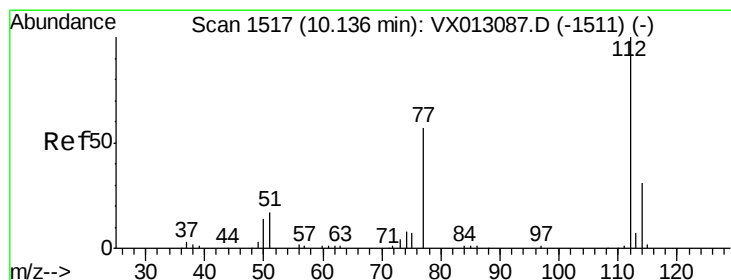
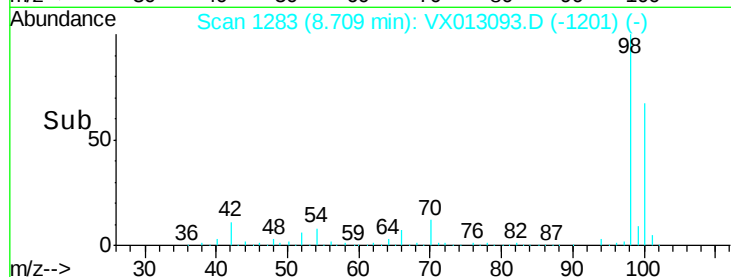
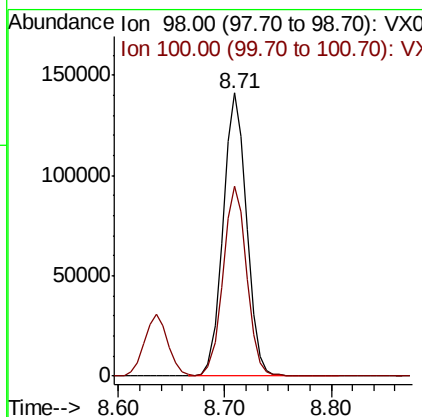
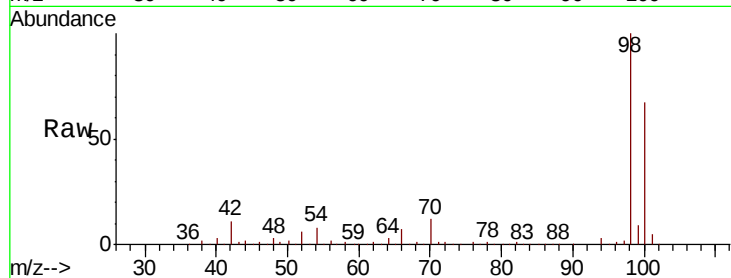
#63
Toluene-d8
Concen: 30.408 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion: 98 Resp: 218568
Ion Ratio Lower Upper
98 100
100 67.4 53.8 80.6

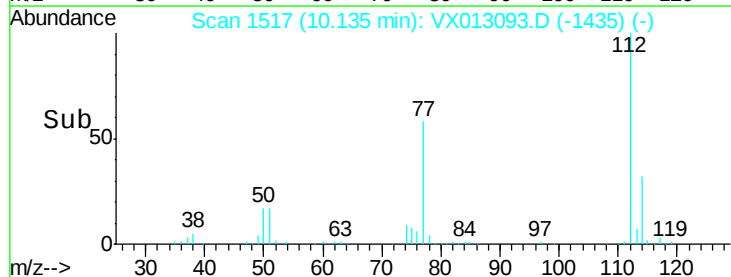
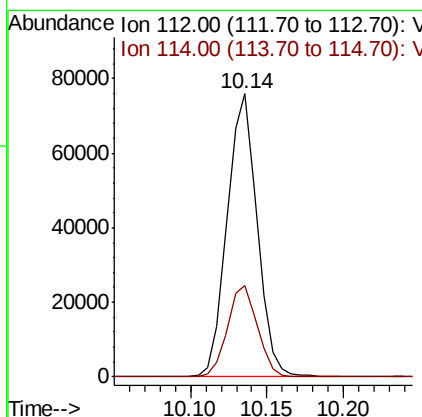
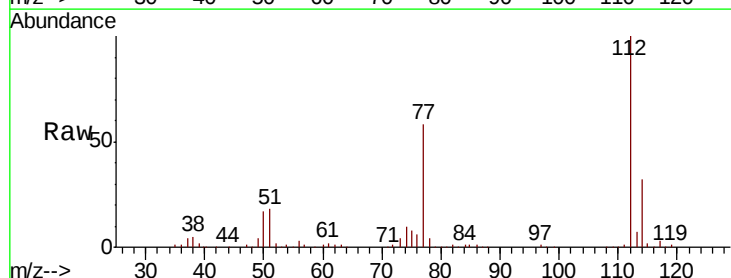
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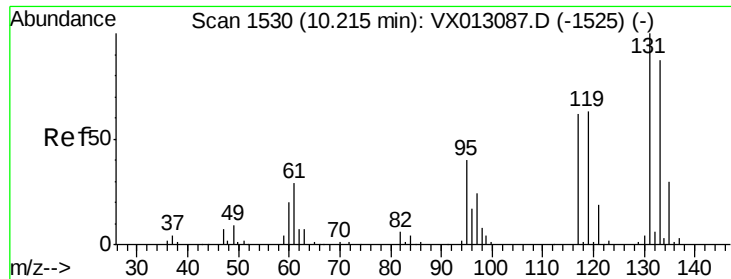
MMDadoda
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#64
Chlorobenzene
Concen: 18.991 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion: 112 Resp: 103342
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.509 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

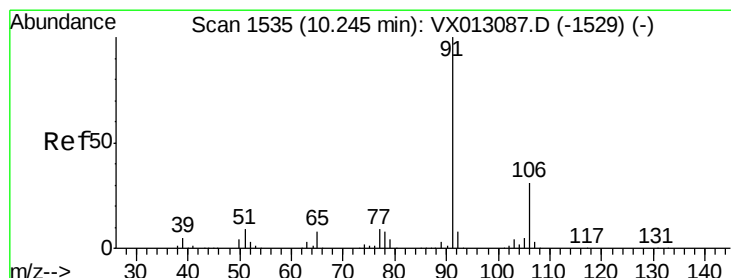
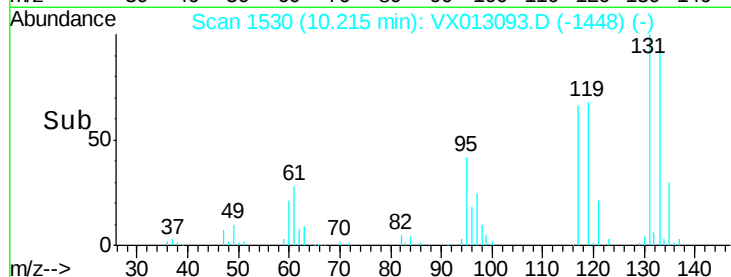
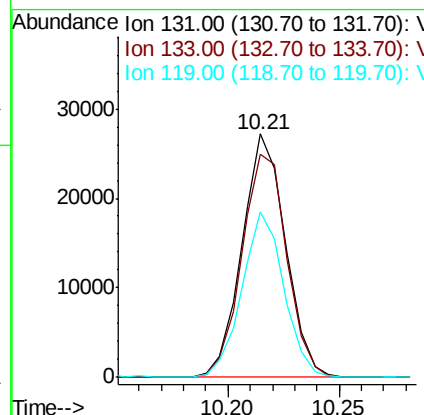
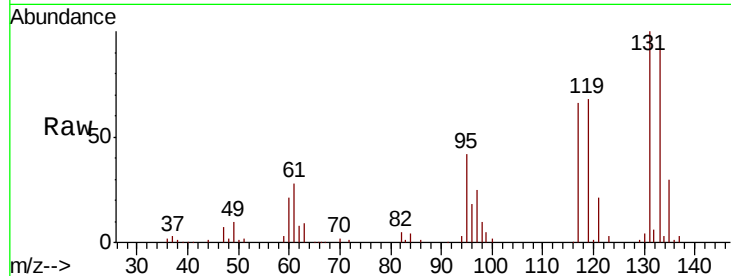
ClientSampleId :

VX1016WBS01

Tot Ion:	131	Resp:	36992
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	187.8
119	65.5	0.0	128.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.056 ug/l

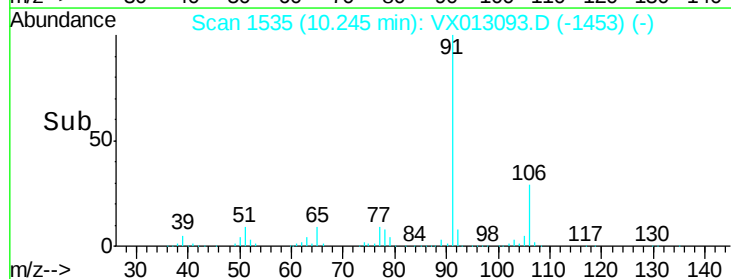
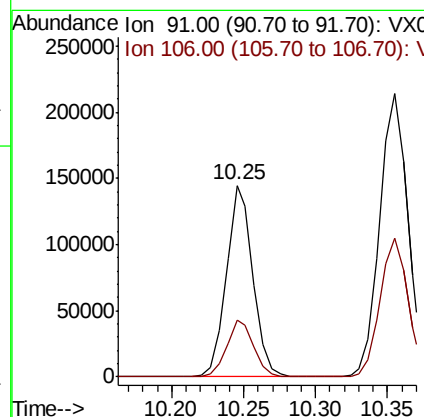
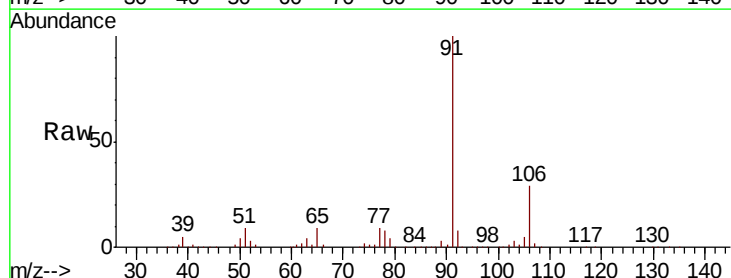
RT: 10.25 min Scan# 1535

