

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015246.D
 Acq On : 13 Mar 2020 10:03
 Operator : JC/SP
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:25 PM

Quant Time: Mar 16 08:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	300067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	444356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	156852	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	
35) Dibromofluoromethane	5.48	113	135358	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	8.71	98	522038	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	189713	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	45216	17.208	ug/l	99
3) Chloromethane	1.32	50	61461	16.513	ug/l	100
4) Vinyl Chloride	1.40	62	63856	16.919	ug/l	94
5) Bromomethane	1.64	94	41039	17.687	ug/l	98
6) Chloroethane	1.72	64	38210	16.877	ug/l	100
7) Trichlorofluoromethane	1.93	101	79049	17.602	ug/l	97
8) Diethyl Ether	2.18	74	35780	17.591	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50974	18.041	ug/l	98
10) Methyl Iodide	2.50	142	44994	14.095	ug/l	99
11) Tert butyl alcohol	3.03	59	57444	93.005	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49331	16.917	ug/l	98
13) Acrolein	2.28	56	49211	84.783	ug/l	98
14) Allyl chloride	2.72	41	94041	18.496	ug/l	94
15) Acrylonitrile	3.13	53	148462	96.518	ug/l	99
16) Acetone	2.44	43	135048	93.673	ug/l	95
17) Carbon Disulfide	2.56	76	129438	15.984	ug/l	100
18) Methyl Acetate	2.76	43	66806	18.951	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	167620	18.395	ug/l	97
20) Methylene Chloride	2.85	84	58046	17.204	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	55040	17.677	ug/l	98
22) Diisopropyl ether	3.84	45	200633	19.806	ug/l	96
23) Vinyl Acetate	3.80	43	807212	96.940	ug/l	99
24) 1,1-Dichloroethane	3.69	63	103811	18.465	ug/l	97
25) 2-Butanone	4.65	43	209403	99.213	ug/l	99
26) 2,2-Dichloropropane	4.57	77	81408	18.240	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	64003	18.323	ug/l	99
28) Bromochloromethane	5.00	49	54741	21.382	ug/l	96
29) Tetrahydrofuran	5.12	42	132368	97.291	ug/l	97
30) Chloroform	5.20	83	100806	18.396	ug/l	97
31) Cyclohexane	5.58	56	94461	18.836	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	83481	18.378	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74411	18.114	ug/l	98
37) Ethyl Acetate	4.81	43	80195	21.046	ug/l	99
38) Carbon Tetrachloride	5.77	117	70238	18.114	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Mar 16 08:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92845	19.356	ug/l	99
40) Benzene	6.13	78	232891	19.109	ug/l	99
41) Methacrylonitrile	5.03	41	44766	19.559	ug/l	97
42) 1,2-Dichloroethane	6.18	62	76595	18.301	ug/l	96
43) Isopropyl Acetate	6.43	43	129305	19.289	ug/l	97
44) Trichloroethene	7.20	130	63323	18.656	ug/l	91
45) 1,2-Dichloropropane	7.50	63	60863	19.293	ug/l	94
46) Dibromomethane	7.65	93	37843	18.411	ug/l	96
47) Bromodichloromethane	7.89	83	76771	18.887	ug/l	98
48) Methyl methacrylate	7.76	41	67233	19.706	ug/l	95
49) 1,4-Dioxane	7.74	88	29765	403.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	405846	102.397	ug/l	100
52) Toluene	8.78	92	144269	19.360	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	82783	19.134	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	96863	19.804	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58593	19.103	ug/l	98
56) Ethyl methacrylate	9.17	69	89022	20.348	ug/l	97
57) 1,3-Dichloropropane	9.36	76	101586	19.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	235255	98.708	ug/l	100
59) 2-Hexanone	9.48	43	305747	104.079	ug/l	98
60) Dibromochloromethane	9.57	129	61823	19.188	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61612	19.125	ug/l	98
64) Tetrachloroethene	9.33	164	66509	19.693	ug/l	97
65) Chlorobenzene	10.14	112	158171	19.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57269	18.520	ug/l	98
67) Ethyl Benzene	10.25	91	271455	19.493	ug/l	99
68) m/p-Xylenes	10.35	106	207108	39.090	ug/l	100
69) o-Xylene	10.69	106	99395	19.594	ug/l	99
70) Styrene	10.71	104	172556	19.839	ug/l	99
71) Bromoform	10.85	173	44878	18.715	ug/l	99
73) Isopropylbenzene	11.01	105	268040	19.649	ug/l	100
74) N-amyl acetate	10.89	43	111927	19.469	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	84963	18.689	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70212m	16.483	ug/l	
77) Bromobenzene	11.25	156	70898	18.649	ug/l	99
78) n-propylbenzene	11.35	91	310741	19.938	ug/l	99
79) 2-Chlorotoluene	11.42	91	182202	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	225022	19.815	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27284	18.178	ug/l	99
82) 4-Chlorotoluene	11.51	91	210314	19.127	ug/l	99
83) tert-Butylbenzene	11.76	119	220265	20.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	227864	19.973	ug/l	100
85) sec-Butylbenzene	11.94	105	265508	20.030	ug/l	100
86) p-Isopropyltoluene	12.06	119	247245	20.245	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127751	19.115	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	127805	18.523	ug/l	99
89) n-Butylbenzene	12.38	91	214262	19.726	ug/l	99
90) Hexachloroethane	12.59	117	40677	17.618	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	124809	18.784	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16948	18.617	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
VX0313WBS01

Manual Integrations
APPROVED

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Quant Time: Mar 16 08:41:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	90620	19.648	ug/l	99
94) Hexachlorobutadiene	13.77	225	47749	20.175	ug/l	98
95) Naphthalene	13.83	128	246616	18.371	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	91941	19.979	ug/l	100

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

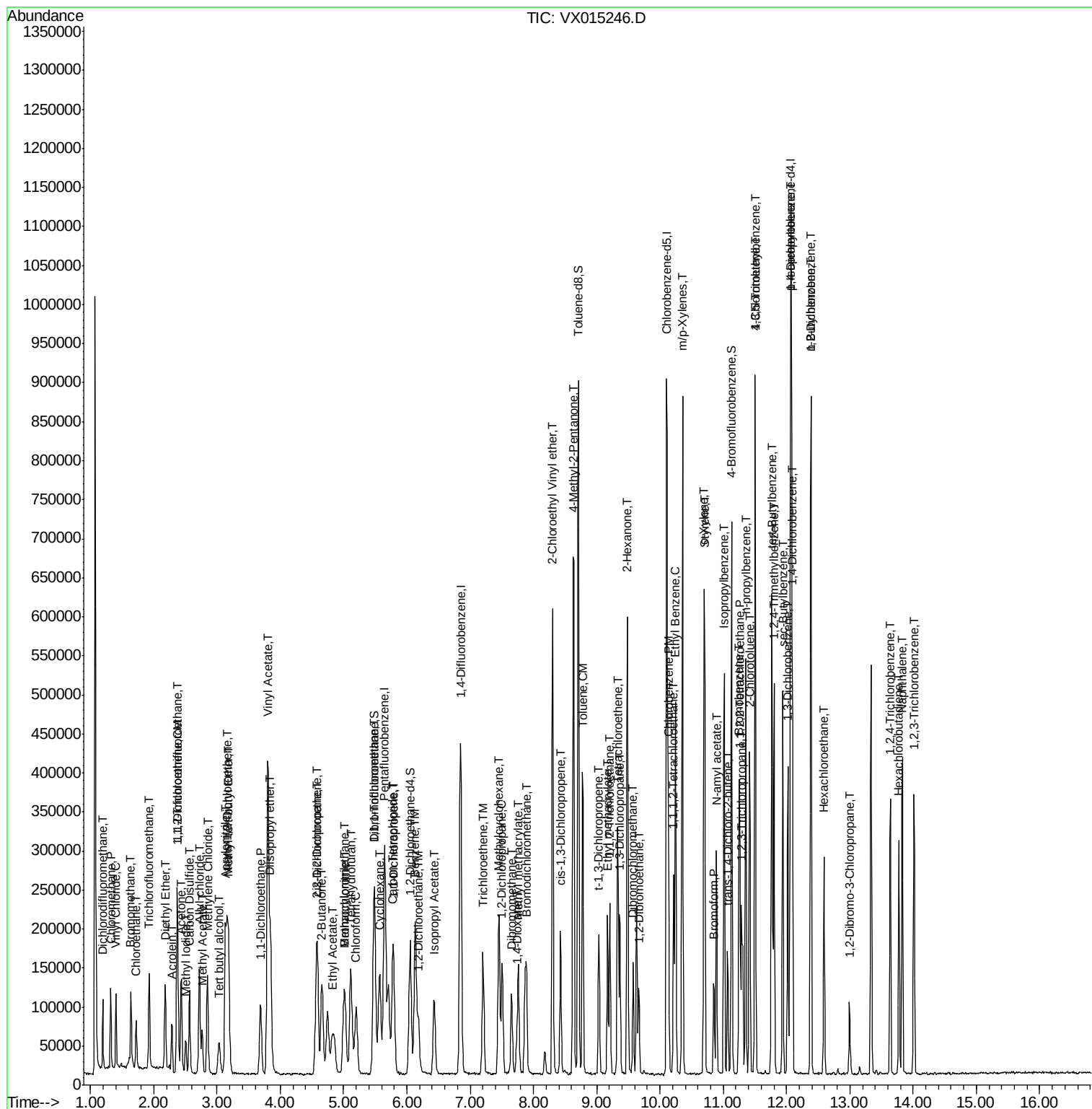
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Data File : VX015246.D
Acq On : 13 Mar 2020 10:03
Operator : JC/SP
Sample : VX0313WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

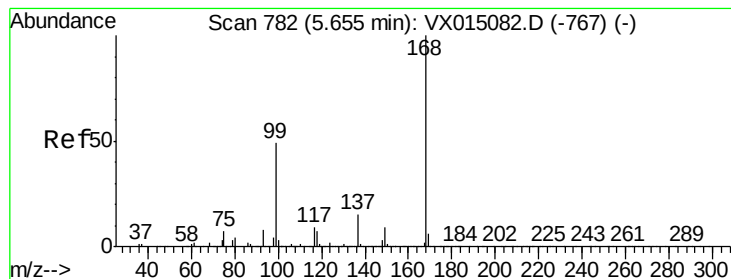
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Manual Integrations
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Quant Time: Mar 16 08:41:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion:168 Resp: 300067

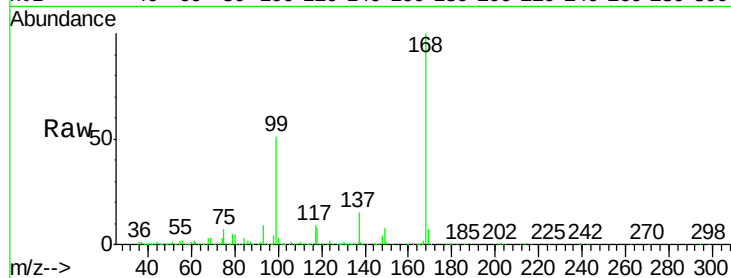
Ion Ratio Lower Upper

168 100

99 50.8 39.4 59.2

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

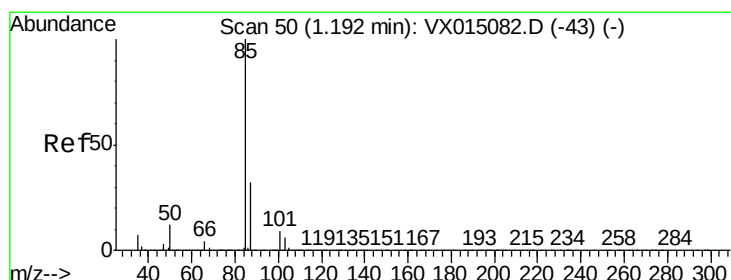
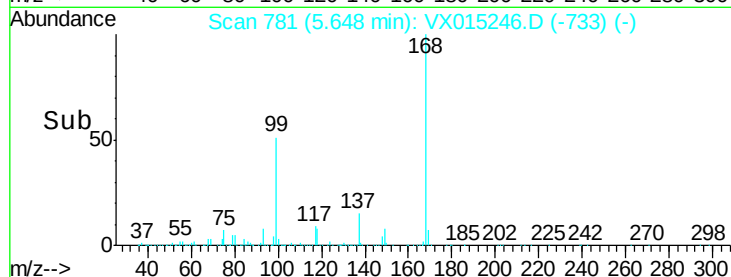
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.208 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015246.D

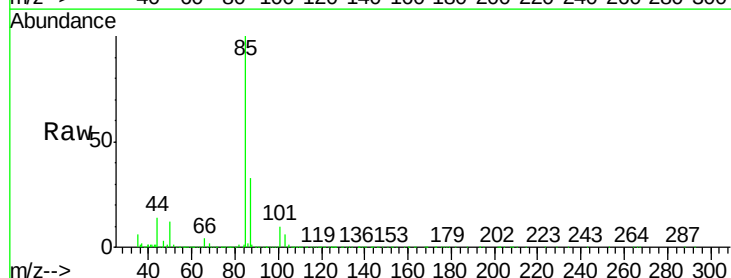
Acq: 13 Mar 2020 10:03

Tgt Ion: 85 Resp: 45216

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

50000

40000

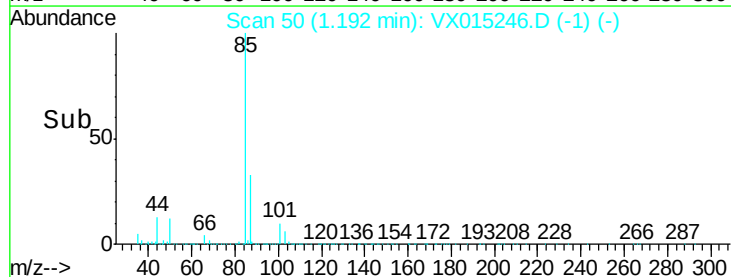
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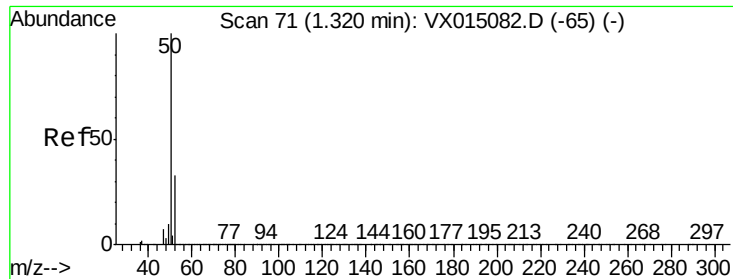
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10000

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Time-->





#3

Chloromethane

Concen: 16.513 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 50 Resp: 61461

Ion Ratio Lower Upper

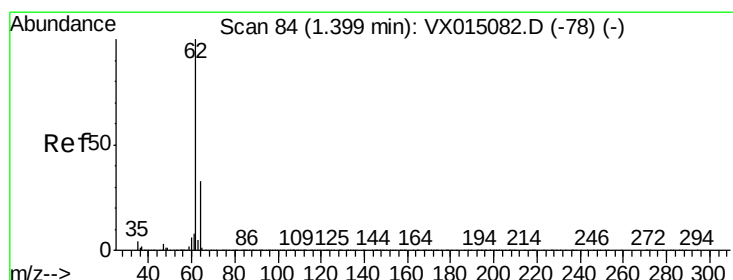
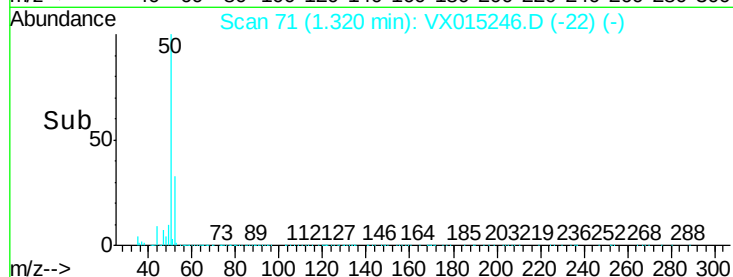
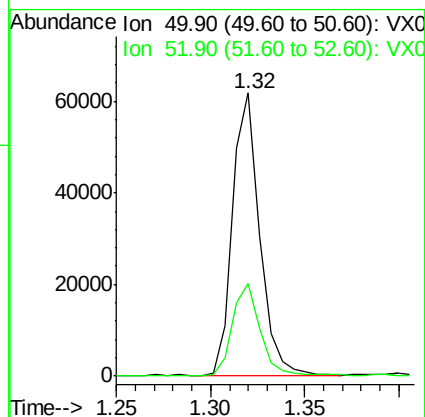
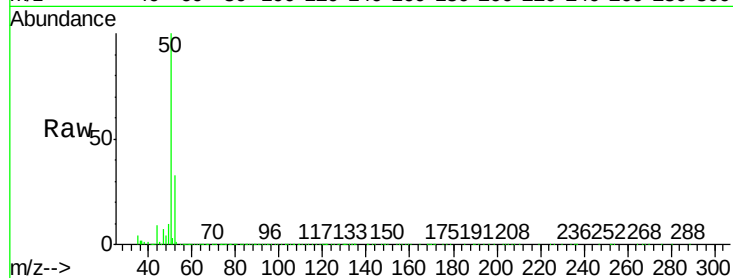
50 100

