

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013521.D
 Acq On : 22 Nov 2019 10:02
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:40:39 AM

Quant Time: Nov 22 14:13:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	129293	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	730760	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	646204	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	272498	28.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.13%
60) 4-Bromofluorobenzene	11.13	95	312393	30.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.27%
63) Toluene-d8	8.71	98	894388	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	187034	19.307	ug/l 99
3) Chloromethane	1.32	50	195406	18.508	ug/l 99
4) Vinyl Chloride	1.40	62	228503	19.047	ug/l 100
5) Bromomethane	1.63	94	121953	16.910	ug/l 98
6) Chloroethane	1.72	64	119532	18.126	ug/l 98
7) Trichlorofluoromethane	1.92	101	244453	18.928	ug/l 96
8) Diethyl Ether	2.17	74	110744	18.780	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155205	19.974	ug/l 99
10) 1,1-Dichloroethene	2.36	96	149860	18.767	ug/l 97
11) Methyl Iodide	2.50	142	153415	15.560	ug/l 100
12) Methyl Acetate	2.76	43	256497	18.331	ug/l 98
13) Acrolein	2.28	56	123459	83.065	ug/l 99
14) Acrylonitrile	3.12	53	454765	88.385	ug/l 97
15) Acetone	2.43	58	155117	99.540	ug/l 95
16) Carbon Disulfide	2.56	76	406151	18.236	ug/l 100
17) Allyl chloride	2.72	41	270231	18.377	ug/l 96
18) Methylene Chloride	2.84	84	167619	18.501	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	162368	19.026	ug/l 98
20) Diisopropyl ether	3.84	45	532825	18.834	ug/l 91
21) 1,1-Dichloroethane	3.69	63	286504	18.593	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	186085	19.126	ug/l 97
23) tert-Butyl Alcohol	3.02	59	207346	83.737	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	491584	18.601	ug/l 100
25) Chloroform	5.20	83	283224	18.778	ug/l 96
26) Cyclohexane	5.56	56	265945	19.005	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	217316	19.470	ug/l 99
30) 2-Butanone	4.65	43	707160	95.987	ug/l 99
31) 2,2-Dichloropropane	4.57	77	238972	19.770	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	236958	19.100	ug/l 99
33) Carbon Tetrachloride	5.77	117	204658	18.992	ug/l 99
34) Benzene	6.13	78	656161	19.381	ug/l 99
35) Methacrylonitrile	5.03	41	138275	18.795	ug/l 97
36) 1,2-Dichloroethane	6.18	62	222387	18.767	ug/l 100
37) Trichloroethene	7.20	130	181314	19.991	ug/l 96
38) Methylcyclohexane	7.45	83	274370	20.048	ug/l 99
39) 1,2-Dichloropropane	7.50	63	166070	18.971	ug/l 98
40) Dibromomethane	7.65	93	109156	18.737	ug/l 98

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

41) Bromodichloromethane	7.89	83	216364	19.025	ug/l	96
42) Vinyl Acetate	3.80	43	2204779	95.055	ug/l	100
43) Ethyl Acetate	4.81	43	248732	18.511	ug/l #	83
44) Isopropyl Acetate	6.43	43	398632	18.456	ug/l	98
45) 1,4-Dioxane	7.73	88	83533	350.297	ug/l	98
46) Methyl methacrylate	7.76	41	197222	18.357	ug/l	98
47) n-amyl Acetate	10.89	43	341343	18.017	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	238582	18.709	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	264599	18.936	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	171017	19.838	ug/l	95
51) Ethyl methacrylate	9.17	69	266457	18.773	ug/l	97
52) 1,3-Dichloropropane	9.36	76	282073	19.140	ug/l	99
53) Dibromochloromethane	9.57	129	170451	18.656	ug/l	99
54) 1,2-Dibromoethane	9.67	107	175465	19.035	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	538172	88.738	ug/l	99
56) Bromoform	10.85	173	130809	17.990	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	1262721	93.539	ug/l	99
59) 2-Hexanone	9.48	43	1006233	94.207	ug/l	99
61) Tetrachloroethene	9.33	164	162815	20.432	ug/l	98
62) Toluene	8.78	91	708063	19.671	ug/l	100
64) Chlorobenzene	10.14	112	440789	19.585	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	163556	19.414	ug/l	98
66) Ethyl Benzene	10.25	91	780000	19.725	ug/l	100
67) m/p-Xylenes	10.35	106	594407	38.968	ug/l	98
68) o-Xylene	10.70	106	292280	19.855	ug/l	96
69) Styrene	10.71	104	487633	19.399	ug/l	99
70) Isopropylbenzene	11.01	105	772246	19.908	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	264082	19.014	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	214929m	18.327	ug/l	
73) Bromobenzene	11.25	156	199778	19.529	ug/l	98
74) n-propylbenzene	11.35	91	876813	19.890	ug/l	100
75) 2-Chlorotoluene	11.42	91	518282	19.771	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	649399	19.917	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	84400	17.799	ug/l	99
78) 4-Chlorotoluene	11.51	91	582509	19.395	ug/l	100
79) tert-butylbenzene	11.76	119	635022	19.303	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	641466	19.742	ug/l	100
81) sec-Butylbenzene	11.94	105	745918	19.873	ug/l	99
82) p-Isopropyltoluene	12.06	119	687440	19.879	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	346325	19.256	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	351921	19.713	ug/l	98
85) n-Butylbenzene	12.39	91	583537	19.551	ug/l	99
86) Hexachloroethane	12.59	117	119806	18.879	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	347964	19.349	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	55347	17.819	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	236511	19.074	ug/l	97
90) Hexachlorobutadiene	13.78	225	114676	19.299	ug/l	95
91) Naphthalene	13.83	128	735329	18.729	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	242741	19.371	ug/l	99

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VSTDCCC020

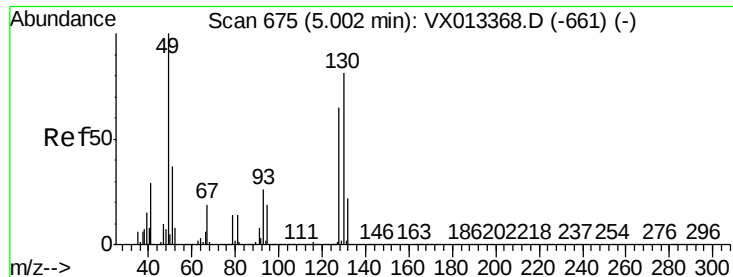
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

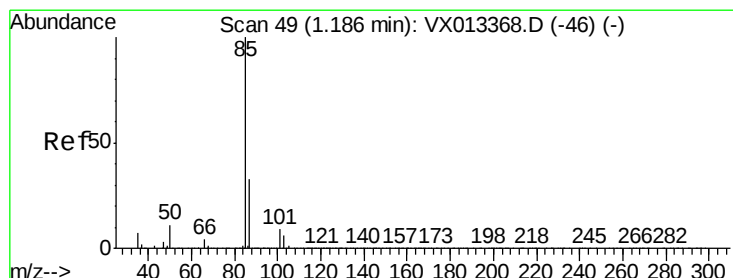
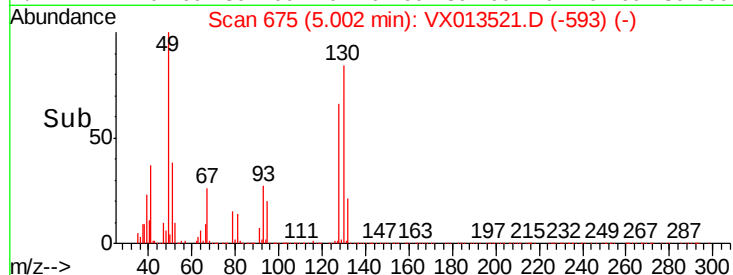
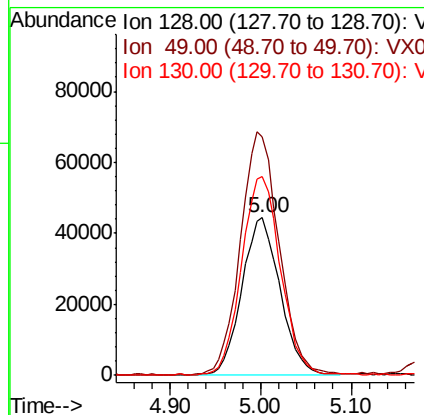
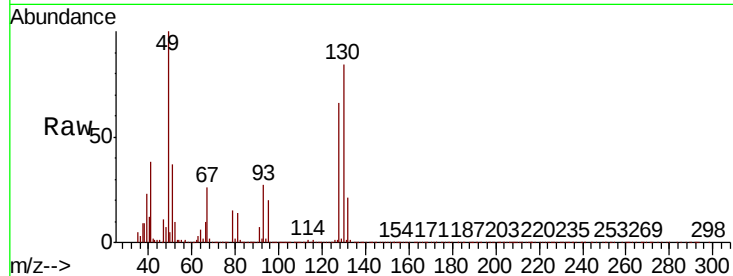
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	129293		
49	155.6	0.0	388.3	
130	127.9	0.0	318.5	

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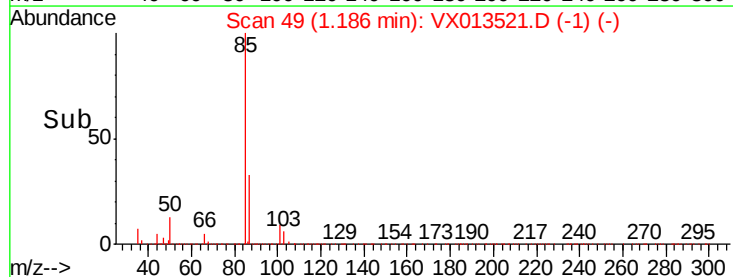
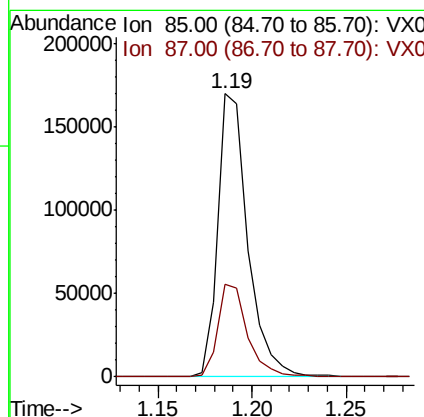
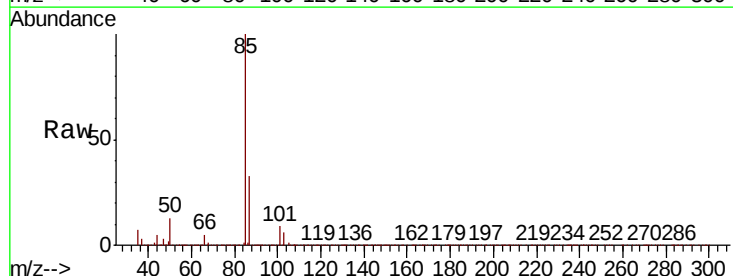
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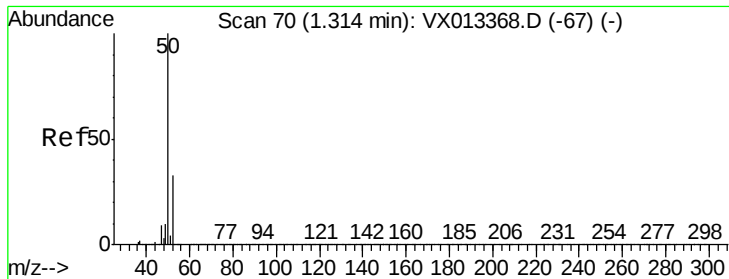


#2

Dichlorodifluoromethane
Concen: 19.307 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	187034		
87	32.8	16.6	49.7	





#3

Chloromethane

Concen: 18.508 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 195406

Ion Ratio Lower Upper

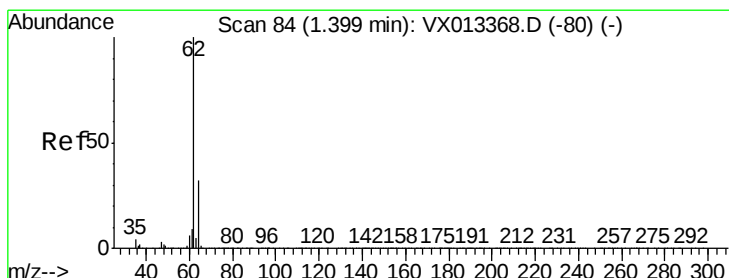
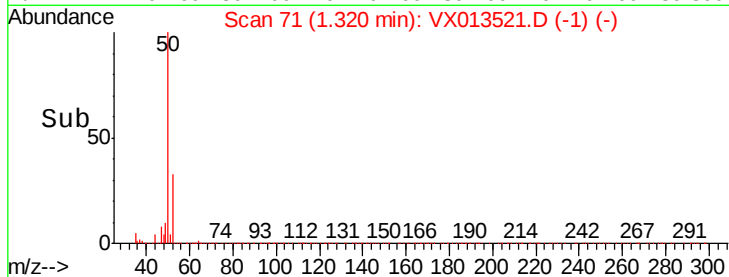
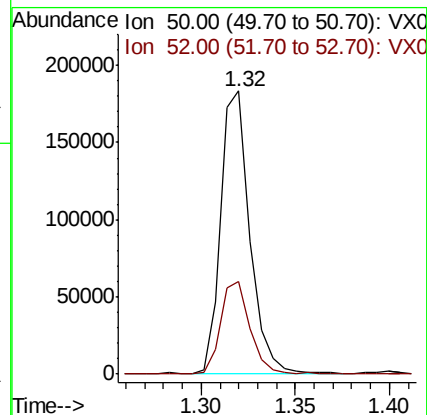
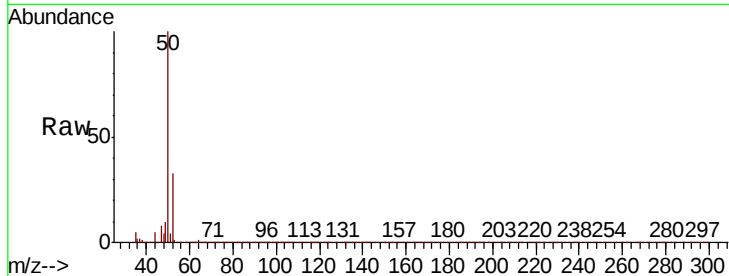
50 100

52 32.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 19.047 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013521.D

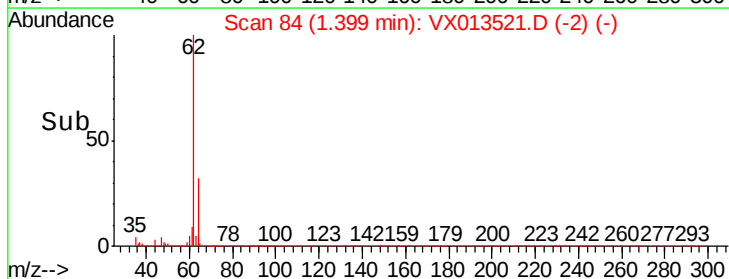
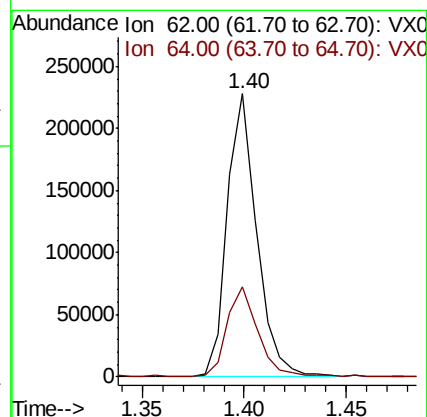
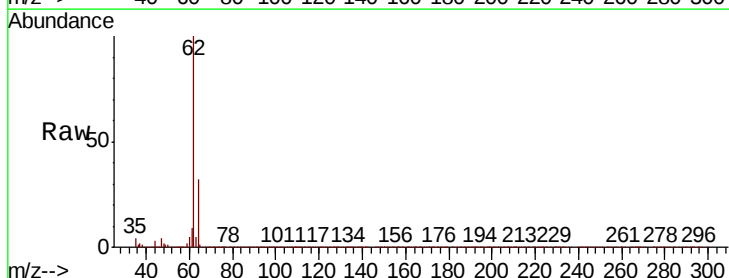
Acq: 22 Nov 2019 10:02

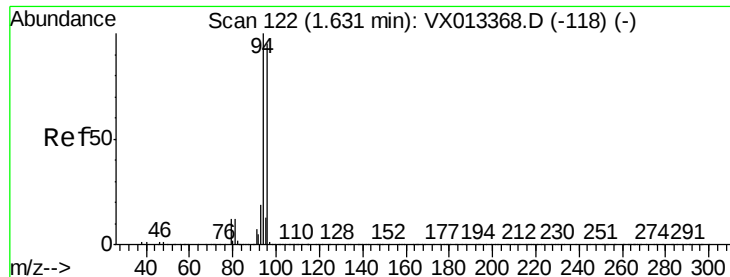
Tgt Ion: 62 Resp: 228503

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 16.910 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 121953

Ion Ratio Lower Upper

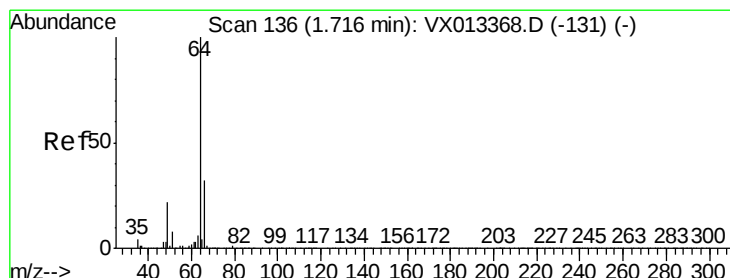
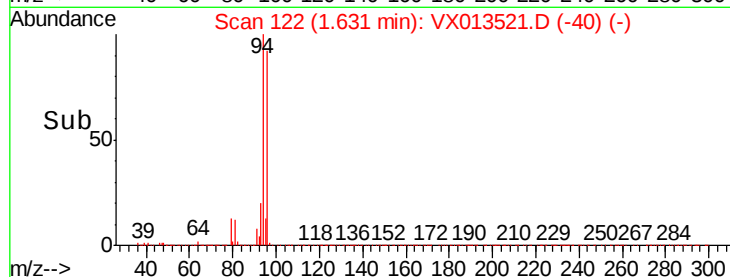
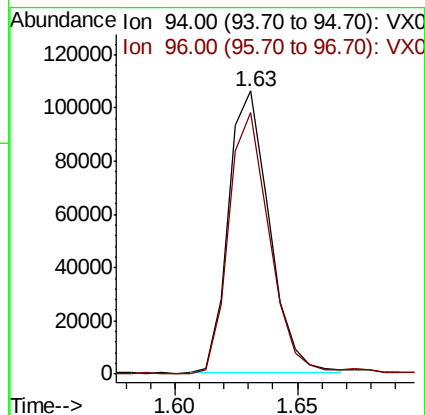
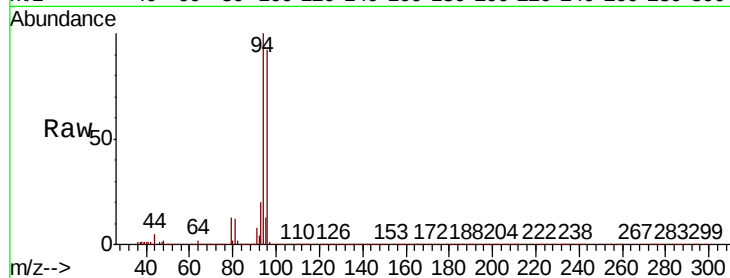
94 100

96 92.7 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 18.126 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013521.D

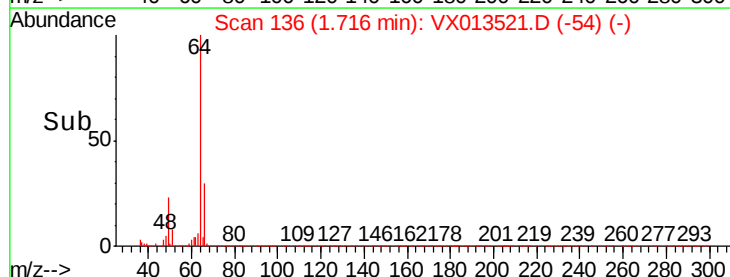
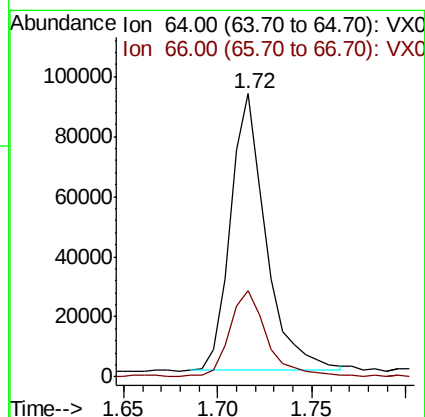
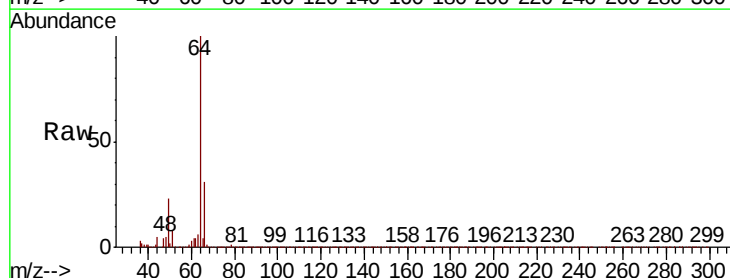
Acq: 22 Nov 2019 10:02

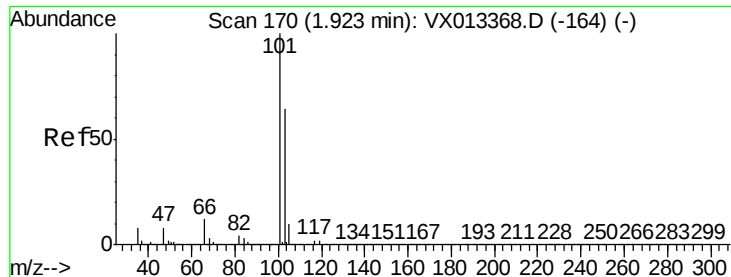
Tgt Ion: 64 Resp: 119532

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

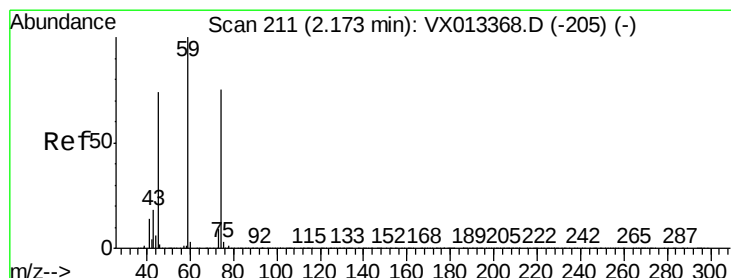
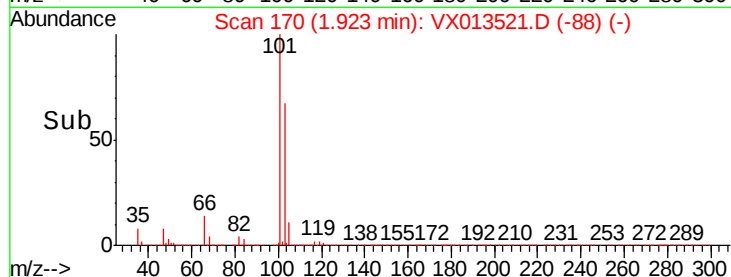
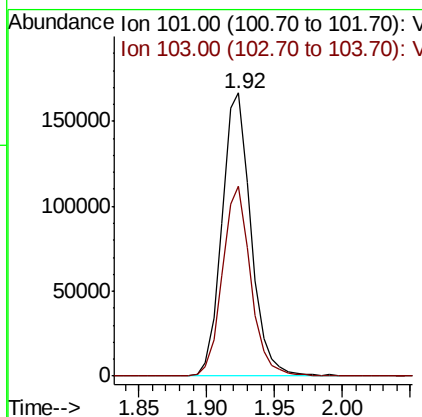
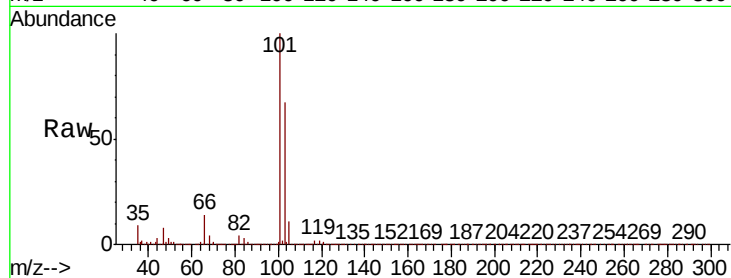
Trichlorofluoromethane
Concen: 18.928 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.2	76.8

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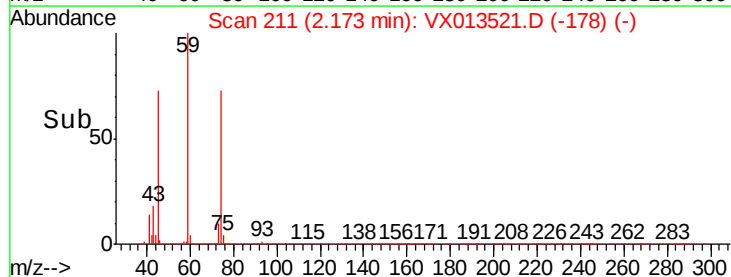
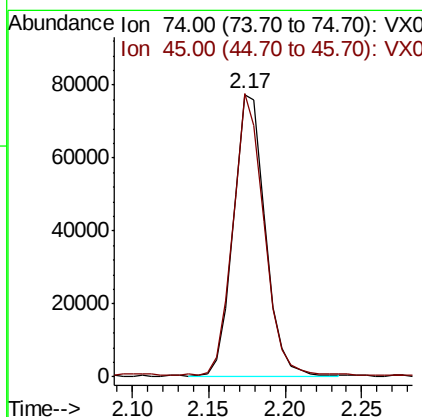
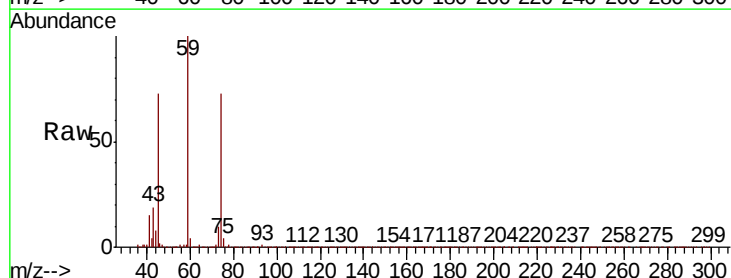
MMDadoda
11/25/2019 10:40:39 AM

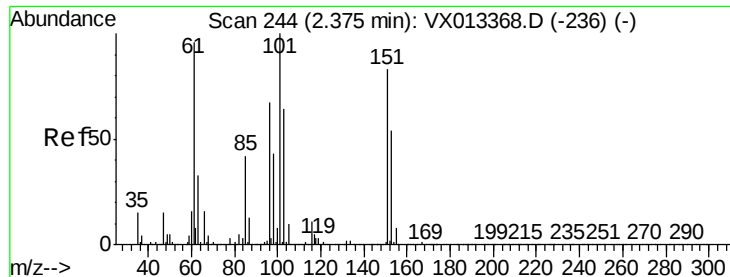


#8

Diethyl Ether
Concen: 18.780 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.974 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

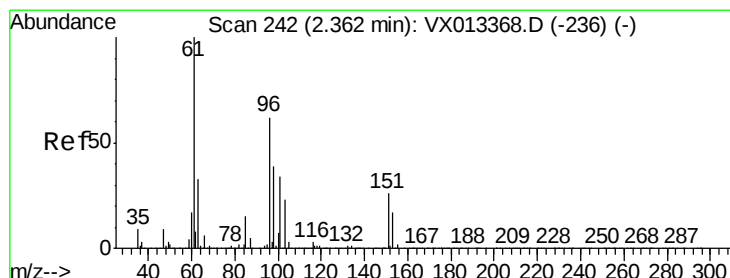
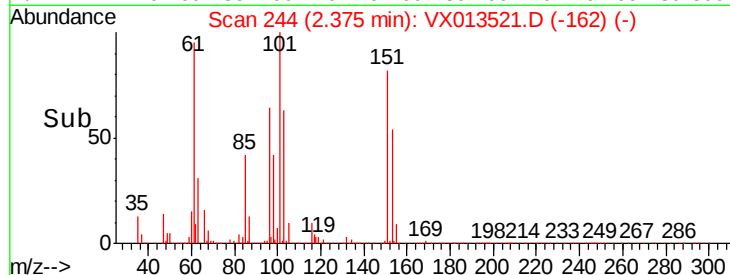
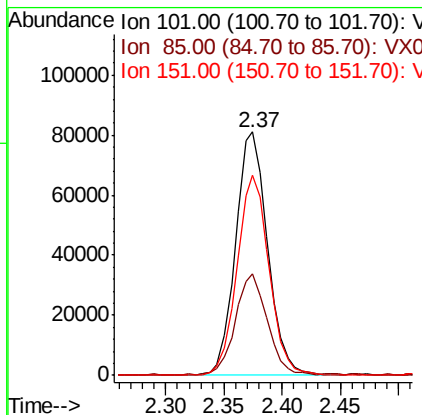
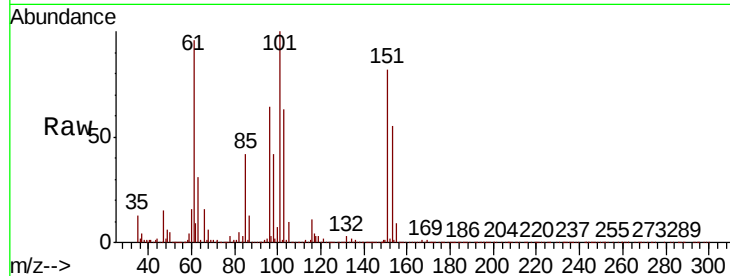
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	155205
Ion Ratio	Lower	Upper	
101	100		
85	40.7	0.0	83.2
151	82.0	0.0	163.8