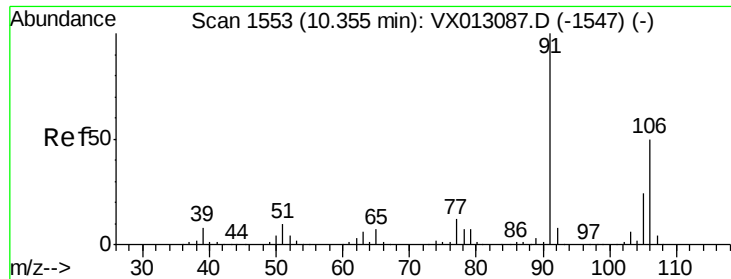
Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Tgt Ion:	91	Resp:	186227
Ion Ratio	Lower	Upper	
91	100		
106	29.5	25.0	37.4





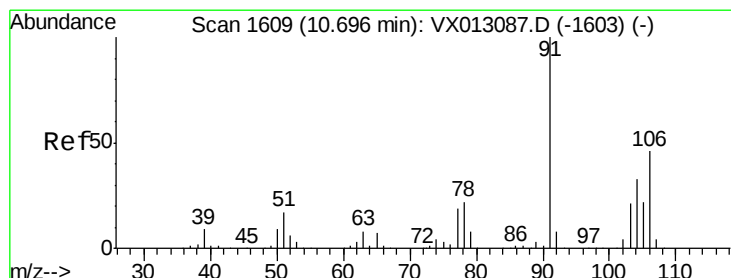
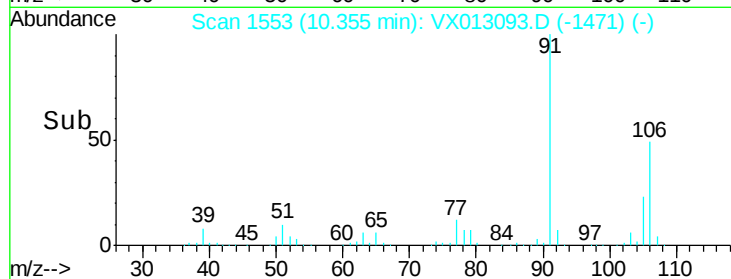
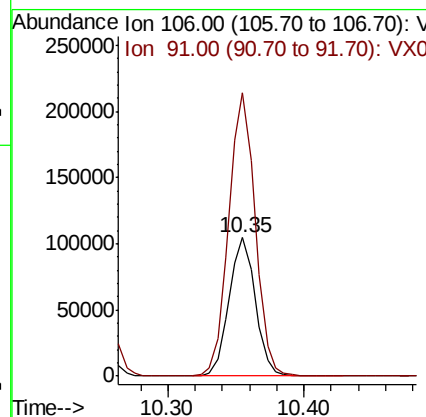
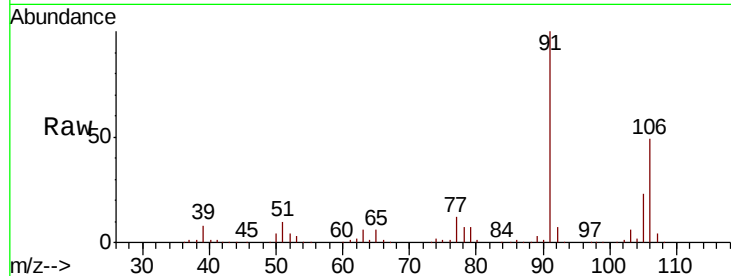
#67
m/p-Xvlenes
Concen: 38.297 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion:106 Resp: 140802
Ion Ratio Lower Upper
106 100
91 205.3 162.6 243.8

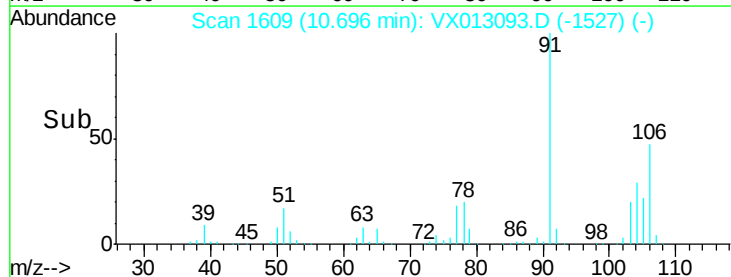
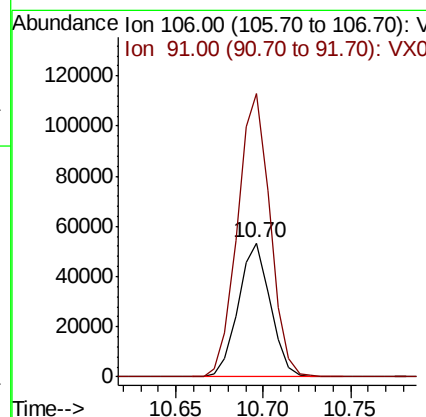
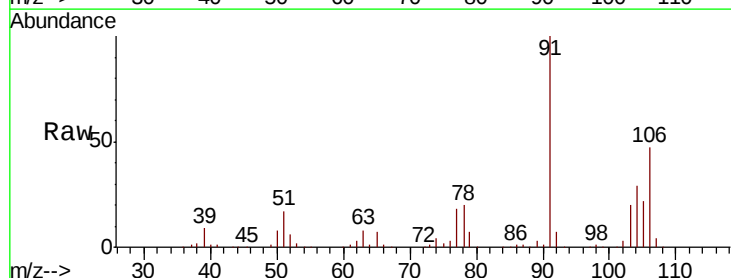
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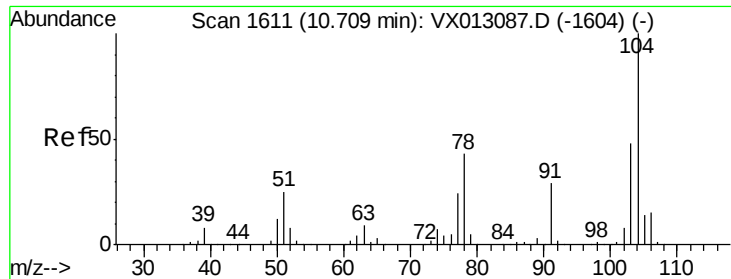
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#68
o-Xylene
Concen: 19.053 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion:106 Resp: 68213
Ion Ratio Lower Upper
106 100
91 214.0 109.1 327.3





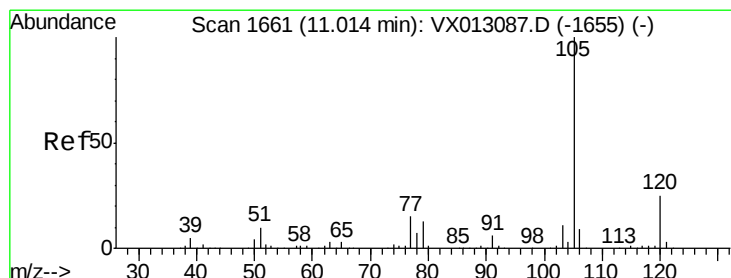
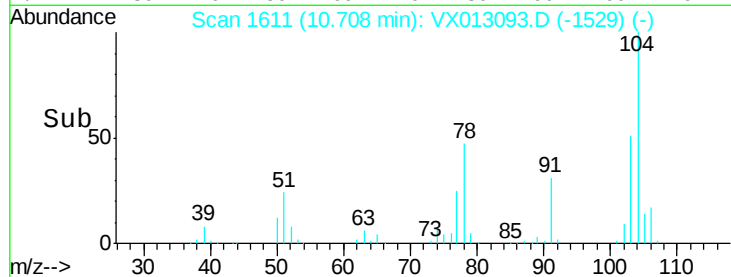
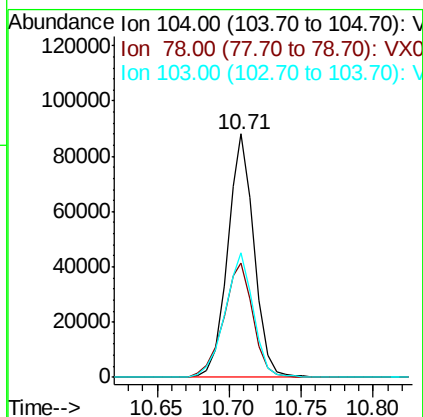
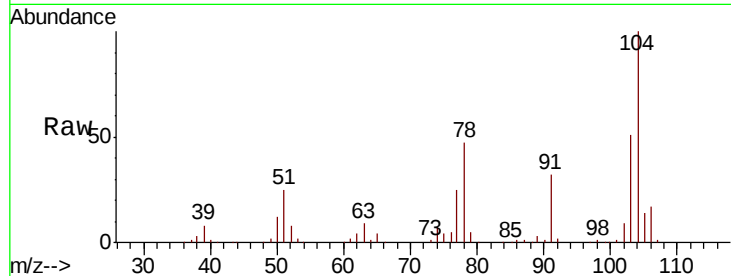
#69
Stvrene
Concen: 18.363 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.7	41.0	61.4
103	55.1	42.8	64.2