52 32.5 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.919 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015246.D

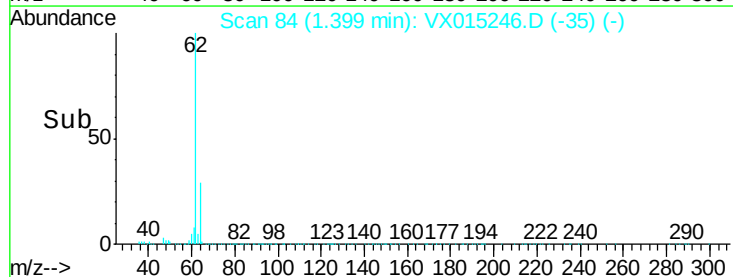
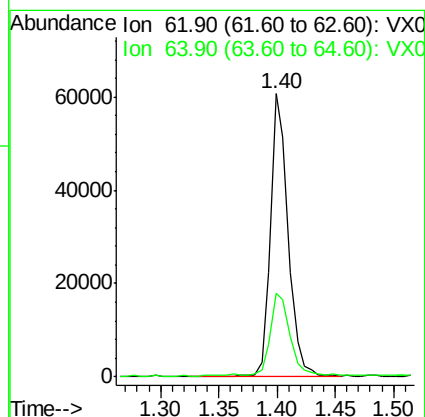
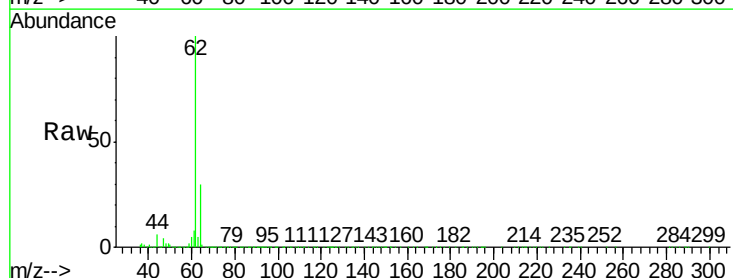
Acq: 13 Mar 2020 10:03

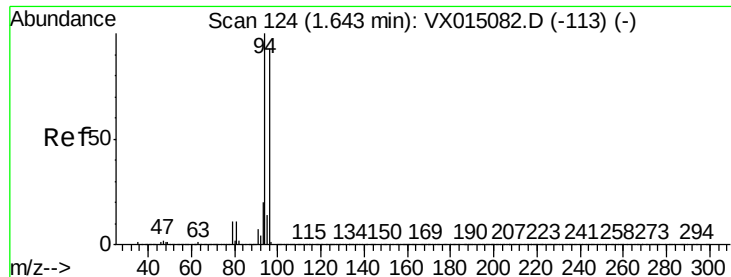
Tgt Ion: 62 Resp: 63856

Ion Ratio Lower Upper

62 100

64 29.1 26.1 39.1





#5

Bromomethane

Concen: 17.687 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 94 Resp: 41039

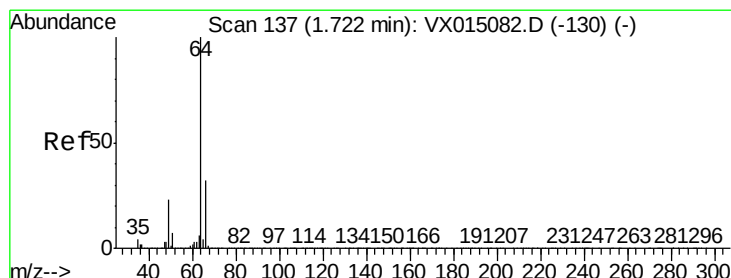
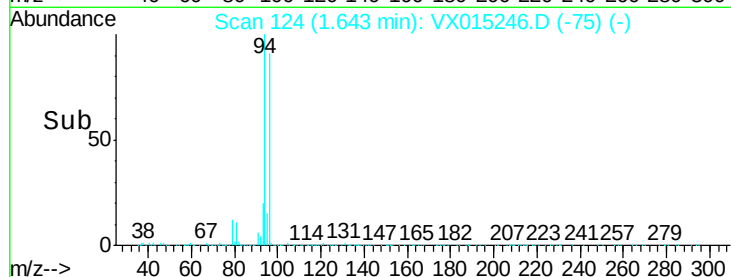
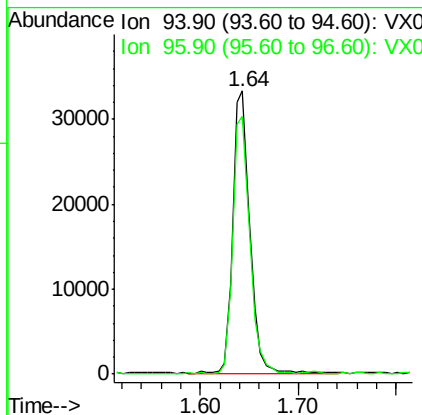
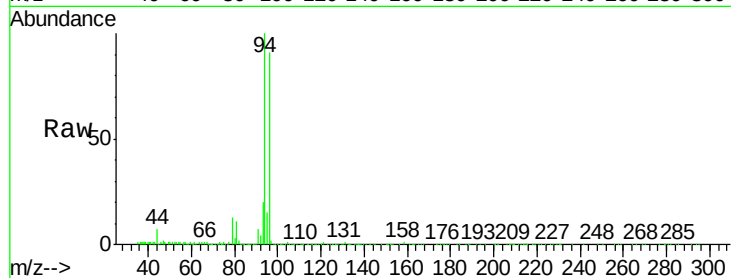
Ion Ratio Lower Upper

94 100

96 90.8 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 16.877 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015246.D

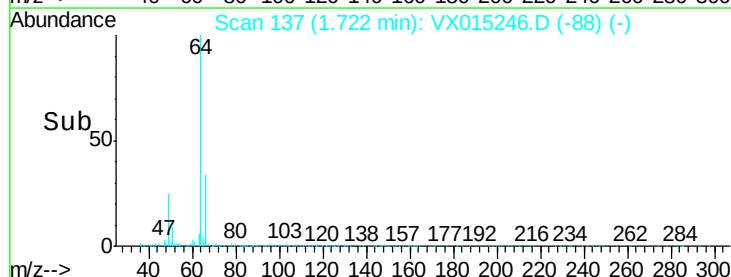
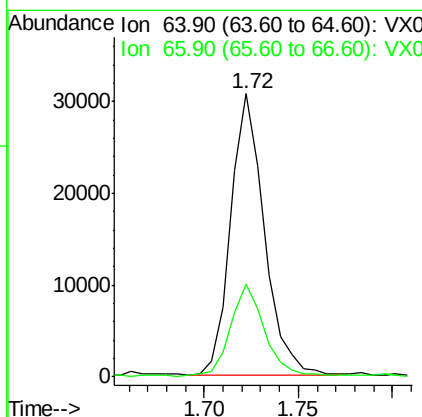
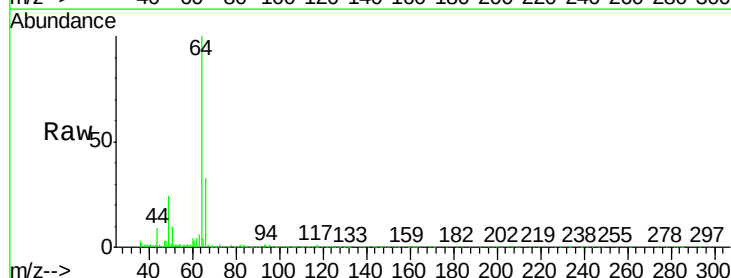
Acq: 13 Mar 2020 10:03

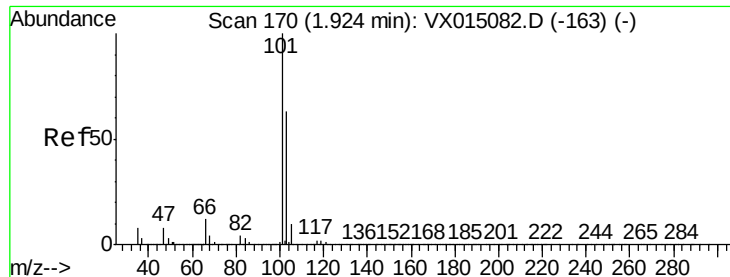
Tgt Ion: 64 Resp: 38210

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.8





#7

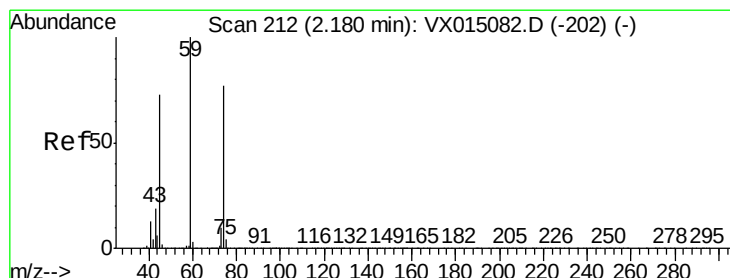
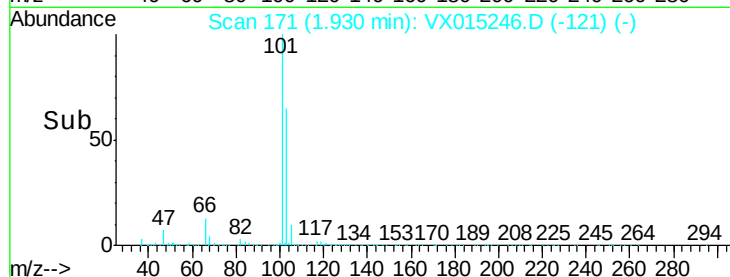
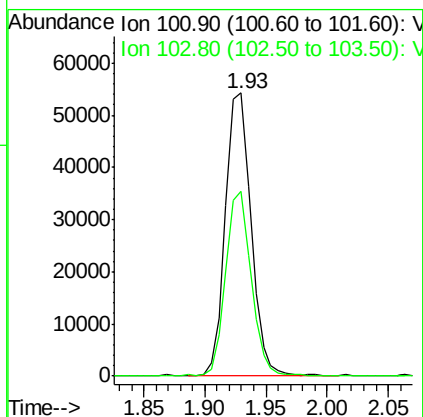
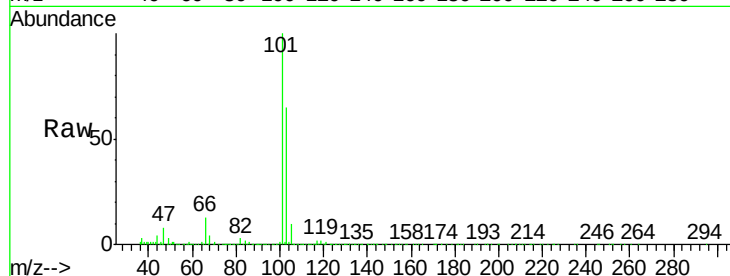
Trichlorofluoromethane
Concen: 17.602 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.4	75.6

Manual Integrations
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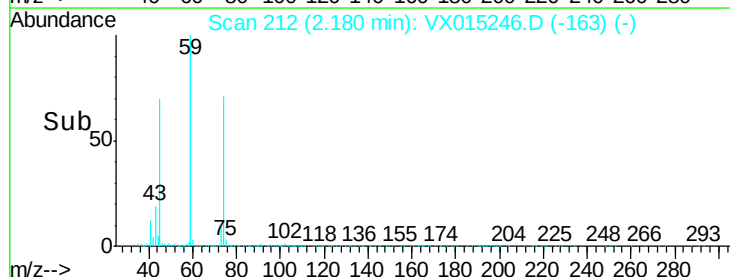
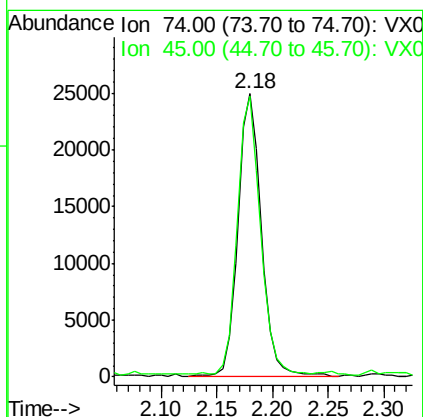
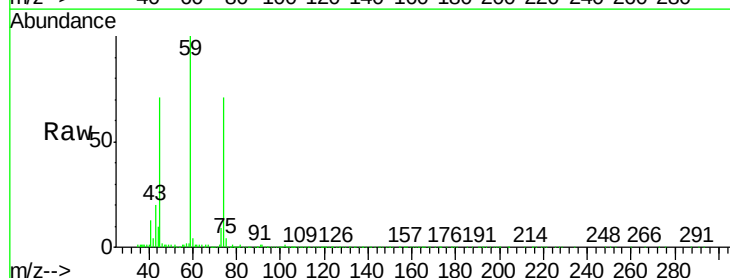
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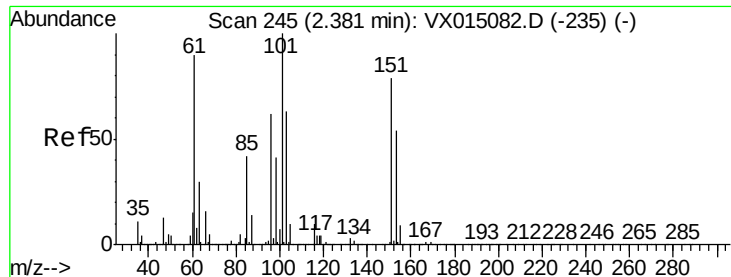


#8

Diethyl Ether
Concen: 17.591 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.041 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

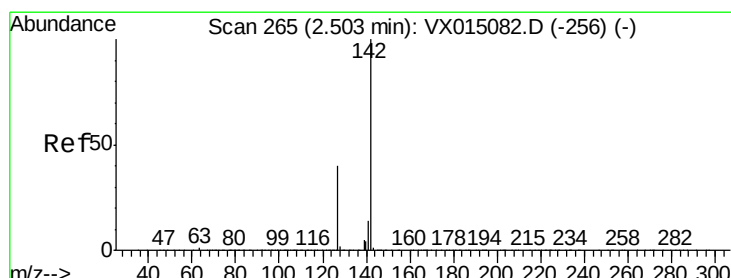
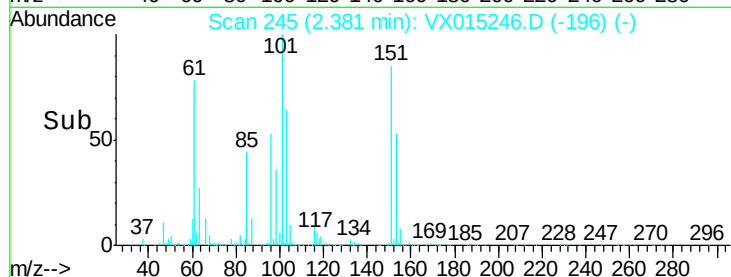
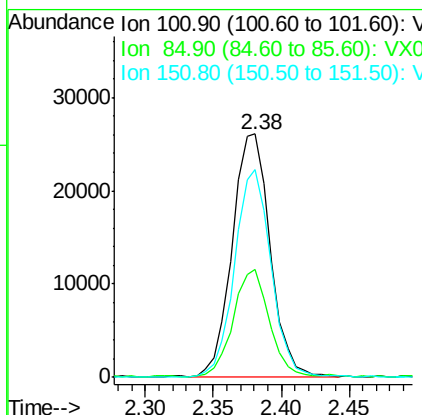
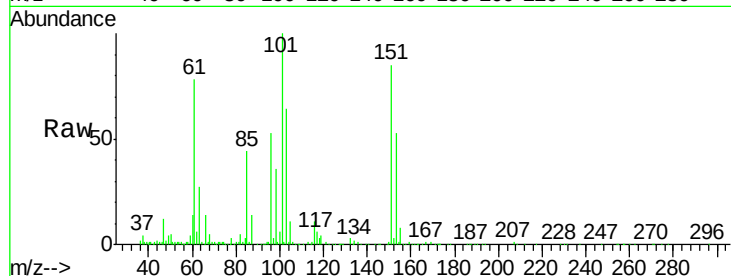
ClientSampleId :