Manual Integrations
APPROVED

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11/25/2019 10:40:39 AM



#10

1,1-Dichloroethene

Concen: 18.767 ug/l

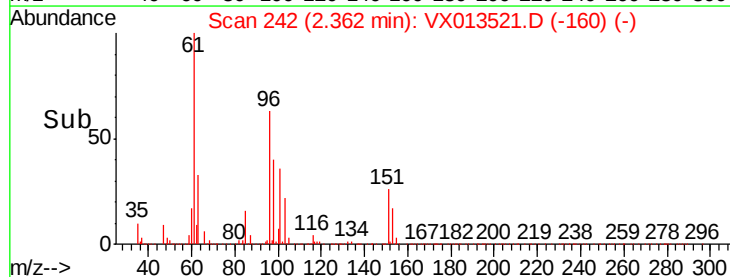
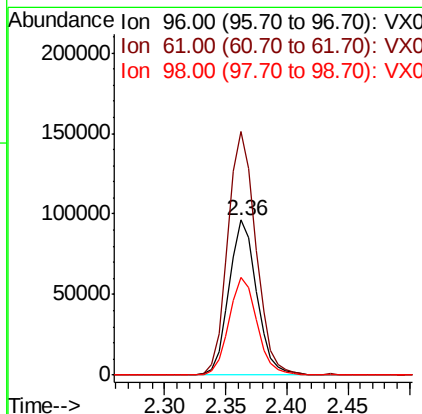
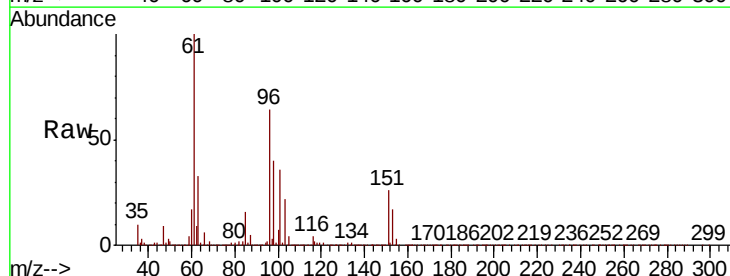
RT: 2.36 min Scan# 242

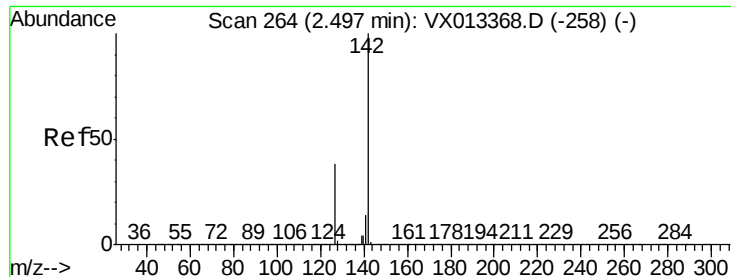
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	96	Resp:	149860
Ion Ratio	Lower	Upper	
96	100		
61	157.2	128.9	193.3
98	63.5	49.7	74.5





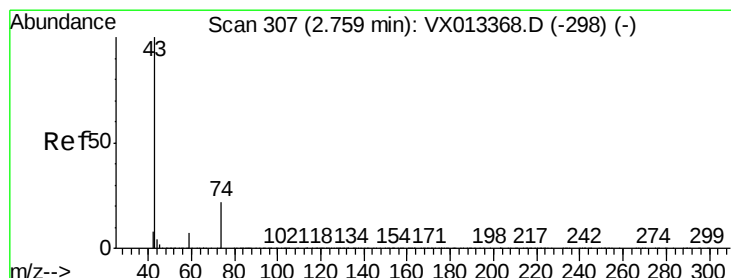
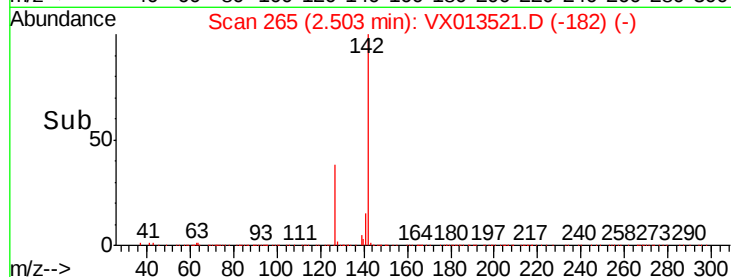
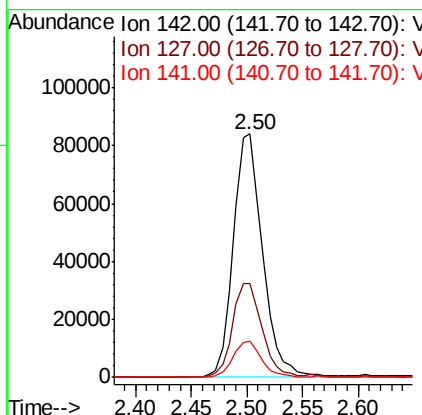
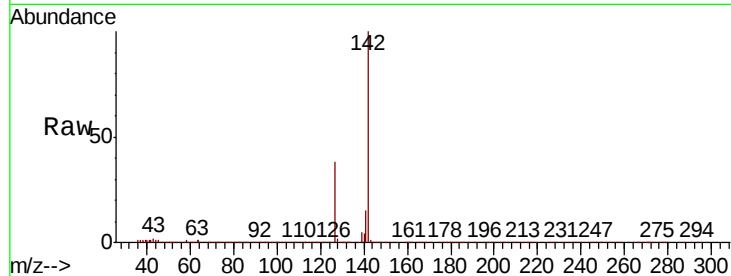
#11
Methyl Iodide
Concen: 15.560 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.3	19.1	57.5
141	14.5	7.0	21.0

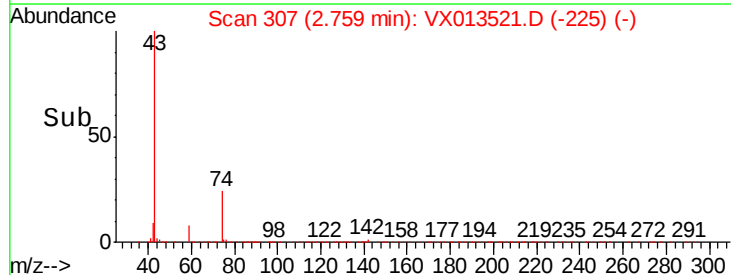
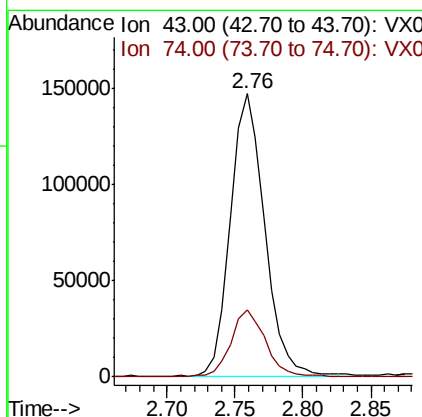
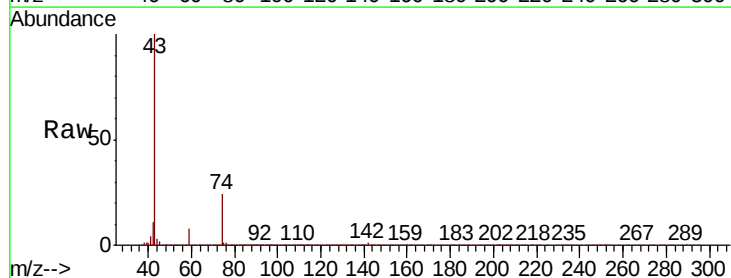
Manual Integrations
APPROVED

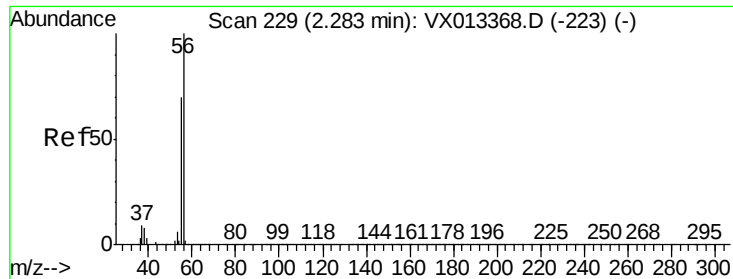
MMDadoda
11/25/2019 10:40:39 AM



#12
Methyl Acetate
Concen: 18.331 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.0	27.0





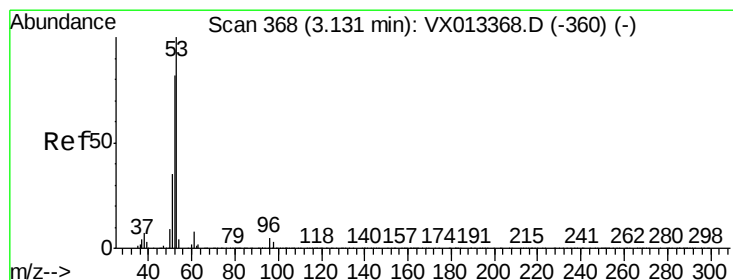
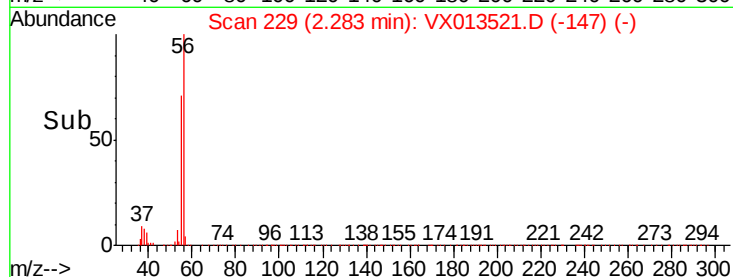
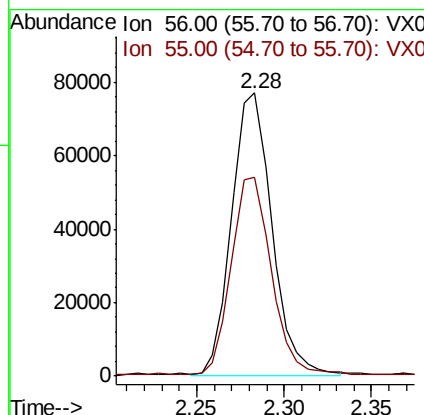
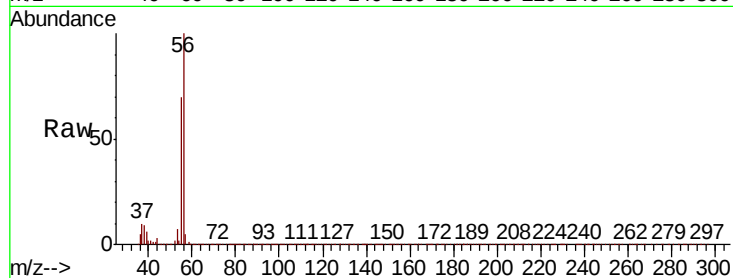
#13
Acrolein
Concen: 83.065 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.8	55.8	83.8	

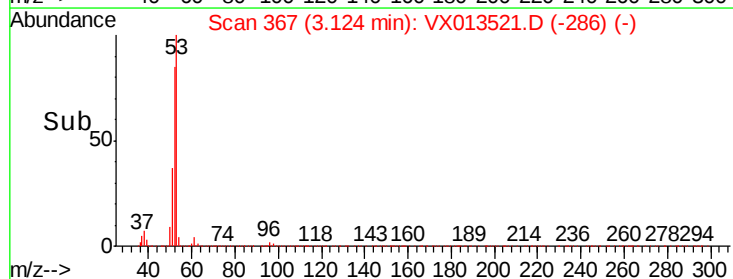
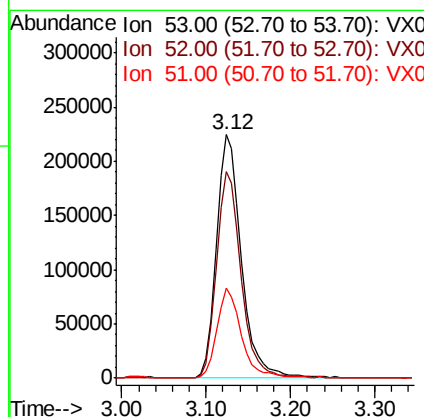
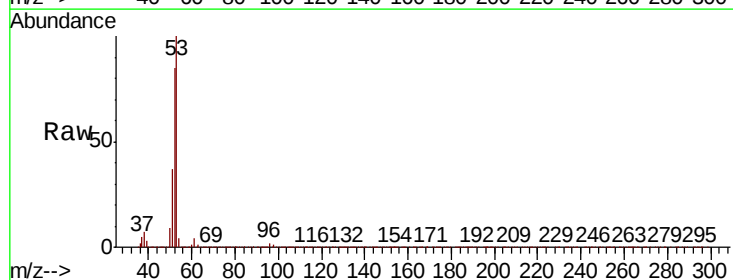
Manual Integrations
APPROVED

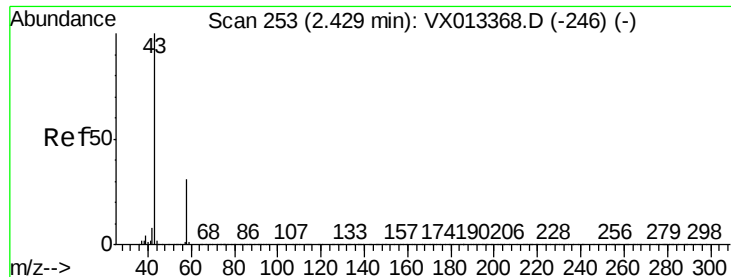
MMDadoda
11/25/2019 10:40:39 AM



#14
Acrylonitrile
Concen: 88.385 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	84.0	41.0	123.0	
51	36.5	17.3	51.9	





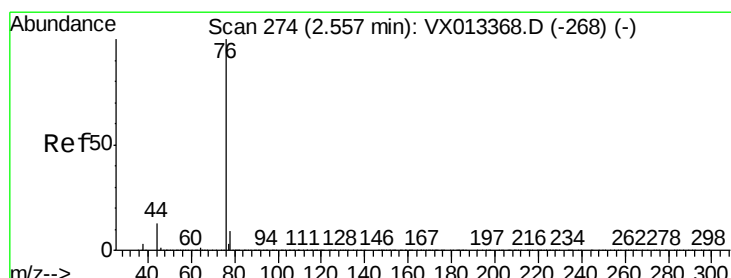
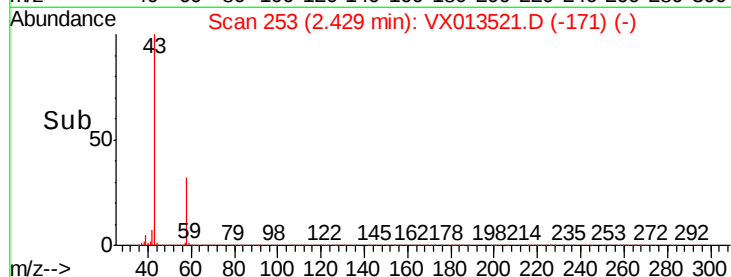
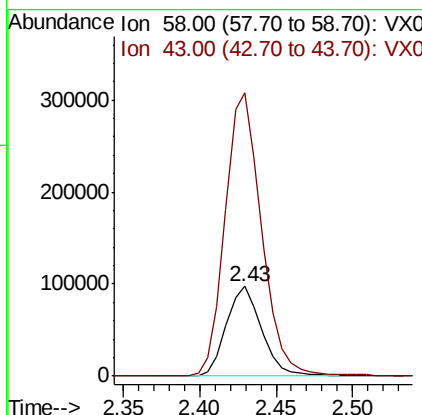
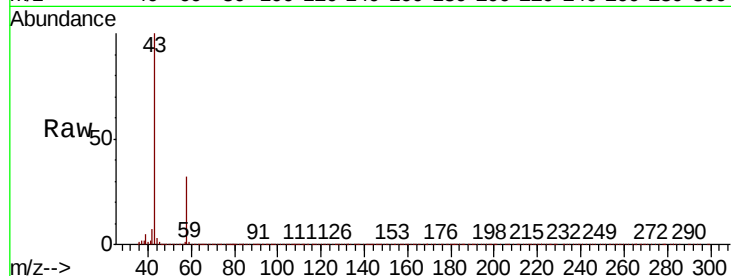
#15
Acetone
Concen: 99.540 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
58	100		
43	316.2	261.4	392.2

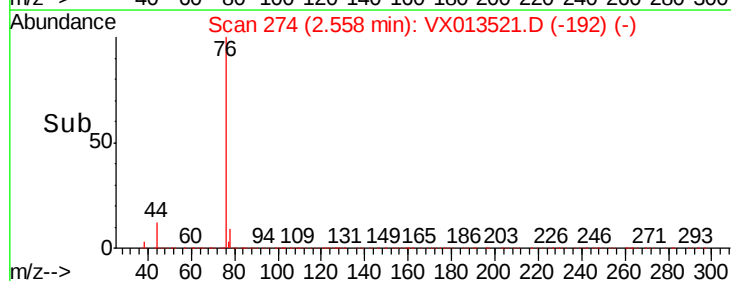
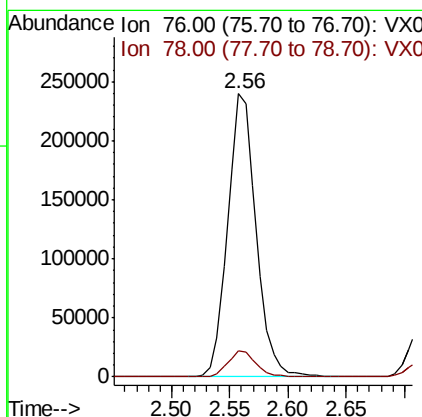
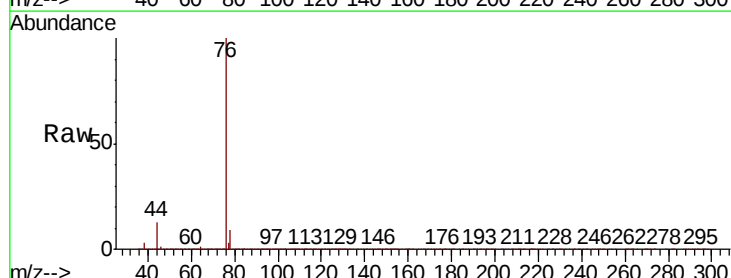
Manual Integrations
APPROVED

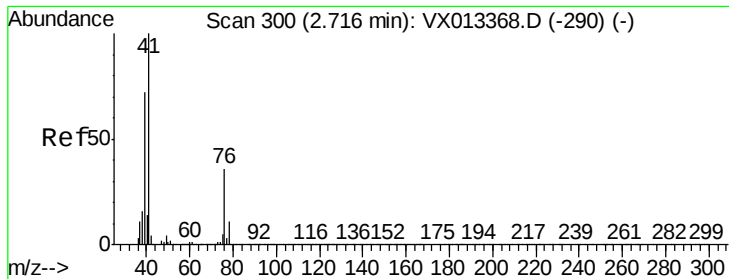
MMDadoda
11/25/2019 10:40:39 AM



#16
Carbon Disulfide
Concen: 18.236 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0





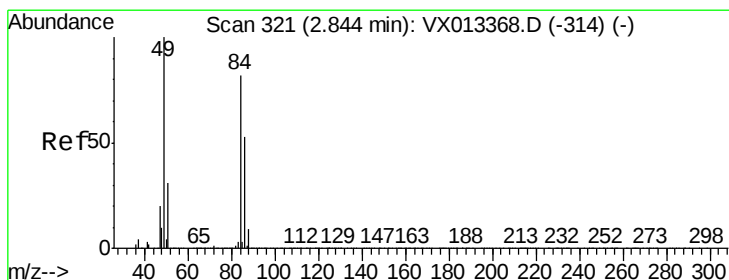
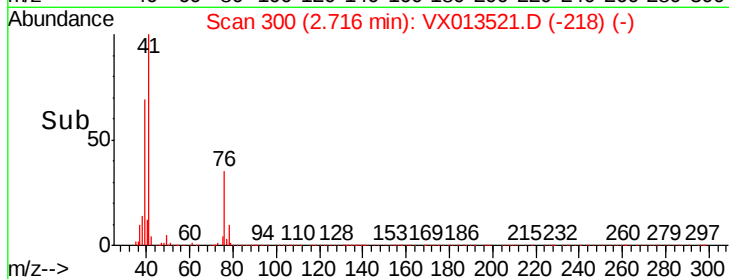
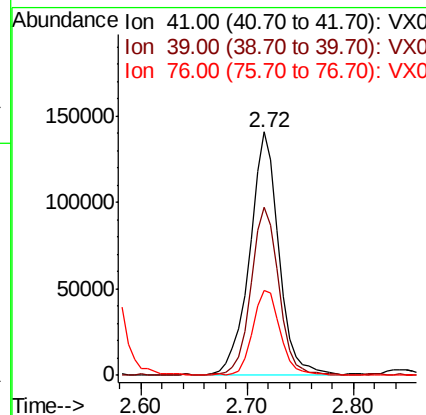
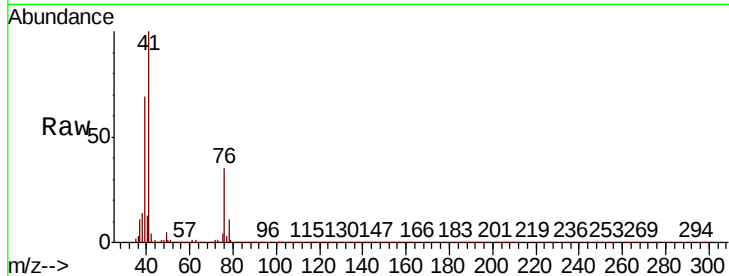
#17
Allvl chloride
Concen: 18.377 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.0	36.1	108.3
76	34.6	18.1	54.4

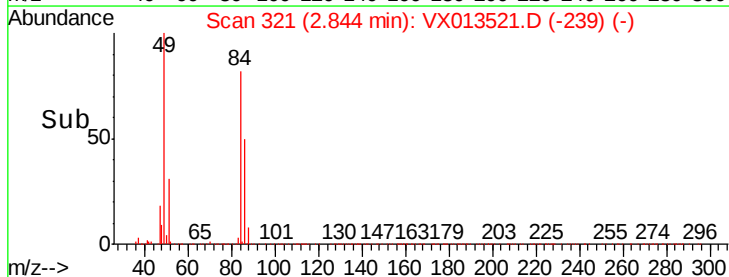
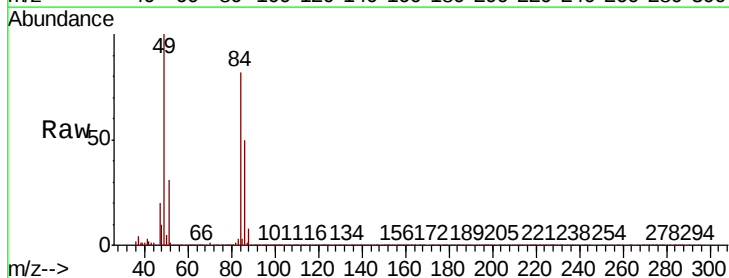
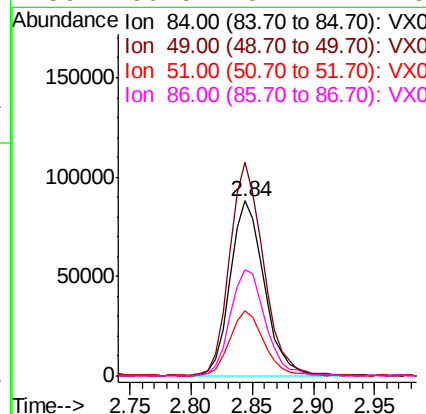
Manual Integrations
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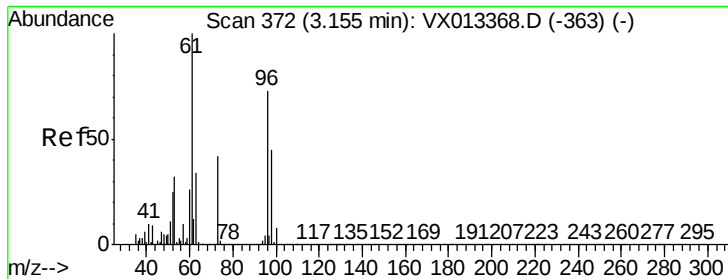
MMDadoda
11/25/2019 10:40:39 AM



#18
Methylene Chloride
Concen: 18.501 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	96.8	145.2
51	37.3	30.0	45.0
86	60.5	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.026 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

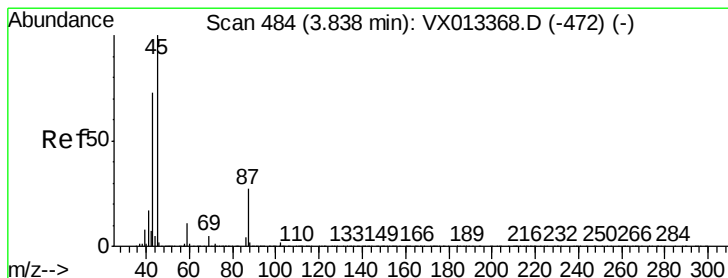
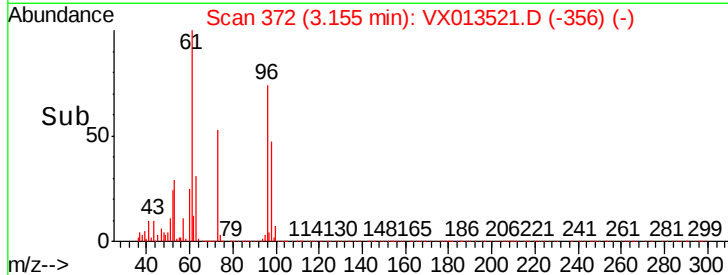
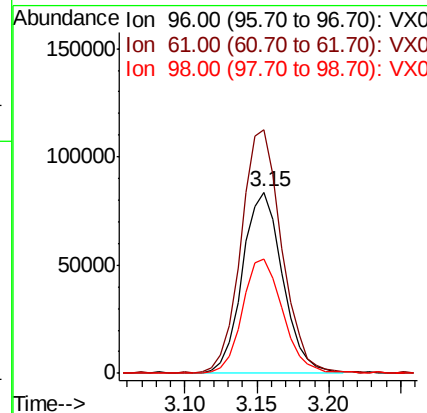
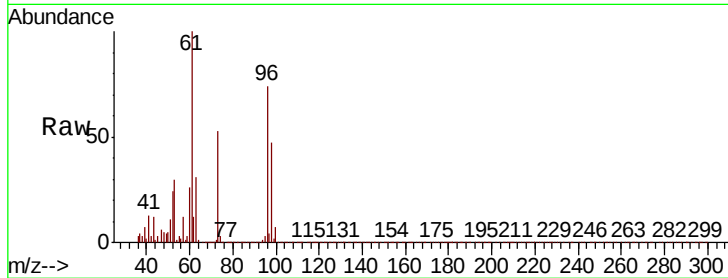
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	162368
Ion	Ratio	Lower	Upper
96	100		
61	134.0	109.9	164.9
98	62.8	49.7	74.5

Manual Integrations
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11/25/2019 10:40:39 AM



#20

Diisopropyl ether

Concen: 18.834 ug/l

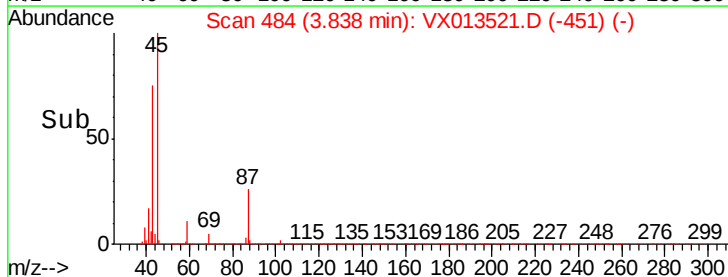
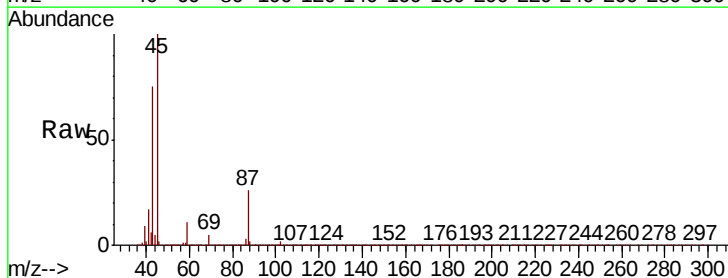
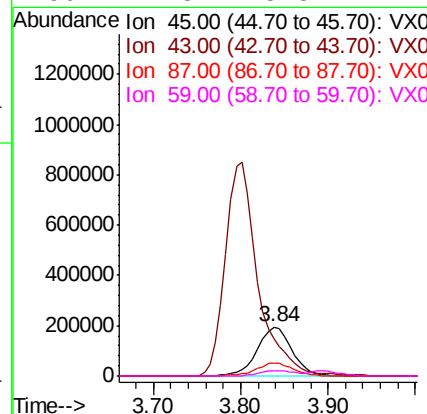
RT: 3.84 min Scan# 484

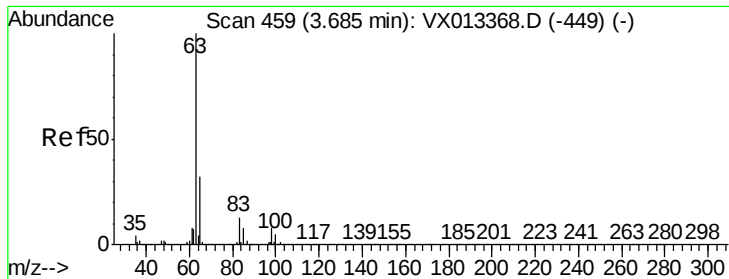
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	45	Resp:	532825
Ion	Ratio	Lower	Upper
45	100		
43	74.2	67.7	101.5
87	25.5	21.5	32.3
59	11.3	8.5	12.7





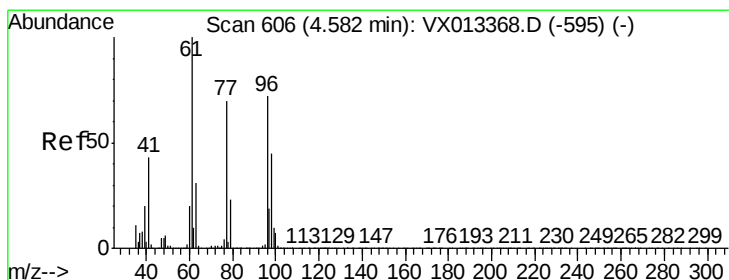
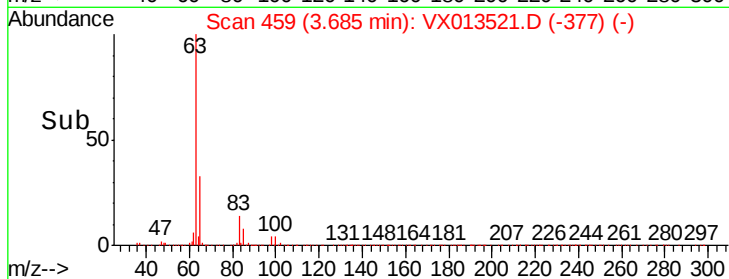
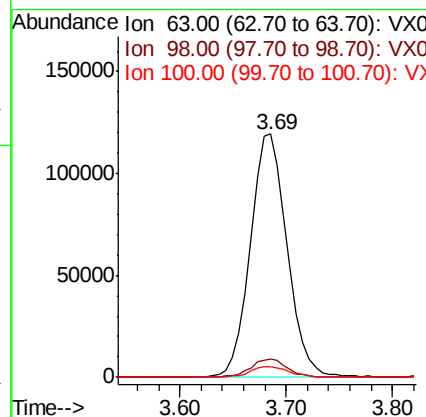
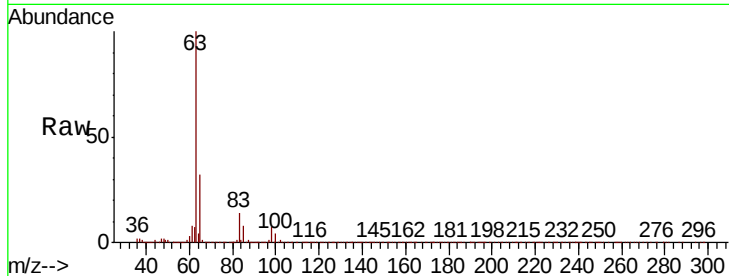
#21
1,1-Dichloroethane
Concen: 18.593 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	286504		
98	7.3	4.0	11.9	
100	4.4	2.5	7.5	