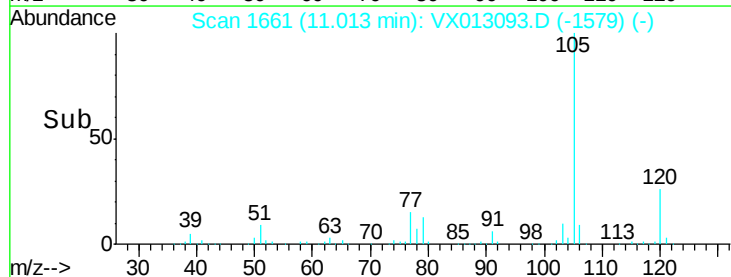
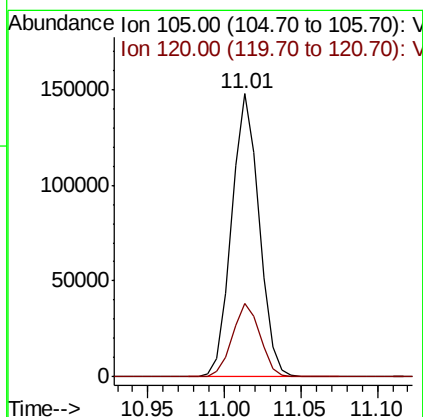
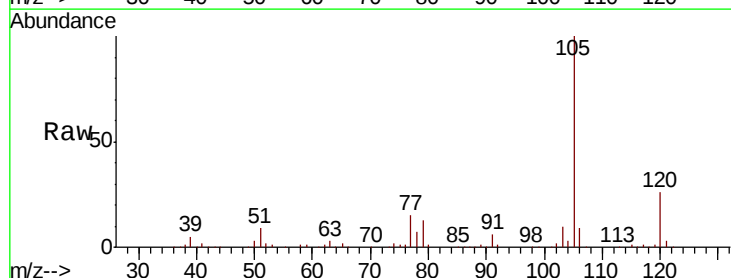
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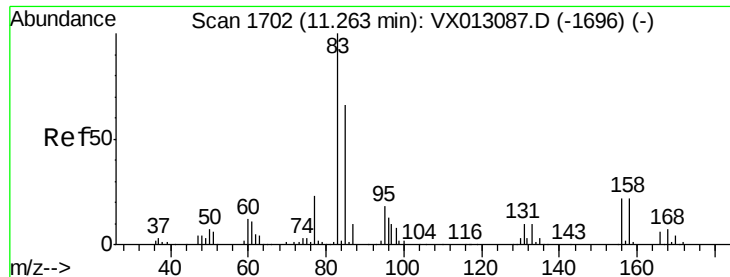
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#70
Isopropylbenzene
Concen: 19.207 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	17.9	33.3





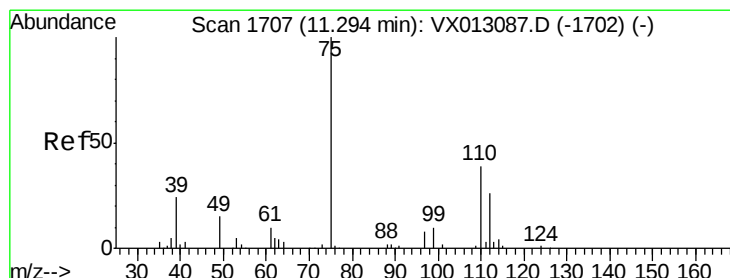
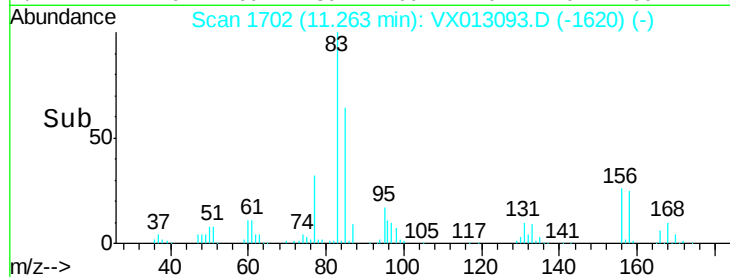
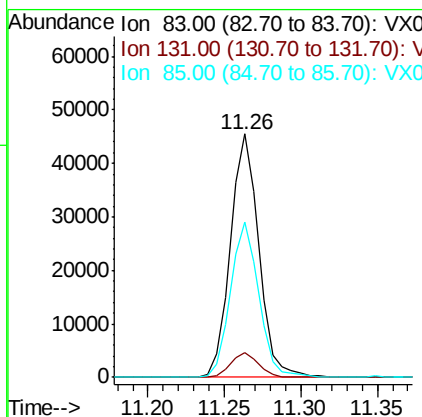
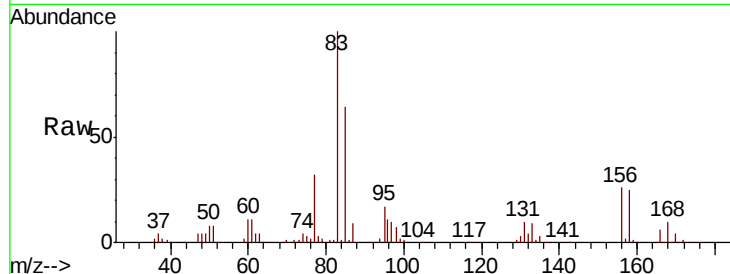
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.800 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.0	4.9	14.6	
85	63.8	31.9	95.9	

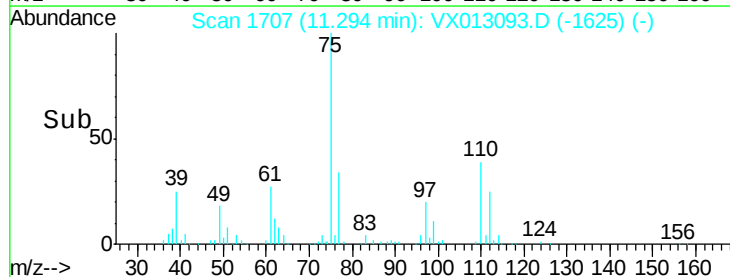
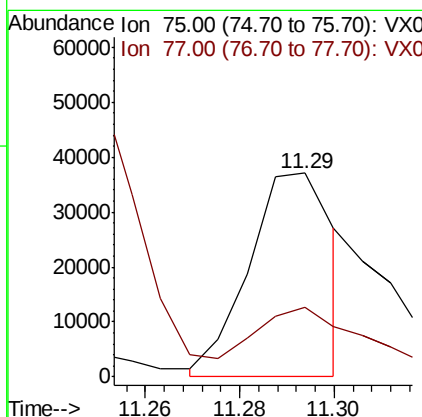
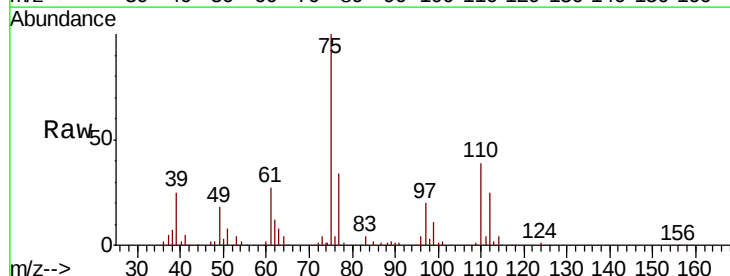
Manual Integrations
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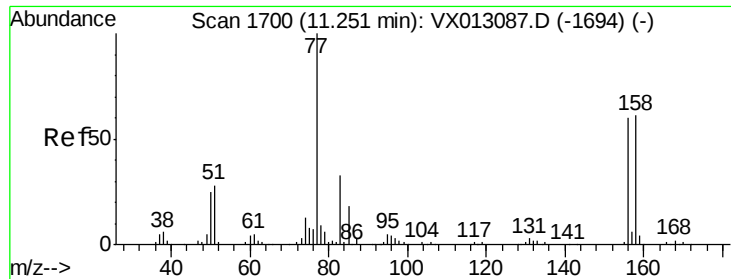
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#72
 1,2,3-Trichloropropane
 Concen: 17.839 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	45.3	0.0	87.8	





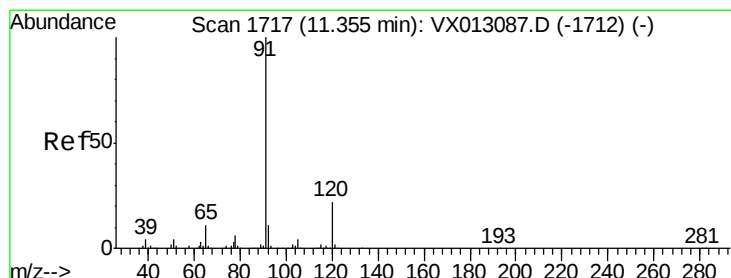
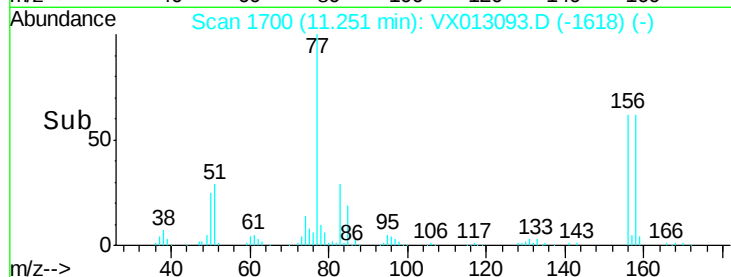
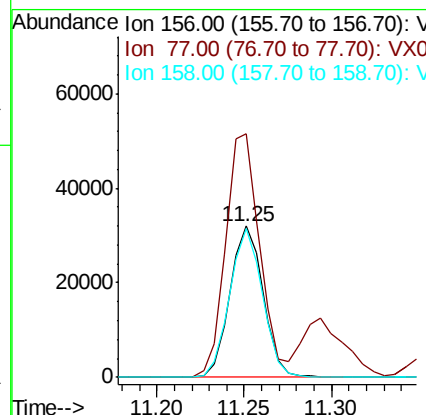
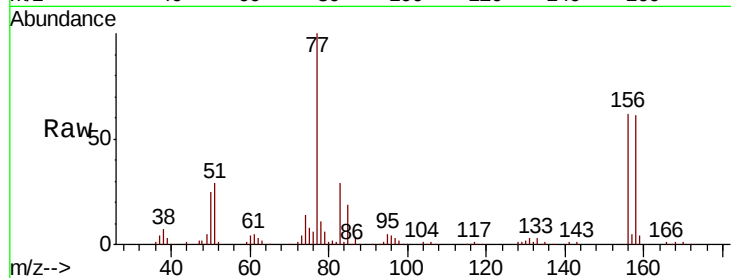
#73
Bromobenzene
Concen: 18.545 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	42295		
77	165.7	0.0	344.0	
158	97.3	0.0	195.6	