VX0313WBS01

Tot Ion:	101	Resp:	50974
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	82.1	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 14.095 ug/l

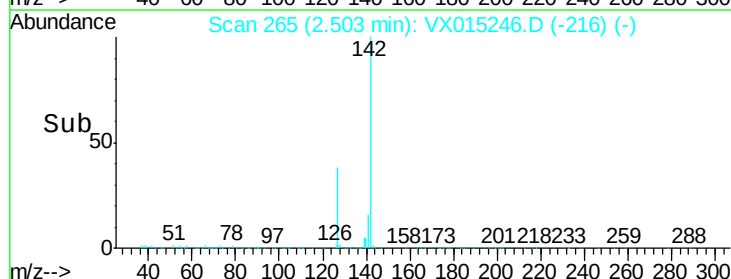
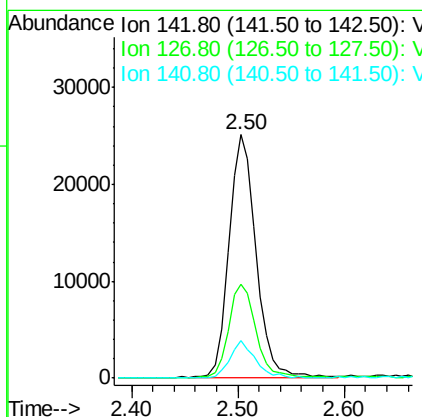
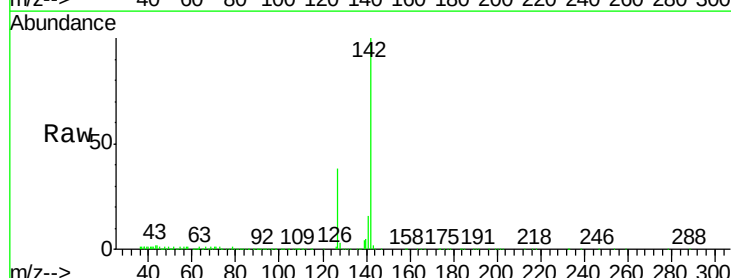
RT: 2.50 min Scan# 265

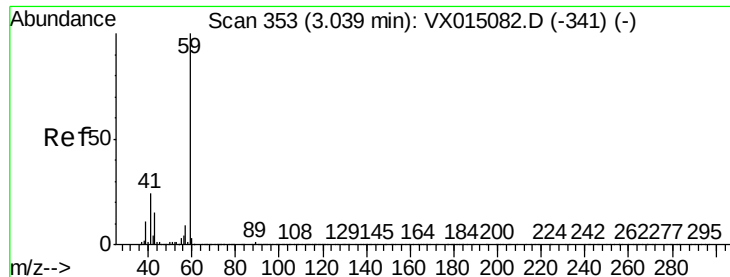
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	142	Resp:	44994
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.7	47.5
141	14.5	11.3	16.9





#11

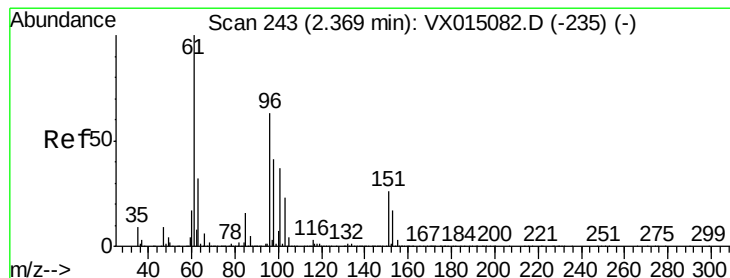
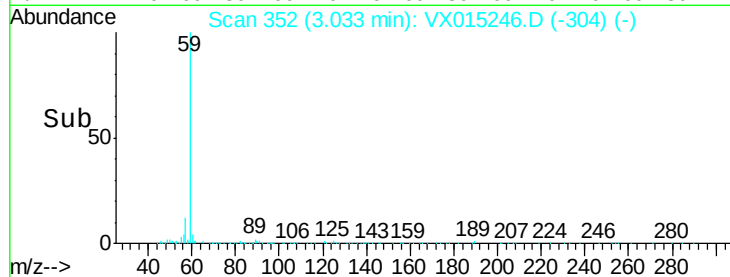
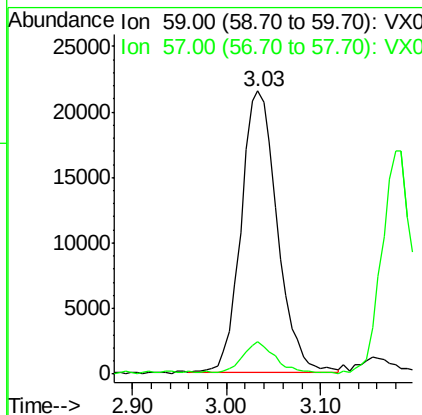
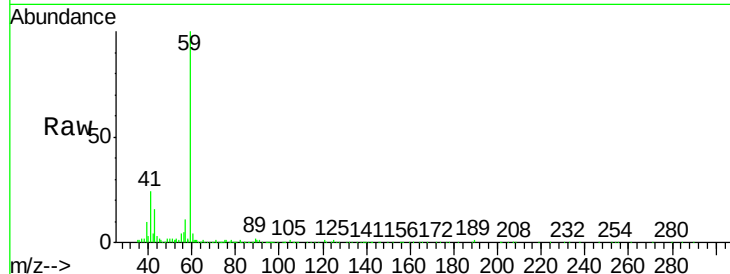
Tert butyl alcohol
Concen: 93.005 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.4

Manual Integrations
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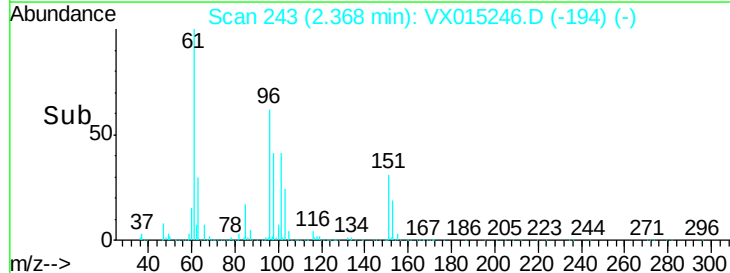
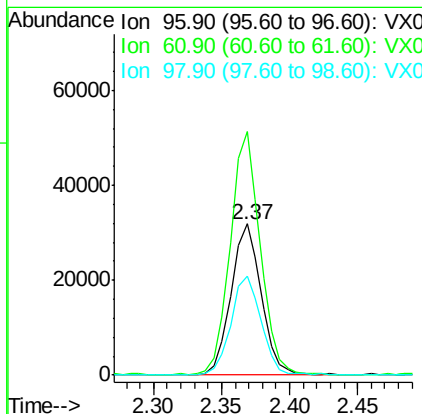
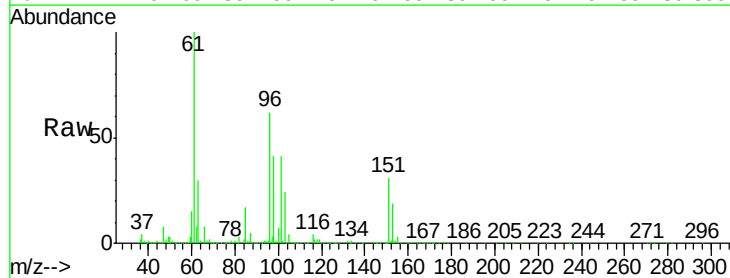
MMDadoda
3/16/2020 2:07:25 PM

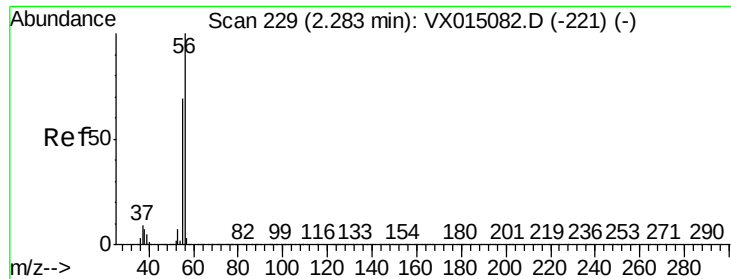


#12

1,1-Dichloroethene
Concen: 16.917 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	126.2	189.4
98	65.5	51.4	77.0





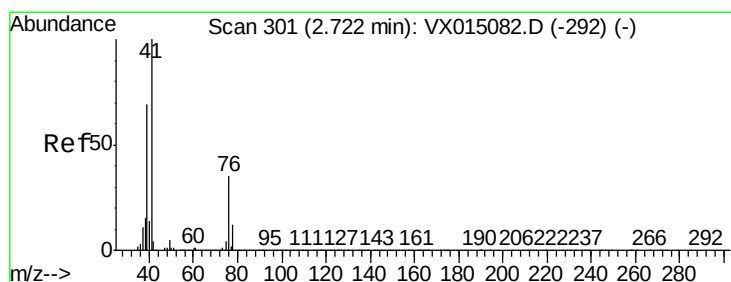
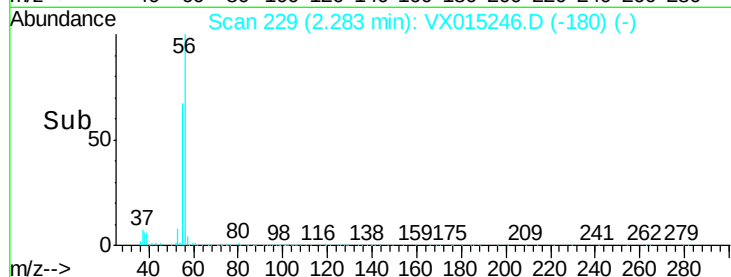
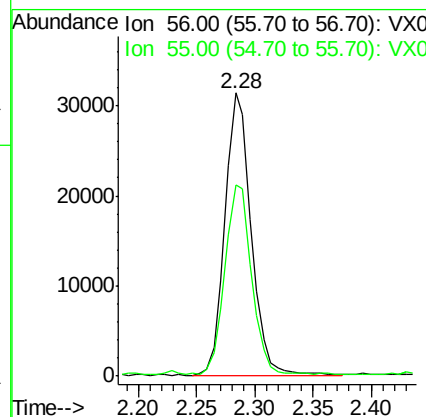
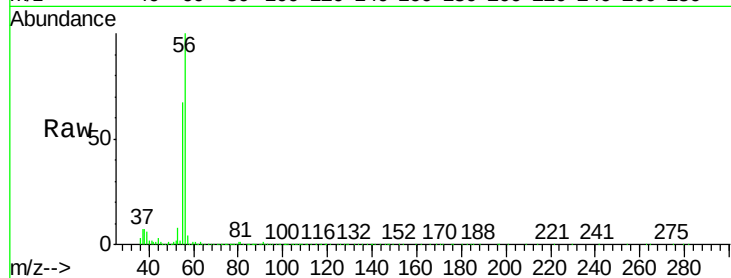
#13
Acrolein
Concen: 84.783 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.2	55.4	83.0

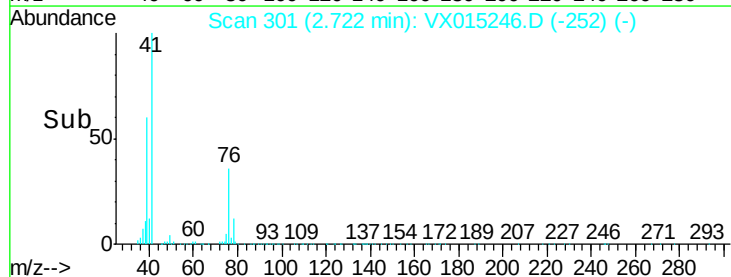
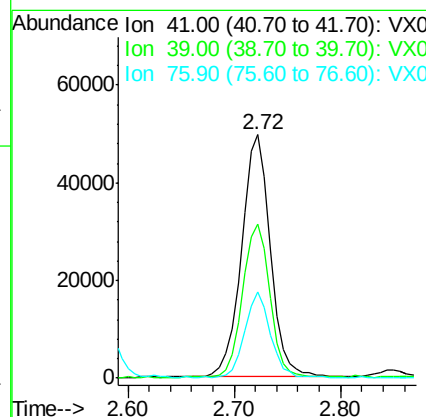
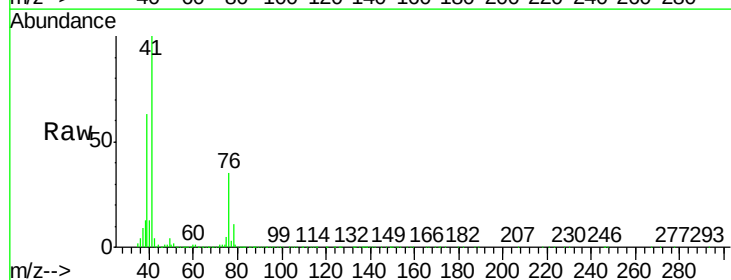
Manual Integrations
APPROVED

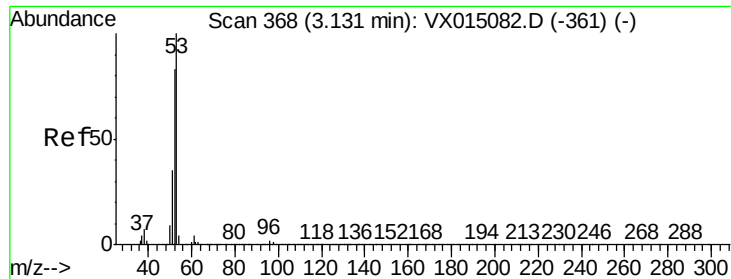
MMDadoda
3/16/2020 2:07:25 PM



#14
Allyl chloride
Concen: 18.496 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.2	52.9	79.3
76	31.7	26.8	40.2





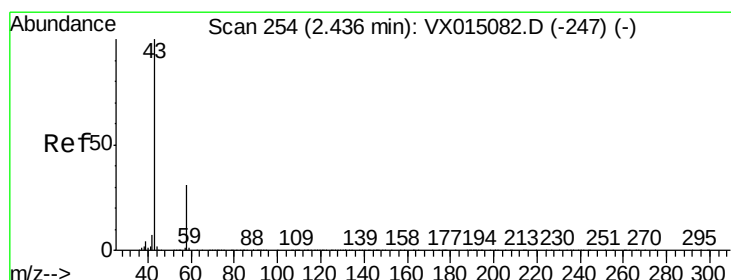
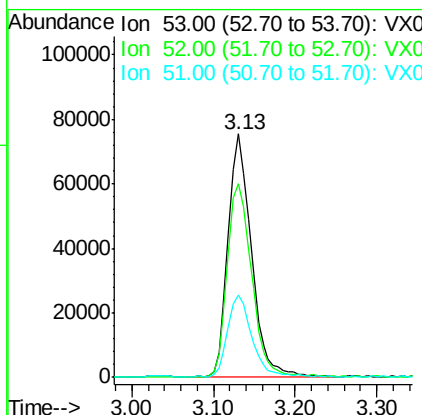
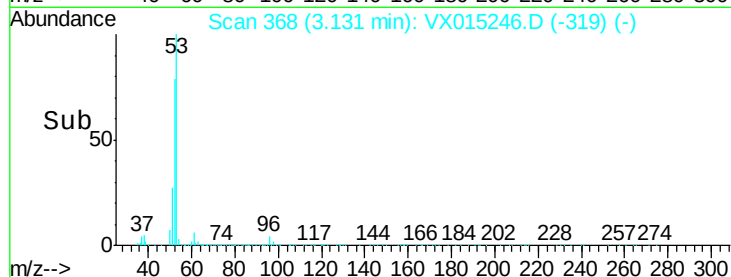
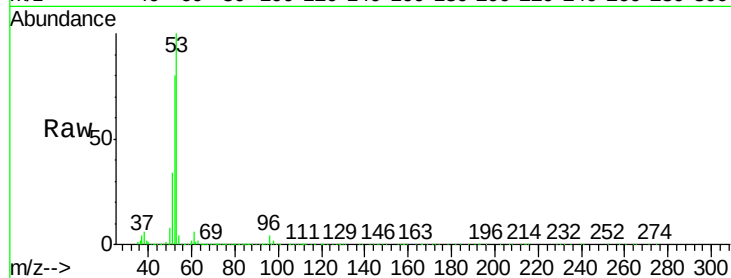
#15
 Acrylonitrile
 Concen: 96.518 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion:	53	Resp:	148462
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.6	100.0
51	35.2	29.0	43.6