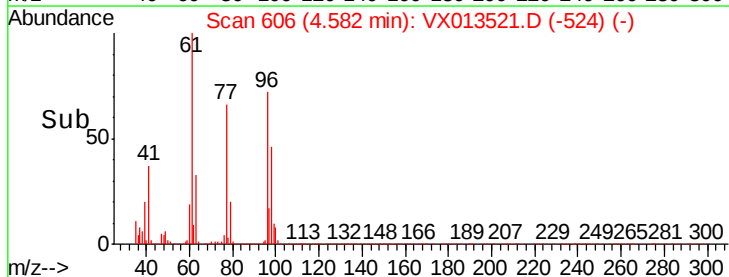
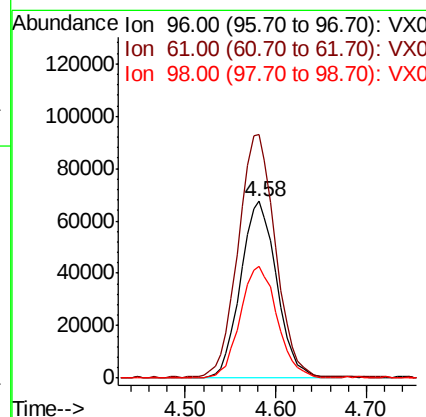
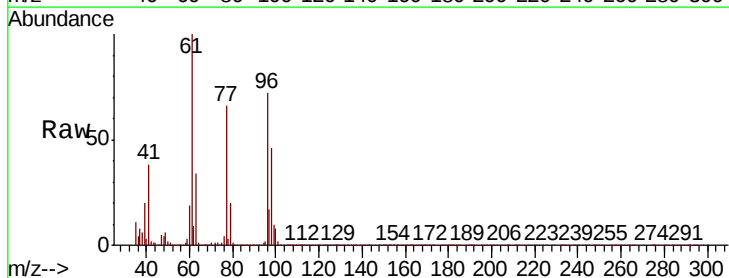
Manual Integrations
APPROVED

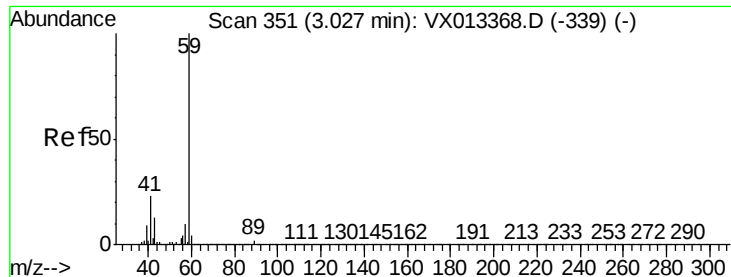
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 19.126 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	186085		
61	140.4	117.0	175.6	
98	64.1	51.1	76.7	





#23

tert-Butyl Alcohol

Concen: 83.737 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 59 Resp: 207346

Ion Ratio Lower Upper

59 100

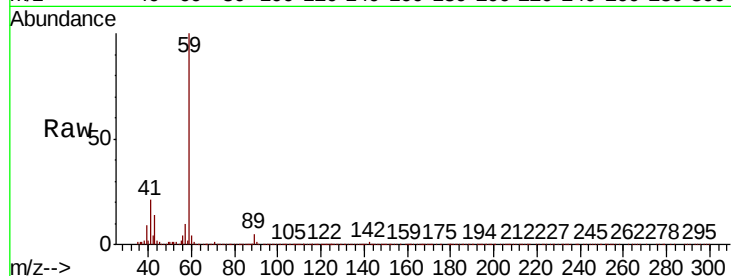
52 0.1 0.1 0.1

Manual Integrations

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Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

200000

150000

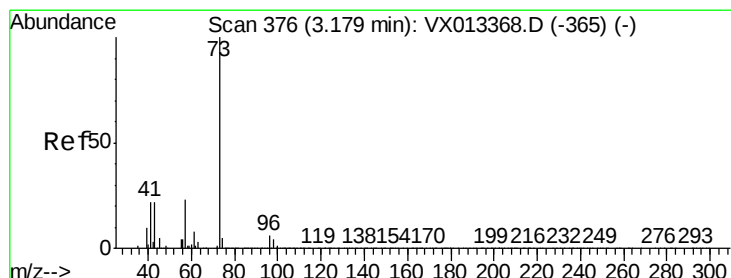
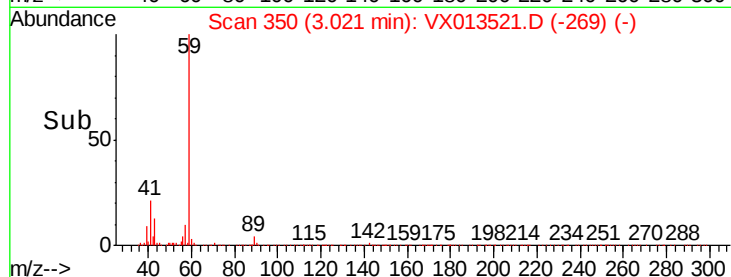
100000

50000

0

3.02

Time-->



#24

Methyl tert-Butyl Ether

Concen: 18.601 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013521.D

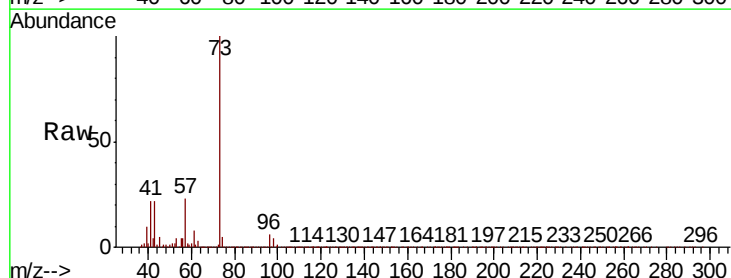
Acq: 22 Nov 2019 10:02

Tgt Ion: 73 Resp: 491584

Ion Ratio Lower Upper

73 100

43 21.5 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

250000

200000

150000

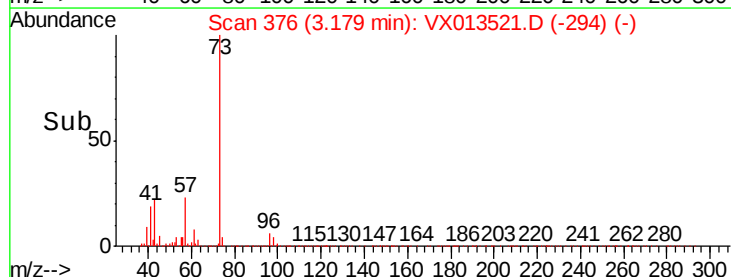
100000

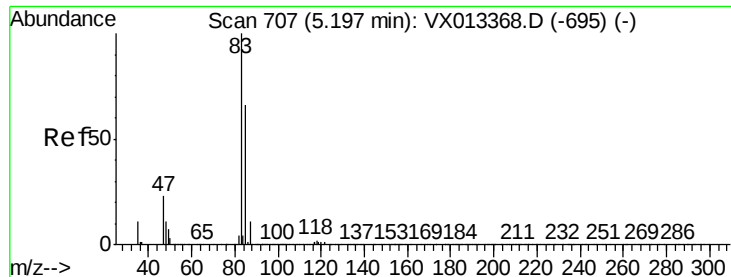
50000

0

3.18

Time-->





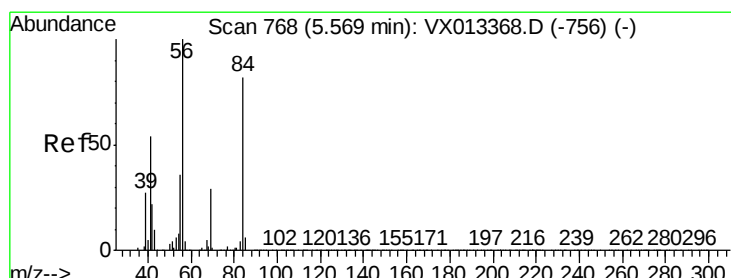
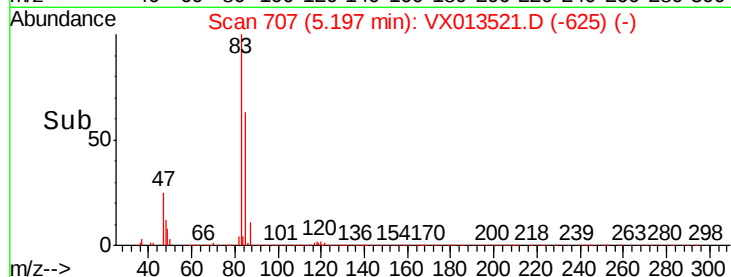
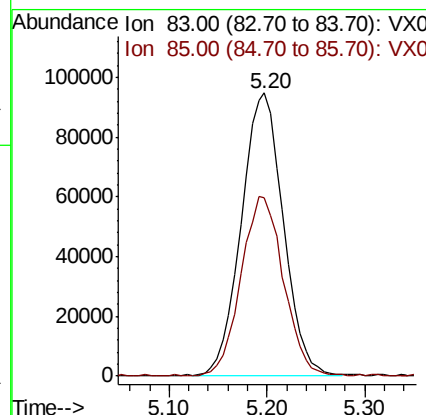
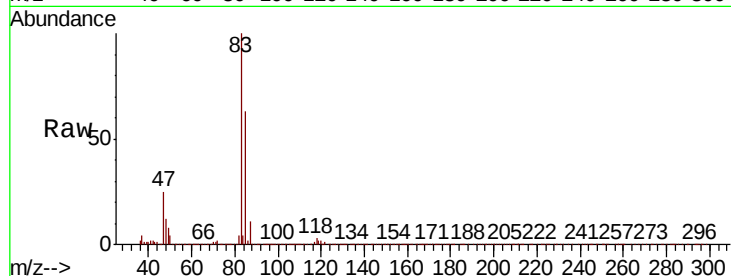
#25
Chloroform
Concen: 18.778 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.4	78.6

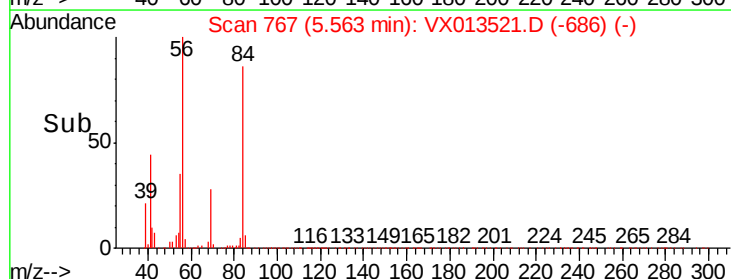
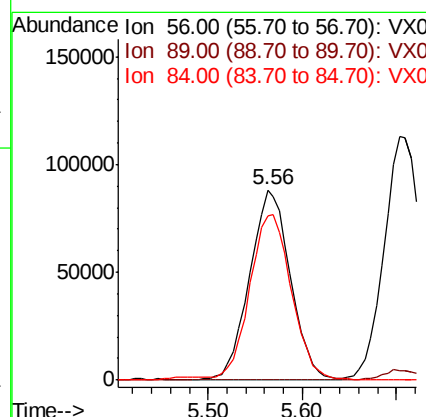
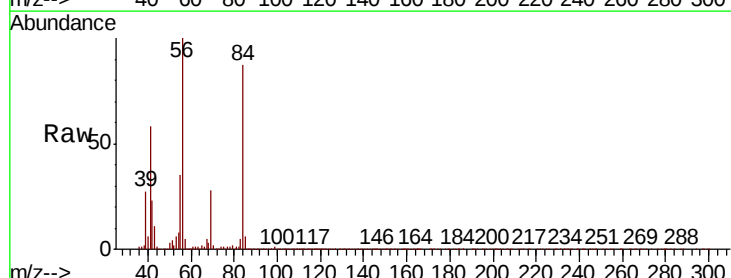
Manual Integrations
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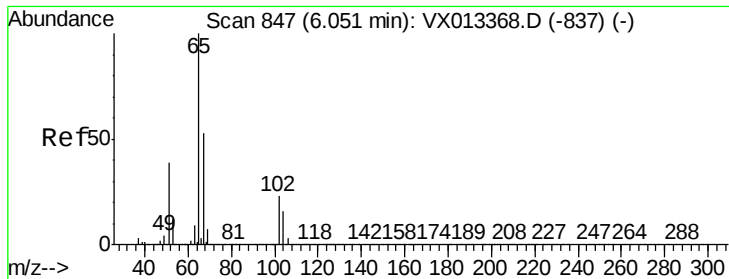
MMDadoda
11/25/2019 10:40:39 AM



#26
Cyclohexane
Concen: 19.005 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.2	0.0	0.0#
84	89.6	70.5	105.7





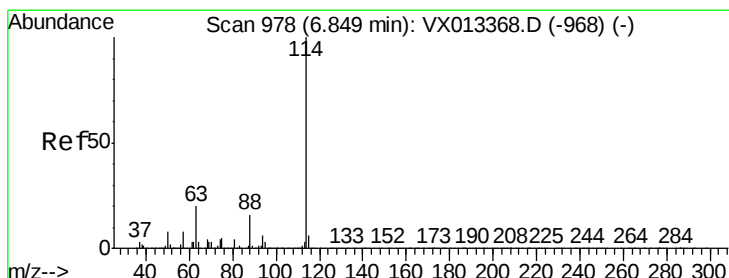
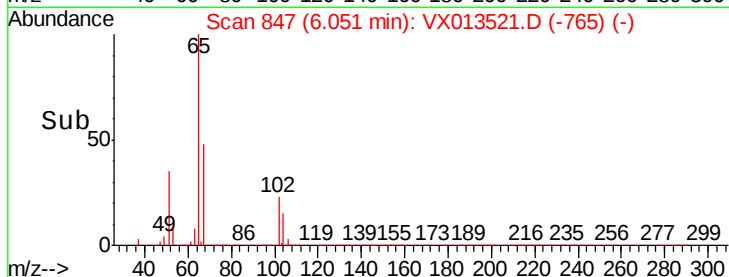
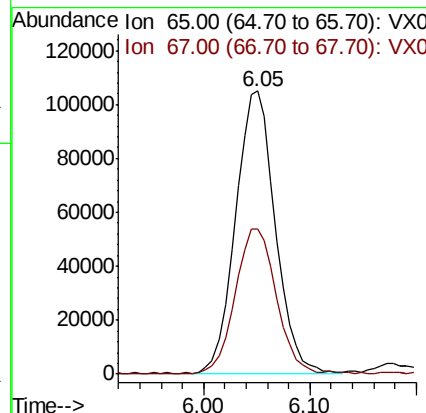
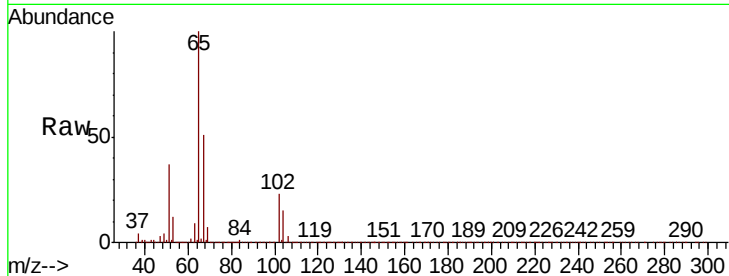
#27
 1,2-Dichloroethane-d4
 Concen: 28.542 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	41.0	61.6

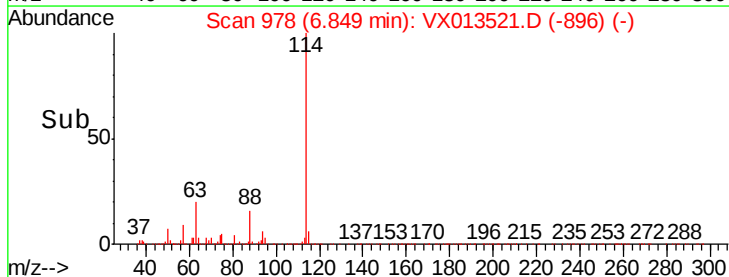
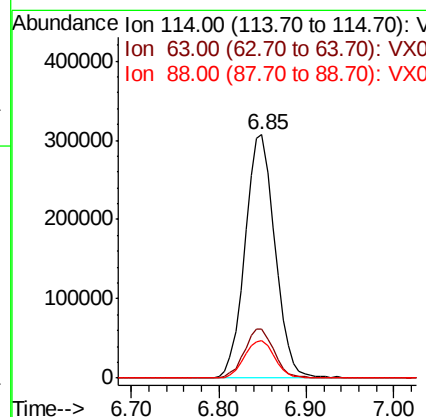
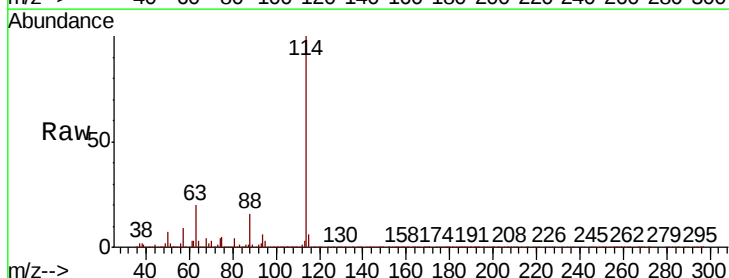
Manual Integrations
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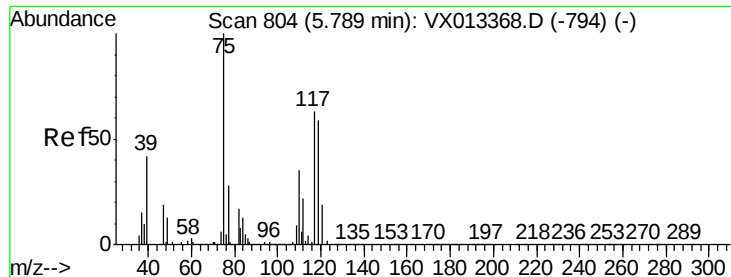
MMDadoda
 11/25/2019 10:40:39 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.5	12.3	18.5





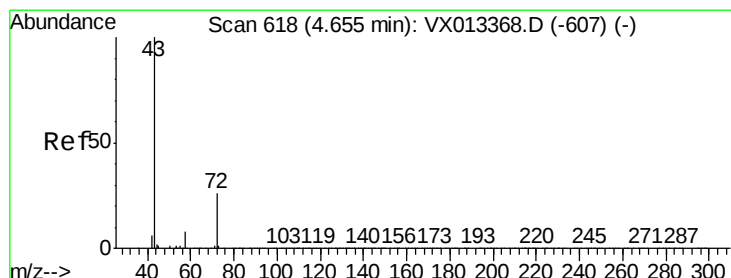
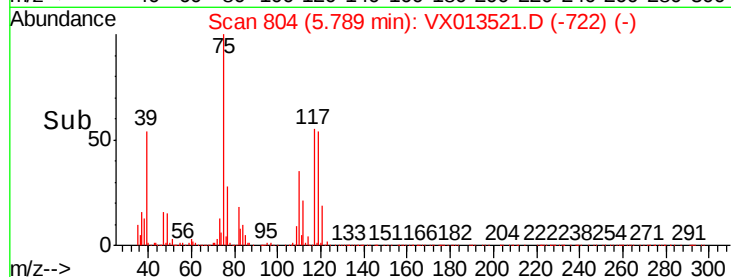
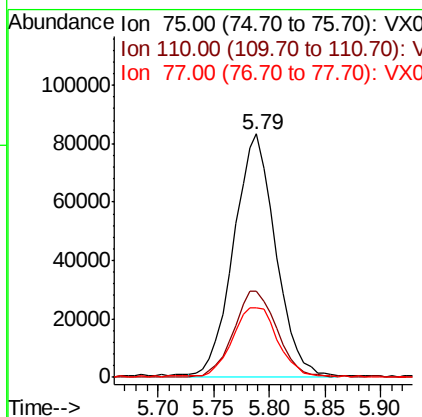
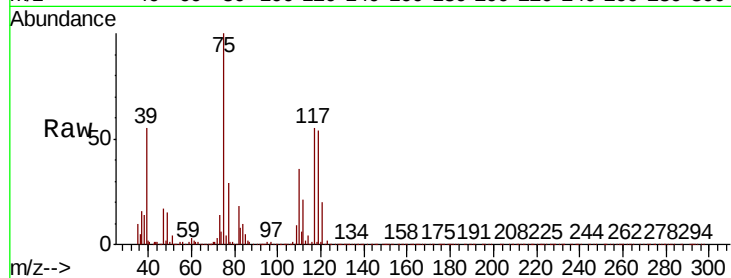
#29
 1,1-Dichloropropene
 Concen: 19.470 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.8	0.0	74.6
77	30.5	0.0	62.6

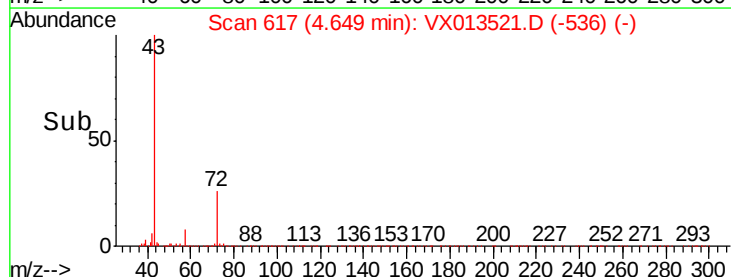
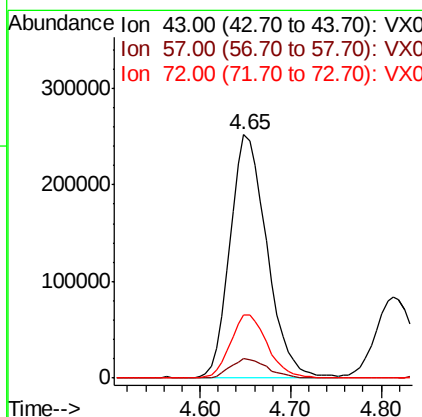
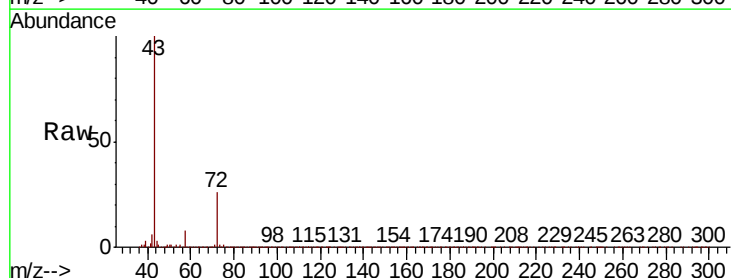
Manual Integrations
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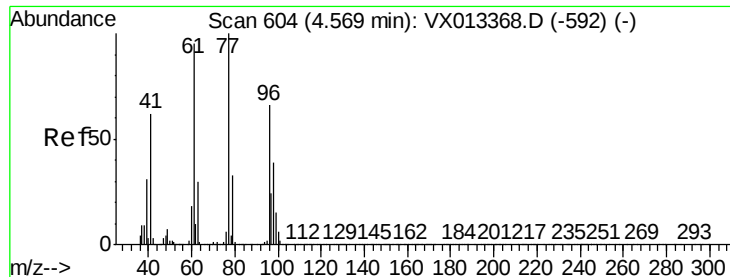
MMDadoda
 11/25/2019 10:40:39 AM



#30
 2-Butanone
 Concen: 95.987 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.1	9.1
72	25.4	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.770 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 238972

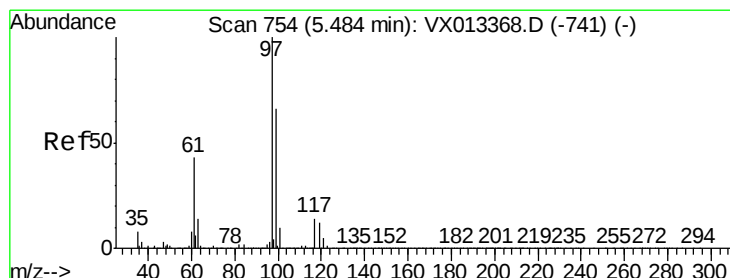
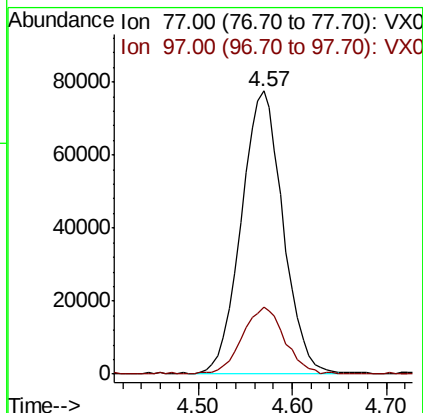
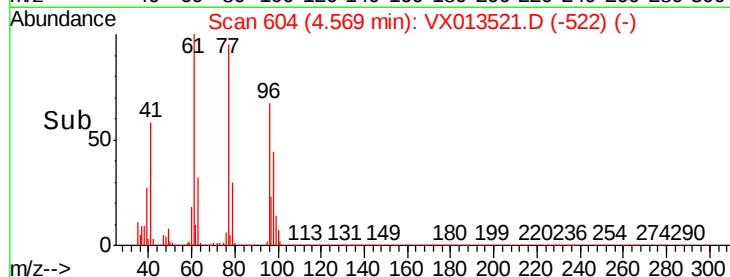
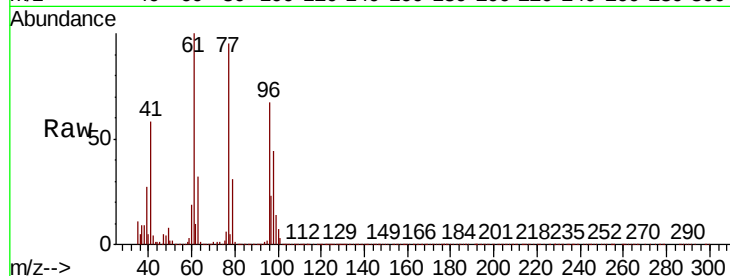
Ion Ratio Lower Upper

77 100

97 23.8 19.2 28.8

Manual Integrations
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MMDadoda
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#32

1,1,1-Trichloroethane

Concen: 19.100 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

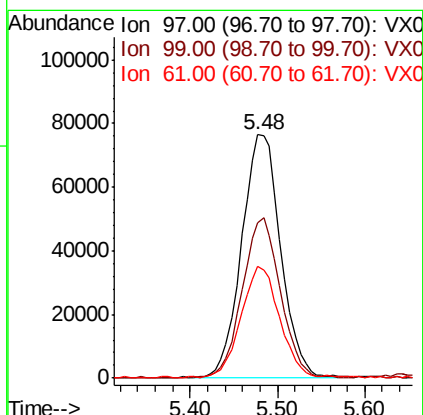
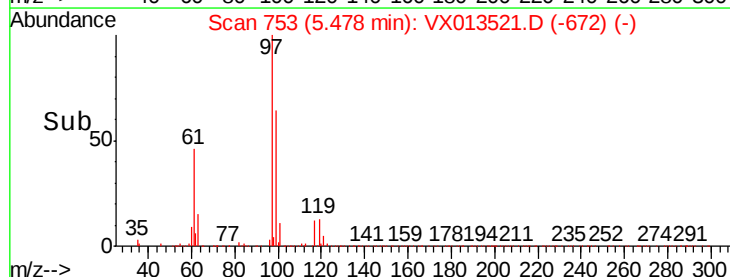
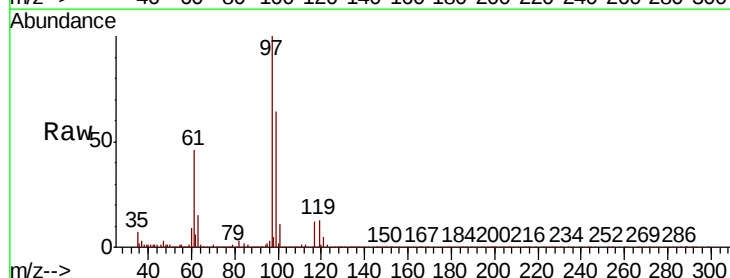
Tgt Ion: 97 Resp: 236958

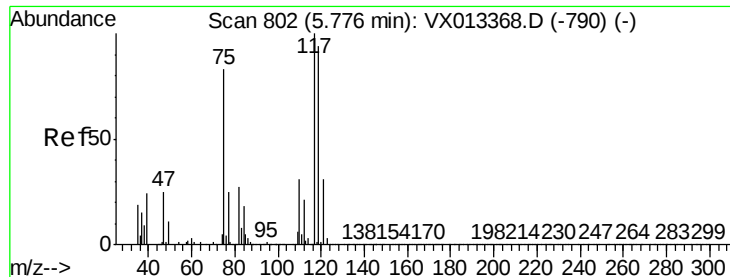
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 44.6 36.1 54.1





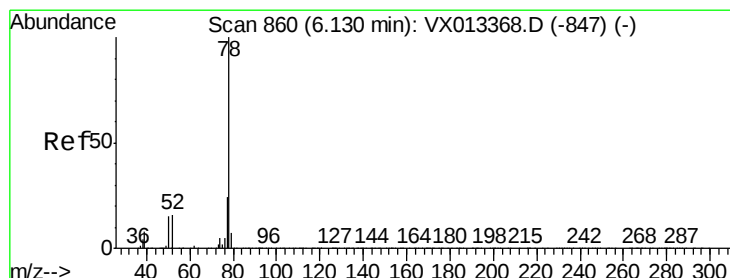
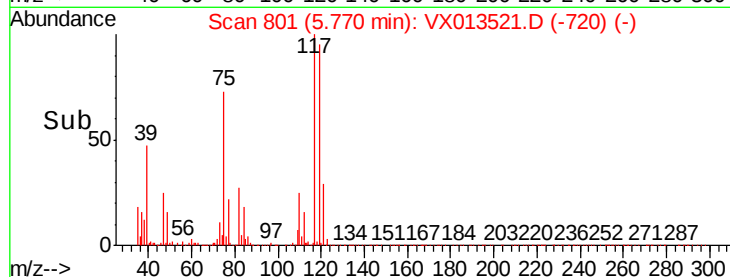
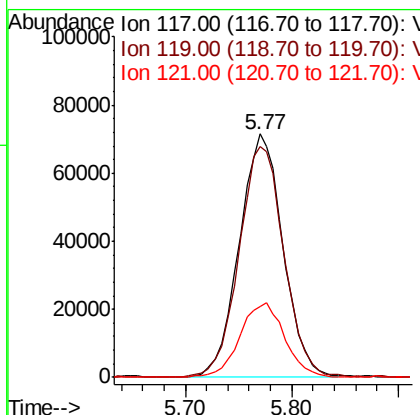
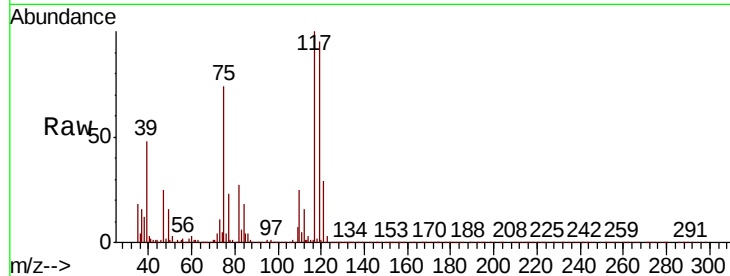
#33
Carbon Tetrachloride
Concen: 18.992 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.0	112.6
121	29.0	24.9	37.3