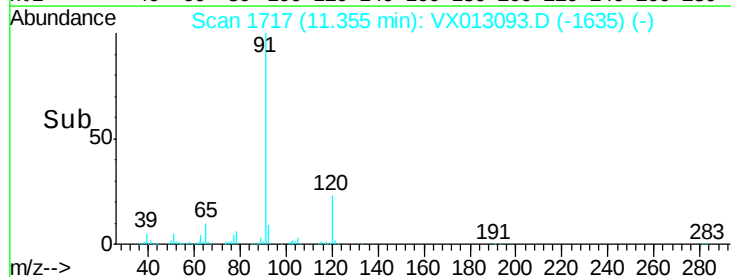
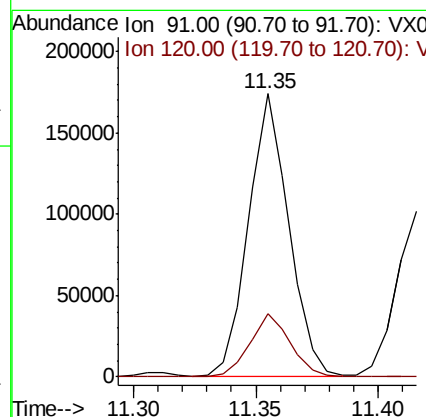
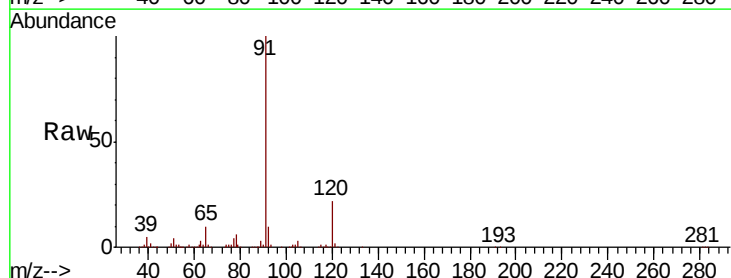
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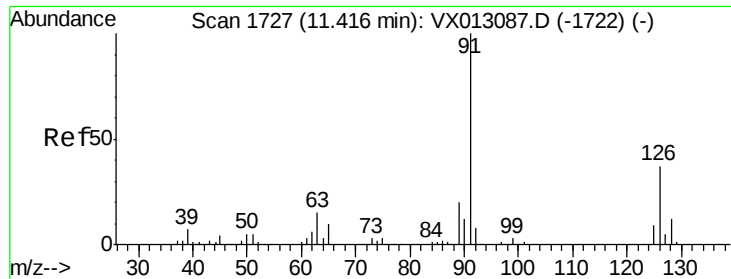
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#74
n-propylbenzene
Concen: 18.754 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	200308		
120	22.3	0.0	45.0	





#75

2-Chlorotoluene

Concen: 18.985 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013093.D

Acq: 16 Oct 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1016WBS01

Tot Ion: 91 Resp: 124225

Ion Ratio Lower Upper

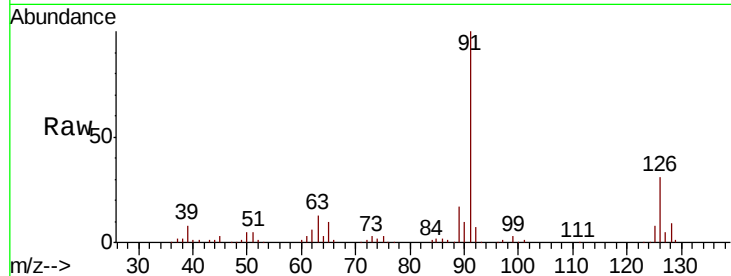
91 100

126 31.4 0.0 66.0

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Abundance Ion 91.00 (90.70 to 91.70): VX013087.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013087.D (-1722) (-)

200000

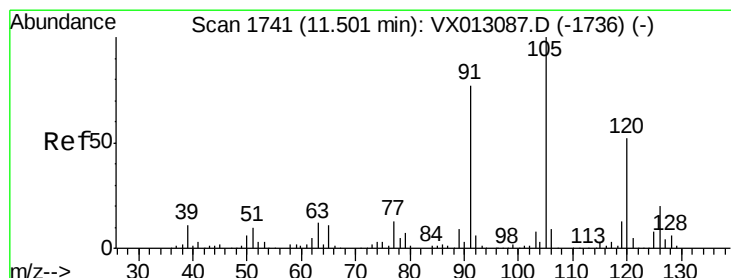
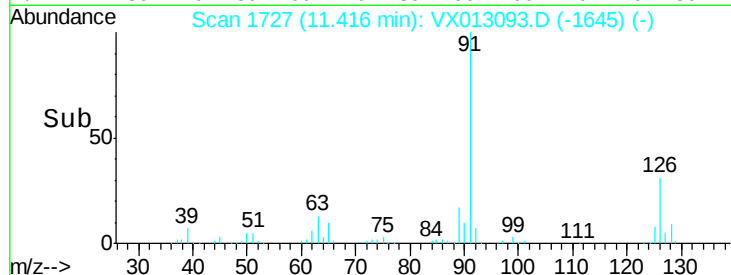
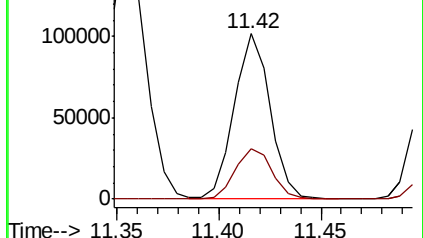
150000

100000

50000

0

11.35 11.40 11.45



#76

1,3,5-Trimethylbenzene

Concen: 19.164 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013093.D

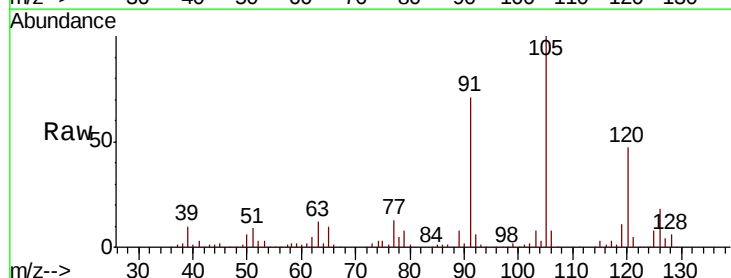
Acq: 16 Oct 2019 13:51

Tgt Ion: 105 Resp: 155938

Ion Ratio Lower Upper

105 100

120 48.0 0.0 96.6



Abundance Ion 105.00 (104.70 to 105.70): VX013087.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013087.D (-1736) (-)

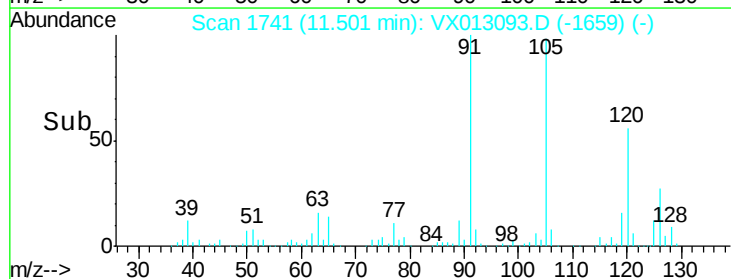
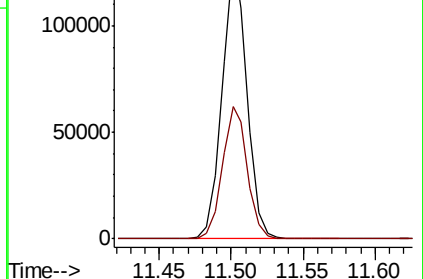
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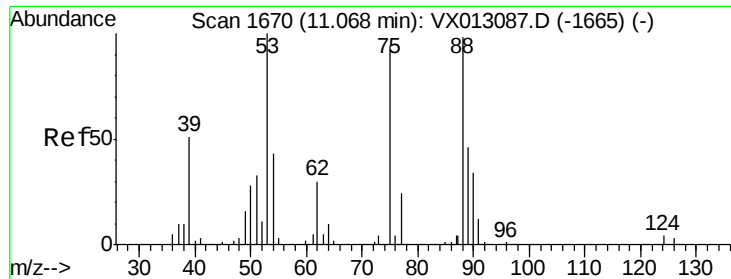
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50000