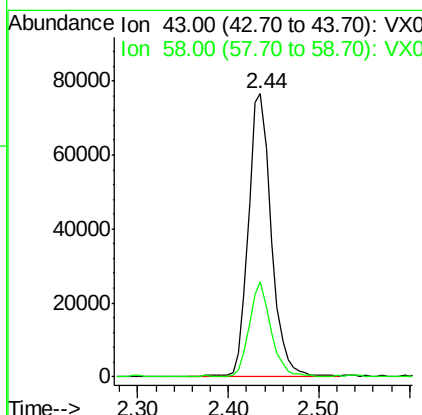
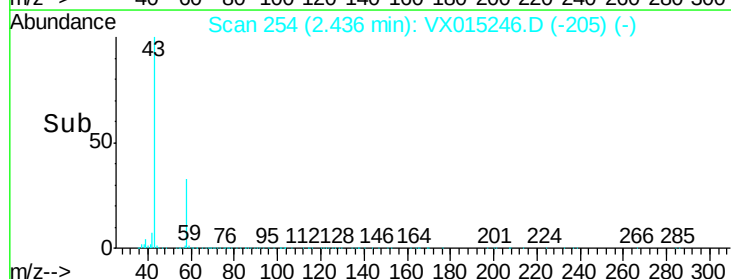
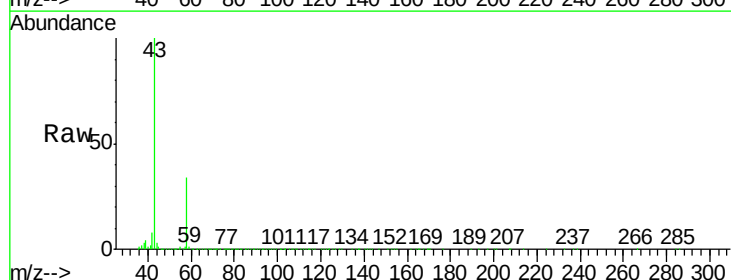
Manual Integrations
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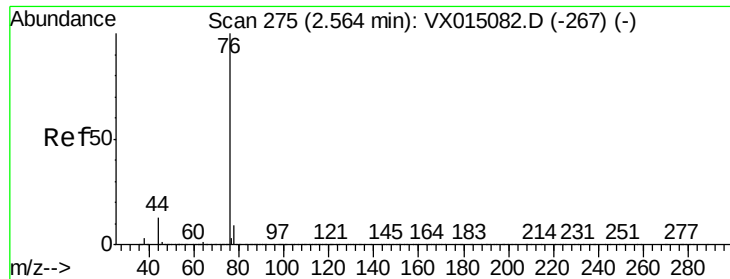
MMDadoda
 3/16/2020 2:07:25 PM



#16
 Acetone
 Concen: 93.673 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion:	43	Resp:	135048
Ion Ratio	Lower	Upper	
43	100		
58	33.5	24.8	37.2





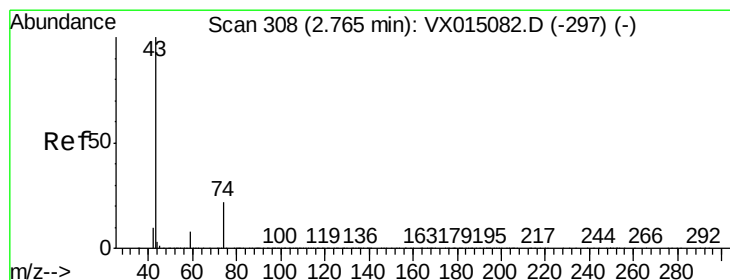
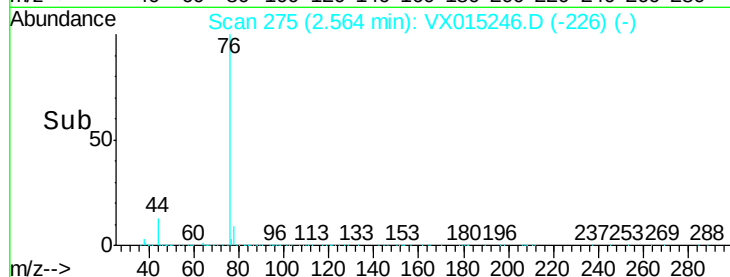
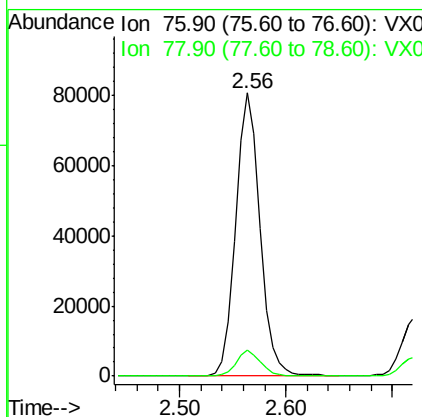
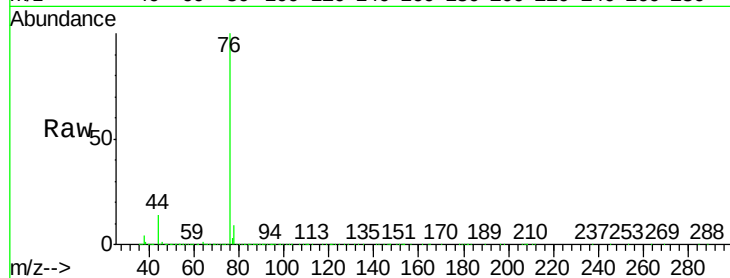
#17
Carbon Disulfide
Concen: 15.984 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

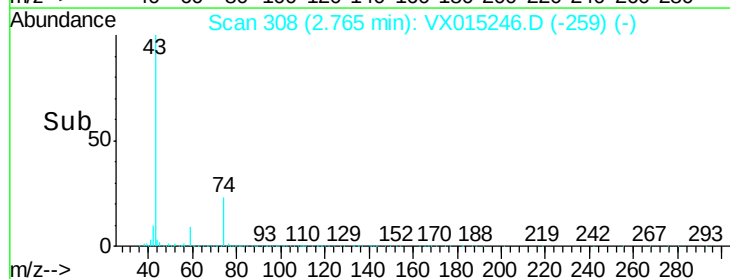
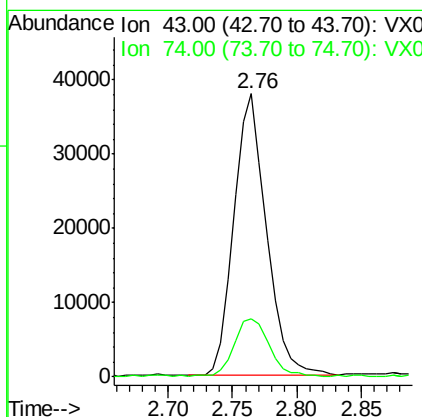
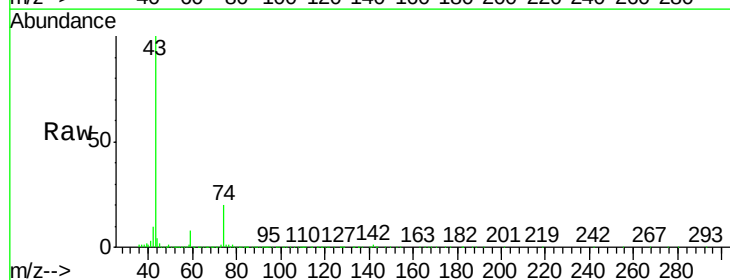
Manual Integrations
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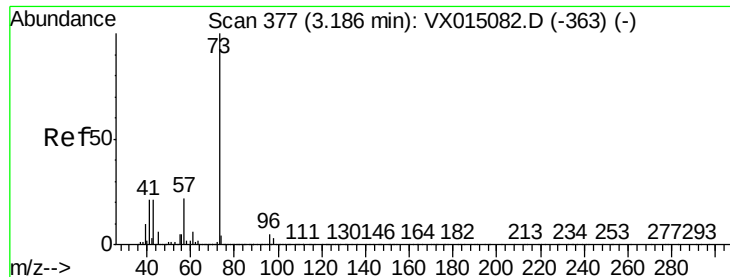
MMDadoda
3/16/2020 2:07:25 PM



#18
Methyl Acetate
Concen: 18.951 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.8	28.2





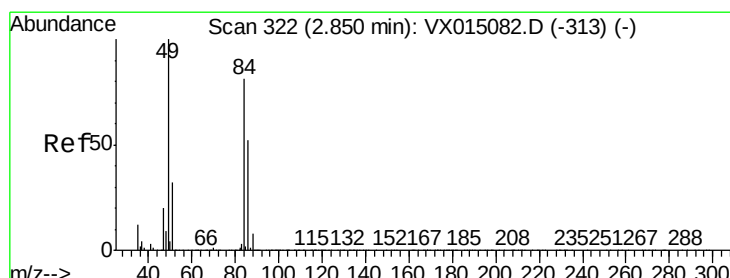
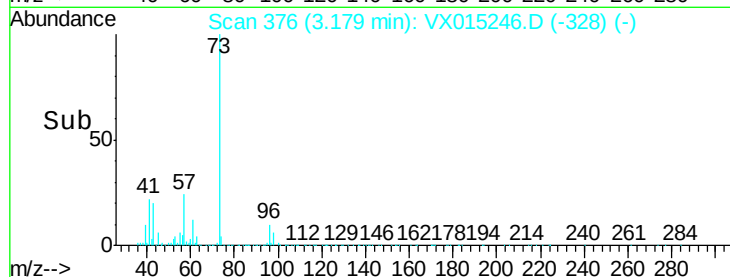
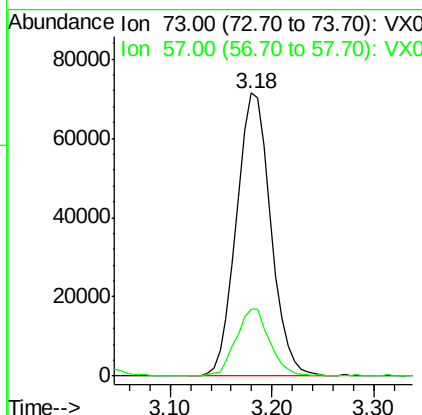
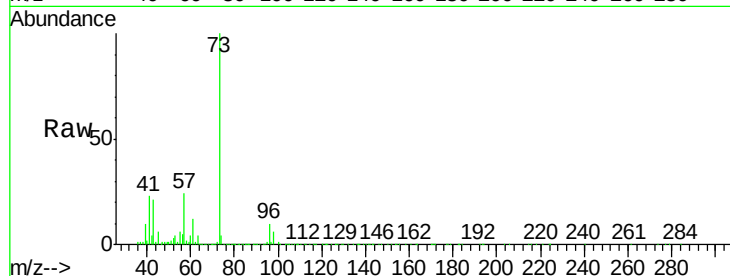
#19
Methyl tert-butyl Ether
Concen: 18.395 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.8	26.6

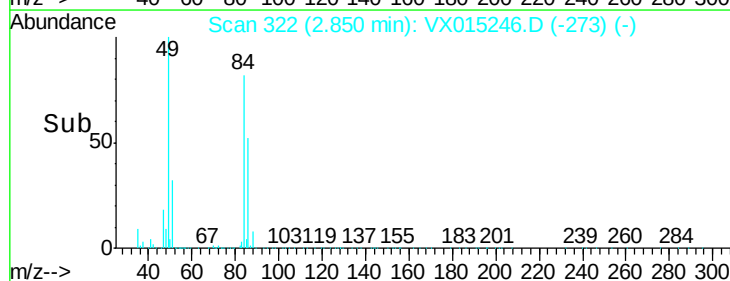
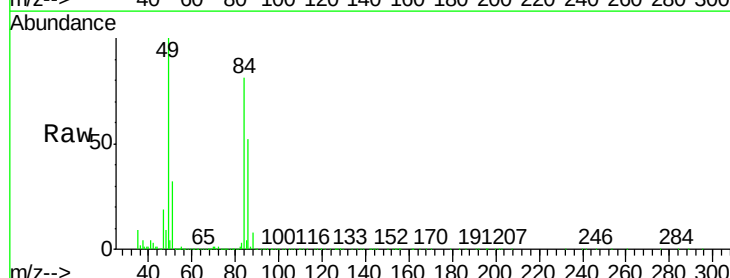
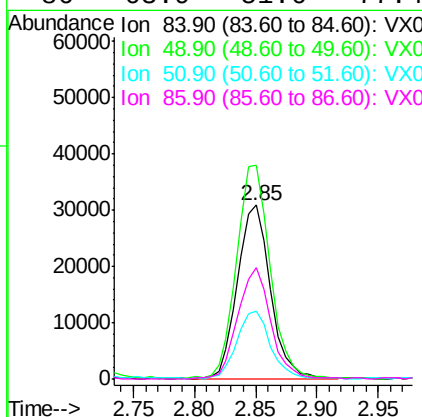
Manual Integrations
APPROVED

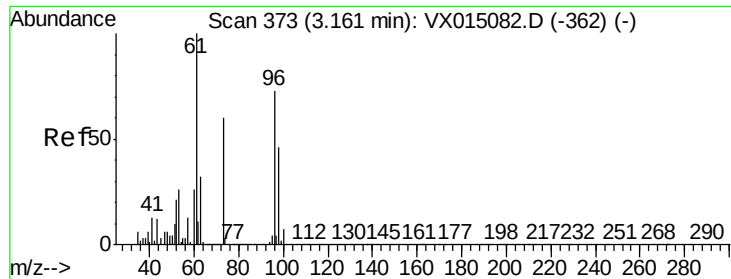
MMDadoda
3/16/2020 2:07:25 PM



#20
Methylene Chloride
Concen: 17.204 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.4	149.2
51	39.1	31.5	47.3
86	63.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 17.677 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

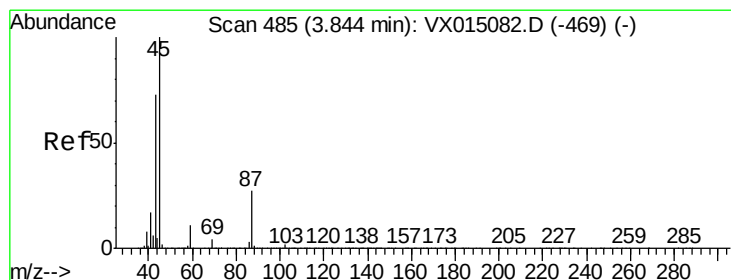
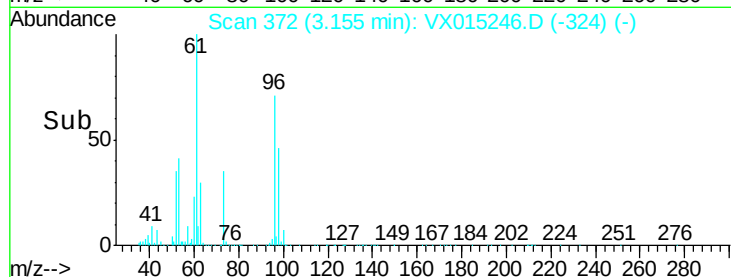
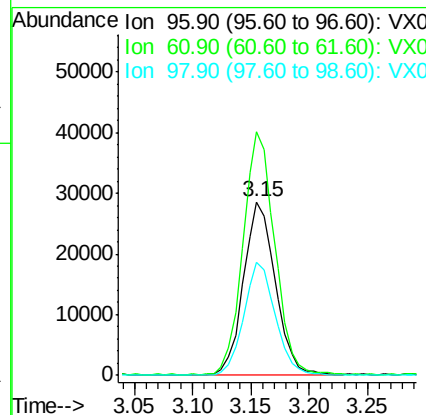
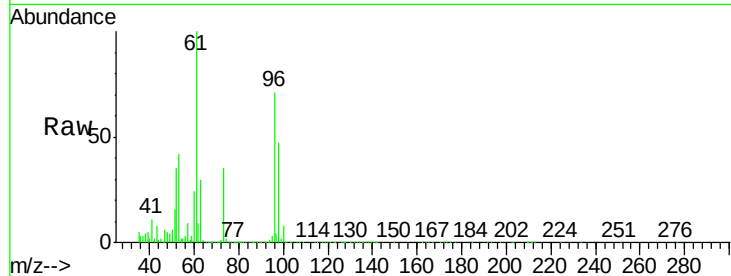
ClientSampleId :