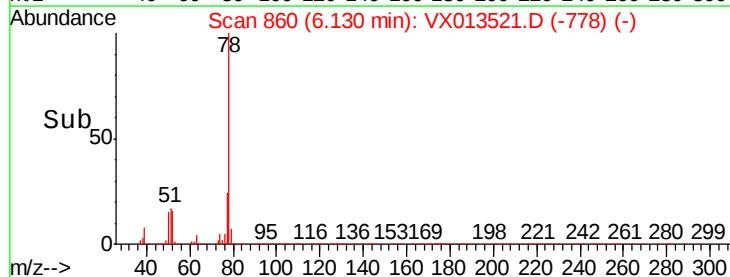
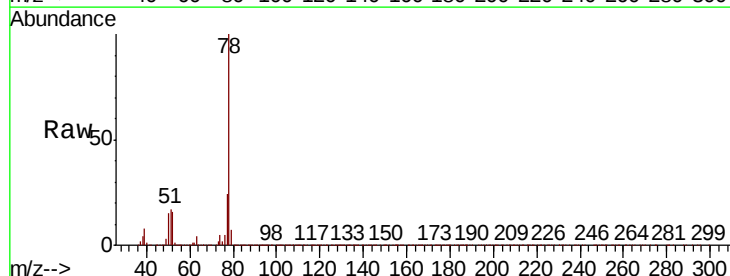
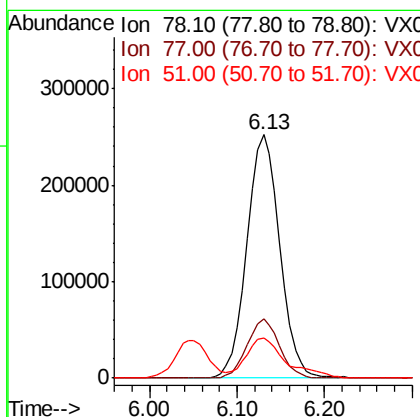
Manual Integrations
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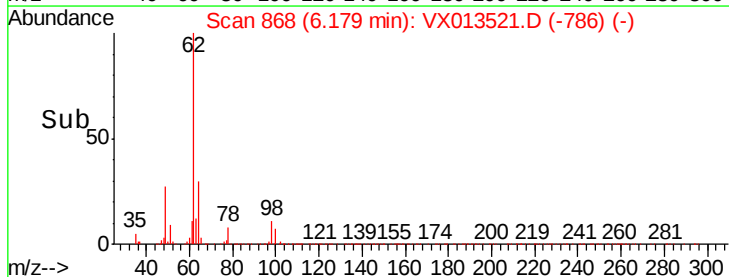
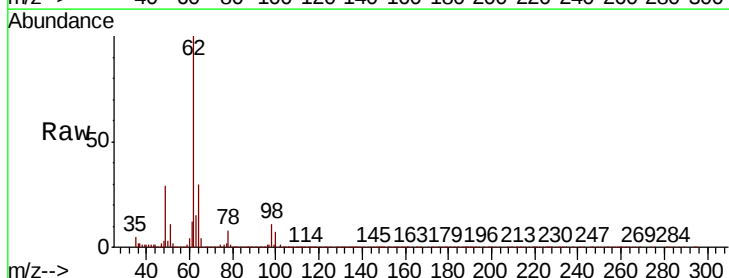
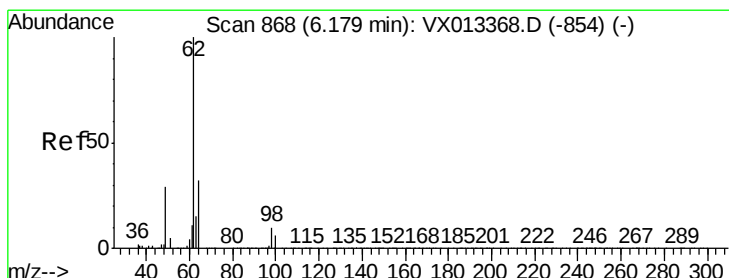
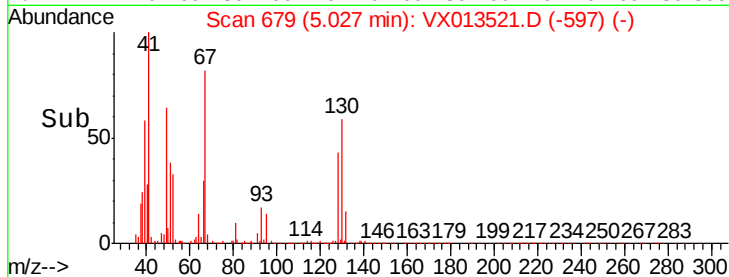
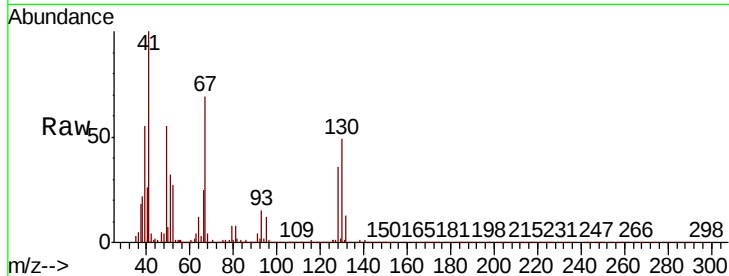
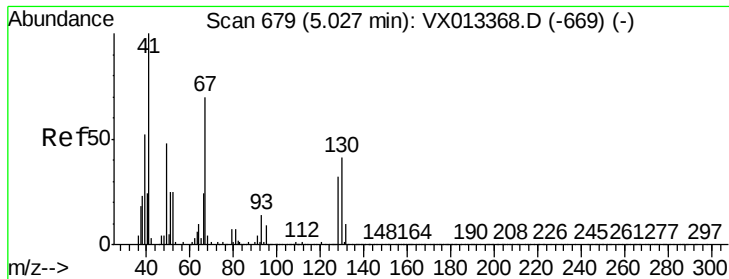
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#34
Benzene
Concen: 19.381 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

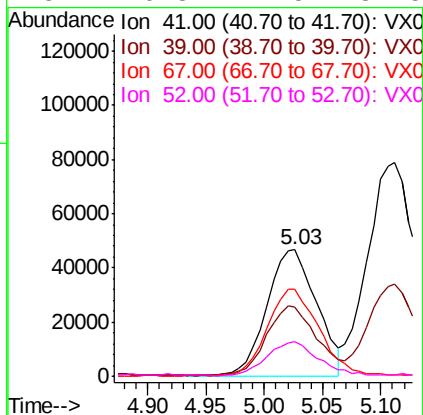
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9
51	16.2	12.2	18.4





#35
Methacrylonitrile
Concen: 18.795 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		138275		
39	54.2	25.9	77.8		
67	68.3	35.1	105.5		
52	26.8	12.5	37.5		



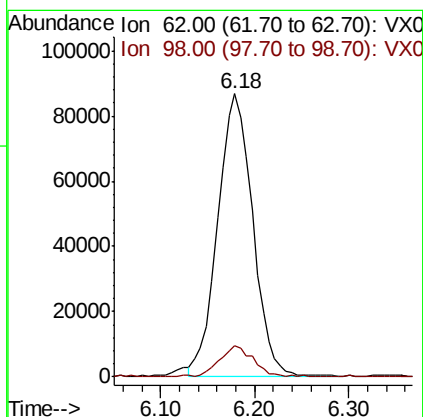
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

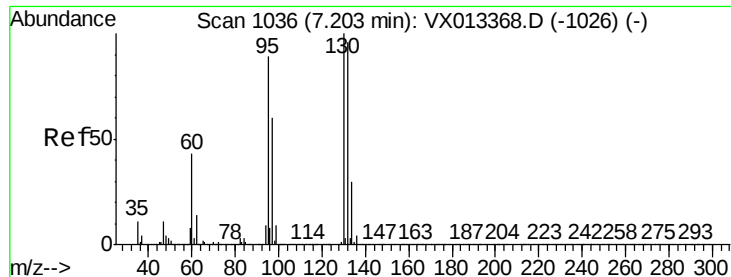
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 18.767 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		222387		
98	10.4	8.2	12.2		





#37

Trichloroethene

Concen: 19.991 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 181314

Ion Ratio Lower Upper

130 100

95 93.3 71.3 106.9

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

100000

80000

60000

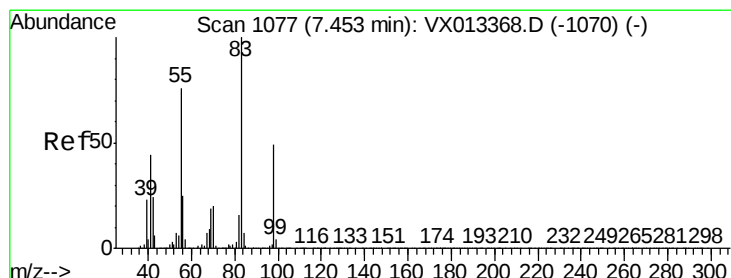
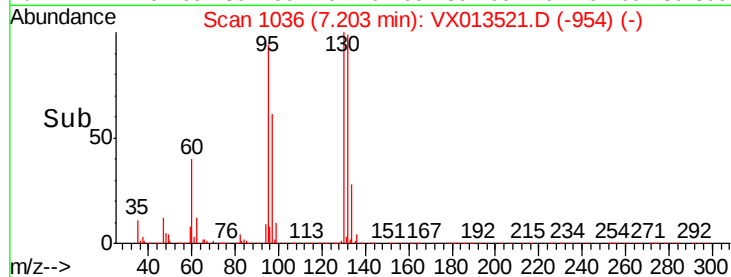
40000

20000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#38

Methylcyclohexane

Concen: 20.048 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

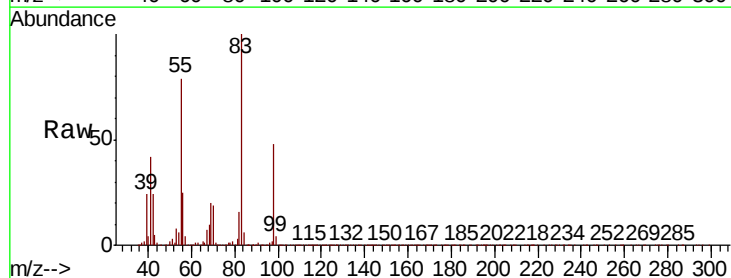
Tgt Ion: 83 Resp: 274370

Ion Ratio Lower Upper

83 100

55 75.5 37.9 113.7

98 49.6 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

150000

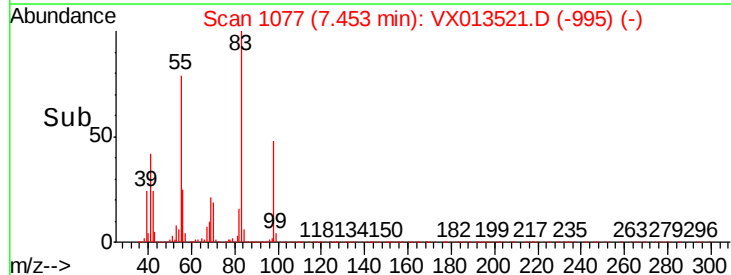
100000

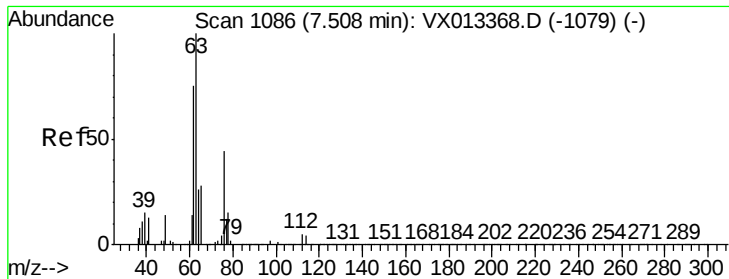
50000

0

7.40 7.45

Time-->





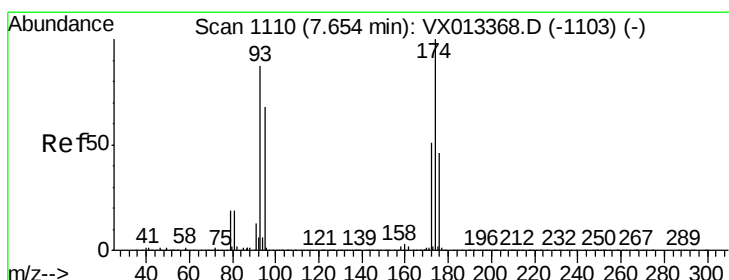
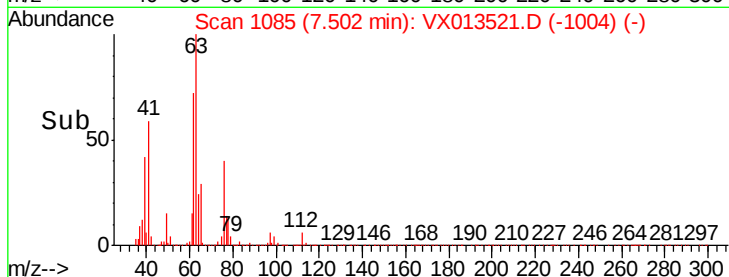
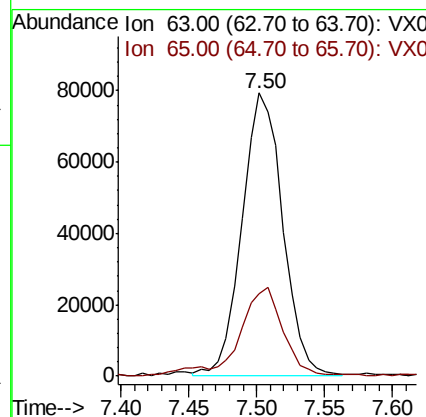
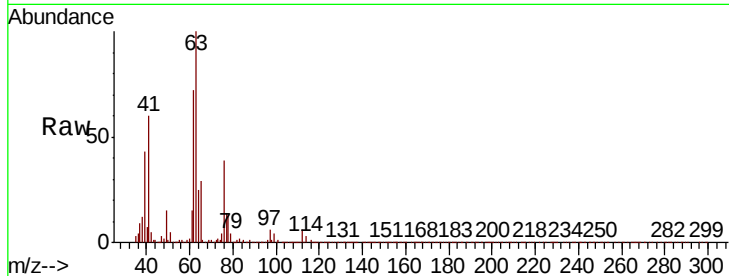
#39
 1,2-Dichloropropane
 Concen: 18.971 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.8	23.8	35.8

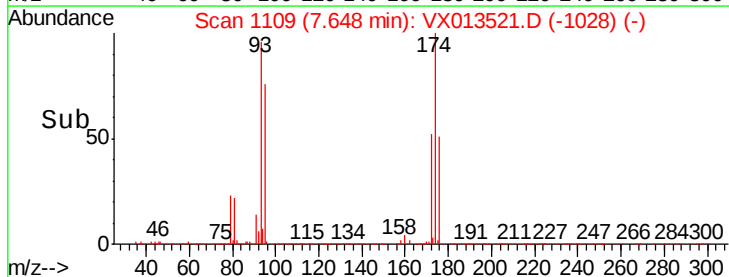
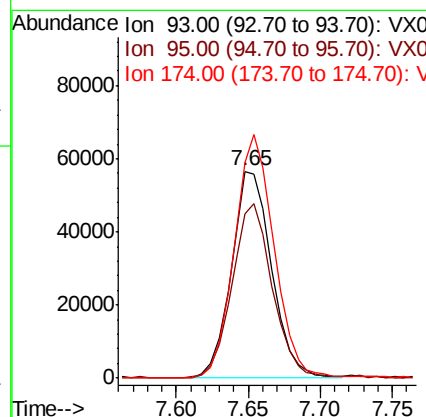
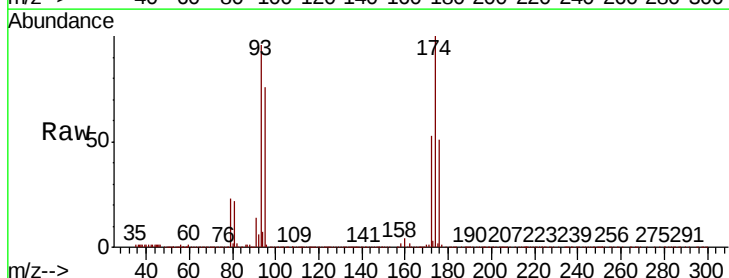
Manual Integrations
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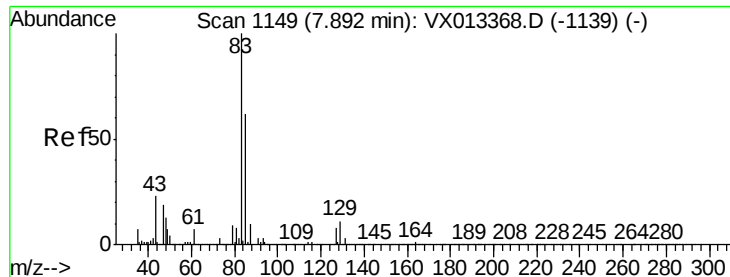
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#40
 Dibromomethane
 Concen: 18.737 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	0.0	160.8
174	116.0	0.0	228.8





#41

Bromodichloromethane

Concen: 19.025 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

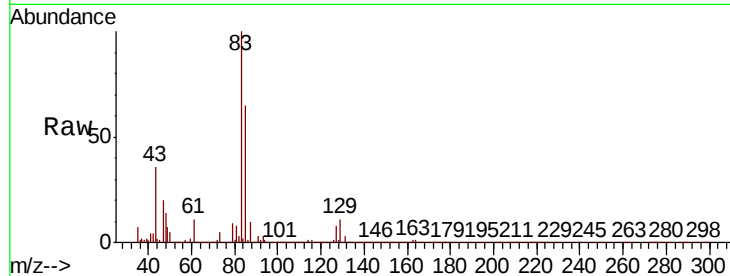
ClientSampleId :

VSTDCCC020

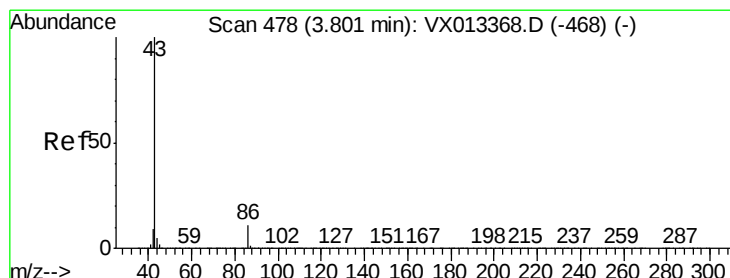
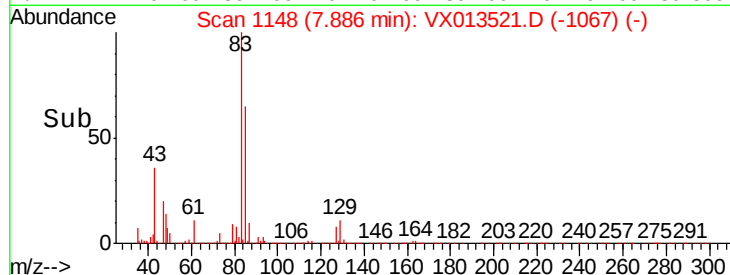
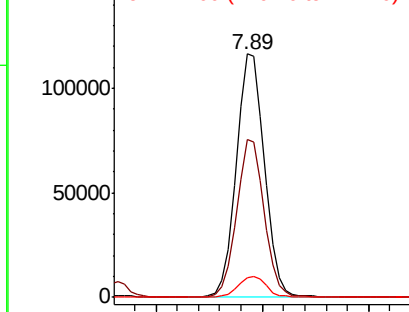
Tot Ion:	83	Resp:	216364
Ion Ratio	Lower	Upper	
83	100		
85	64.5	49.3	73.9
127	7.8	6.6	10.0

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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 95.055 ug/l

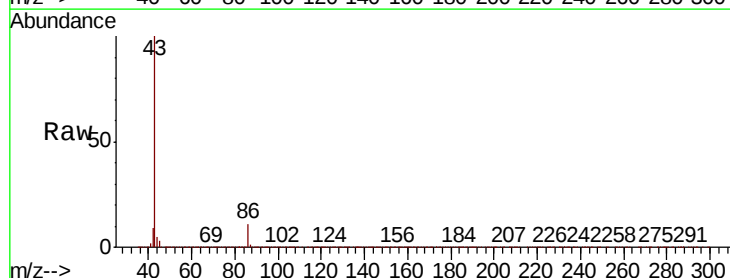
RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

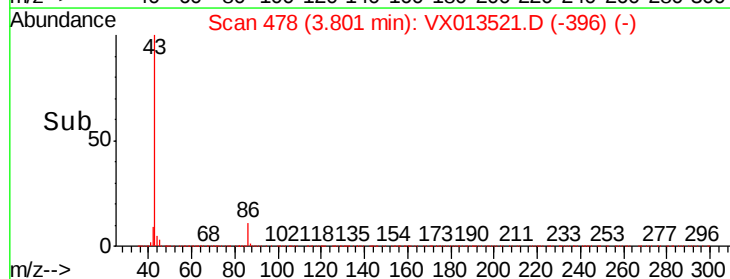
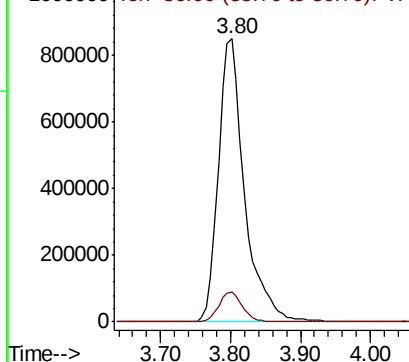
Lab File: VX013521.D

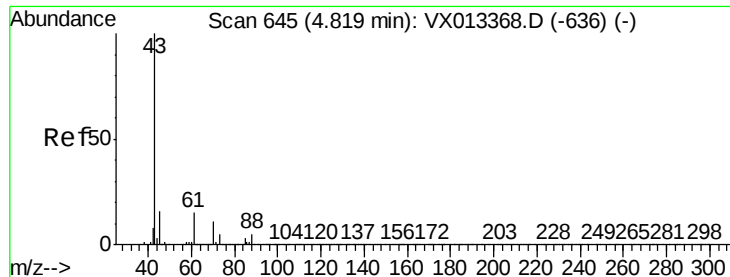
Acq: 22 Nov 2019 10:02

Tgt Ion:	43	Resp:	2204779
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.6	11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





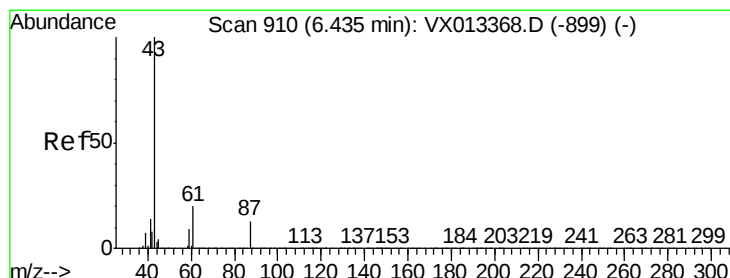
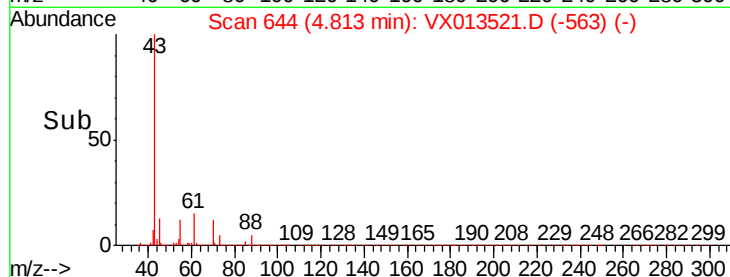
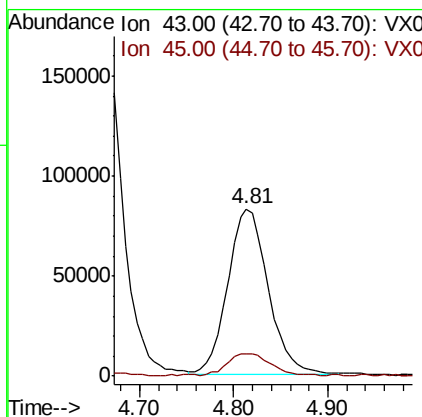
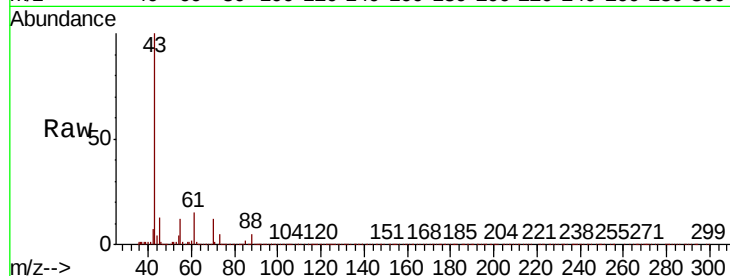
#43
Ethyl Acetate
Concen: 18.511 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
45	6.6	10.9	16.3#

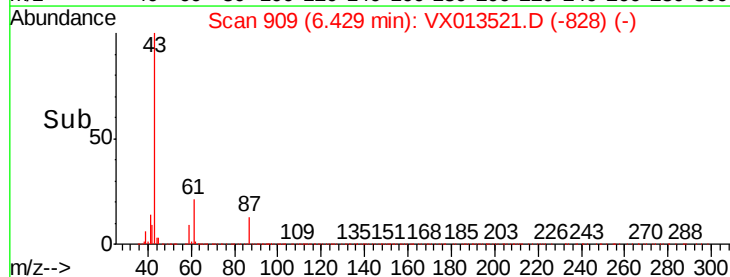
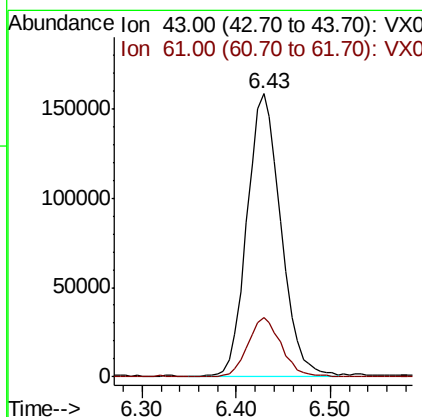
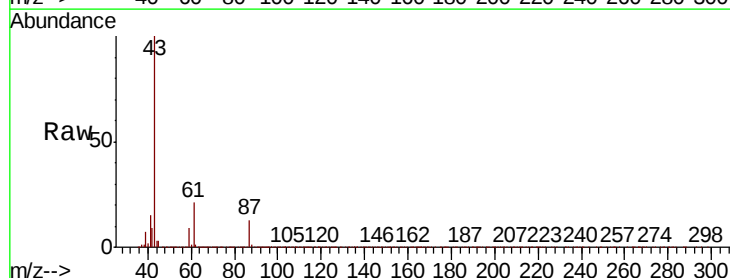
Manual Integrations
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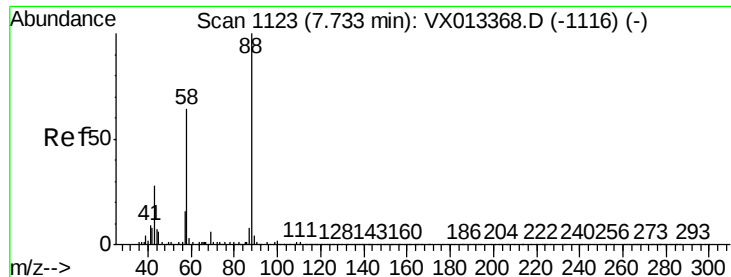
MMDadoda
11/25/2019 10:40:39 AM



#44
Isopropyl Acetate
Concen: 18.456 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.8	23.8





#45

1,4-Dioxane

Concen: 350.297 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

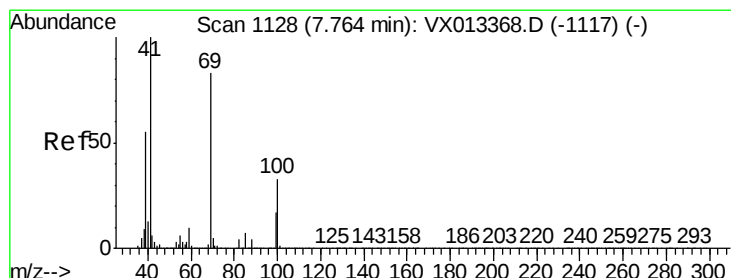
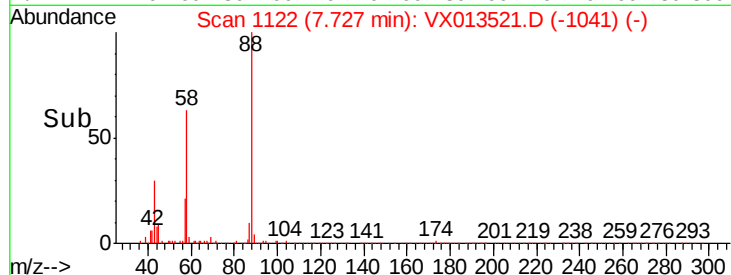
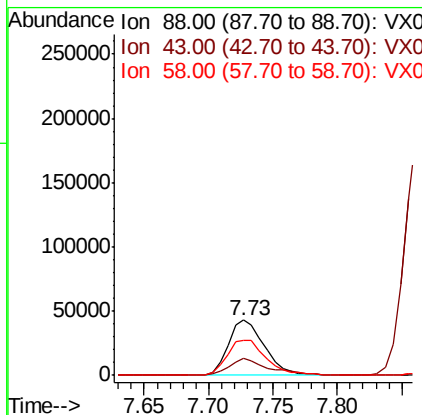
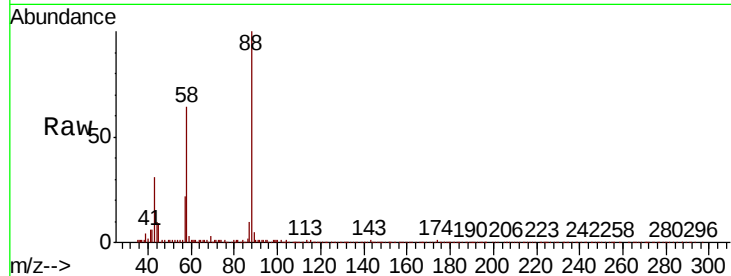
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	83533
Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.1	39.1
58	67.7	55.8	83.8