0

11.45 11.50 11.55 11.60





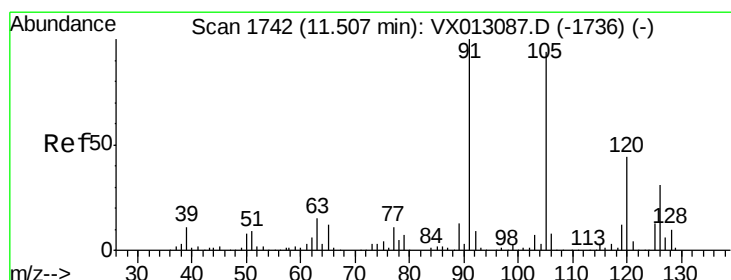
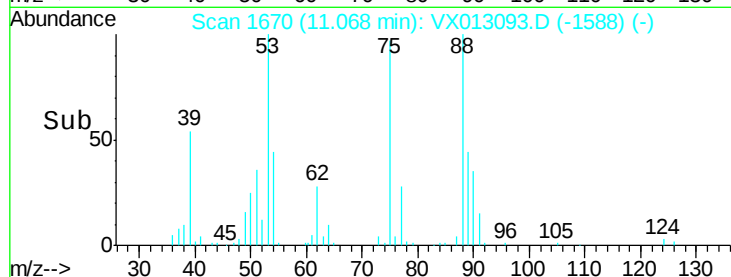
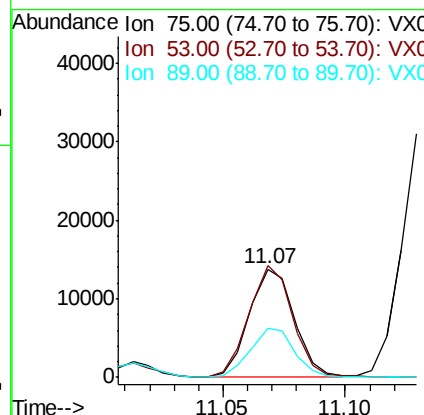
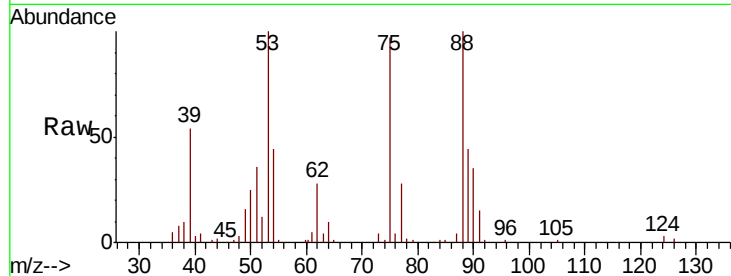
#77
t-1,4-Dichloro-2-butene
Concen: 17.685 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.8	53.1	159.4
89	45.2	24.6	73.8

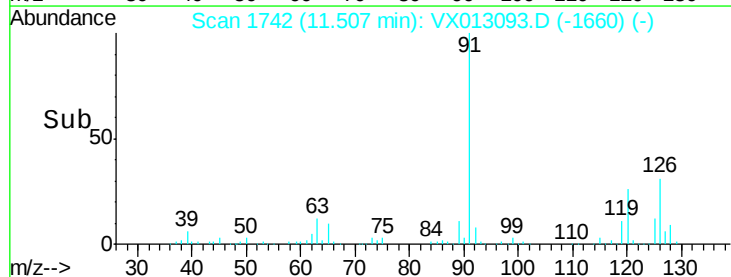
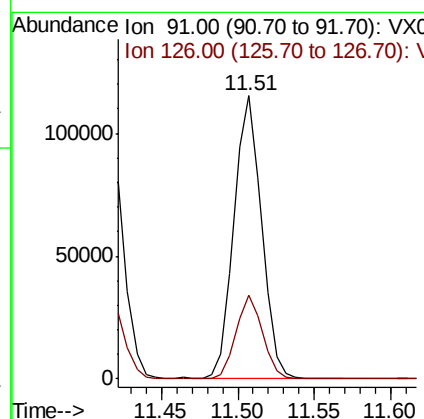
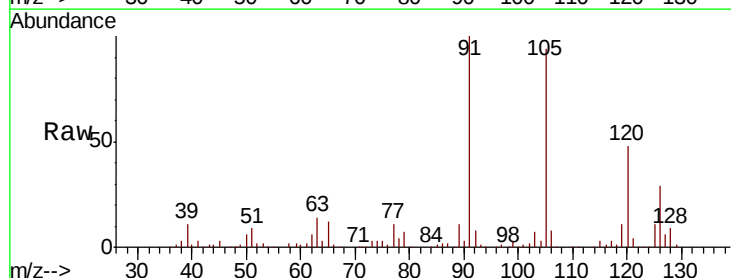
Manual Integrations
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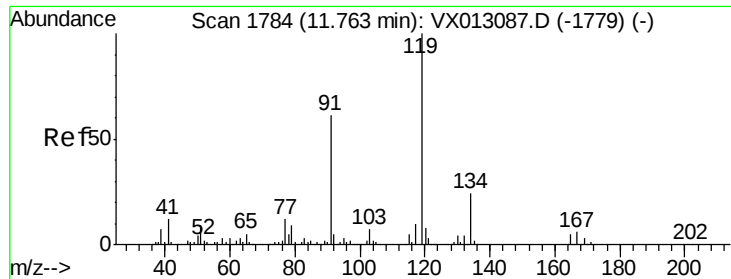
MMDadoda
10/18/2019 4:52:10 PM



#78
4-Chlorotoluene
Concen: 19.127 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	0.0	57.0





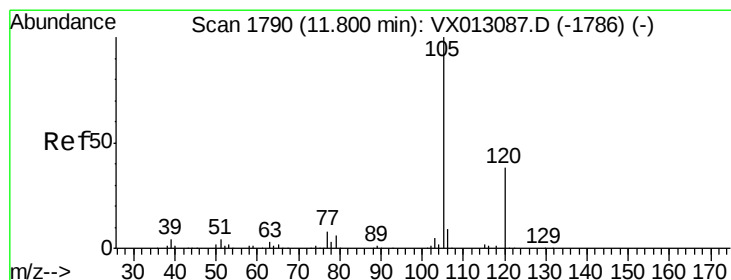
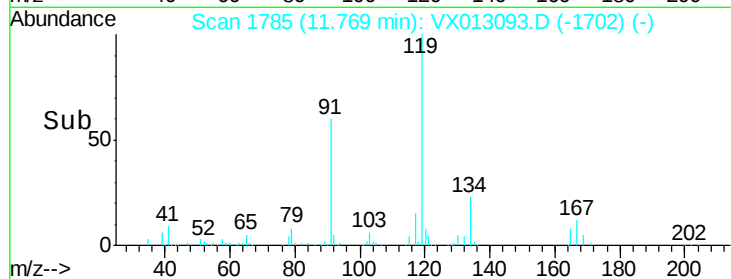
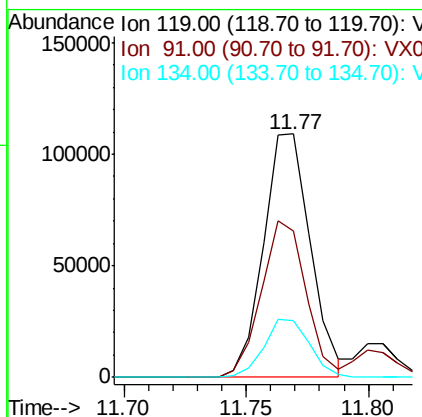
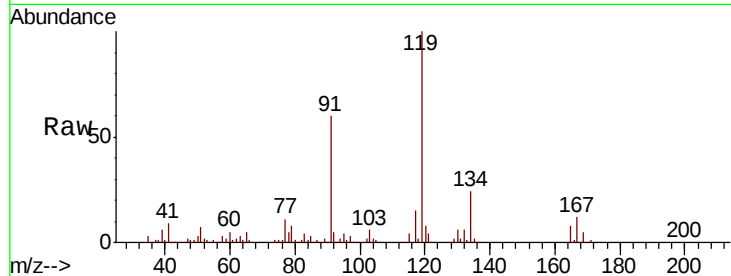
#79
tert-butylbenzene
Concen: 19.035 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	145701		
91	61.2	0.0	122.2	
134	23.4	0.0	46.6	

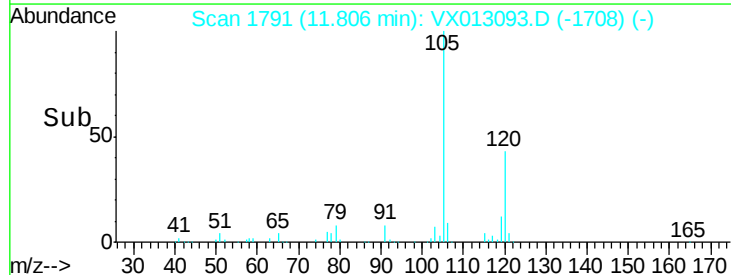
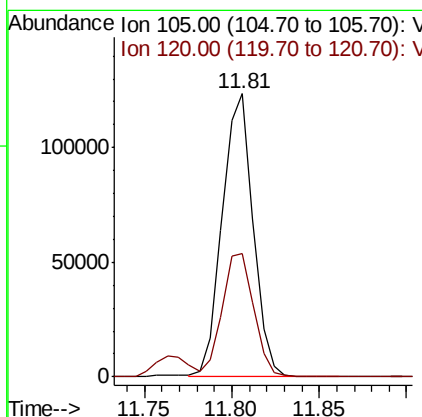
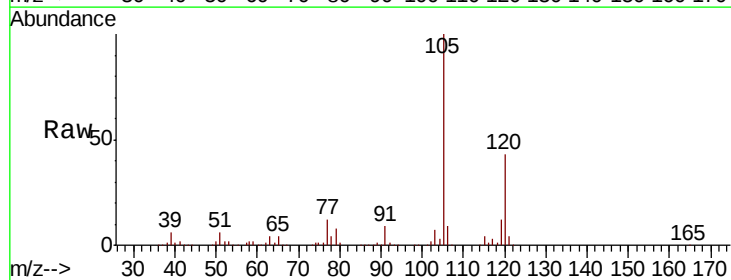
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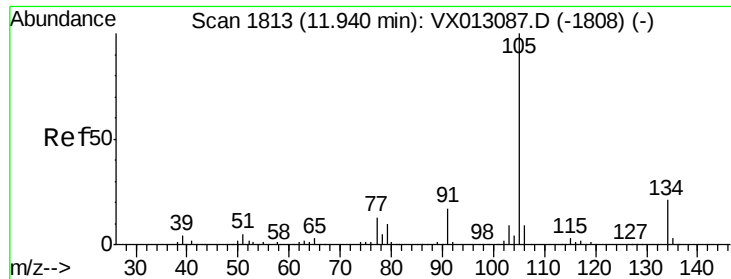
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10/18/2019 4:52:10 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.657 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	151394		
120	44.9	0.0	85.8	