VX0313WBS01

Tot Ion:	96	Resp:	55040
Ion Ratio	Lower	Upper	
96	100		
61	139.3	109.9	164.9
98	65.2	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.806 ug/l

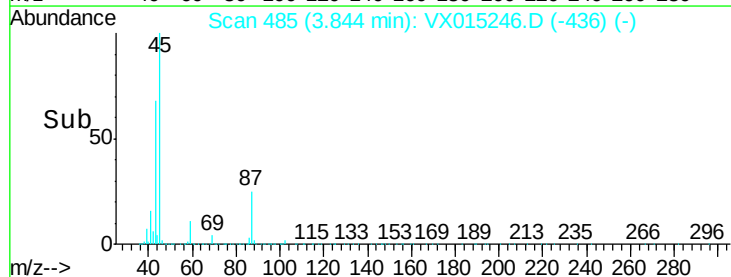
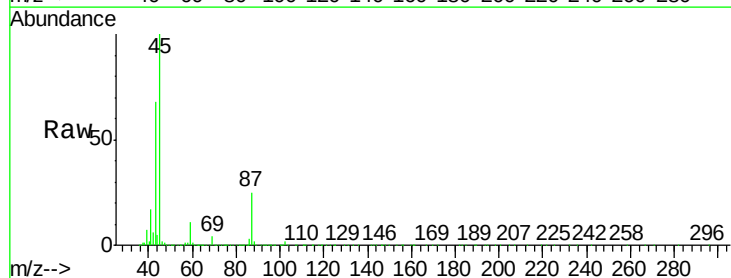
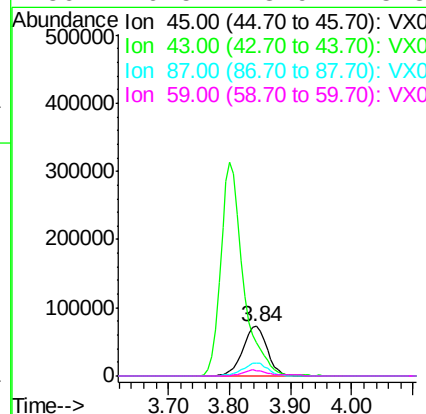
RT: 3.84 min Scan# 485

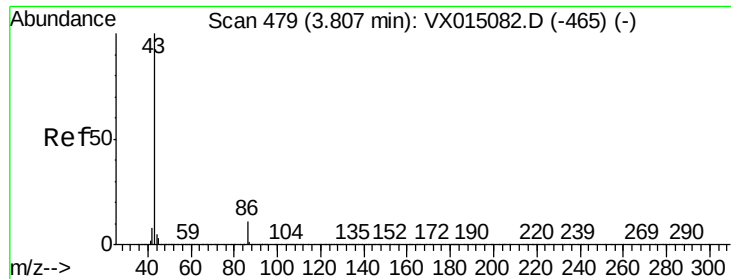
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	45	Resp:	200633
Ion Ratio	Lower	Upper	
45	100		
43	68.1	58.2	87.2
87	25.2	21.2	31.8
59	10.5	8.9	13.3





#23

Vinyl Acetate

Concen: 96.940 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 43 Resp: 807212

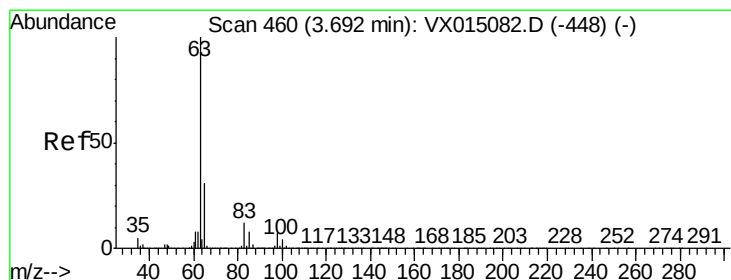
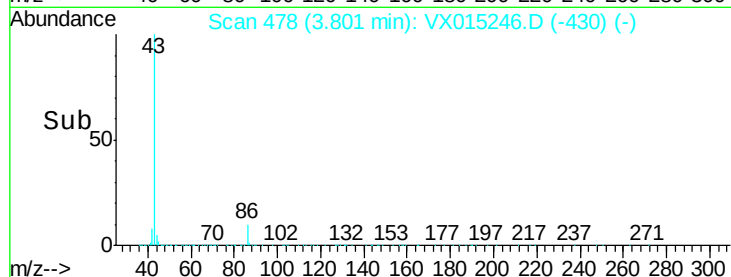
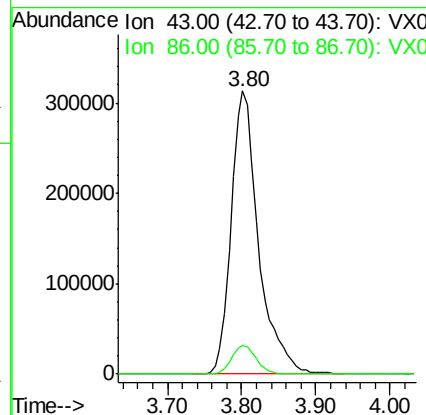
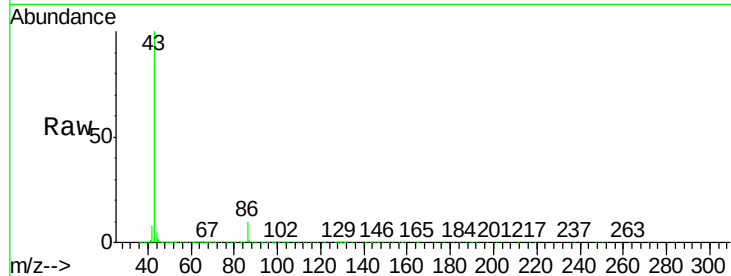
Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8

Manual Integrations
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3/16/2020 2:07:25 PM



#24

1,1-Dichloroethane

Concen: 18.465 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

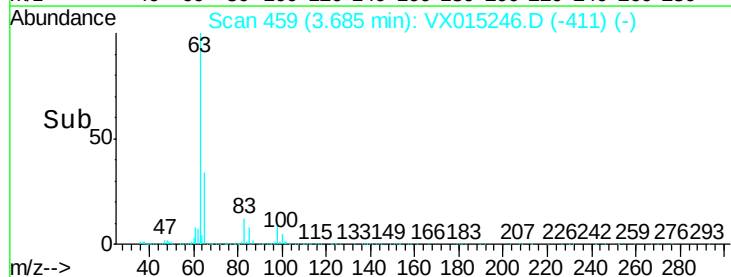
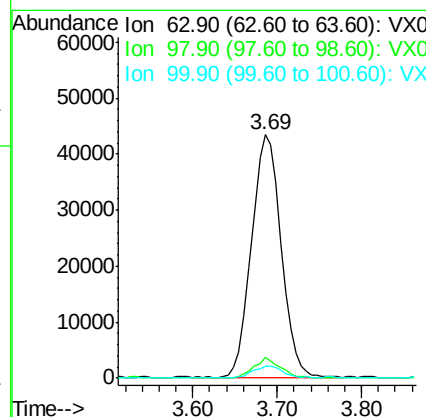
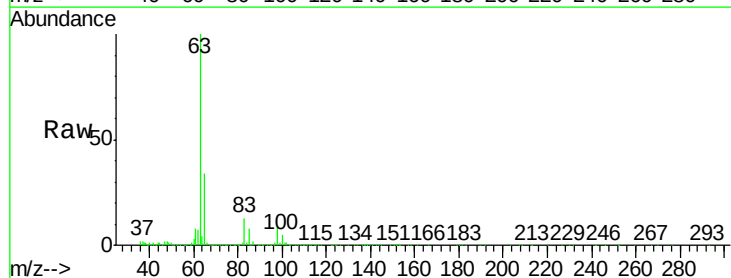
Tgt Ion: 63 Resp: 103811

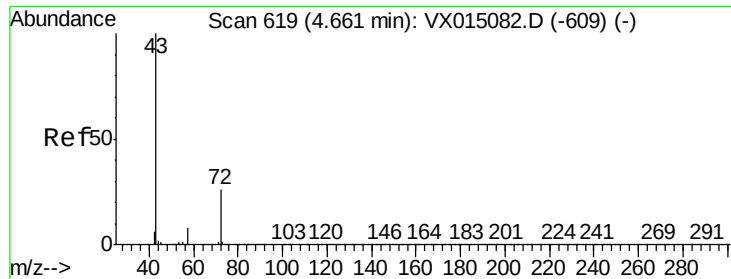
Ion Ratio Lower Upper

63 100

98 8.7 3.7 11.1

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 99.213 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 43 Resp: 209403

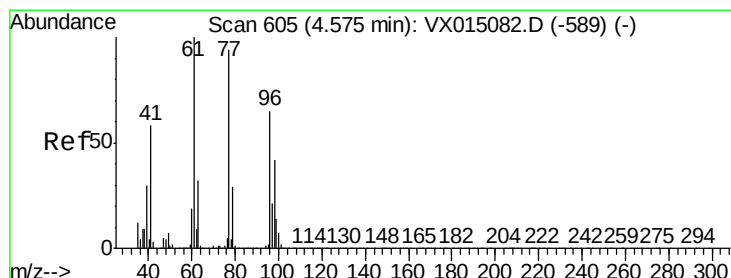
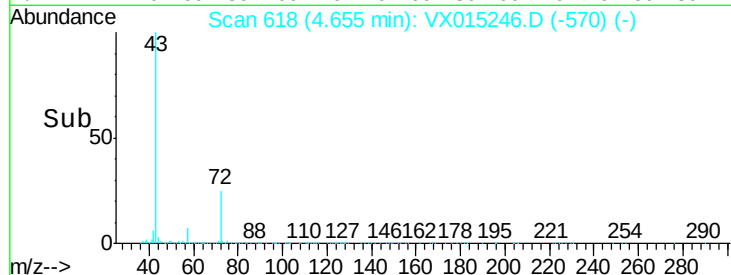
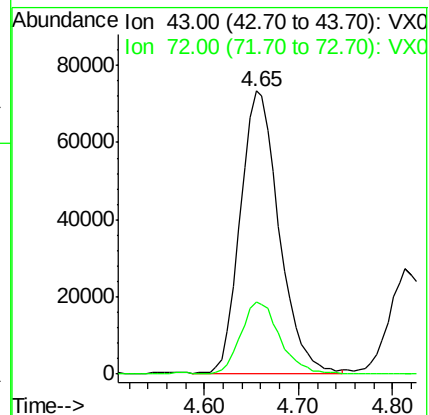
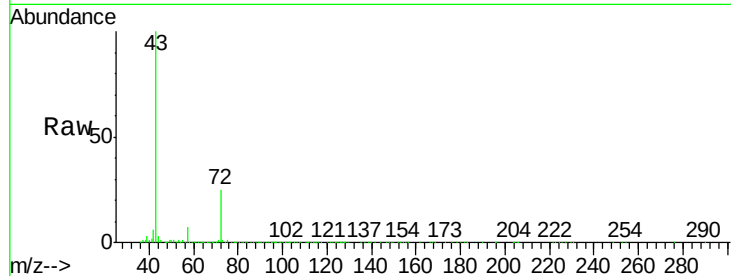
Ion Ratio Lower Upper

43 100

72 25.1 20.6 30.8

Manual Integrations
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3/16/2020 2:07:25 PM



#26

2,2-Dichloropropane

Concen: 18.240 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015246.D

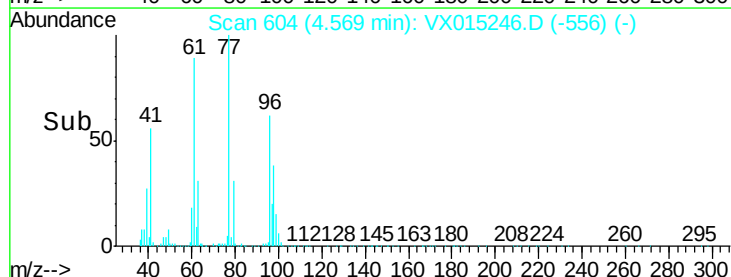
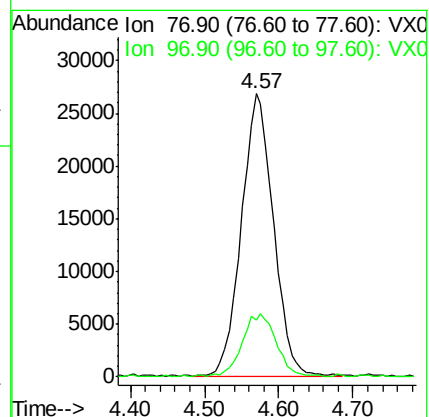
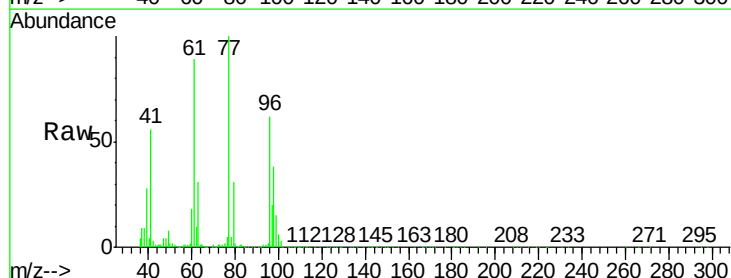
Acq: 13 Mar 2020 10:03

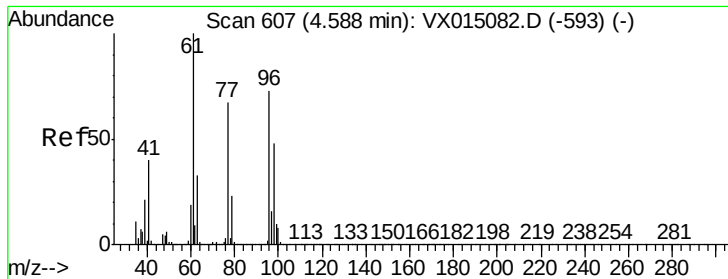
Tgt Ion: 77 Resp: 81408

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

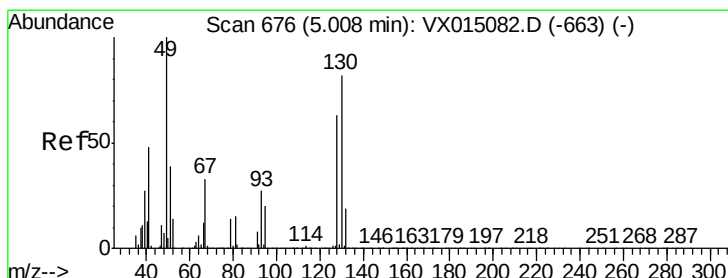
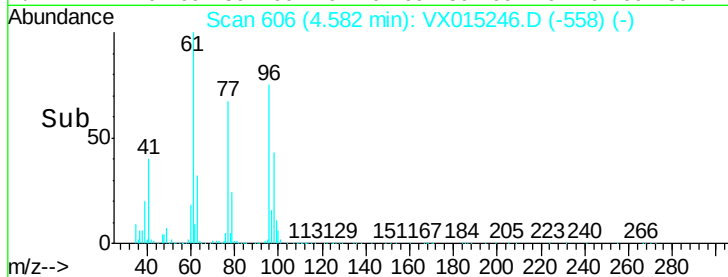
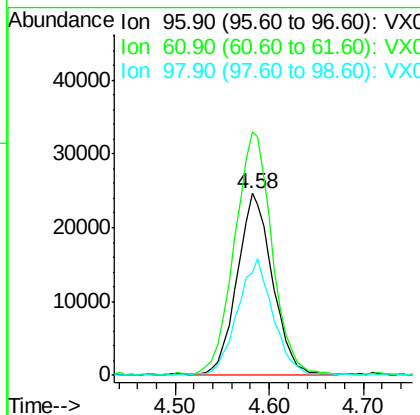
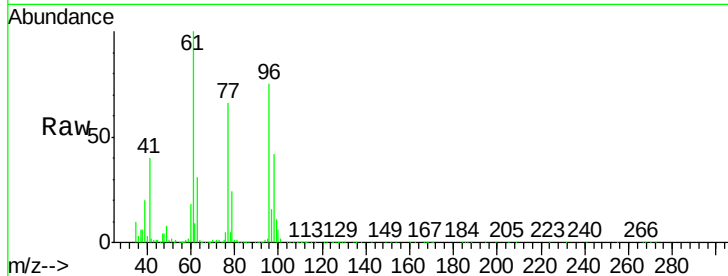
cis-1,2-Dichloroethene
Concen: 18.323 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	286.8
98	65.8	0.0	128.4