Manual Integrations
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11/25/2019 10:40:39 AM



#46

Methyl methacrylate

Concen: 18.357 ug/l

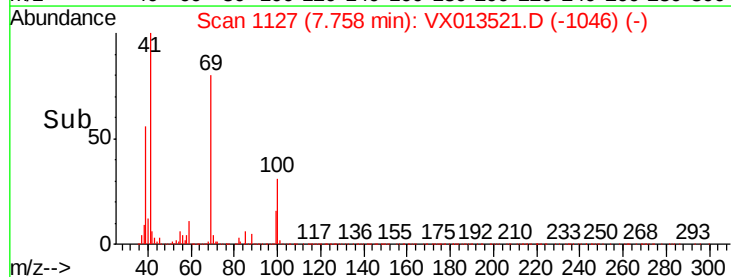
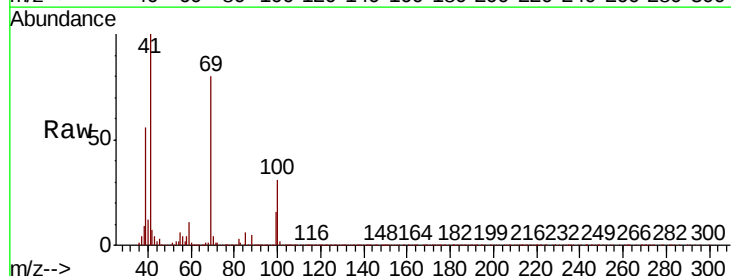
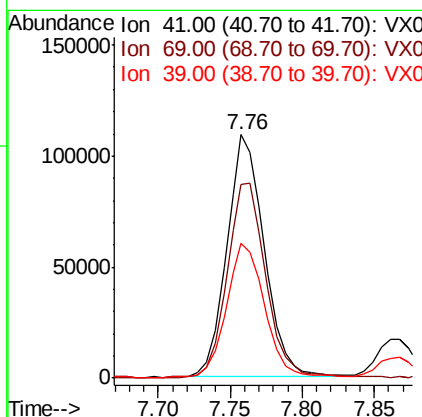
RT: 7.76 min Scan# 1127

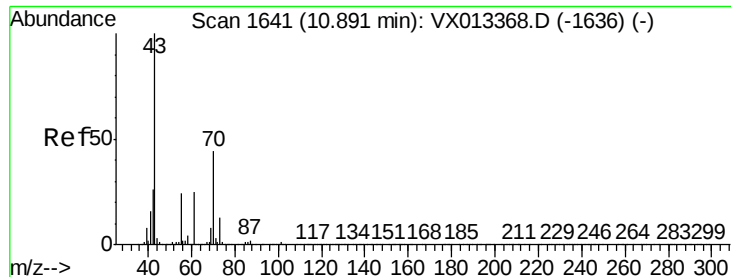
Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	41	Resp:	197222
Ion	Ratio	Lower	Upper
41	100		
69	79.7	41.4	124.4
39	55.6	27.9	83.6





#47

n-amvl Acetate

Concen: 18.017 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 341343

Ion Ratio Lower Upper

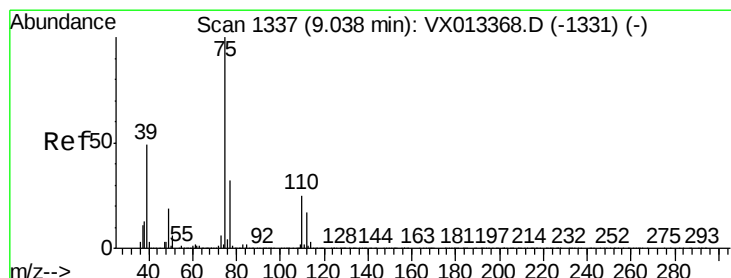
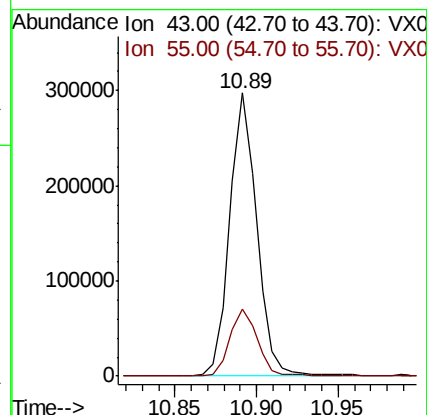
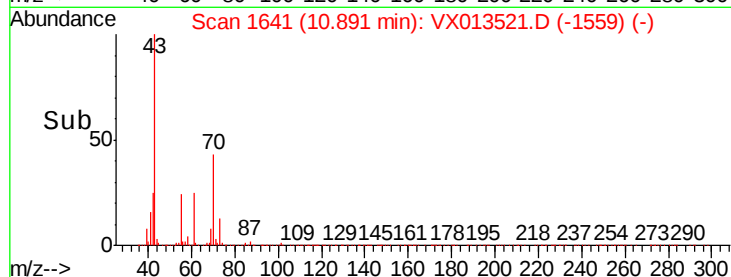
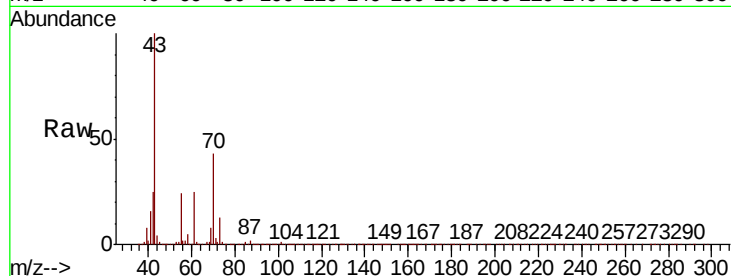
43 100

55 24.0 19.0 28.4

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 18.709 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013521.D

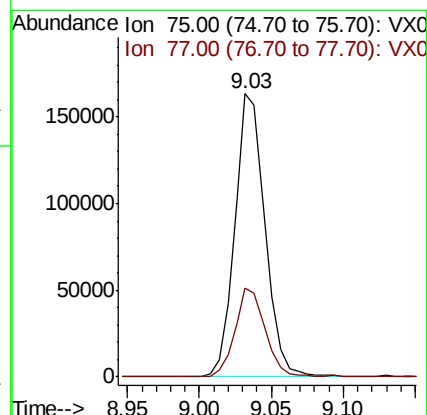
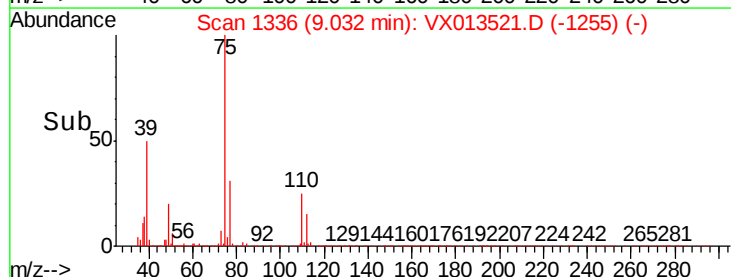
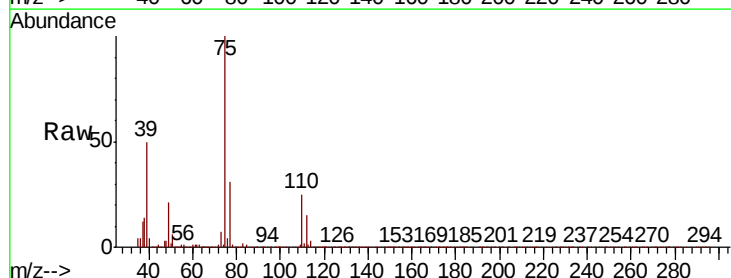
Acq: 22 Nov 2019 10:02

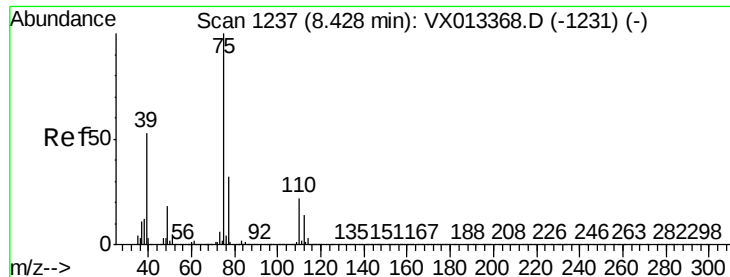
Tgt Ion: 75 Resp: 238582

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9





#49

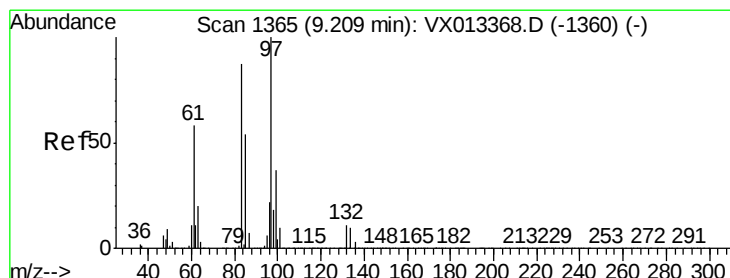
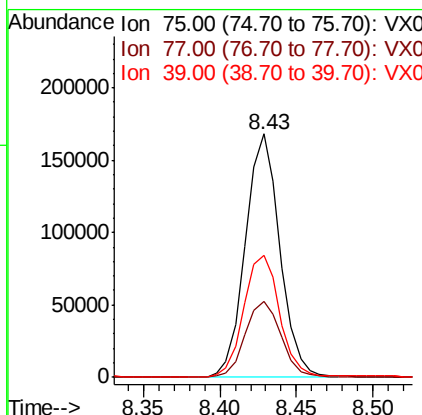
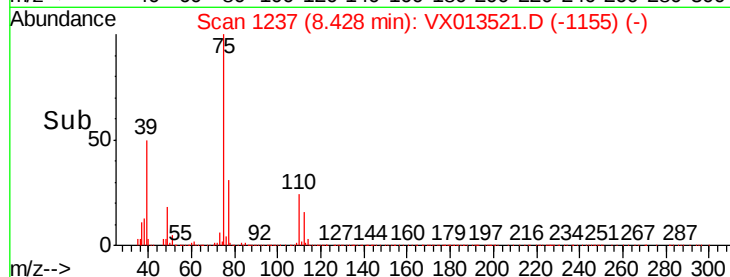
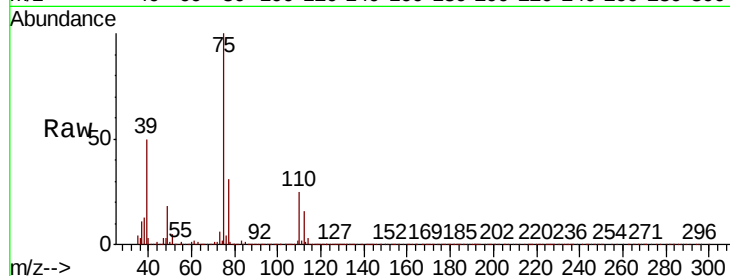
cis-1,3-Dichloropropene
Concen: 18.936 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.8
39	49.9	42.2	63.4

Manual Integrations
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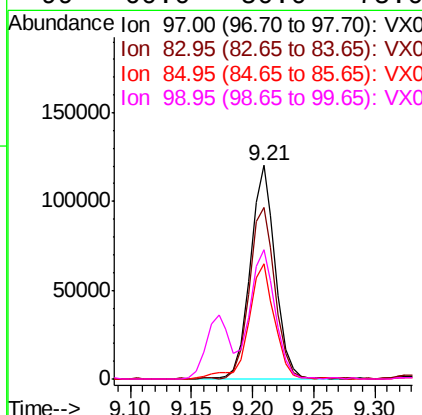
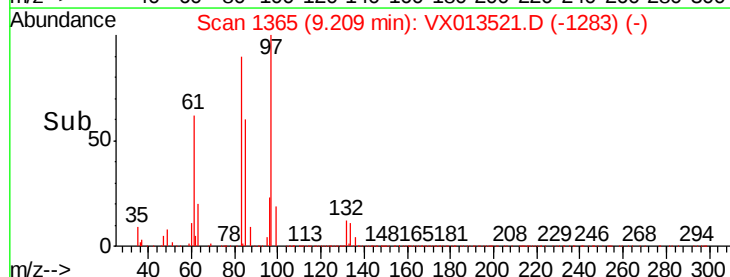
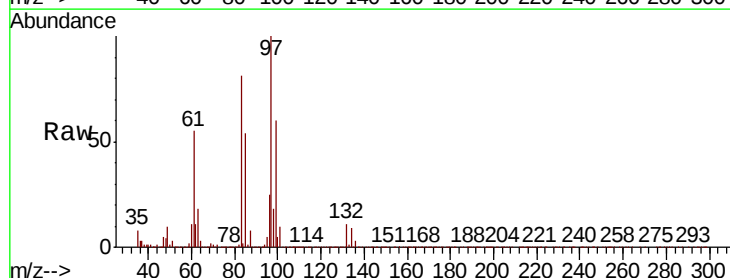
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11/25/2019 10:40:39 AM

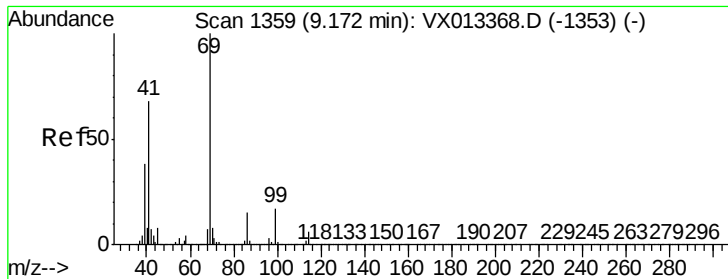


#50

1,1,2-Trichloroethane
Concen: 19.838 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.6	104.4
85	53.7	45.5	68.3
99	60.0	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.773 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

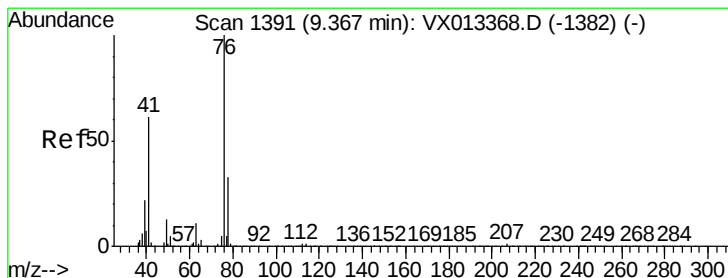
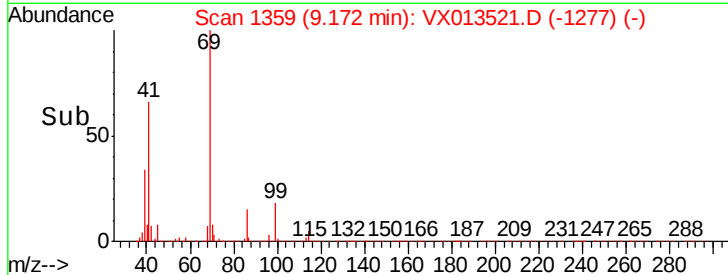
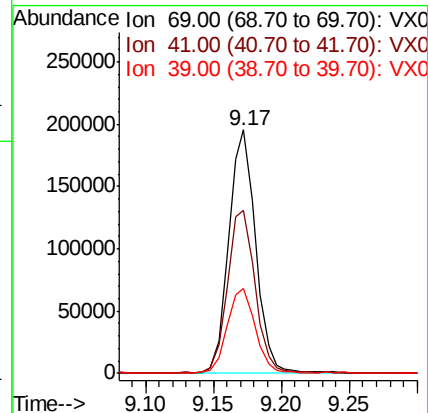
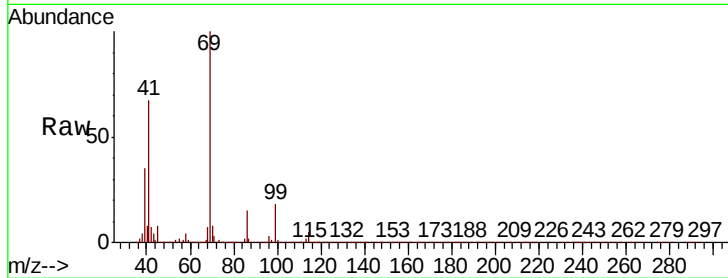
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	266457
Ion Ratio	Lower	Upper	
69	100		
41	66.5	33.9	101.6
39	34.8	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.140 ug/l

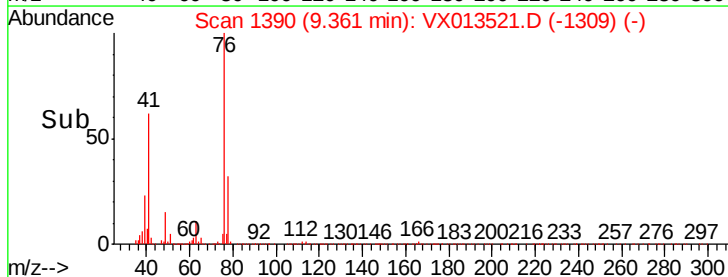
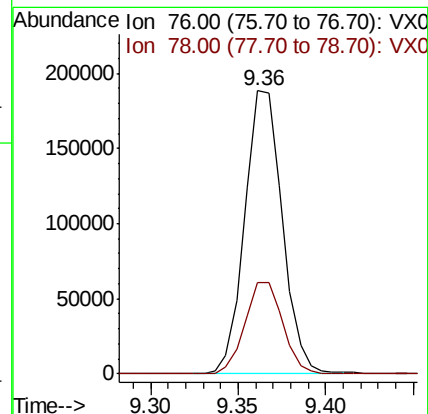
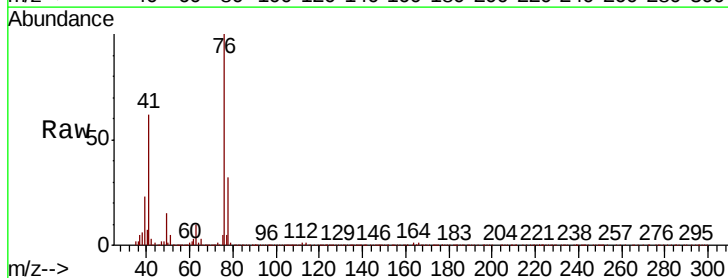
RT: 9.36 min Scan# 1390

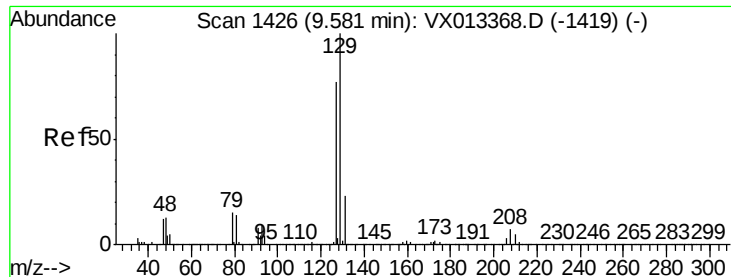
Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	76	Resp:	282073
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.6





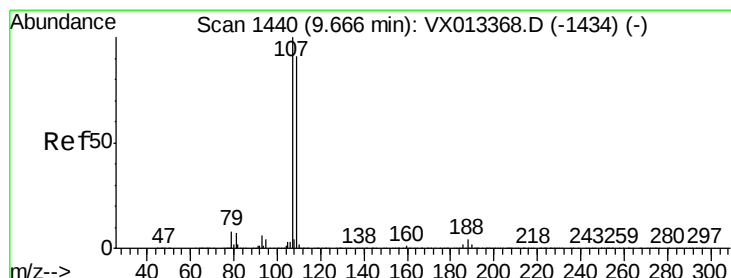
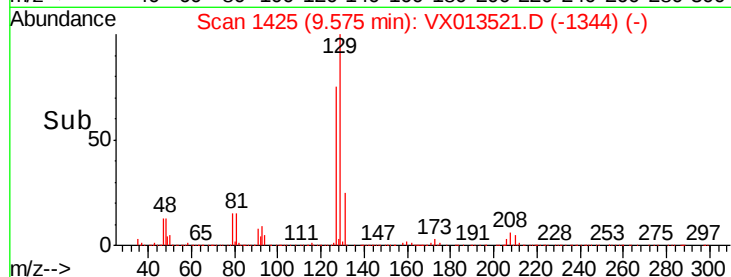
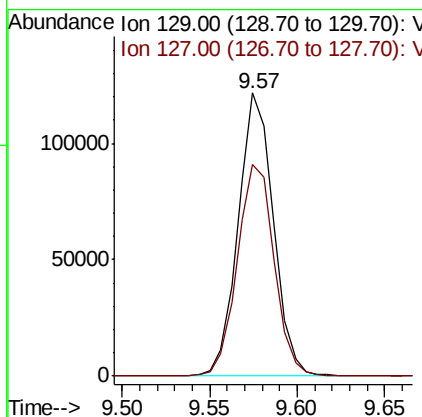
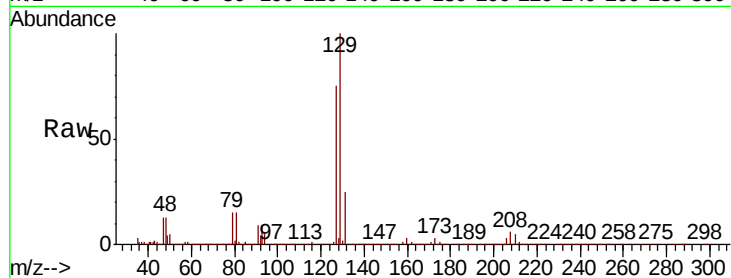
#53
Dibromochloromethane
Concen: 18.656 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.6	119.0

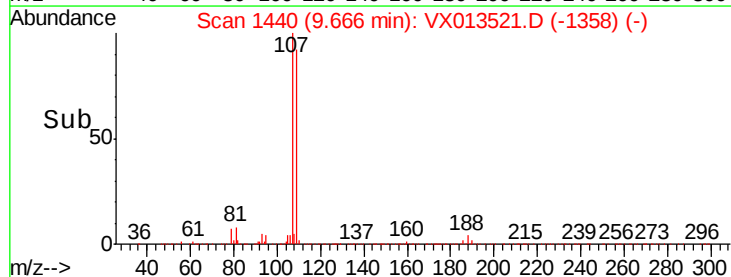
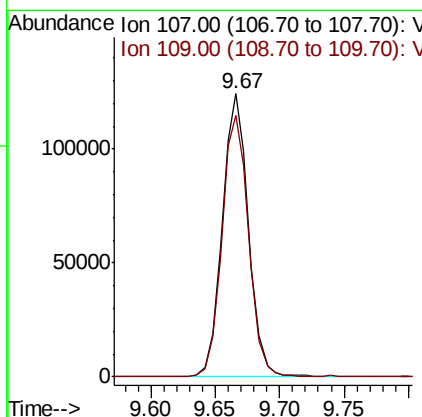
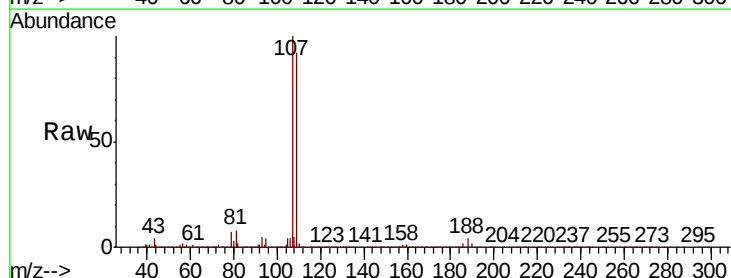
Manual Integrations
APPROVED

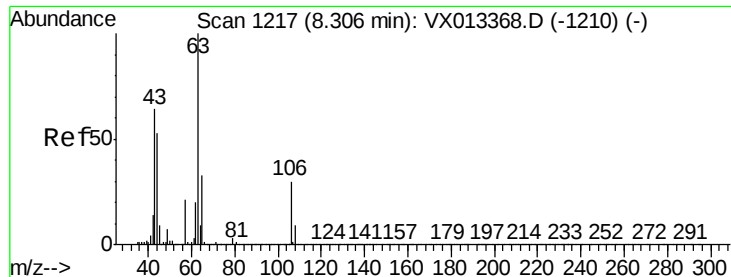
MMDadoda
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#54
1,2-Dibromoethane
Concen: 19.035 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	73.9	110.9





#55

2-Chloroethyl vinyl ether

Concen: 88.738 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

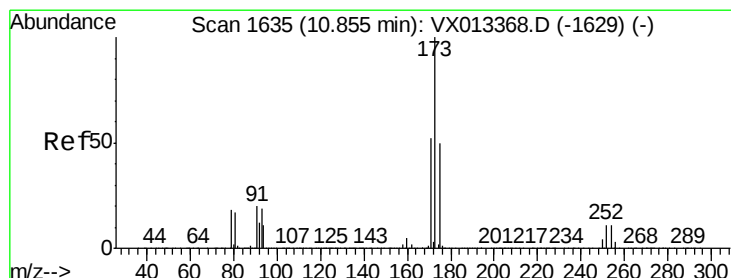
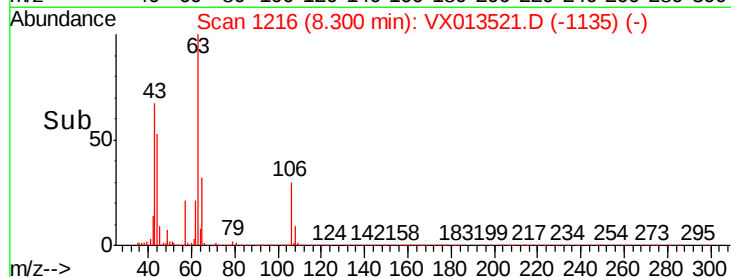
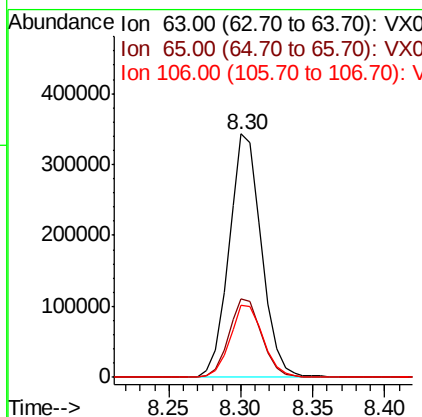
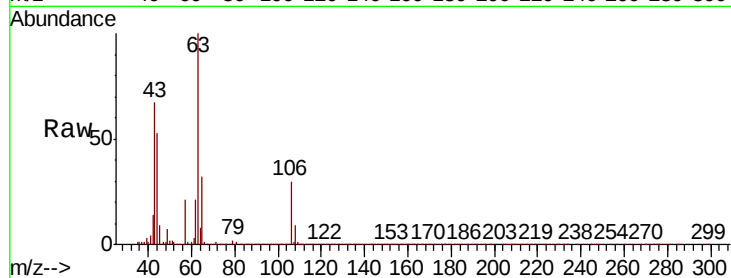
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	538172
Ion Ratio	Lower	Upper	
63	100		
65	32.6	26.0	39.0
106	30.2	23.5	35.3

Manual Integrations
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11/25/2019 10:40:39 AM



#56

Bromoform

Concen: 17.990 ug/l

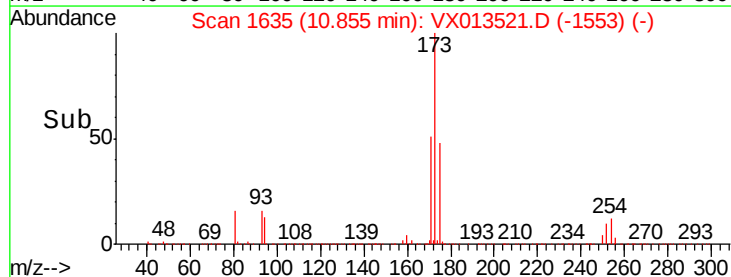
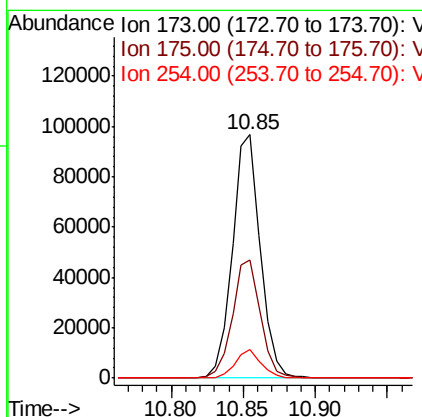
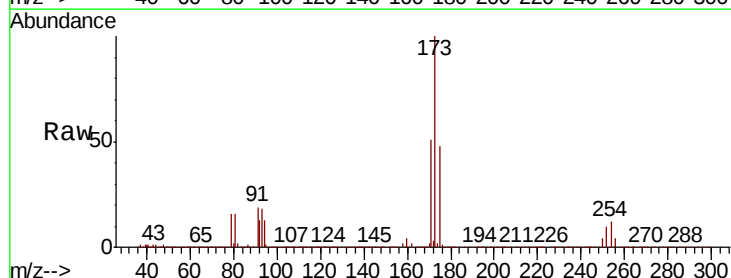
RT: 10.85 min Scan# 1635

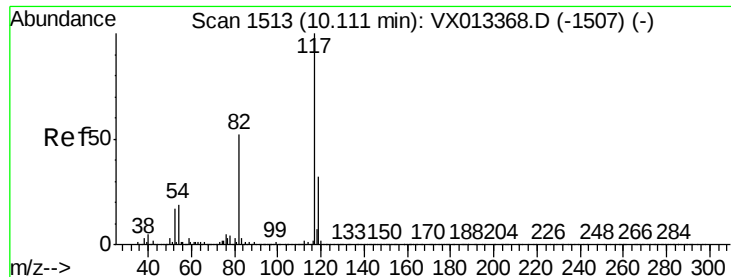
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	173	Resp:	130809
Ion Ratio	Lower	Upper	
173	100		
175	49.1	39.4	59.0
254	10.9	8.6	12.8