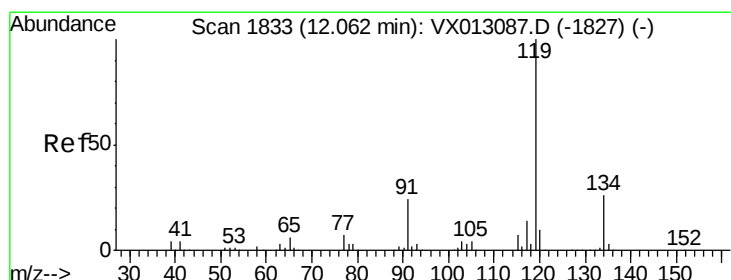
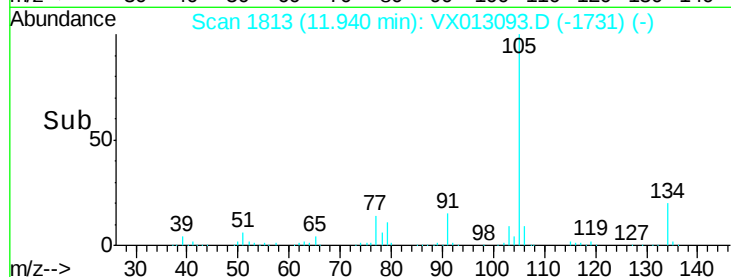
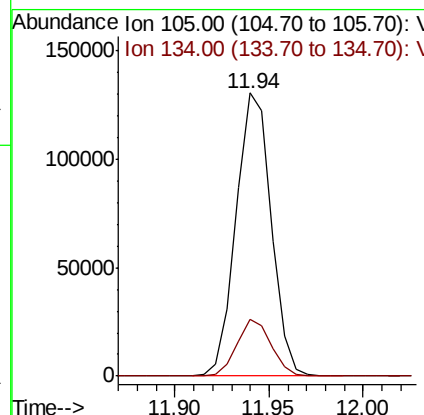
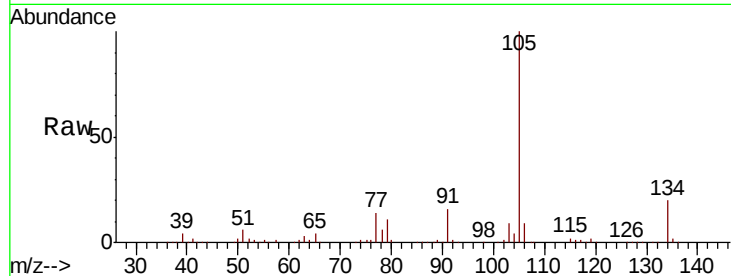
#81
 sec-Butylbenzene
 Concen: 18.323 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	168953		
134	19.6	0.0	39.6	

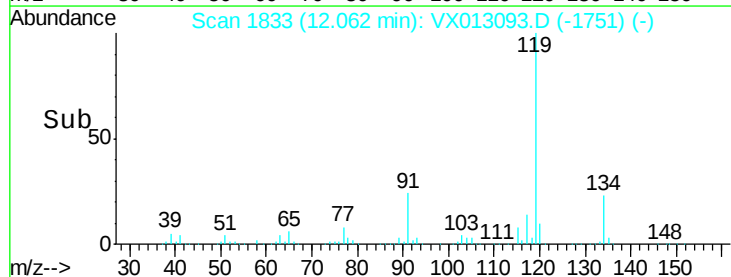
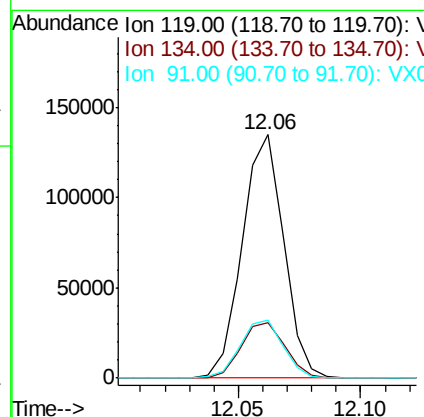
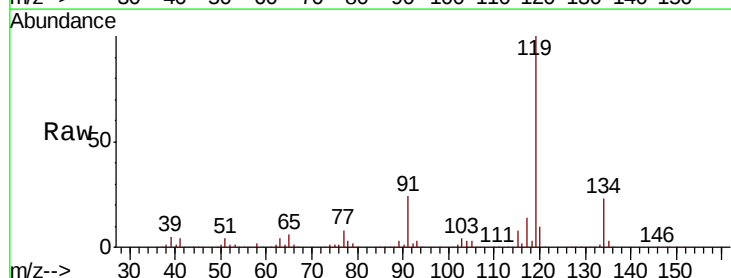
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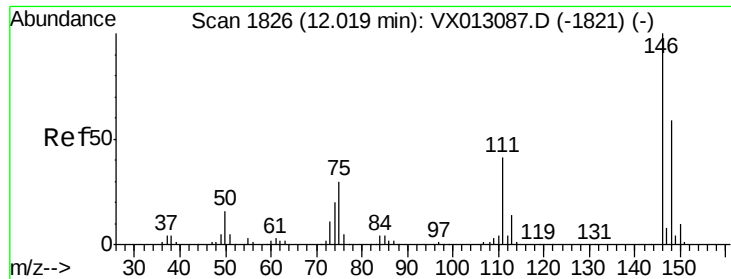
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#82
 p-Isopropyltoluene
 Concen: 19.031 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	160010		
134	24.2	0.0	52.0	
91	24.7	0.0	50.4	





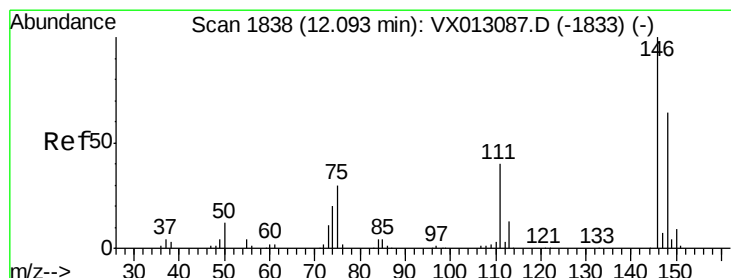
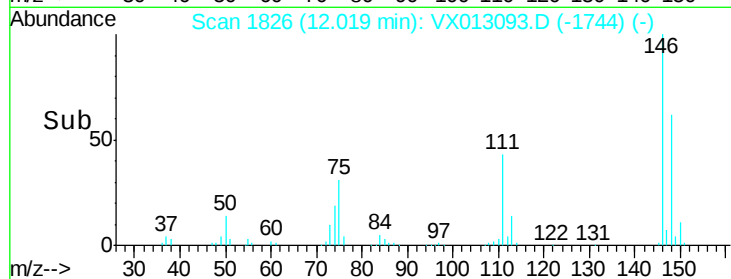
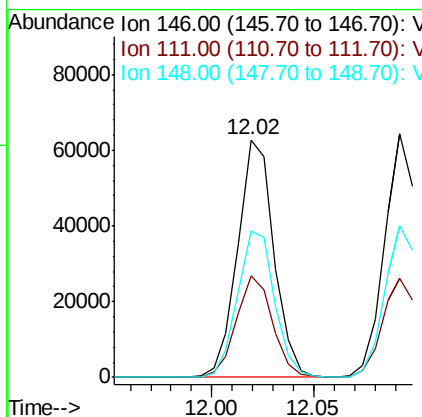
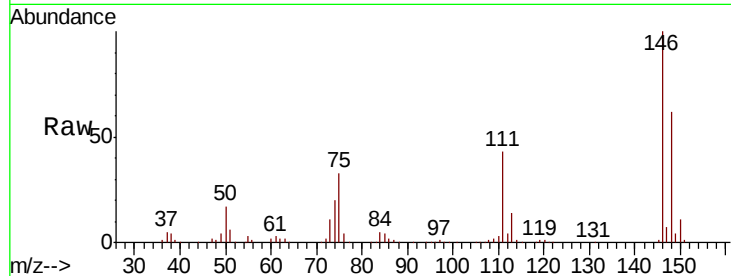
#83
 1,3-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	63.0	30.4	91.2

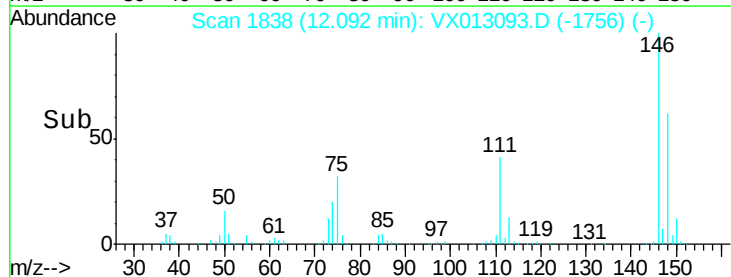
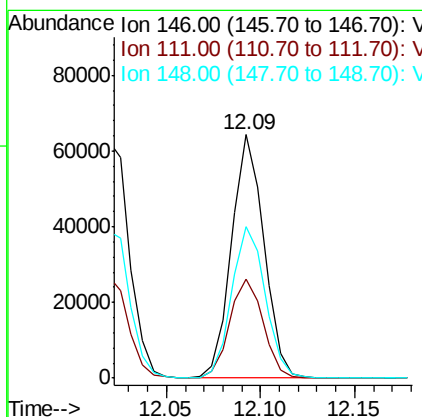
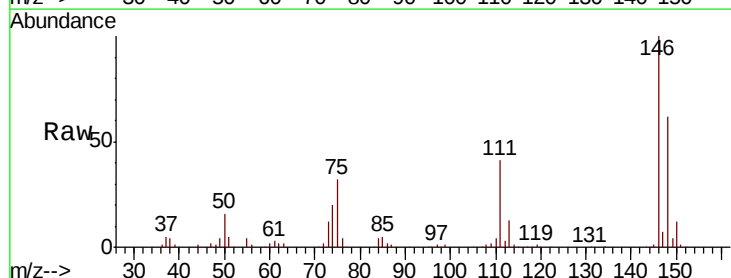
Manual Integrations
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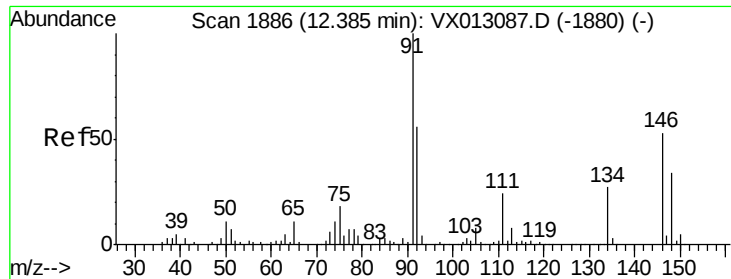
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#84
 1,4-Dichlorobenzene
 Concen: 18.509 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.0	59.9
148	64.5	31.9	95.7