Manual Integrations
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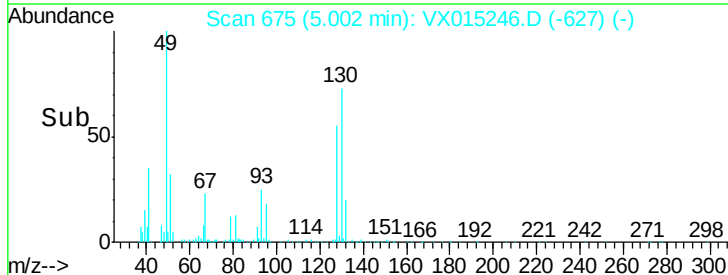
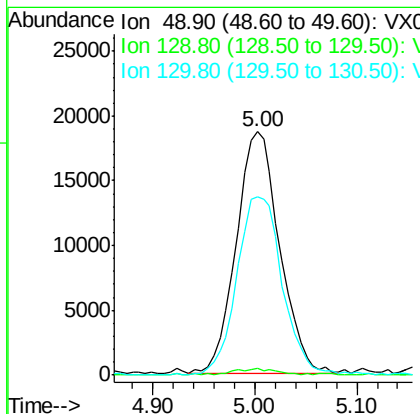
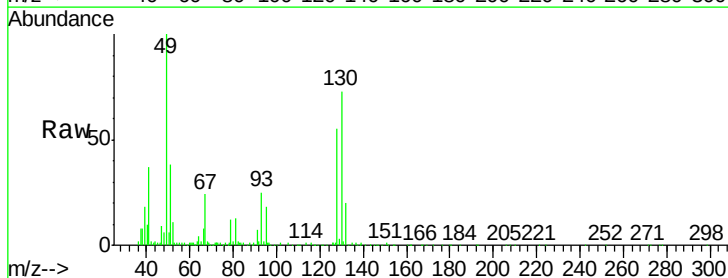
MMDadoda
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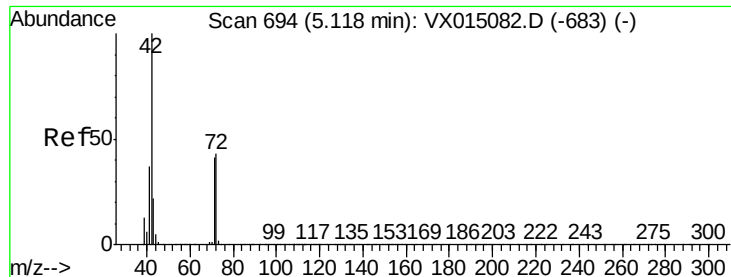


#28

Bromochloromethane
Concen: 21.382 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	77.8	65.0	97.6





#29

Tetrahydrofuran

Concen: 97.291 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

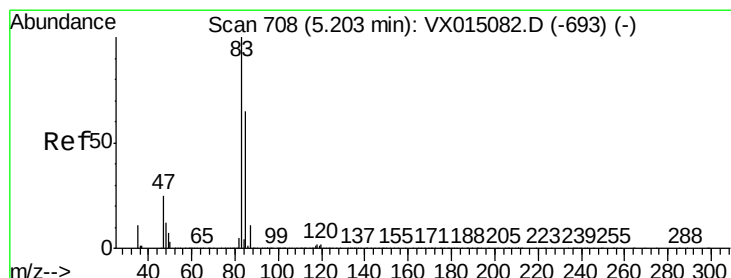
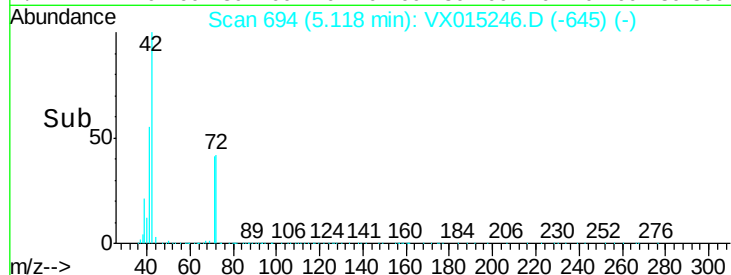
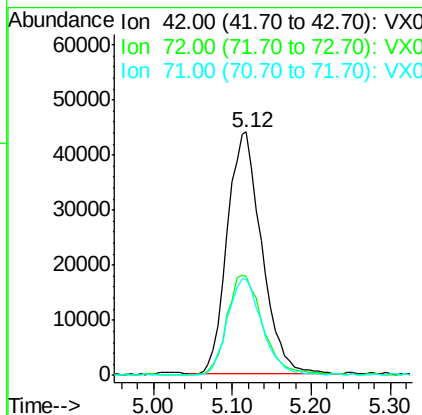
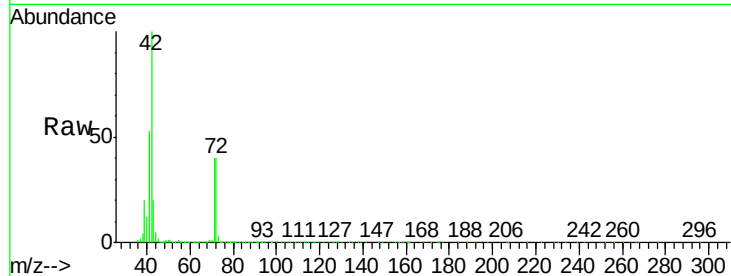
ClientSampleId :

VX0313WBS01

Tot Ion:	42	Resp:	132368
Ion Ratio		Lower	Upper
42	100		
72	42.8	36.4	54.6
71	41.0	33.3	49.9

Manual Integrations
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#30

Chloroform

Concen: 18.396 ug/l

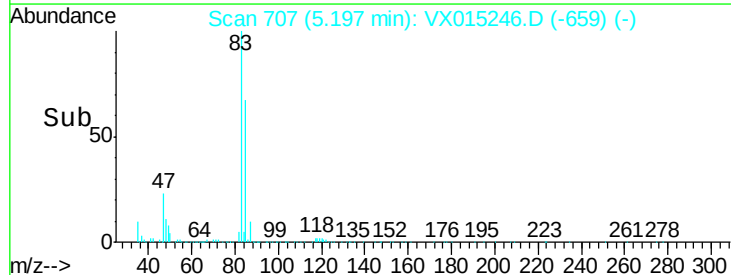
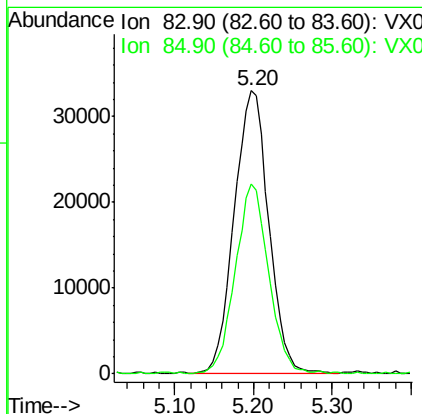
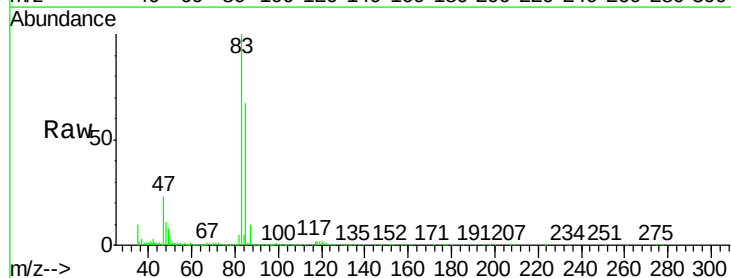
RT: 5.20 min Scan# 707

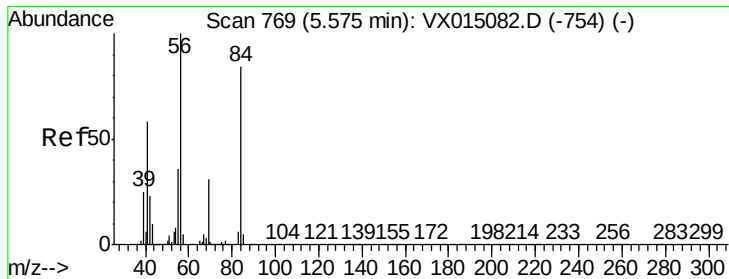
Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	83	Resp:	100806
Ion Ratio		Lower	Upper
83	100		
85	67.1	52.0	78.0





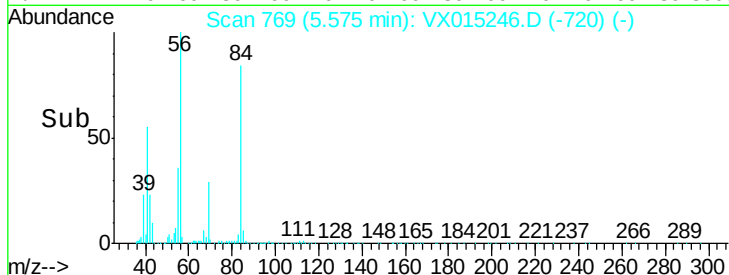
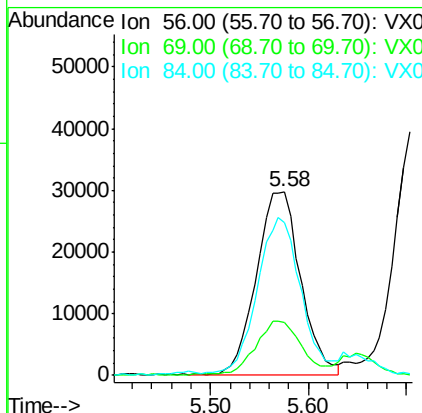
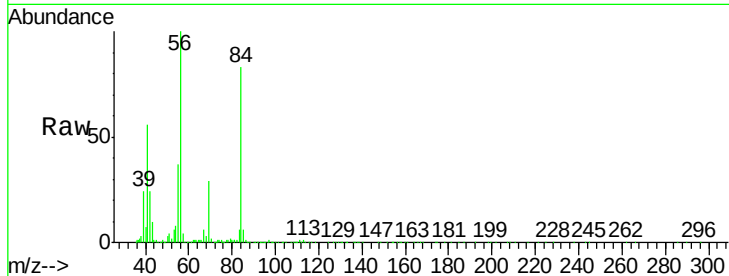
#31
Cyclohexane
Concen: 18.836 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.0	37.6
84	80.9	67.6	101.4

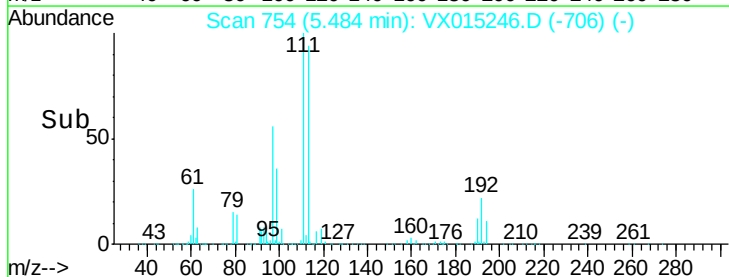
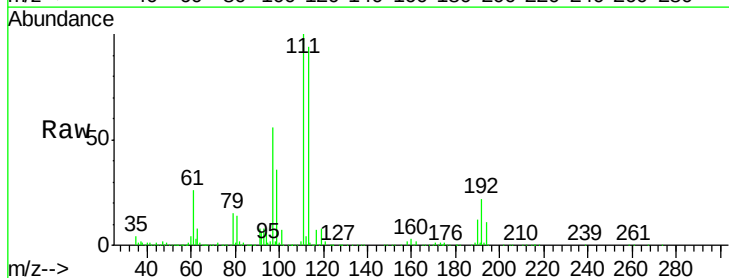
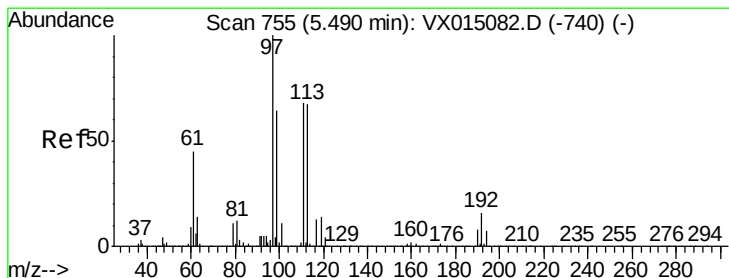
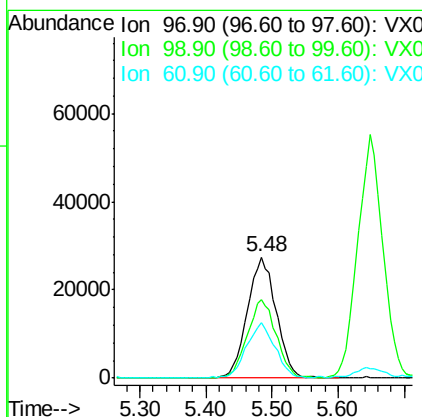
Manual Integrations
APPROVED

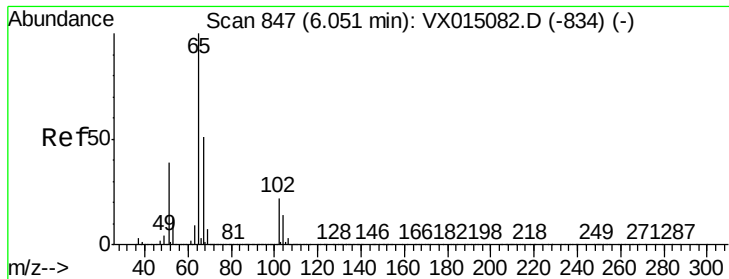
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#32
1,1,1-Trichloroethane
Concen: 18.378 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.8	79.2
61	45.4	36.6	54.8





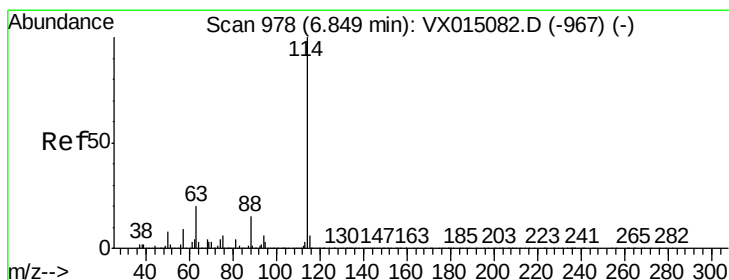
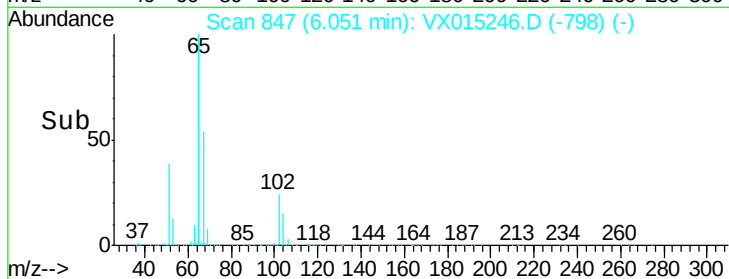
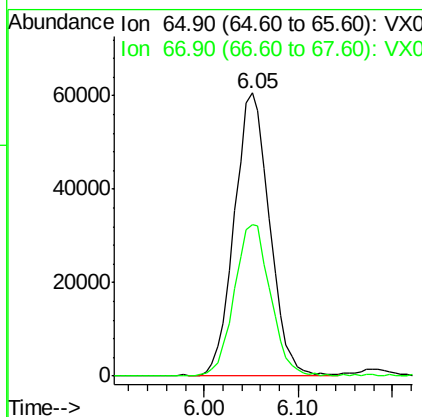
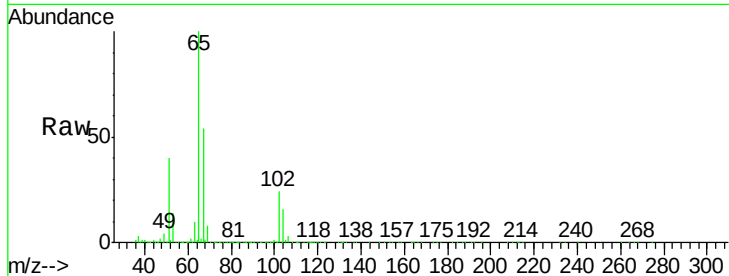
#33
 1,2-Dichloroethane-d4
 Concen: 44.061 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	156852		
67	54.8	0.0	105.6	