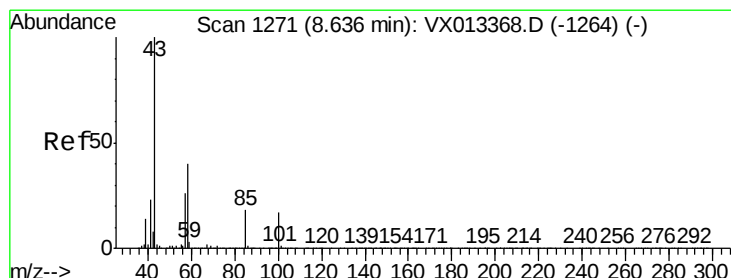
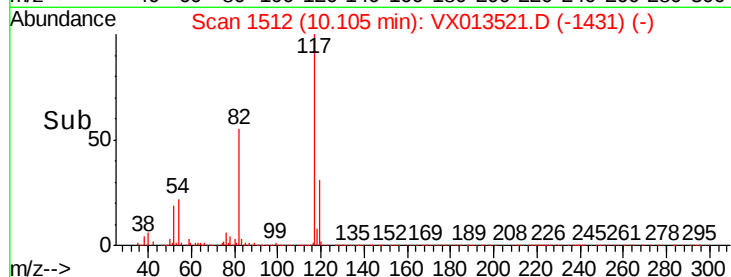
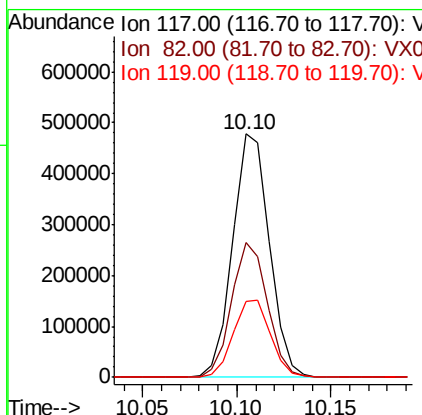
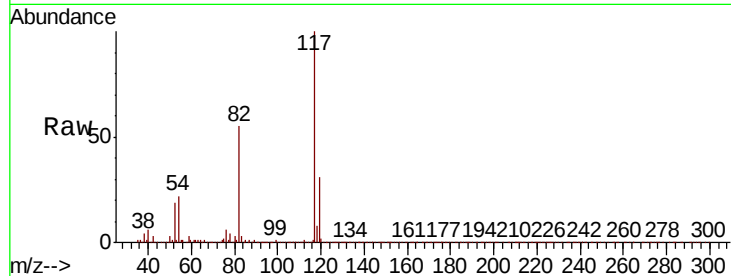
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	32.1	25.5	38.3

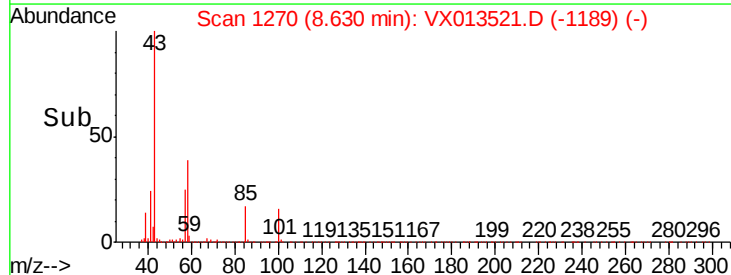
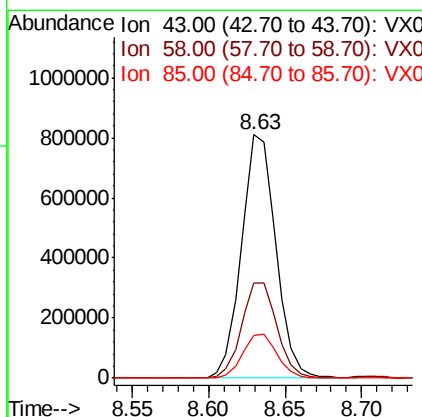
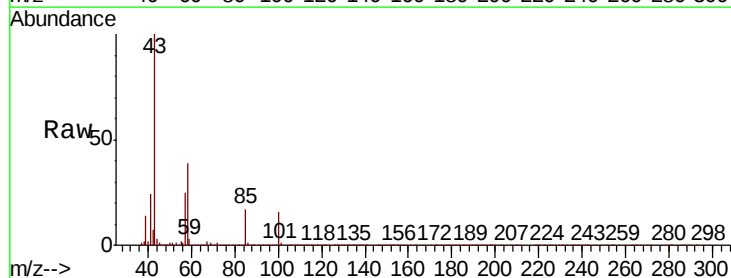
Manual Integrations
APPROVED

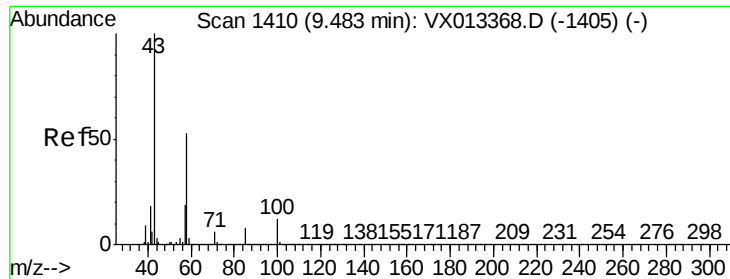
MMDadoda
11/25/2019 10:40:39 AM



#58
4-Methyl-2-Pentanone
Concen: 93.539 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.6	47.4
85	18.1	14.2	21.2





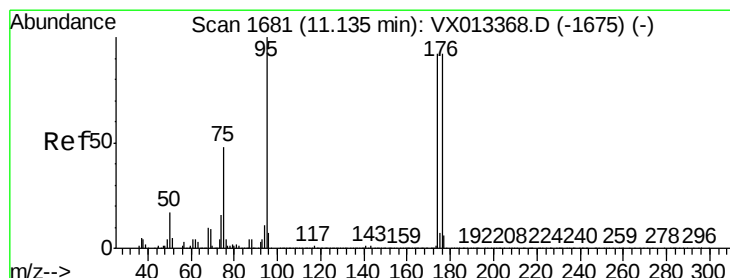
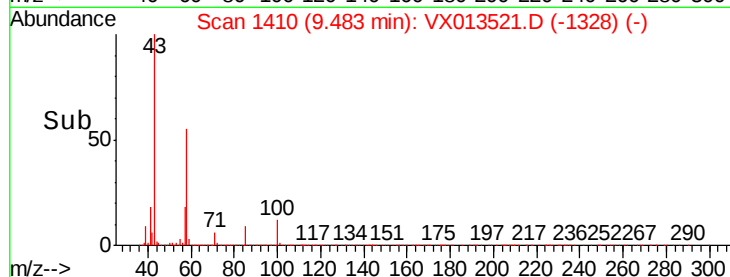
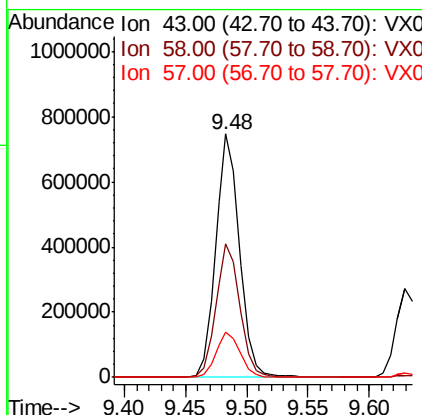
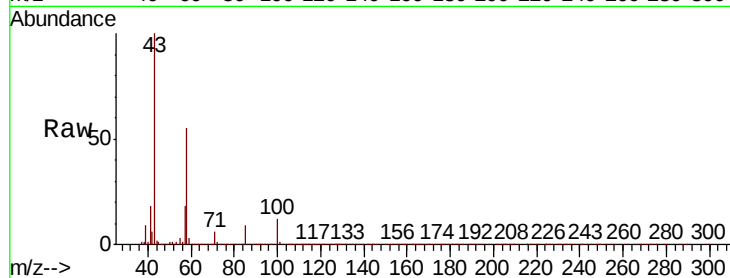
#59
2-Hexanone
Concen: 94.207 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	18.8	15.1	22.7

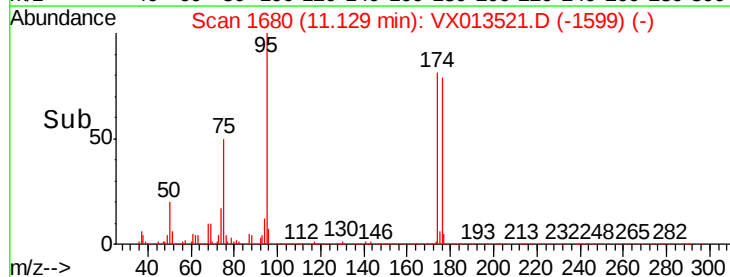
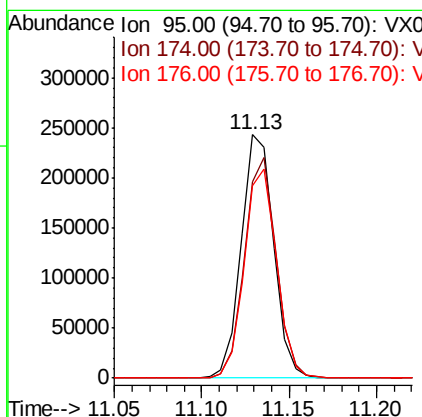
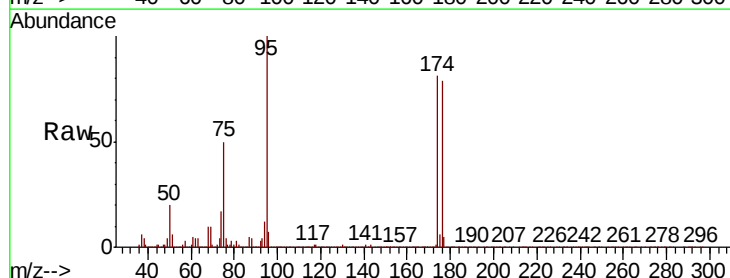
Manual Integrations
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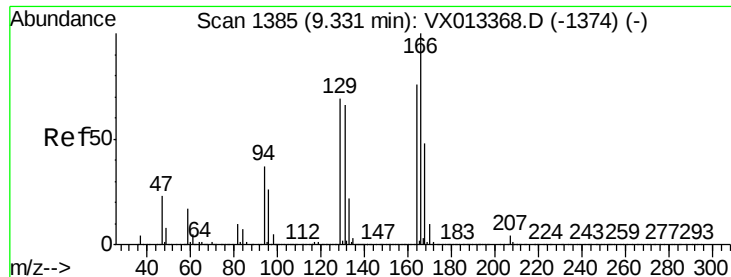
MMDadoda
11/25/2019 10:40:39 AM



#60
4-Bromofluorobenzene
Concen: 30.077 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	70.2	105.2
176	85.7	68.3	102.5





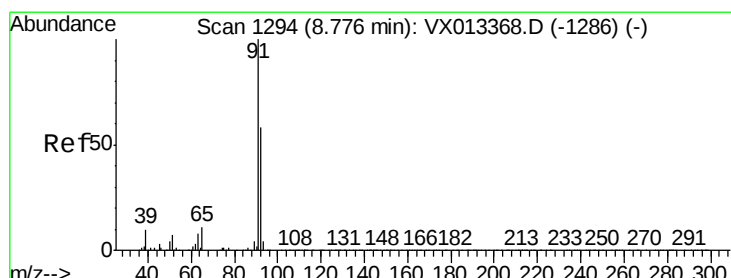
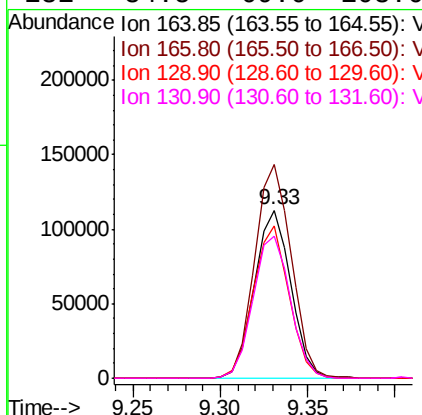
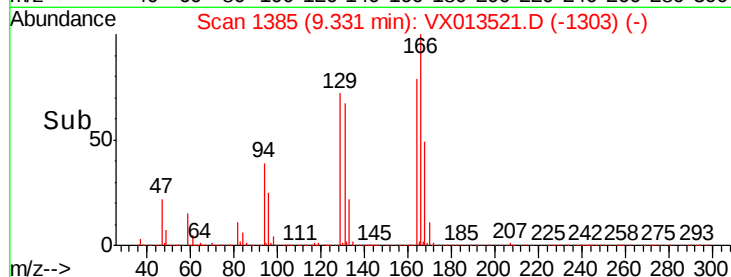
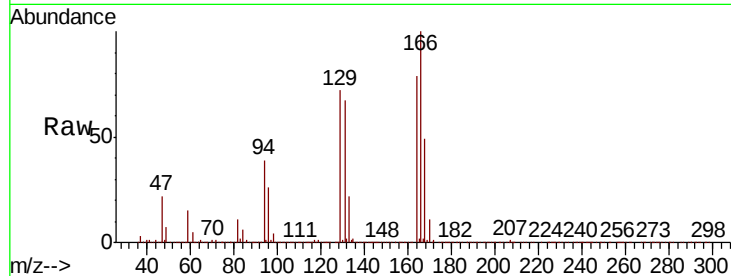
#61
Tetrachloroethene
Concen: 20.432 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.3	104.9	157.3
129	91.1	72.3	108.5
131	84.5	69.0	103.6

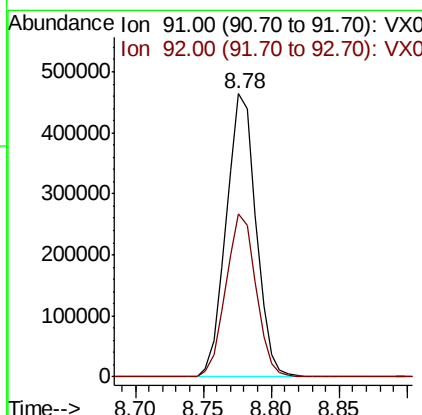
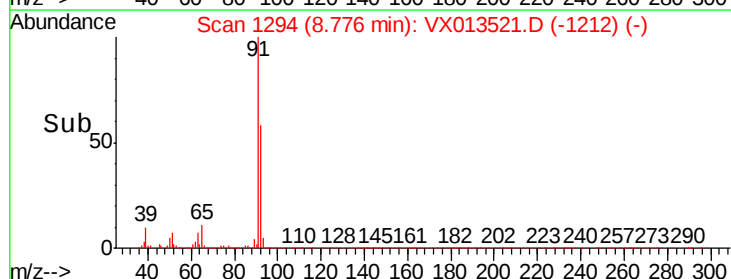
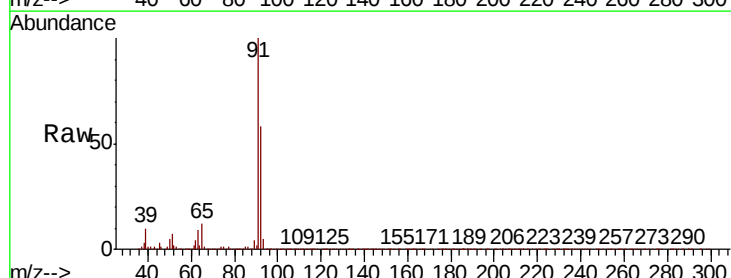
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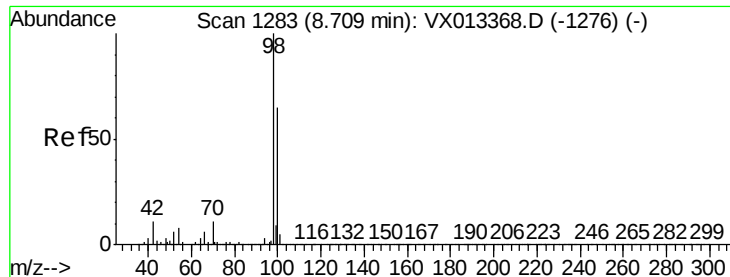
MMDadoda
11/25/2019 10:40:39 AM



#62
Toluene
Concen: 19.671 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.6	69.8





#63

Toluene-d8

Concen: 30.607 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 894388

Ion Ratio Lower Upper

98 100

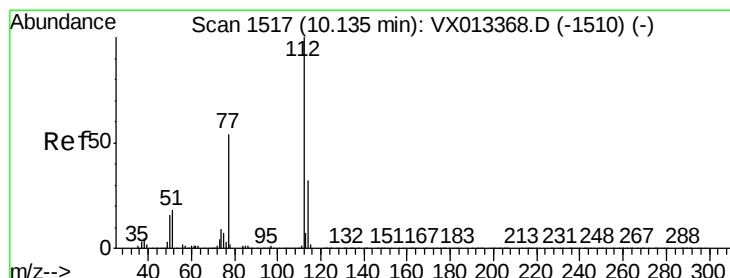
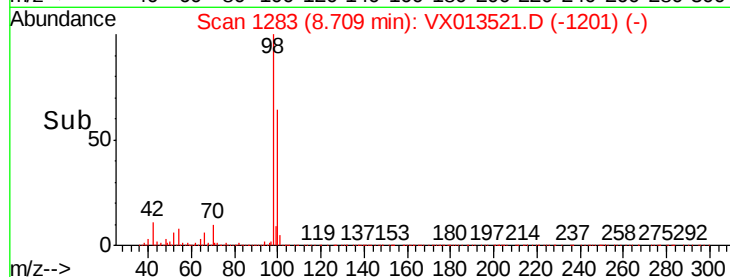
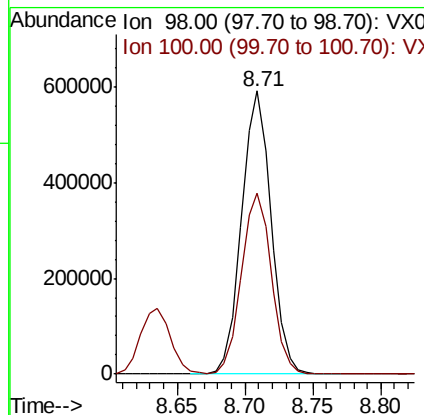
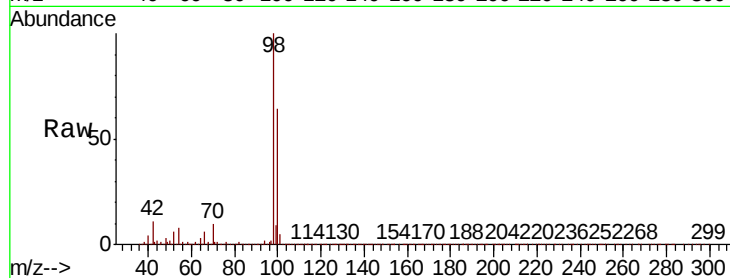
100 64.8 52.5 78.7

Manual Integrations

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#64

Chlorobenzene

Concen: 19.585 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013521.D

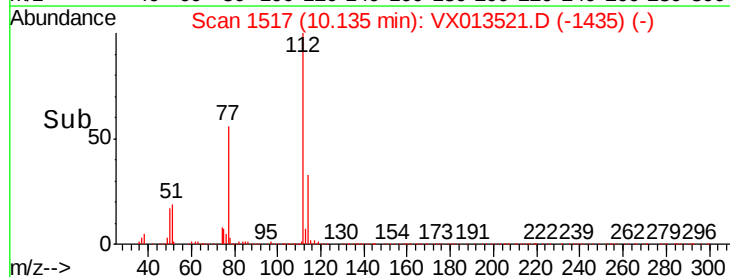
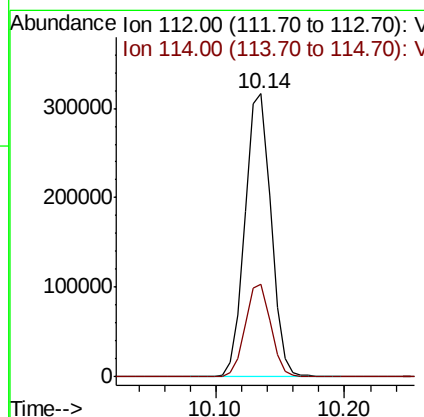
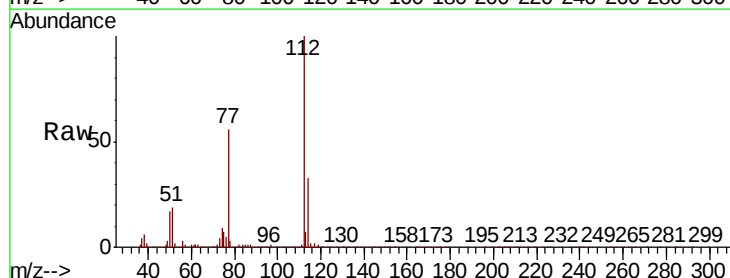
Acq: 22 Nov 2019 10:02

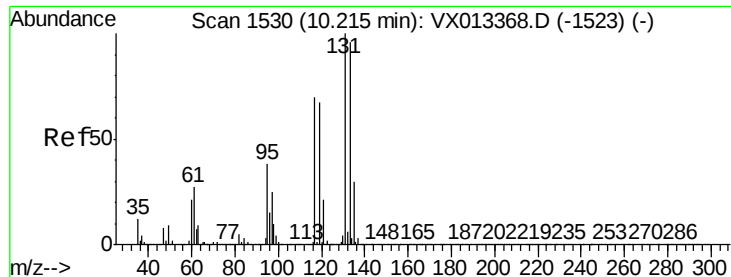
Tgt Ion: 112 Resp: 440789

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.414 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

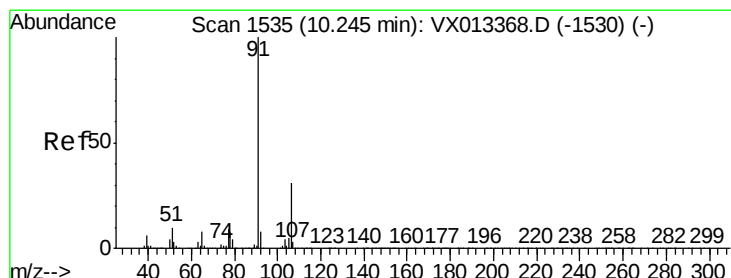
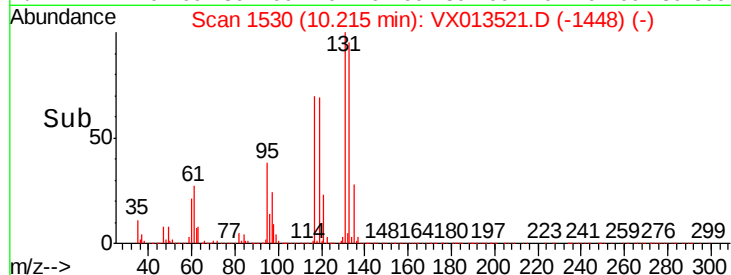
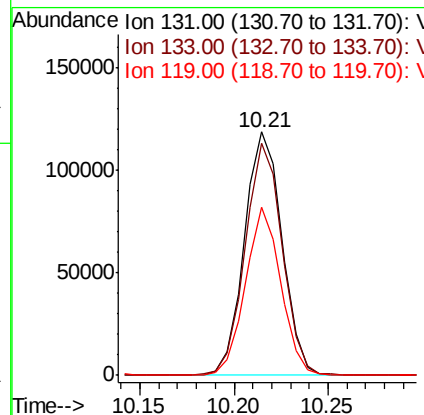
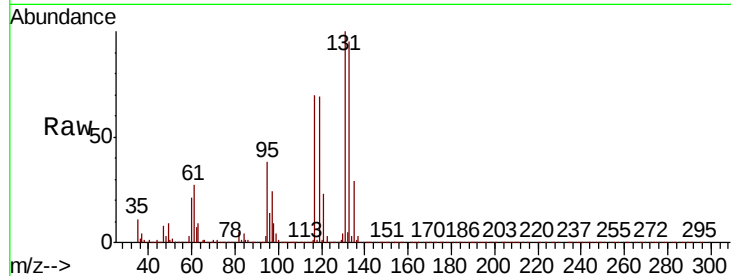
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	163556
Ion Ratio	Lower	Upper	
131	100		
133	94.0	0.0	192.2
119	65.5	0.0	134.4

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#66

Ethyl Benzene

Concen: 19.725 ug/l

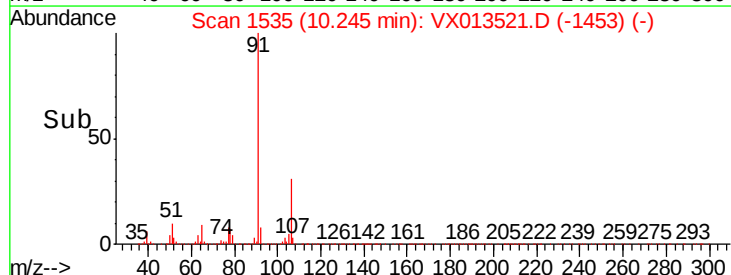
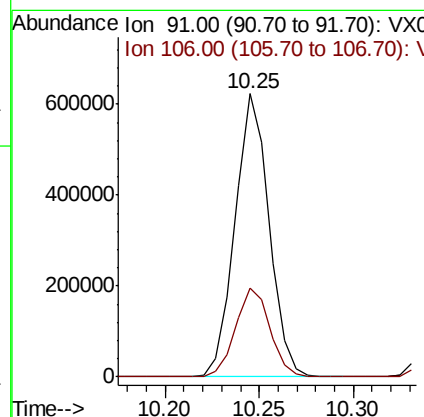
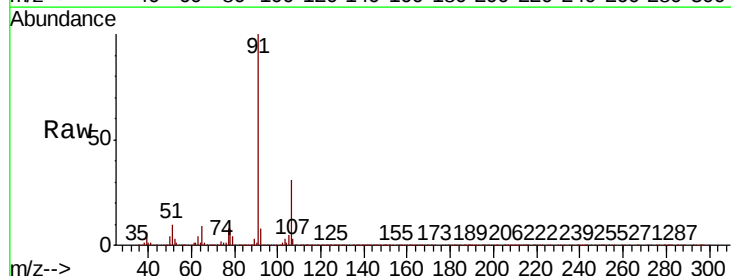
RT: 10.25 min Scan# 1535

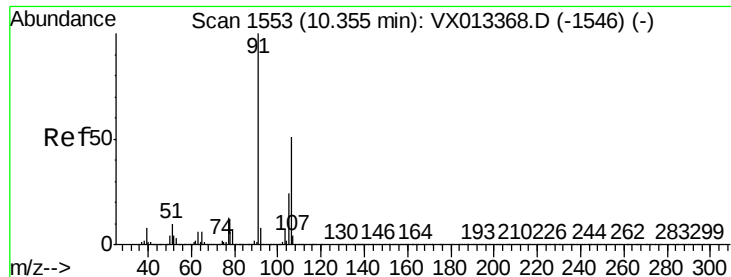
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	91	Resp:	780000
Ion Ratio	Lower	Upper	
91	100		
106	31.1	25.0	37.4





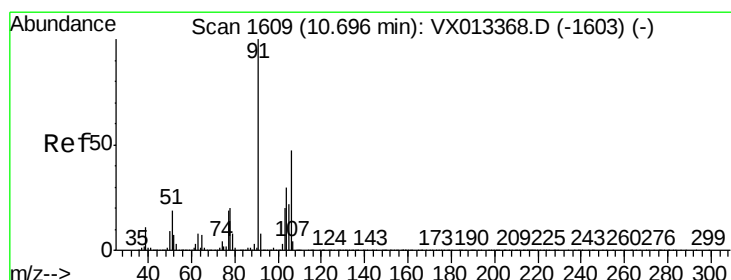
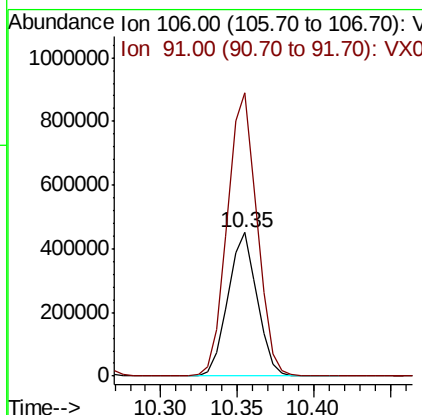
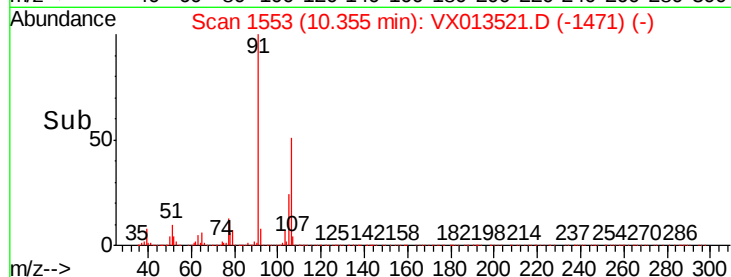
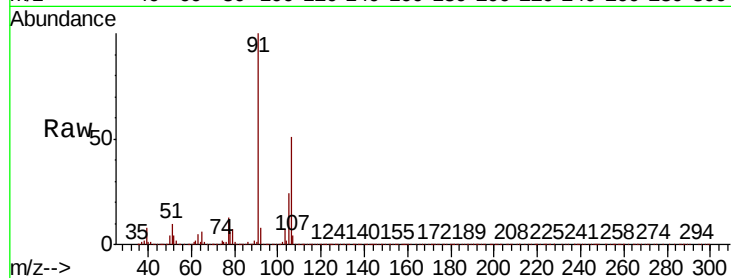
#67
m/p-Xvlenes
Concen: 38.968 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.9	158.4	237.6

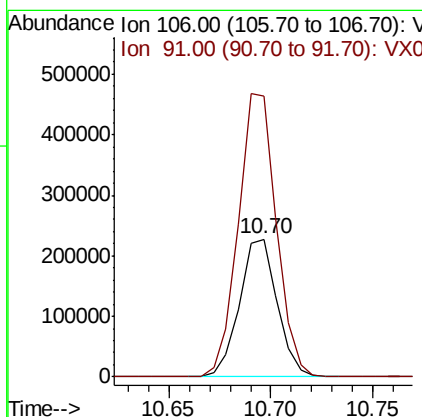
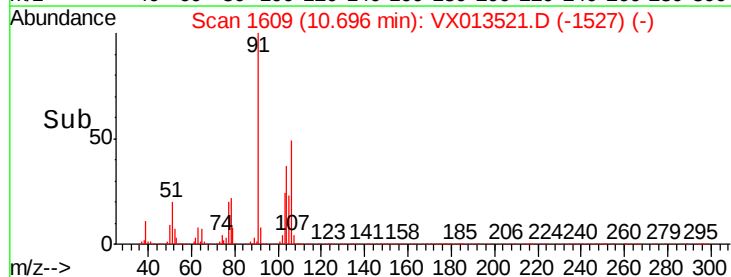
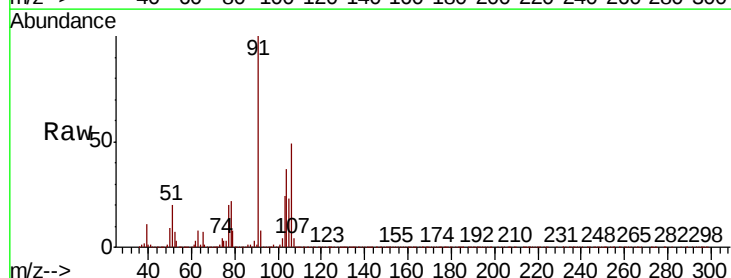
Manual Integrations
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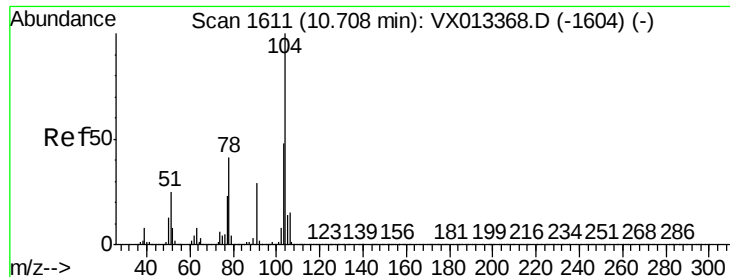
MMDadoda
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#68
o-Xylene
Concen: 19.855 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.8	106.4	319.2