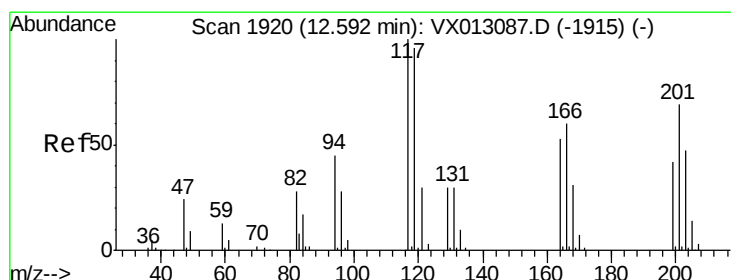
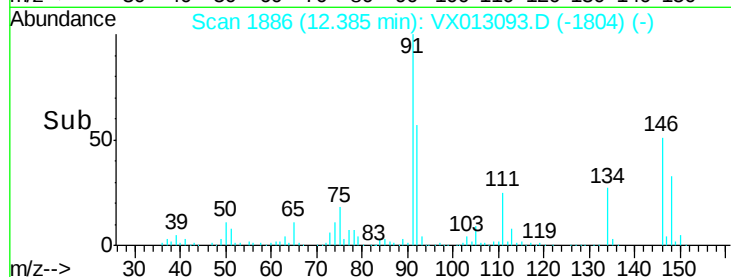
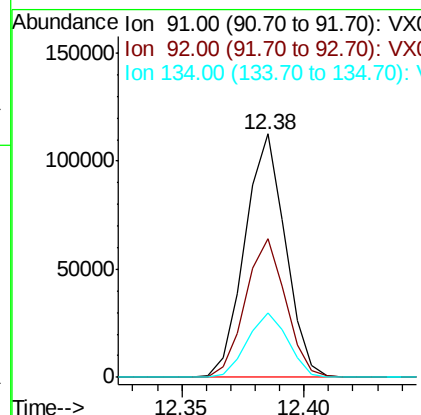
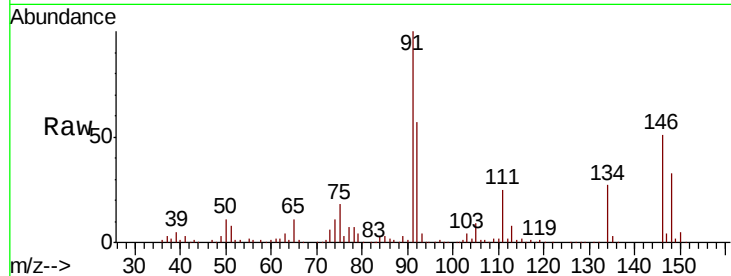
#85
n-Butylbenzene
Concen: 18.113 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	129997		
92	56.5	0.0	109.4	
134	26.7	0.0	51.6	

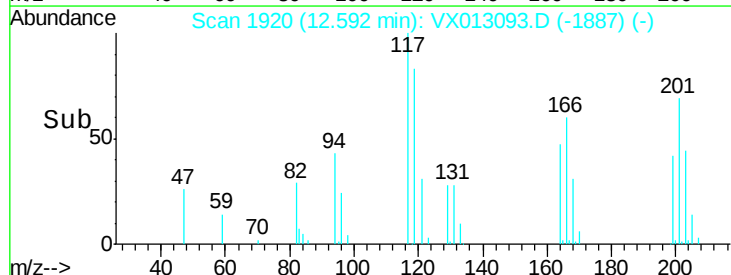
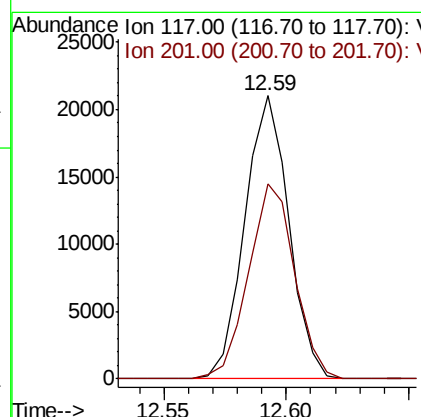
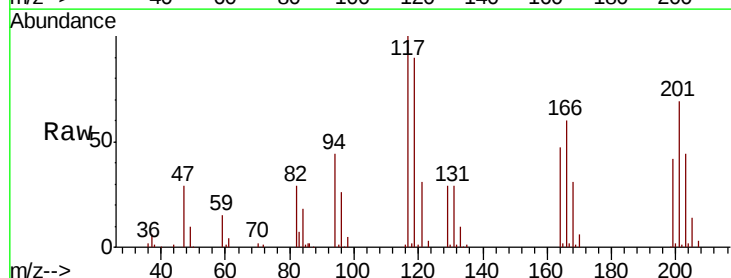
Manual Integrations
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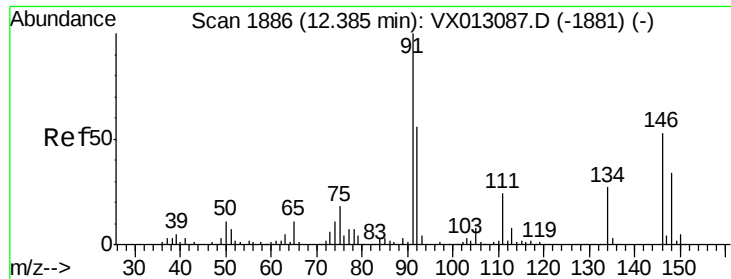
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#86
Hexachloroethane
Concen: 17.997 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26222		
201	72.3	34.2	102.5	





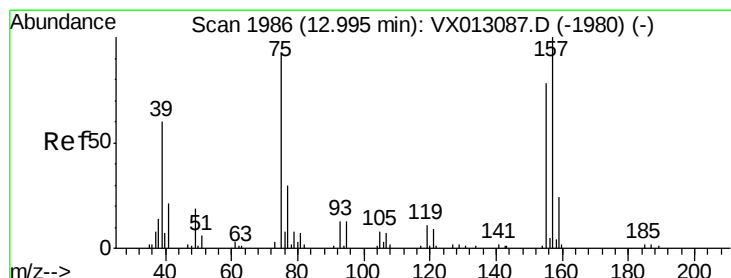
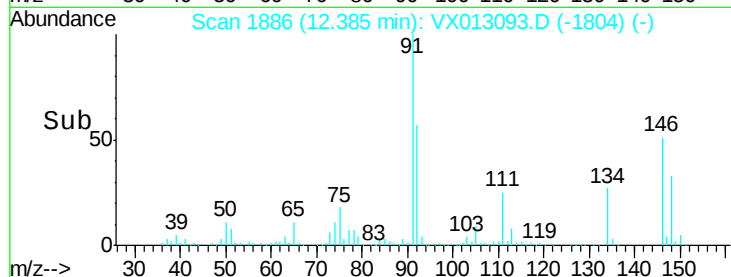
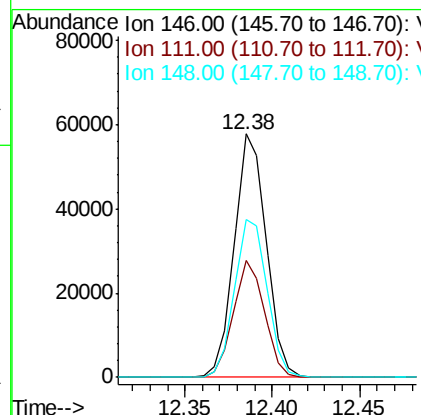
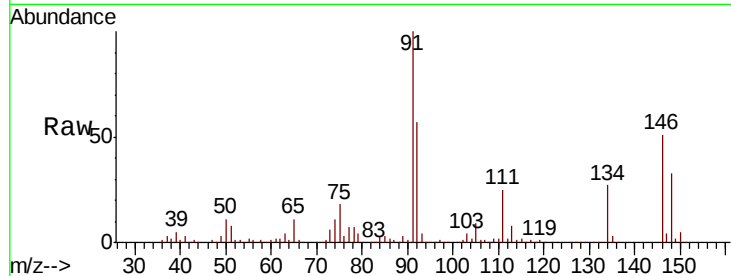
#87
 1,2-Dichlorobenzene
 Concen: 18.044 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1016WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.7	22.3	66.9
148	66.1	32.7	98.1