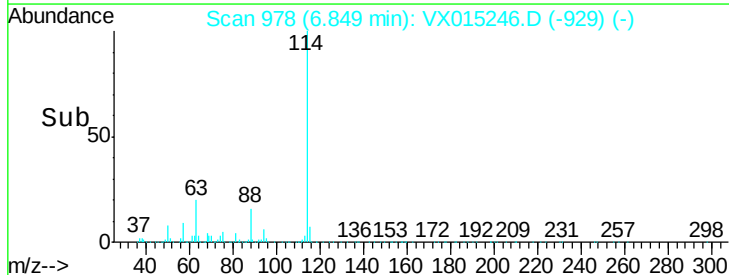
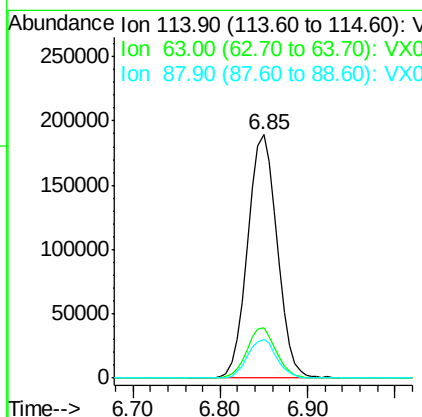
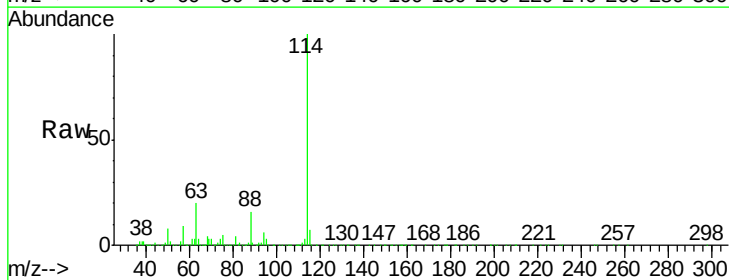
Manual Integrations
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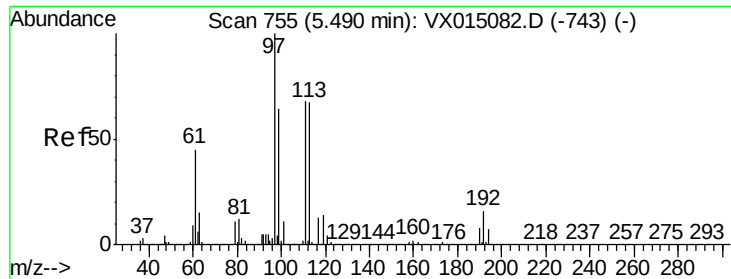
MMDadoda
 3/16/2020 2:07:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	444356		
63	20.3	0.0	40.0	
88	15.8	0.0	30.6	





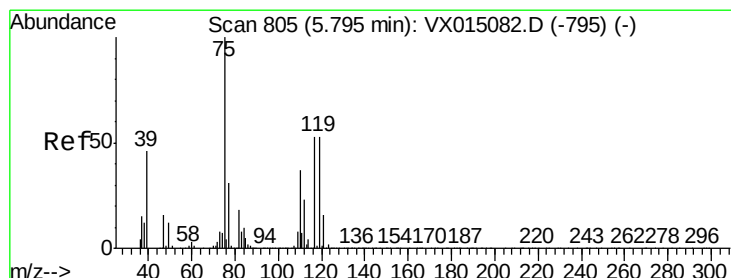
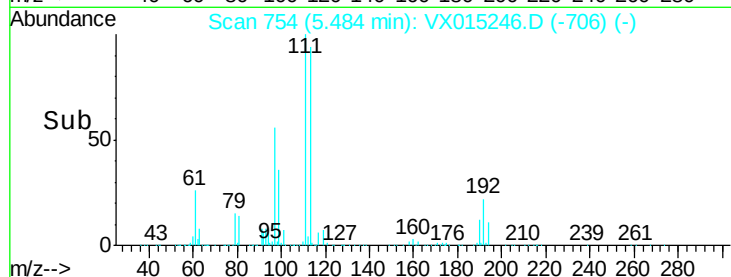
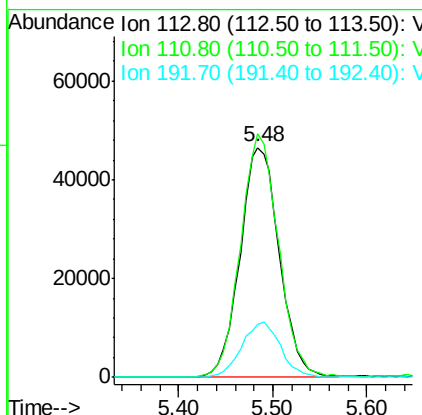
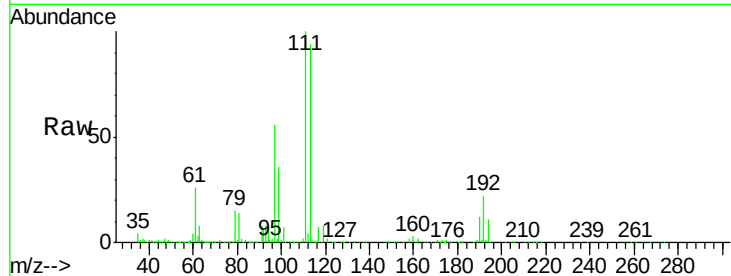
#35
Dibromofluoromethane
Concen: 48.285 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135358		
111	103.3	82.6	123.8	
192	24.0	18.6	28.0	

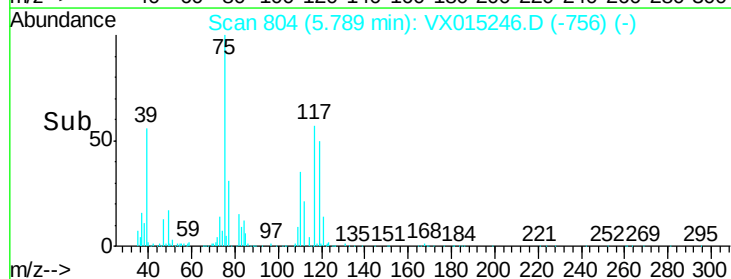
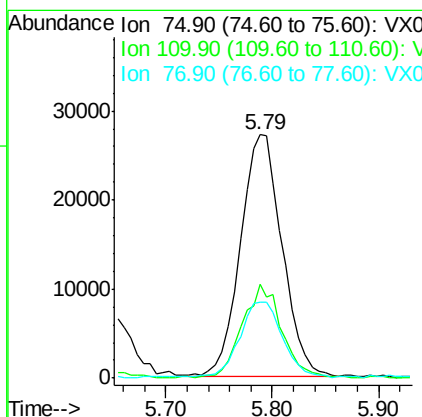
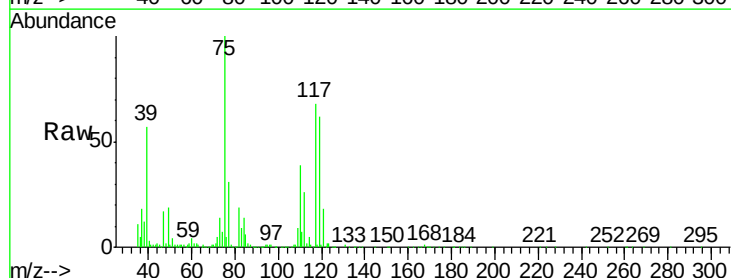
Manual Integrations
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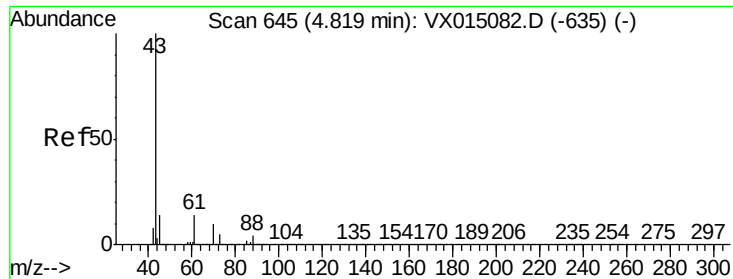
MMDadoda
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#36
1,1-Dichloropropene
Concen: 18.114 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74411		
110	37.2	17.9	53.8	
77	31.8	24.8	37.2	





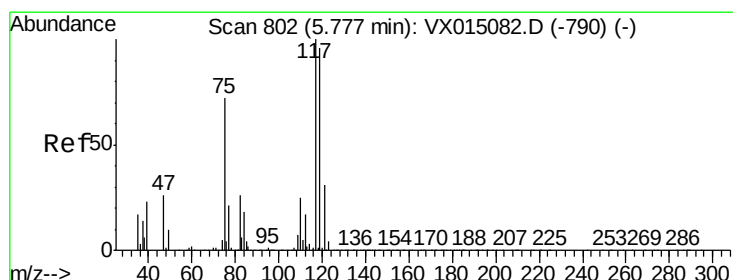
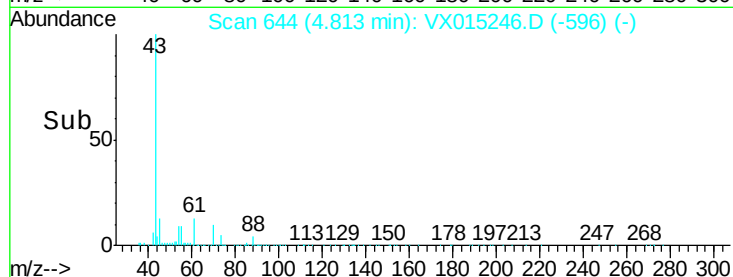
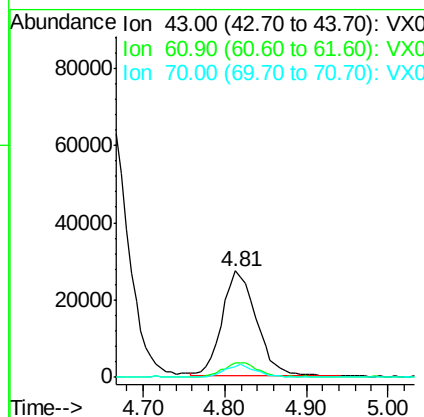
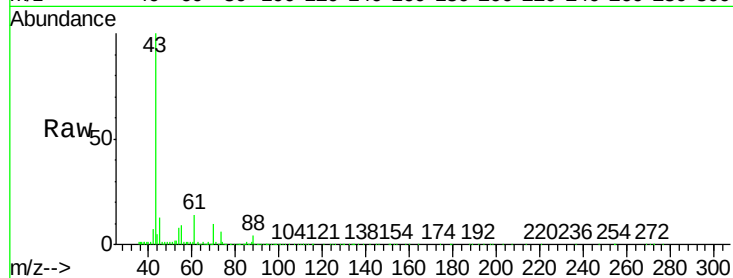
#37
Ethyl Acetate
Concen: 21.046 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion:	43	Resp:	80195
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.0	16.4
70	10.3	8.1	12.1

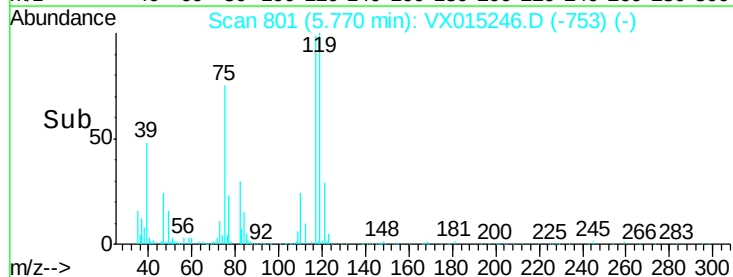
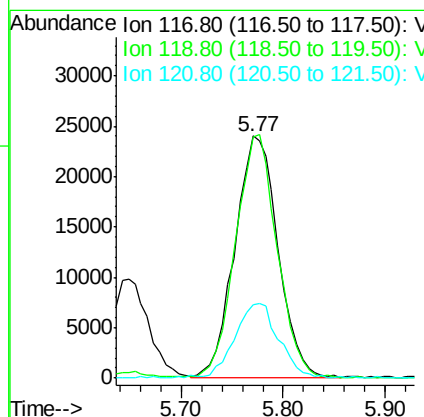
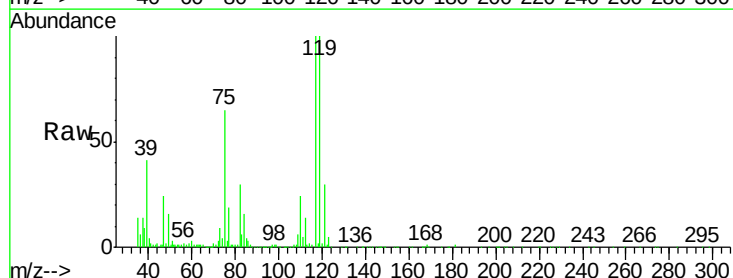
Manual Integrations
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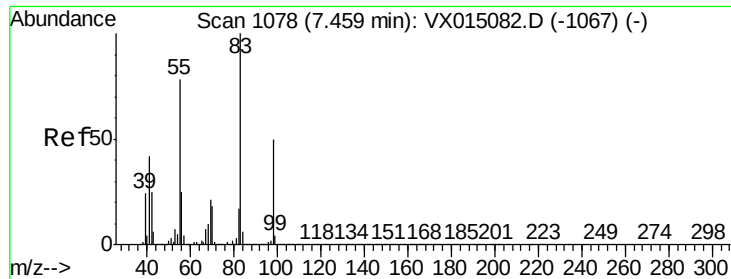
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#38
Carbon Tetrachloride
Concen: 18.114 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:	117	Resp:	70238
Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.9	115.3
121	29.9	24.6	37.0