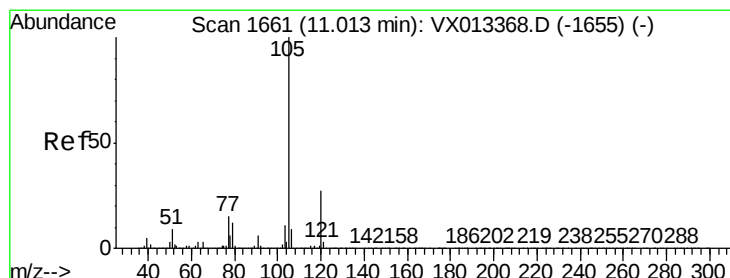
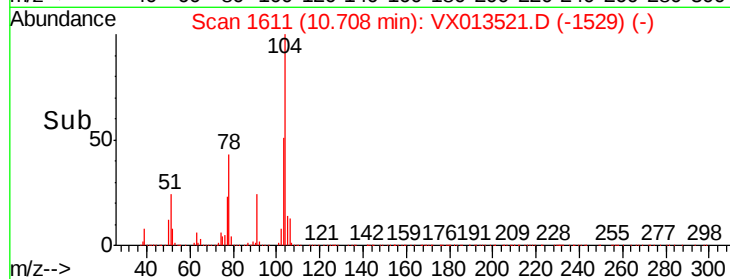
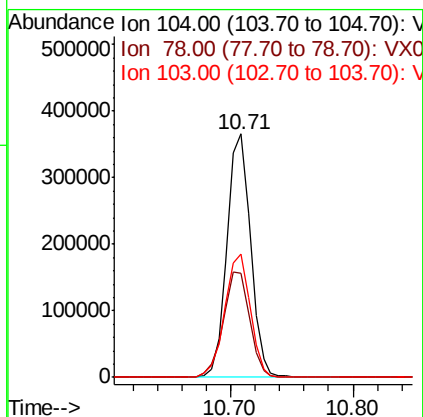
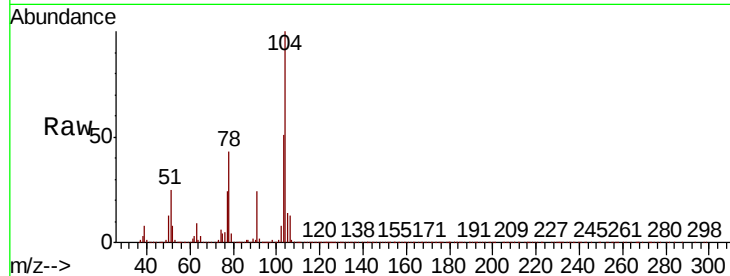
#69
Stvrene
Concen: 19.399 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.2	57.4
103	54.8	43.2	64.8

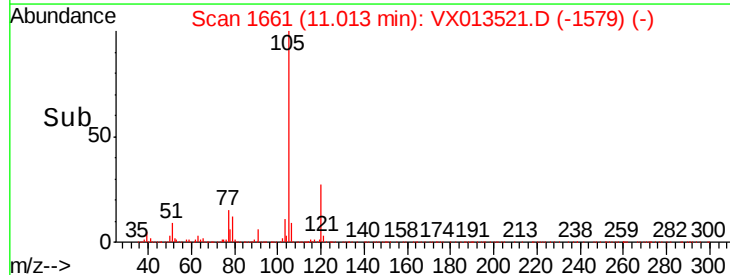
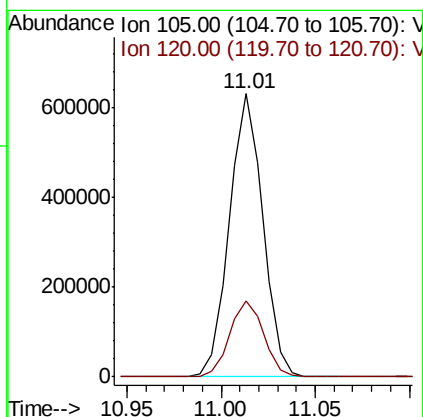
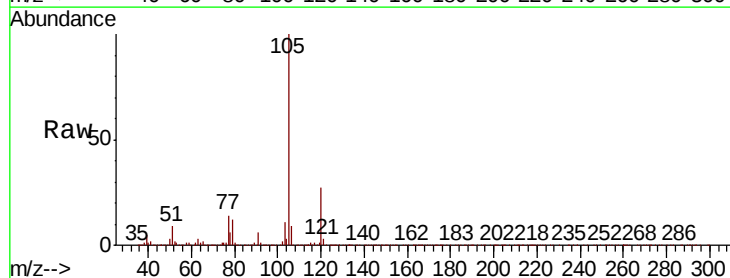
Manual Integrations
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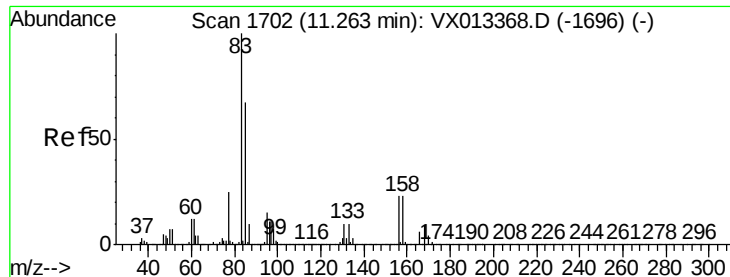
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#70
Isopropylbenzene
Concen: 19.908 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.8	34.8





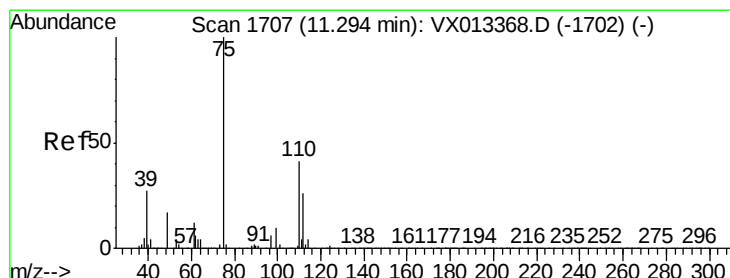
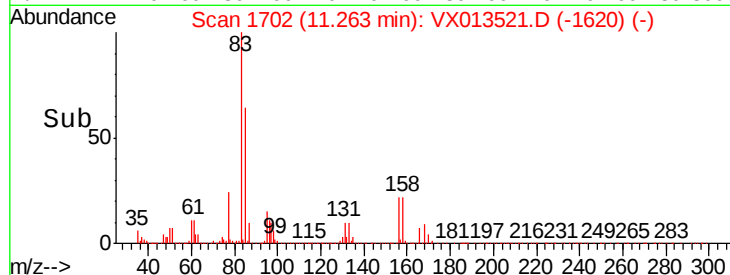
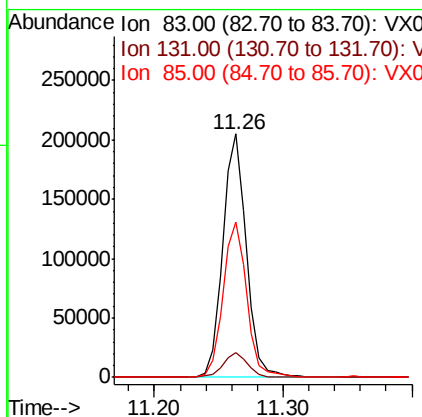
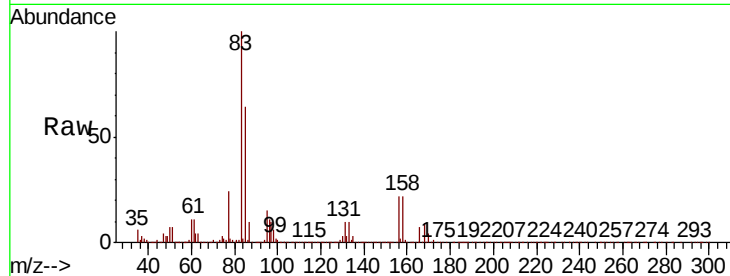
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.014 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	264082		
131	10.3	4.7	14.1	
85	64.3	32.6	97.7	

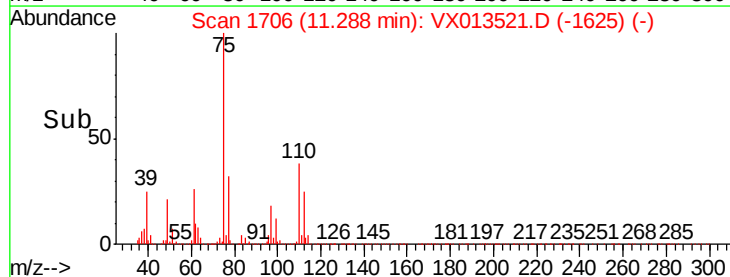
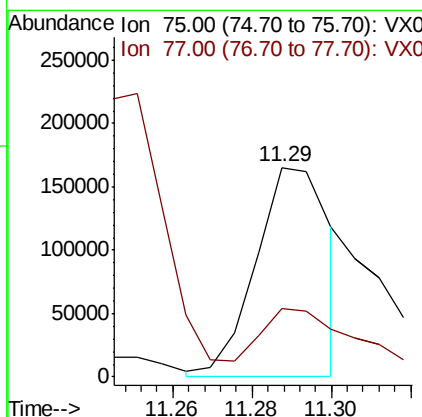
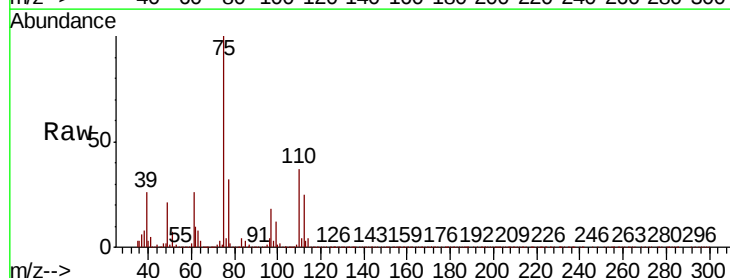
Manual Integrations
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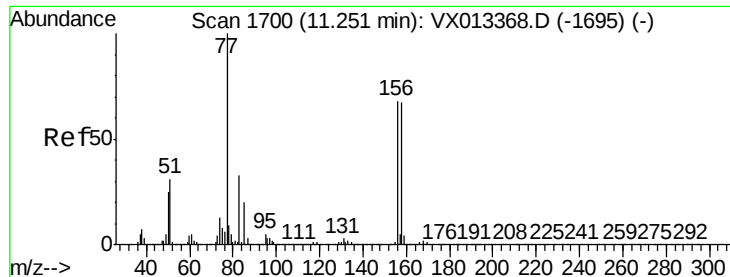
MMDadoda
 11/25/2019 10:40:39 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.327 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	214929		
77	40.4	0.0	86.2	





#73

Bromobenzene

Concen: 19.529 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

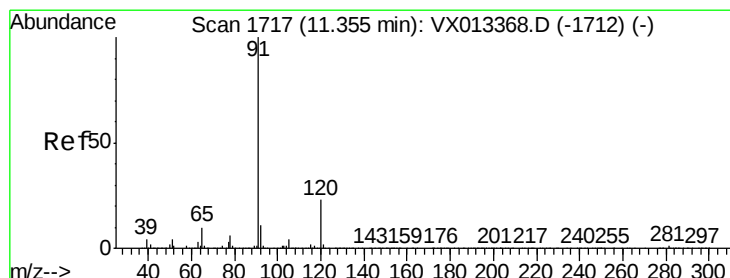
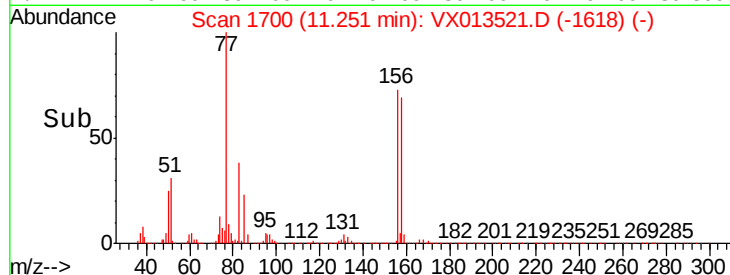
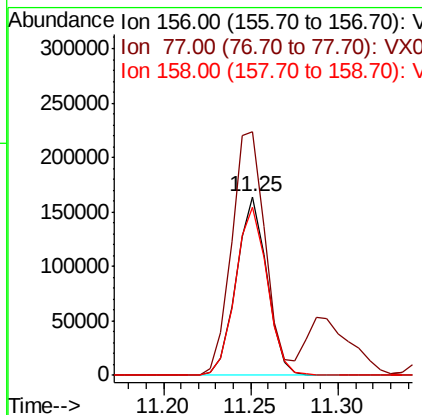
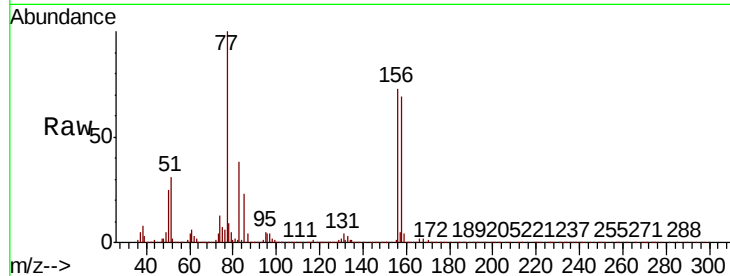
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	199778
Ion Ratio	Lower	Upper	
156	100		
77	150.8	0.0	308.8
158	97.8	0.0	197.0

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#74

n-propylbenzene

Concen: 19.890 ug/l

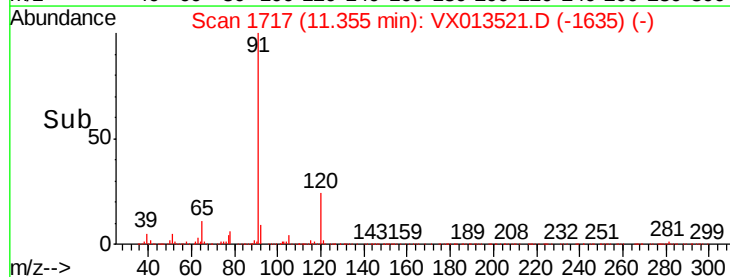
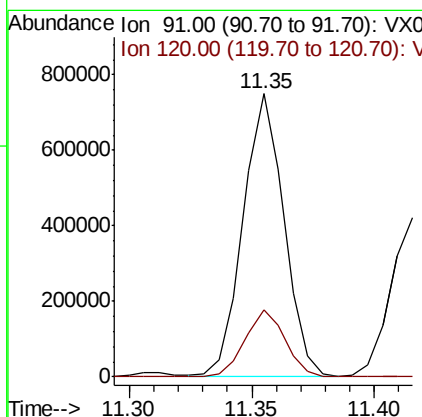
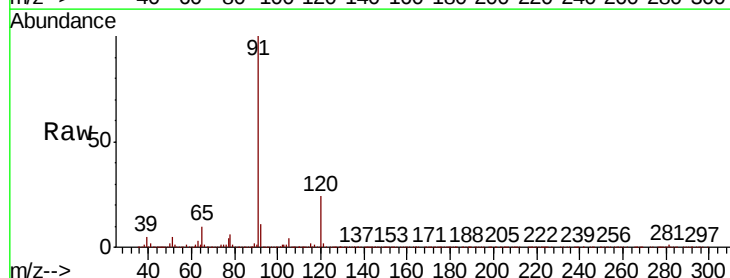
RT: 11.35 min Scan# 1717

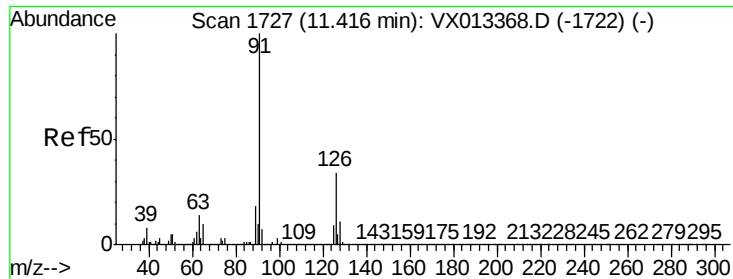
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	91	Resp:	876813
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.771 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 518282

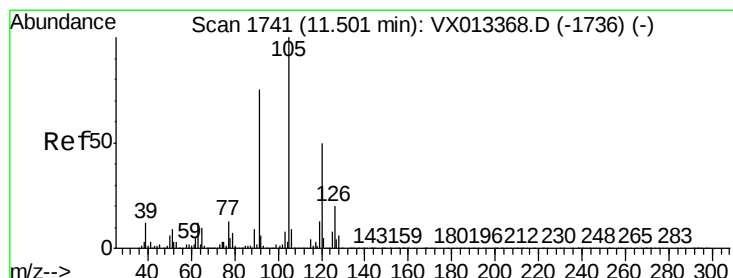
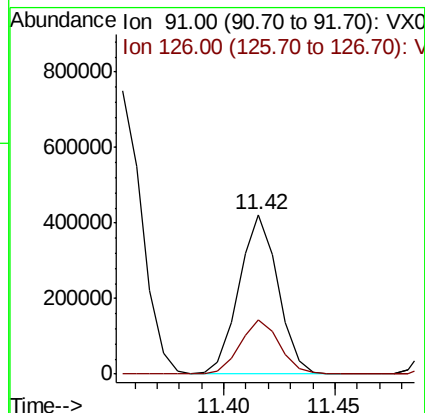
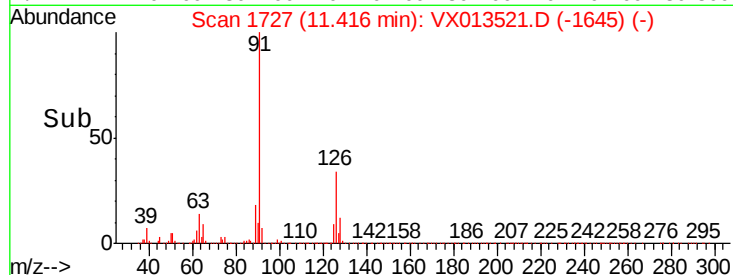
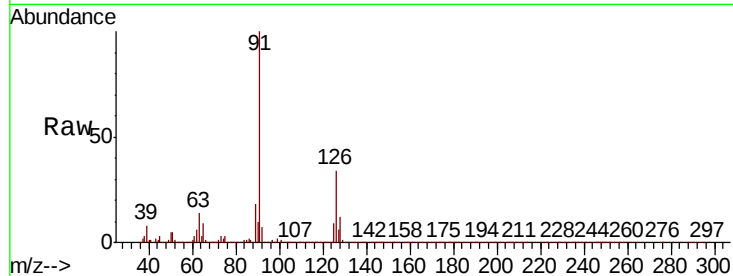
Ion Ratio Lower Upper

91 100

126 34.2 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.917 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013521.D

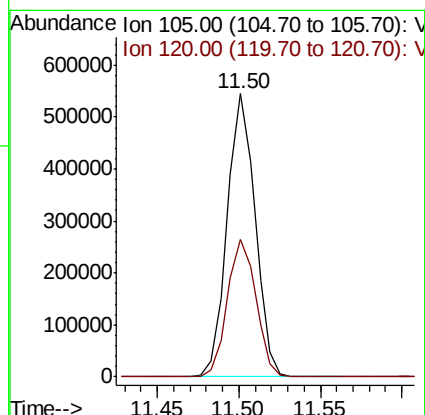
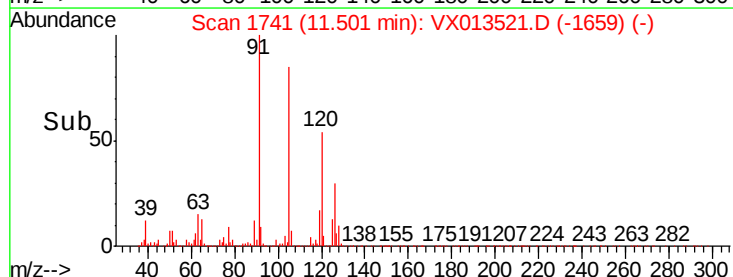
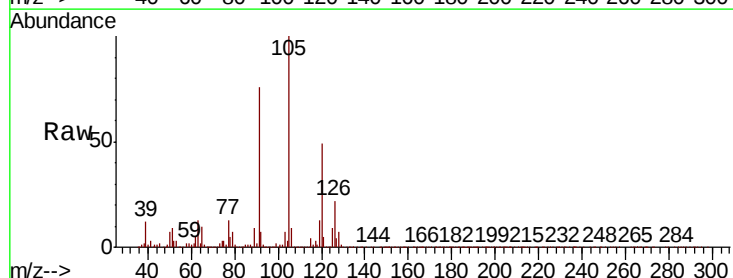
Acq: 22 Nov 2019 10:02

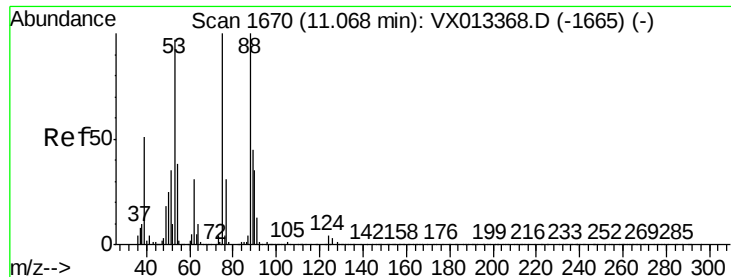
Tgt Ion: 105 Resp: 649399

Ion Ratio Lower Upper

105 100

120 49.6 0.0 100.0





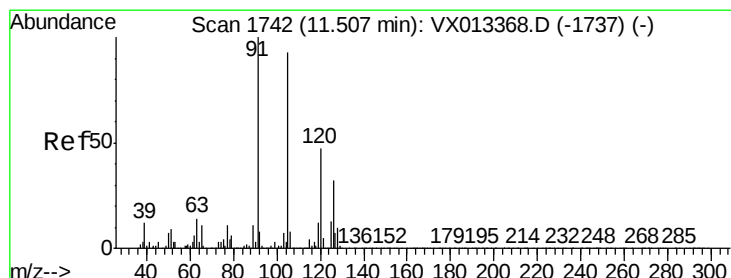
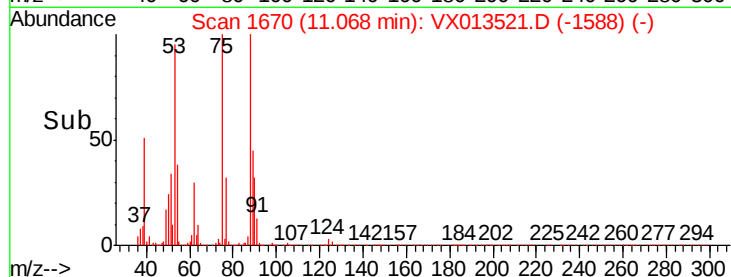
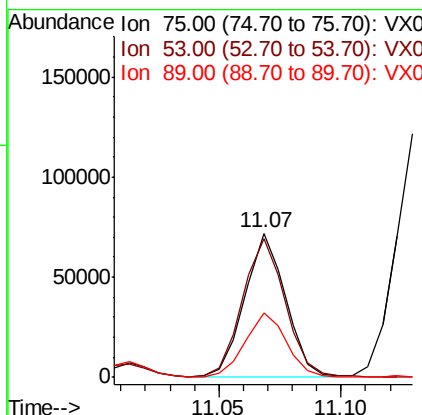
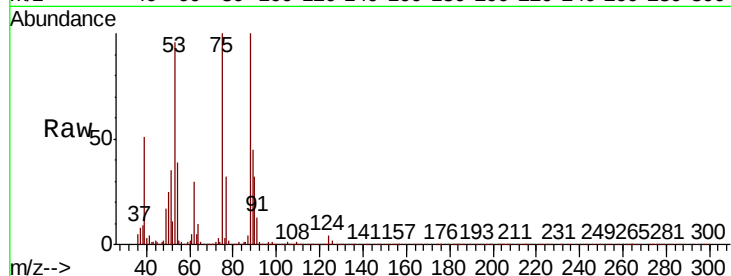
#77
t-1,4-Dichloro-2-butene
Concen: 17.799 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	48.8	146.3
89	44.9	22.3	66.8

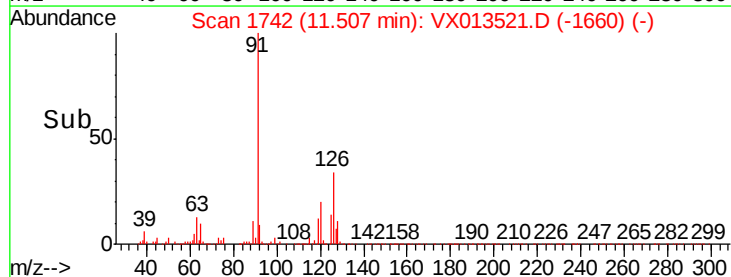
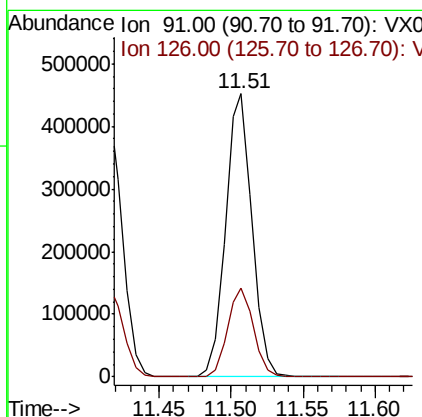
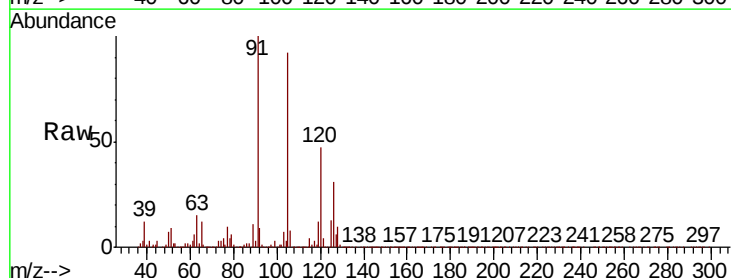
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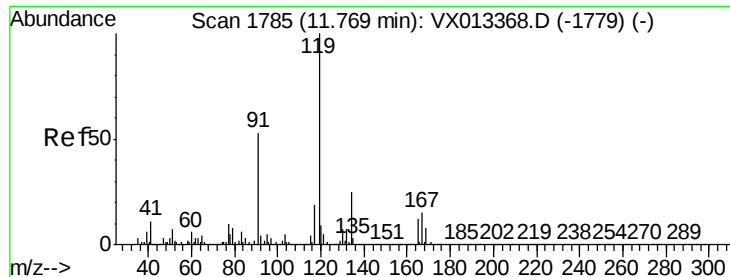
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.395 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	61.0





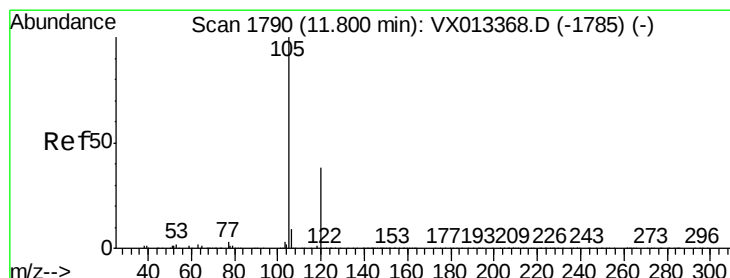
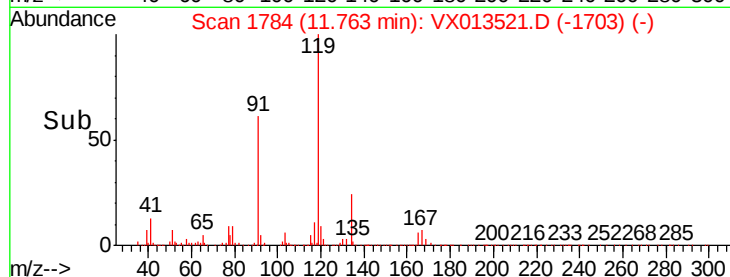
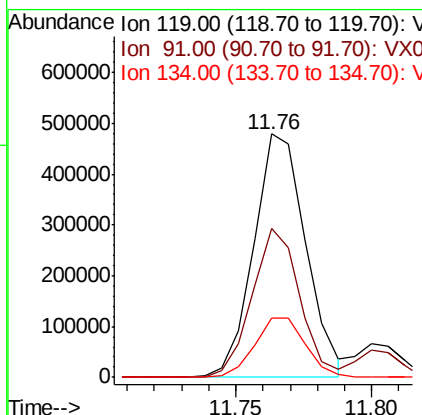
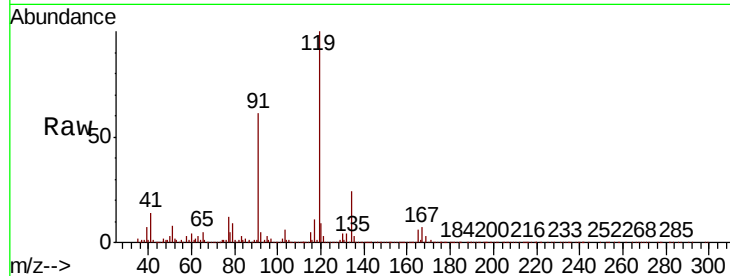
#79
tert-butylbenzene
Concen: 19.303 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	635022		
91	56.1	0.0	109.6	
134	24.3	0.0	47.8	