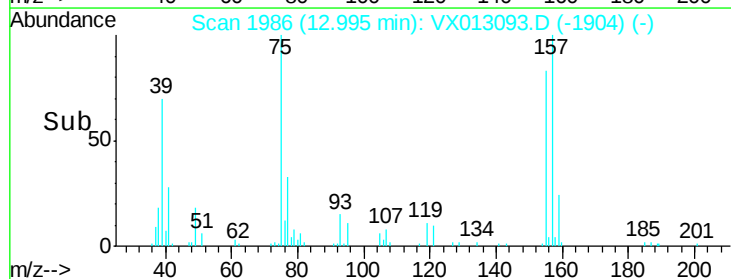
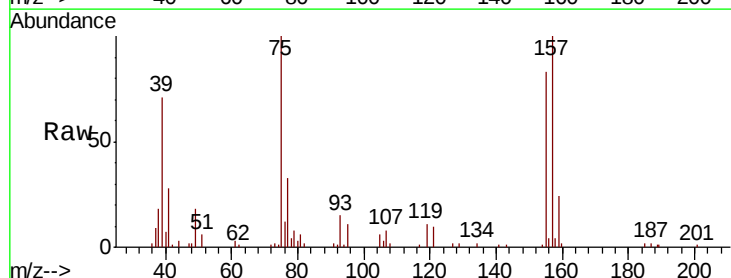
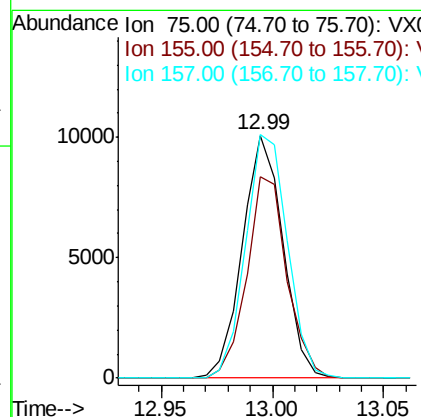
Manual Integrations
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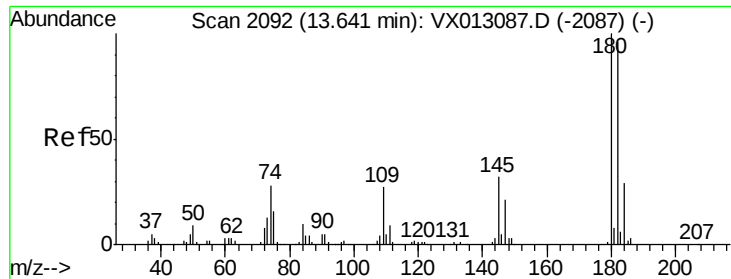
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.933 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013093.D
 Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	68.4	102.6
157	103.4	85.6	128.4





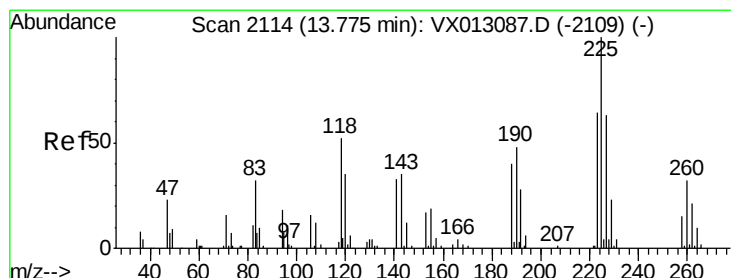
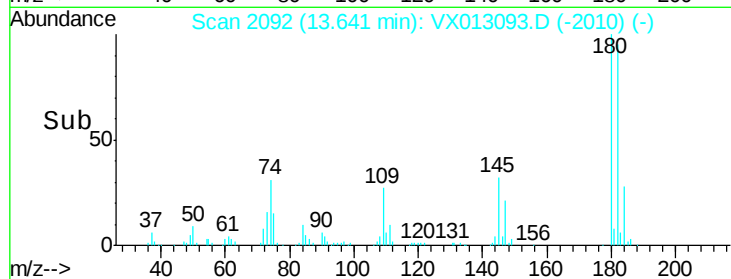
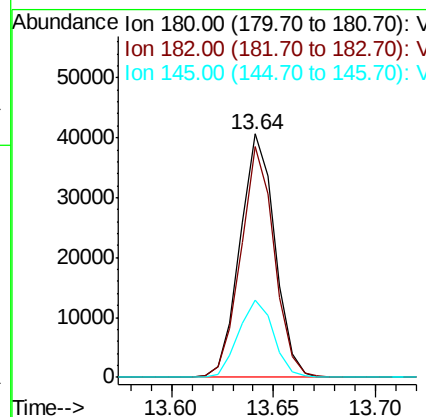
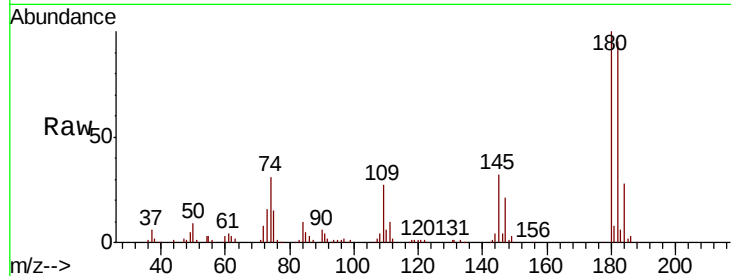
#89
1,2,4-Trichlorobenzene
Concen: 18.920 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.2	74.8	112.2
145	32.0	26.2	39.2

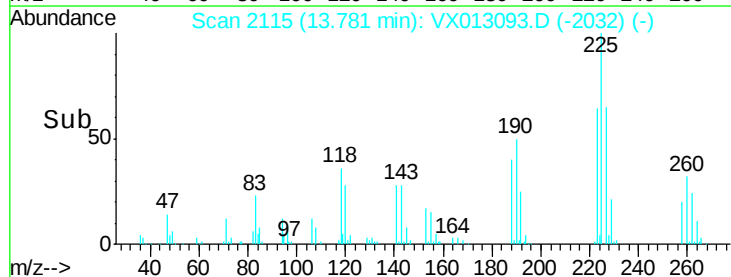
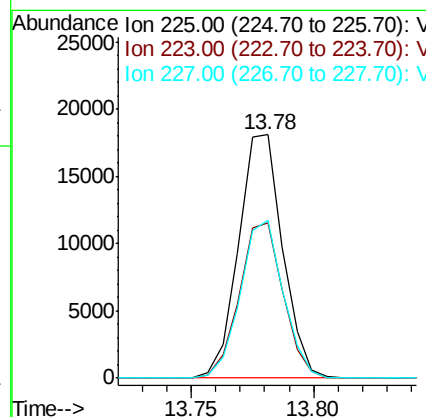
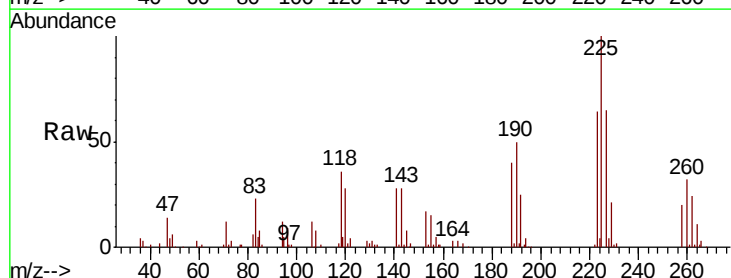
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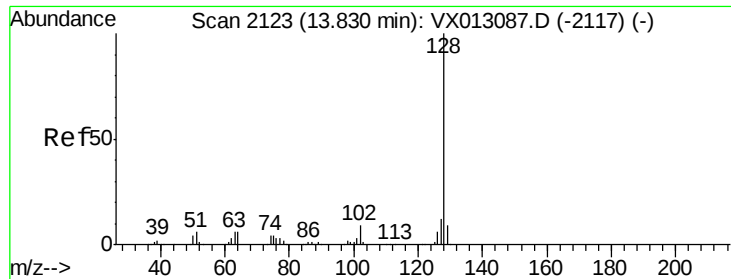
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#90
Hexachlorobutadiene
Concen: 18.852 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	132.2
227	62.9	0.0	124.2





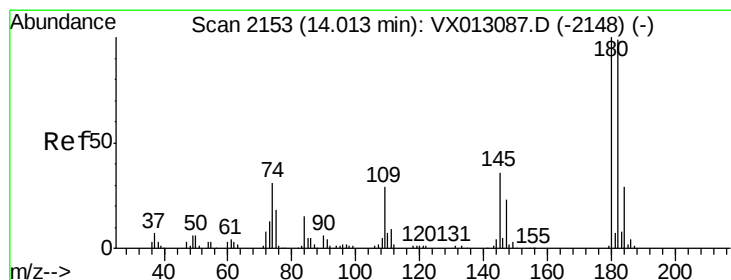
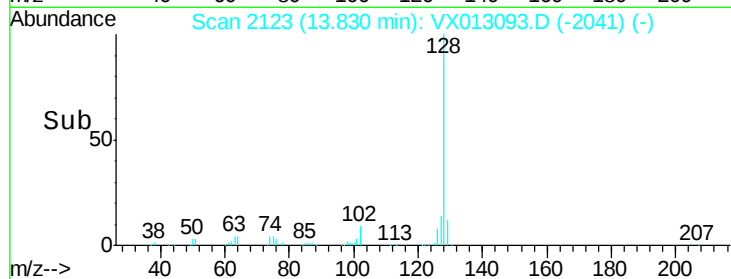
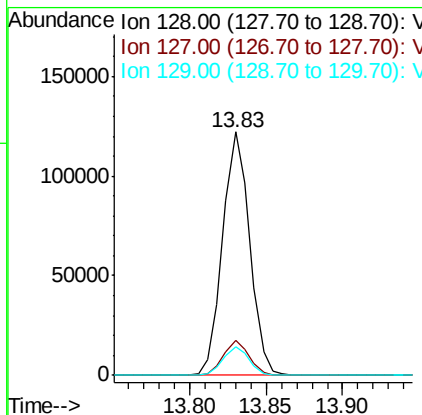
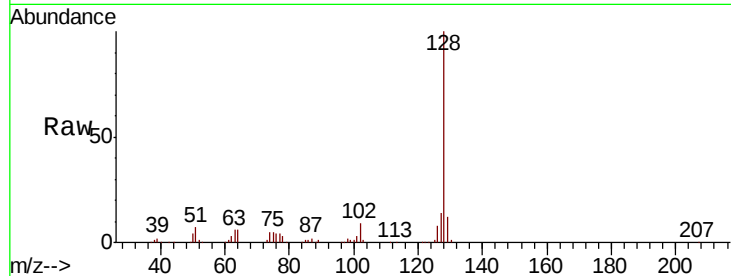
#91
Naphthalene
Concen: 17.329 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1016WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.0	15.0
129	11.6	8.0	12.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.158 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013093.D
Acq: 16 Oct 2019 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	195.2
145	34.4	0.0	69.8