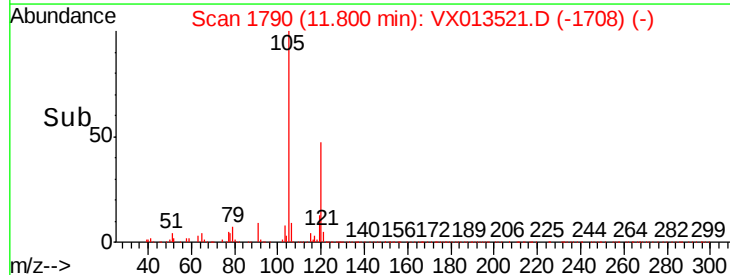
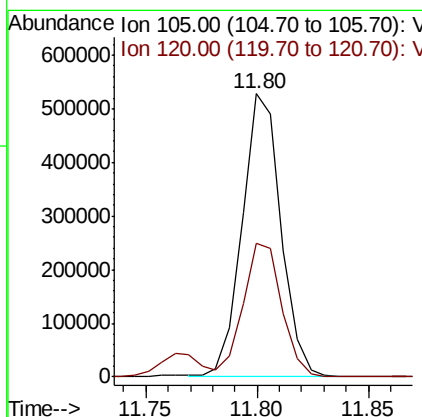
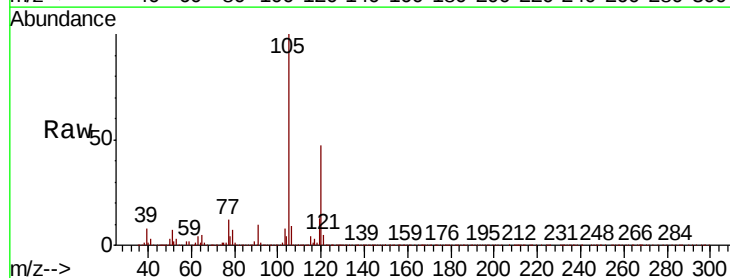
Manual Integrations
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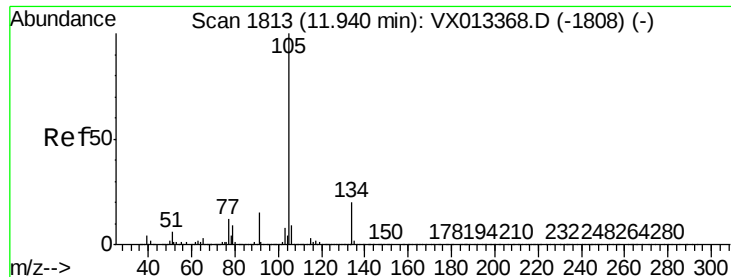
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#80
1,2,4-Trimethylbenzene
Concen: 19.742 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	641466		
120	47.0	0.0	94.0	





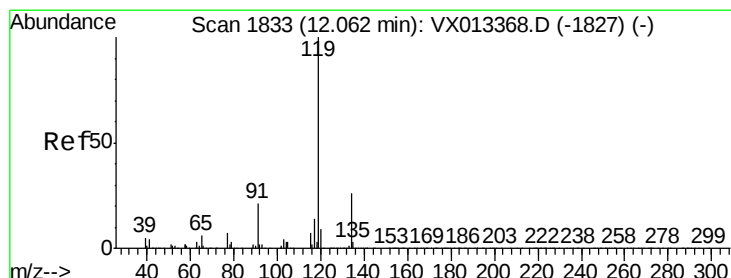
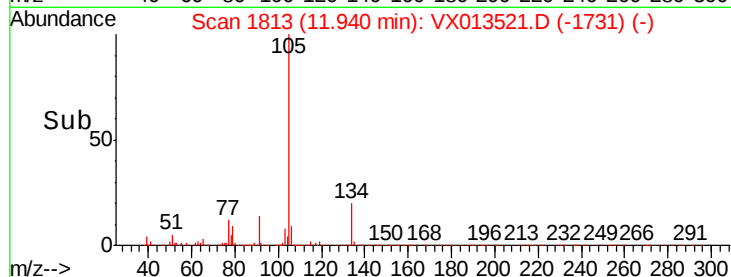
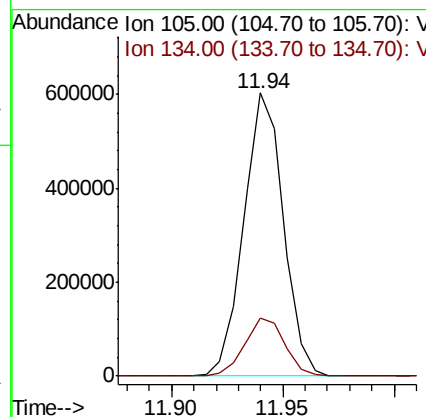
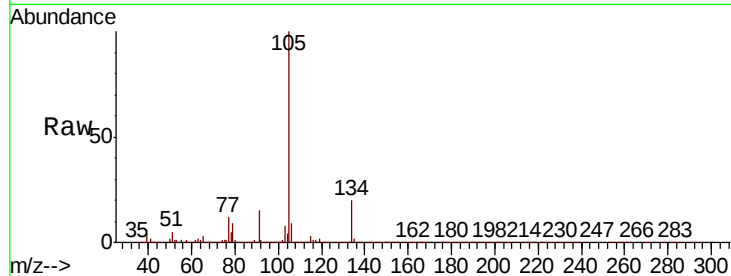
#81
 sec-Butylbenzene
 Concen: 19.873 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	0.0	41.2

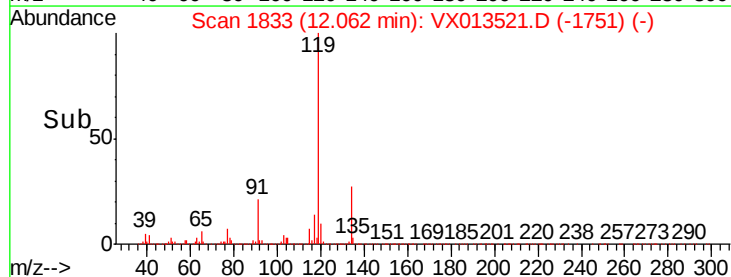
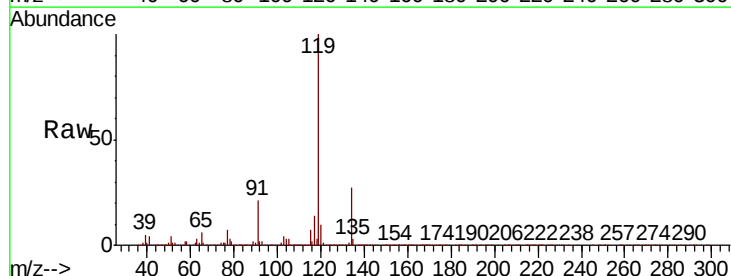
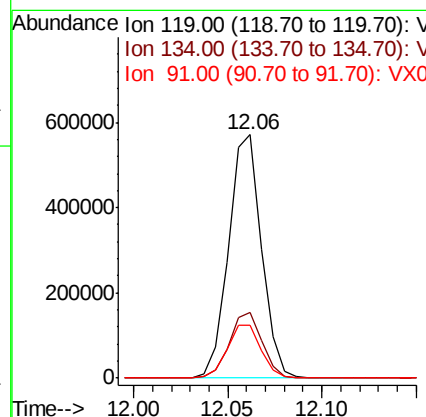
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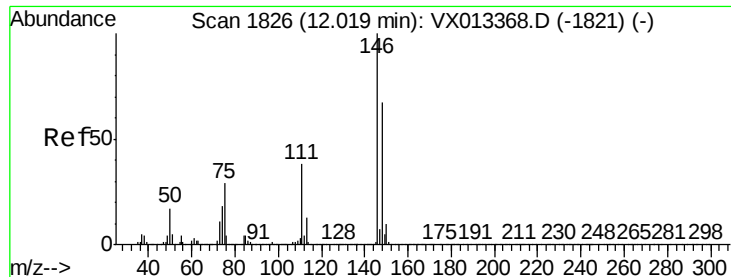
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#82
 p-Isopropyltoluene
 Concen: 19.879 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	51.6
91	22.3	0.0	44.2





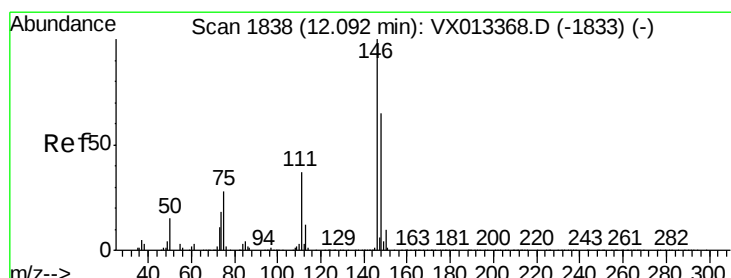
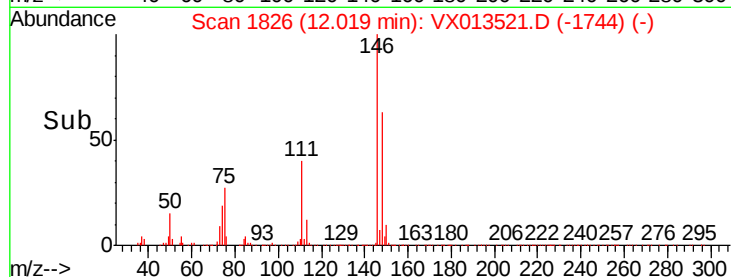
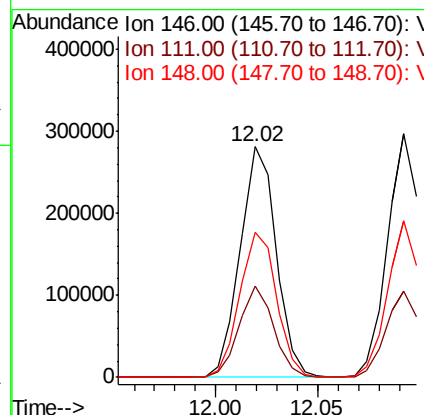
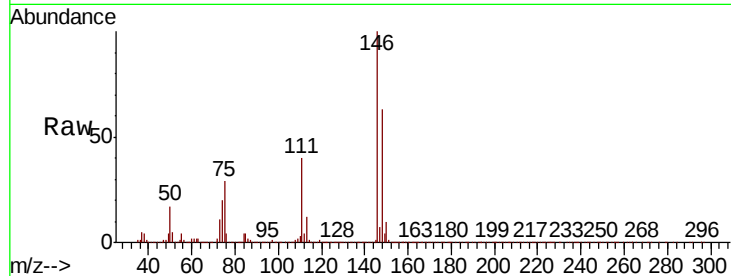
#83
 1,3-Dichlorobenzene
 Concen: 19.256 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	346325		
111	37.5	18.8	56.3	
148	64.0	32.3	96.9	

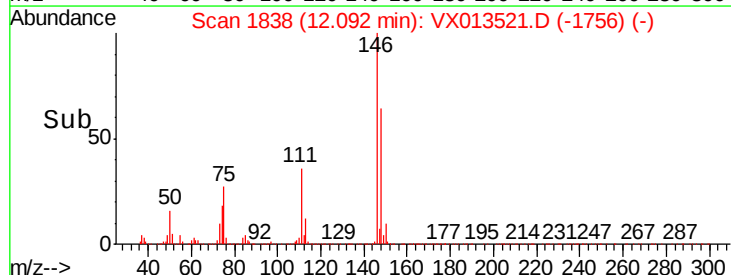
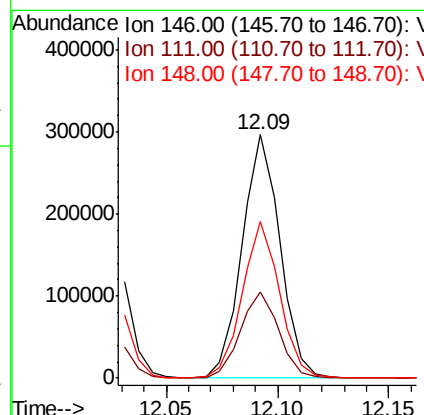
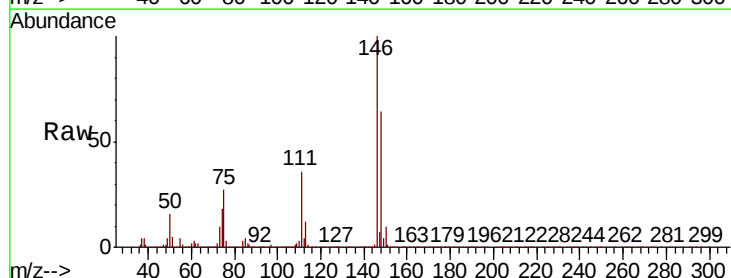
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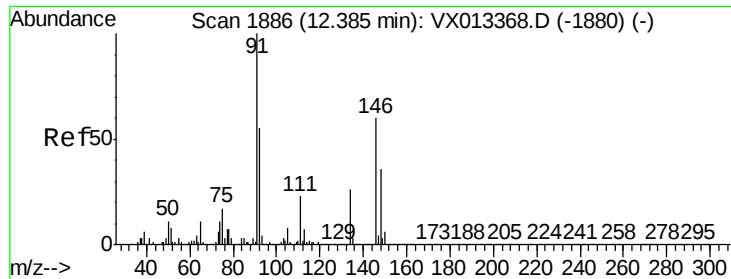
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#84
 1,4-Dichlorobenzene
 Concen: 19.713 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	351921		
111	35.7	18.6	55.6	
148	63.0	32.5	97.4	





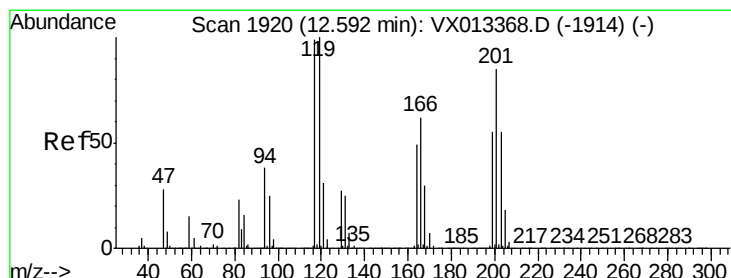
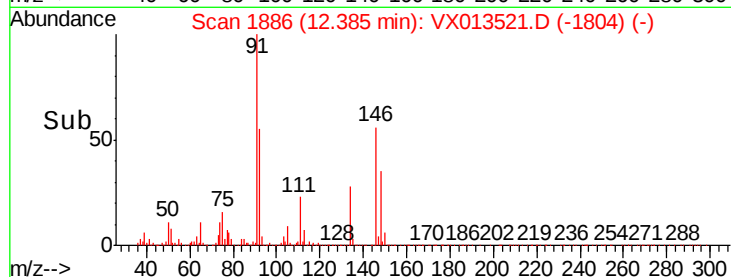
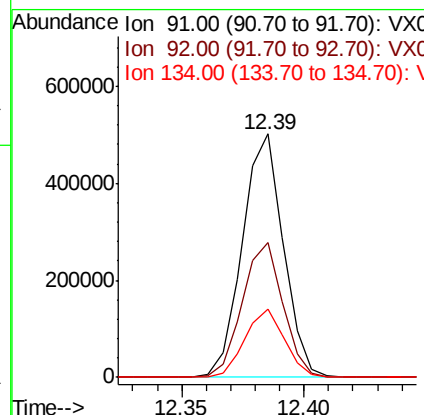
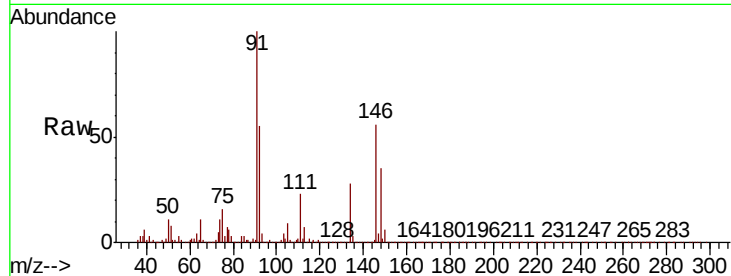
#85
n-Butylbenzene
Concen: 19.551 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	583537		
92	55.0	0.0	109.0	
134	27.5	0.0	53.0	

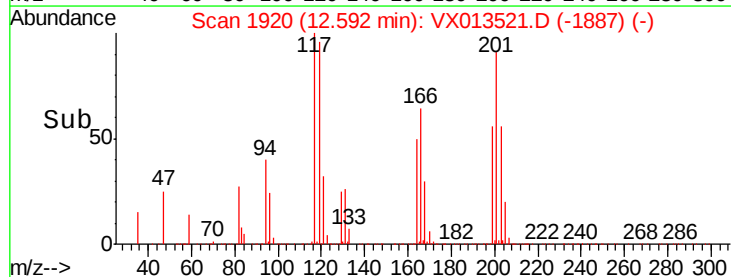
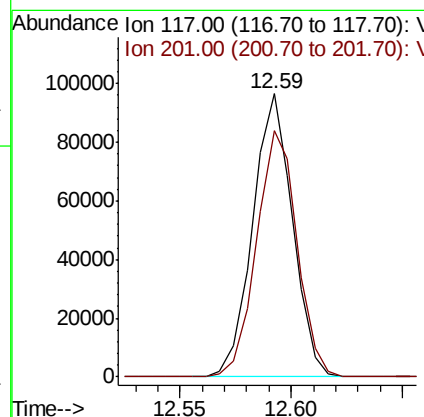
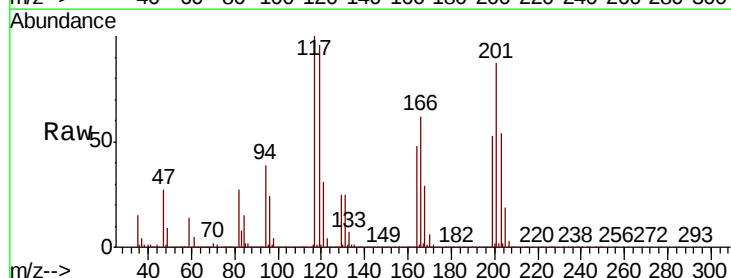
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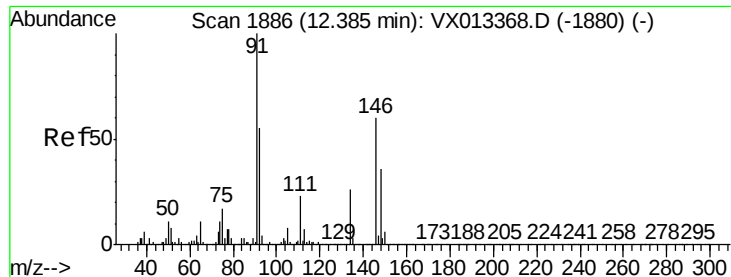
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#86
Hexachloroethane
Concen: 18.879 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119806		
201	88.8	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 19.349 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Instrument :

MSVOA_X

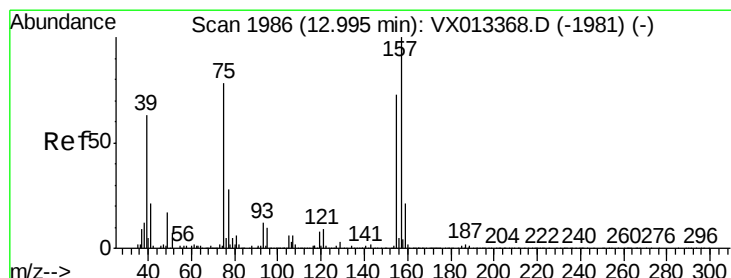
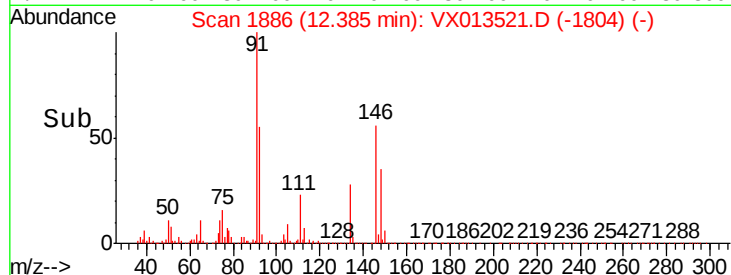
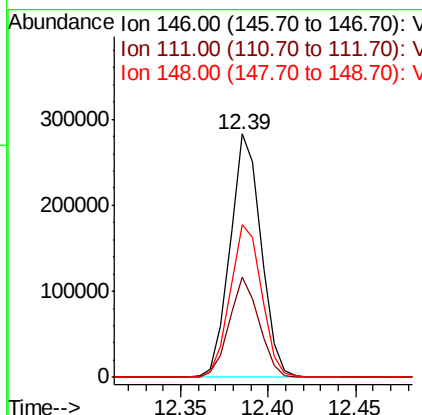
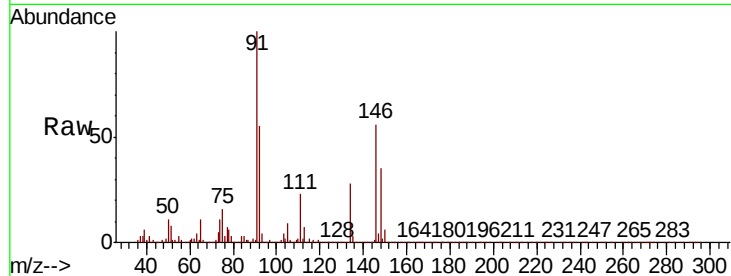
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	347964
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.7
148	64.1	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.819 ug/l

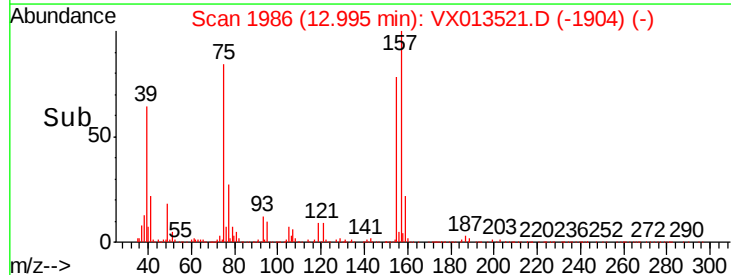
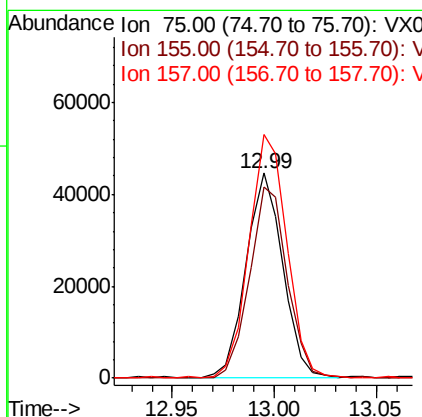
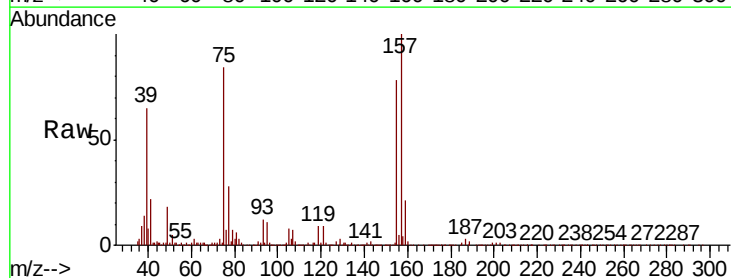
RT: 12.99 min Scan# 1986

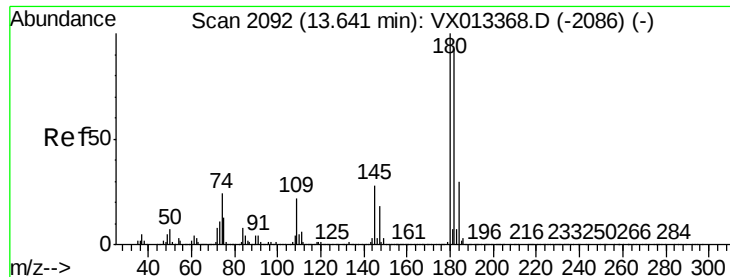
Delta R.T. 0.00 min

Lab File: VX013521.D

Acq: 22 Nov 2019 10:02

Tgt Ion:	75	Resp:	55347
Ion Ratio	Lower	Upper	
75	100		
155	96.1	76.9	115.3
157	124.0	101.2	151.8





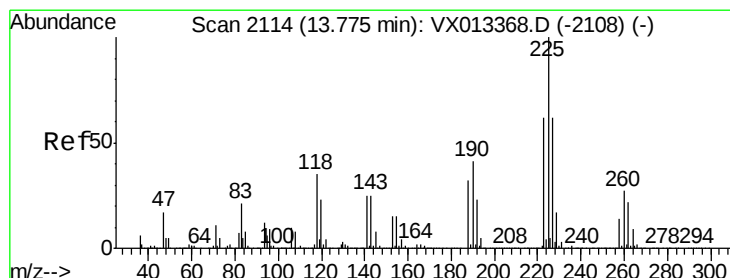
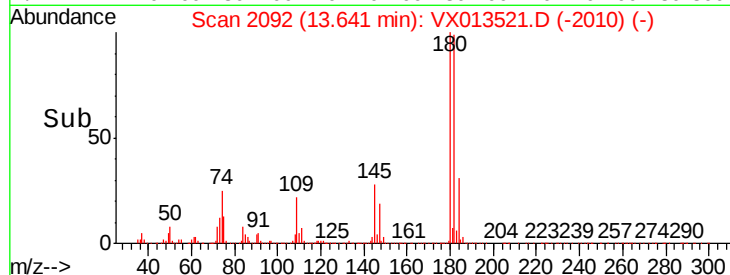
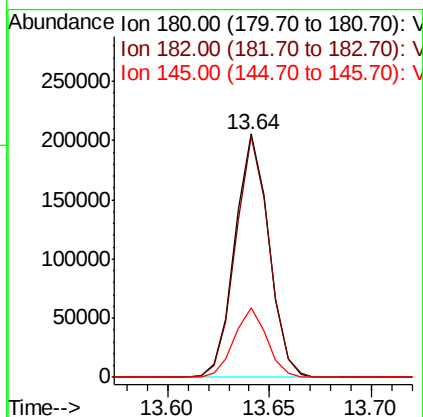
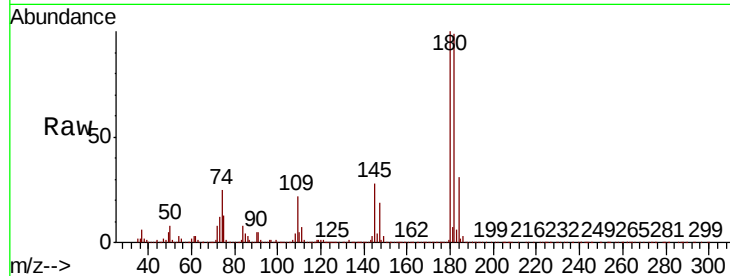
#89
 1,2,4-Trichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	236511		
182	97.7	74.7	112.1	
145	27.5	22.1	33.1	

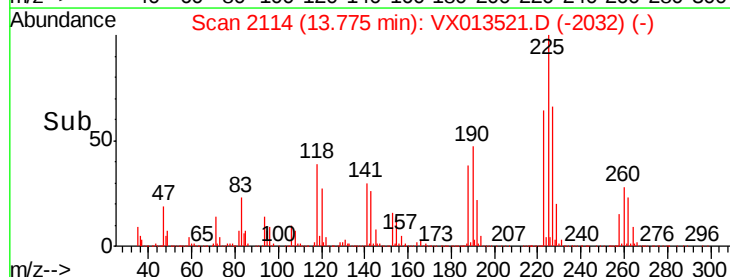
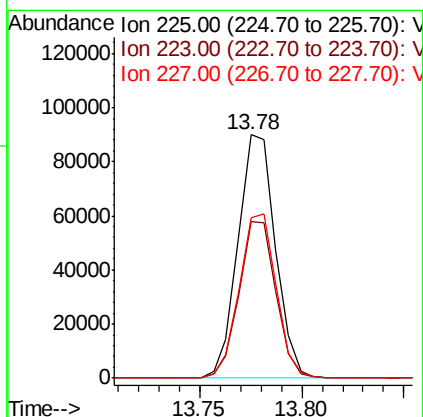
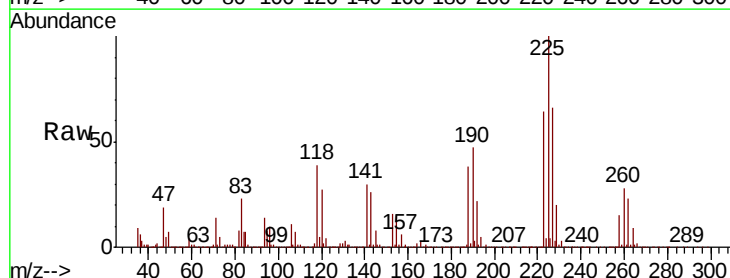
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#90
 Hexachlorobutadiene
 Concen: 19.299 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013521.D
 Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114676		
223	63.6	0.0	123.0	
227	66.5	0.0	121.8	





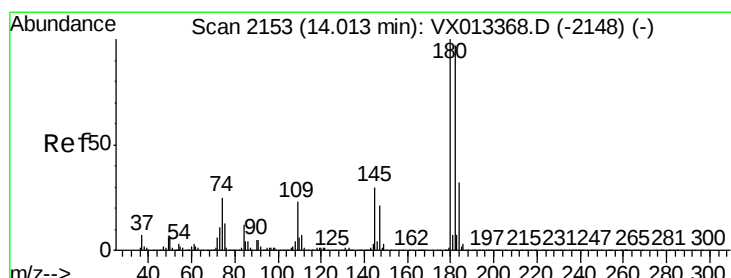
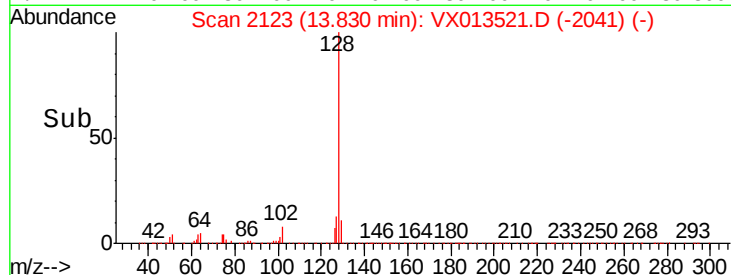
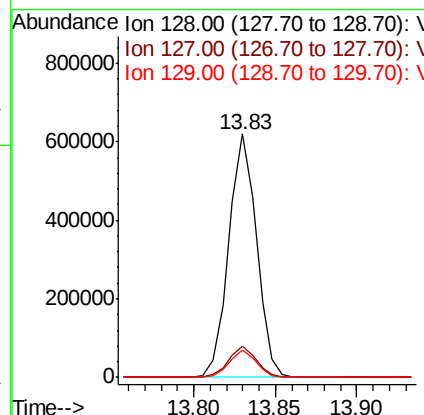
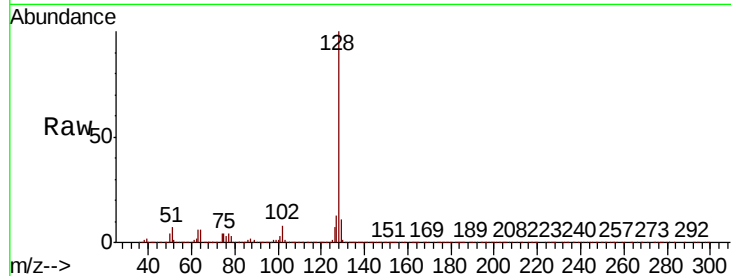
#91
Naphthalene
Concen: 18.729 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 19.371 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013521.D
Acq: 22 Nov 2019 10:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	191.0
145	29.4	0.0	59.0