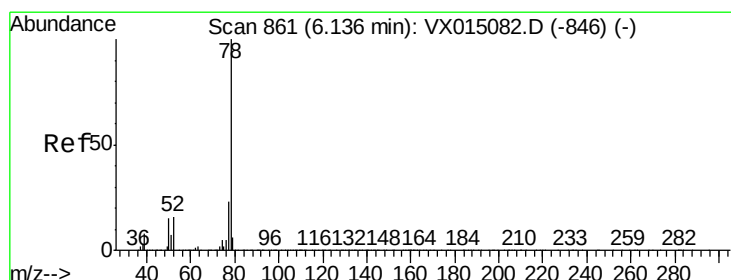
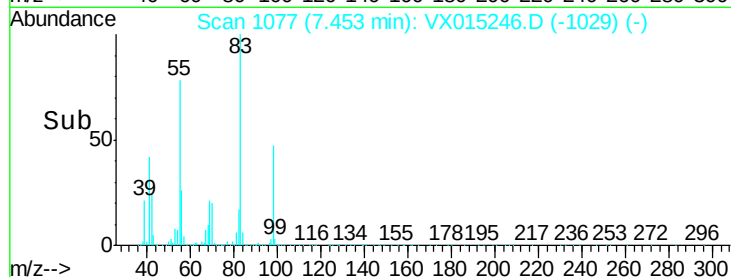
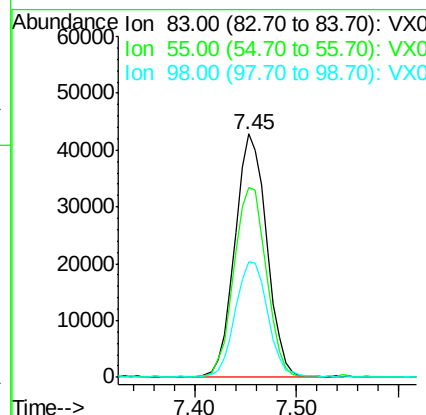
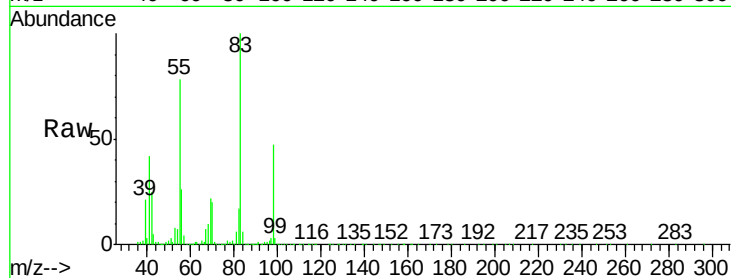
#39
Methylvlcyclohexane
Concen: 19.356 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.8	62.4	93.6	
98	47.4	39.7	59.5	

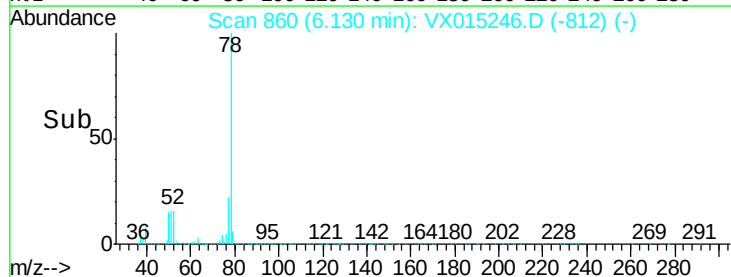
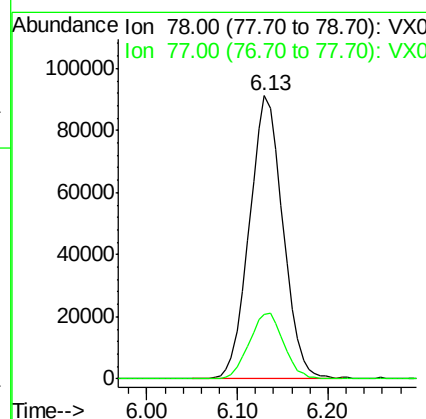
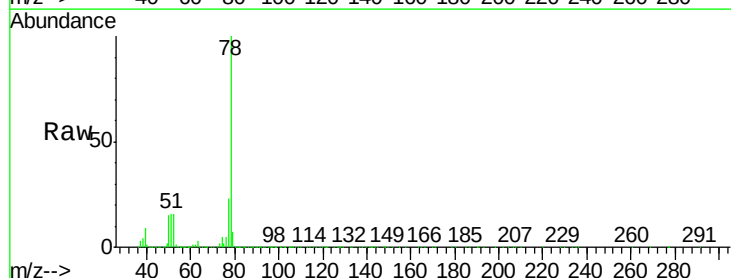
Manual Integrations
APPROVED

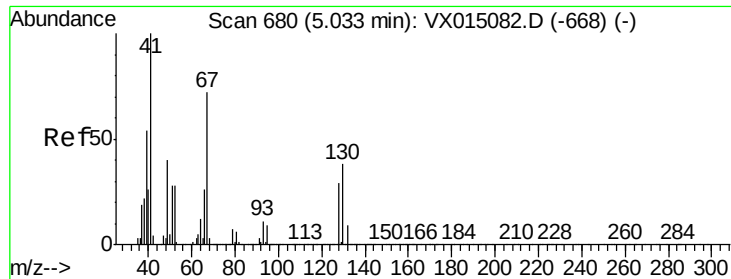
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3/16/2020 2:07:25 PM



#40
Benzene
Concen: 19.109 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	18.6	28.0	





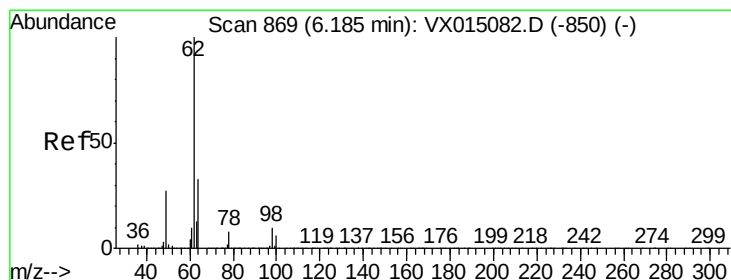
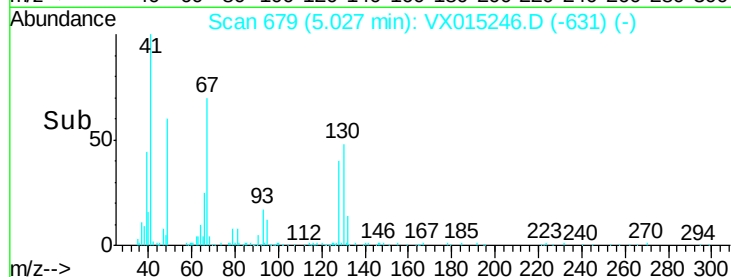
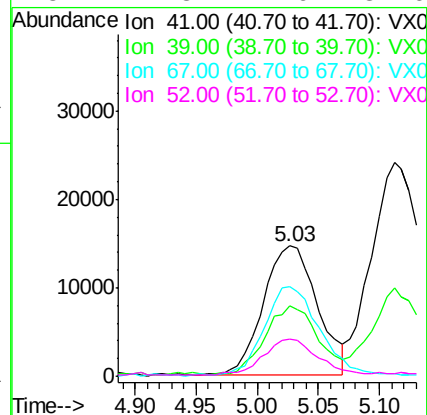
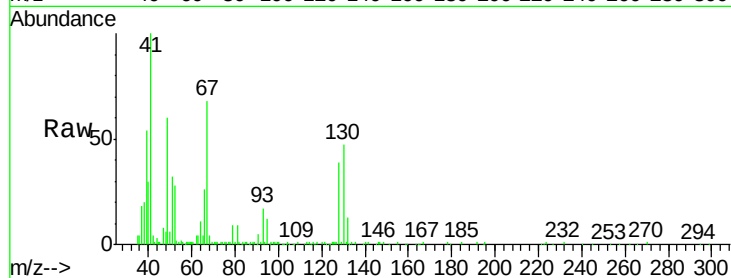
#41
Methacrylonitrile
Concen: 19.559 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	43.9	65.9	
67	70.0	57.8	86.8	
52	27.3	22.6	34.0	

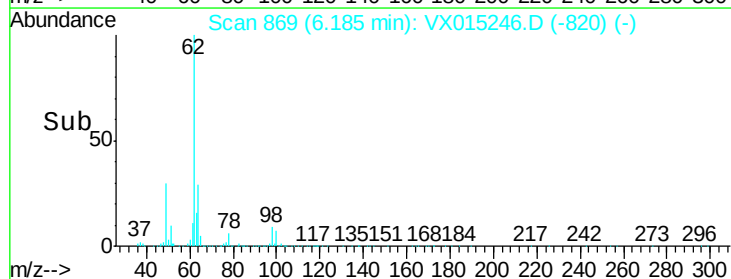
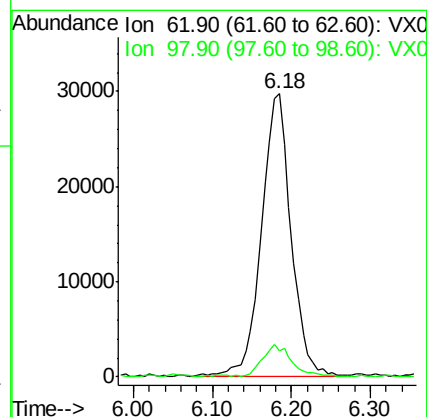
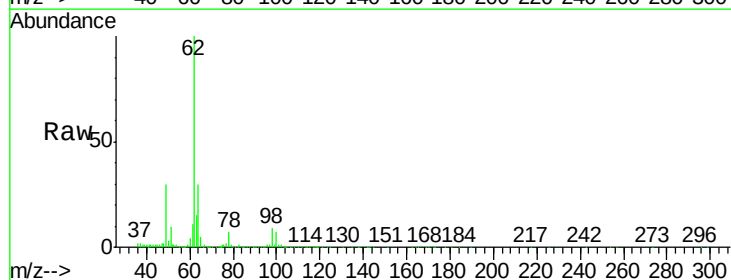
Manual Integrations
APPROVED

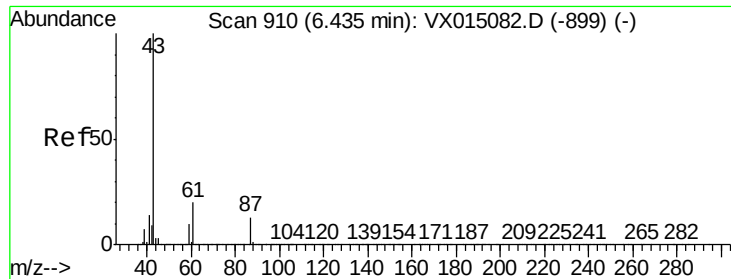
MMDadoda
3/16/2020 2:07:25 PM



#42
1,2-Dichloroethane
Concen: 18.301 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.8	0.0	20.6	





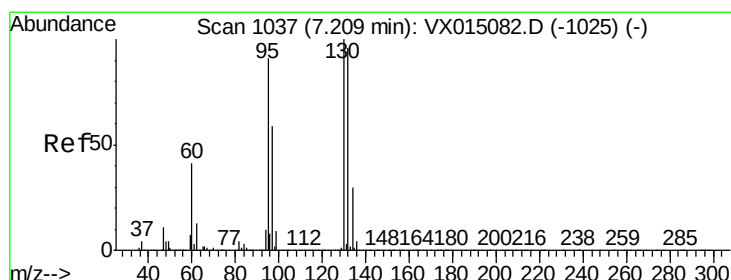
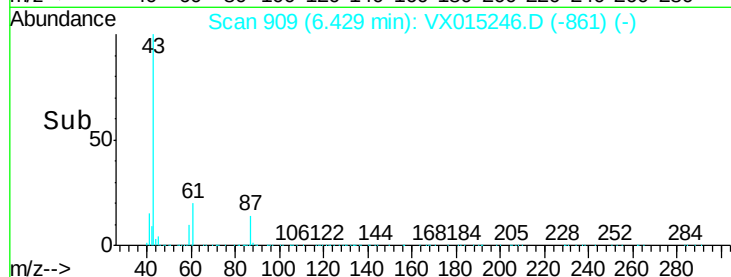
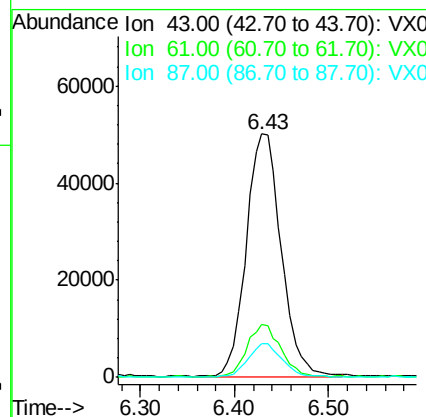
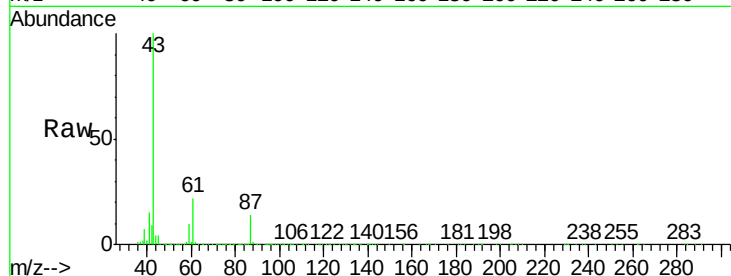
#43
Isopropyl Acetate
Concen: 19.289 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.1	24.1
87	13.8	10.6	16.0

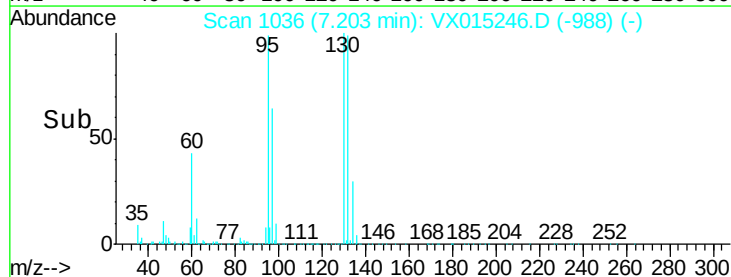
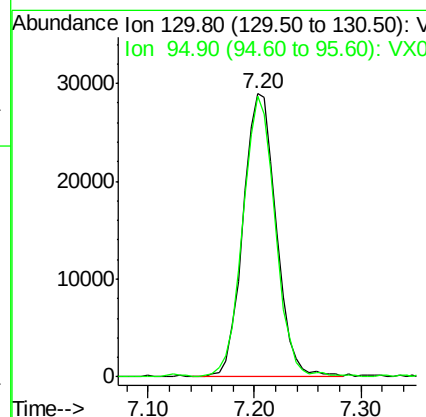
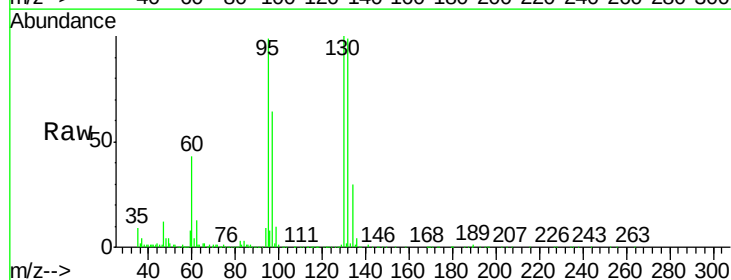
Manual Integrations
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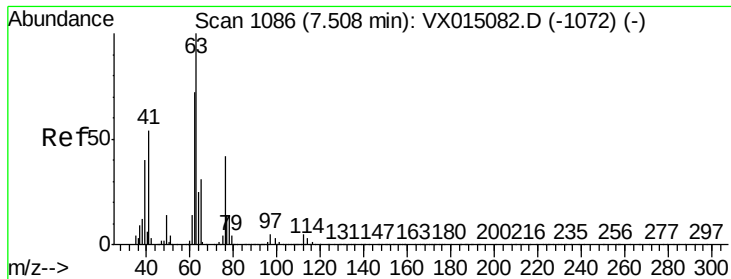
MMDadoda
3/16/2020 2:07:25 PM



#44
Trichloroethene
Concen: 18.656 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	181.2





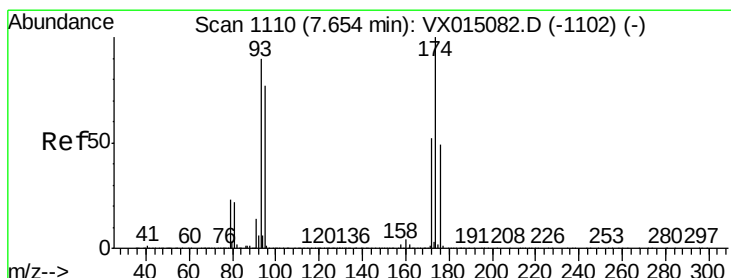
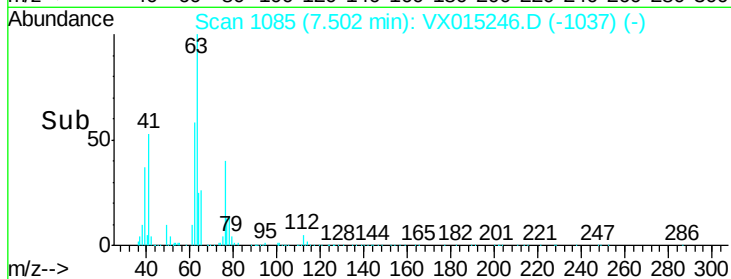
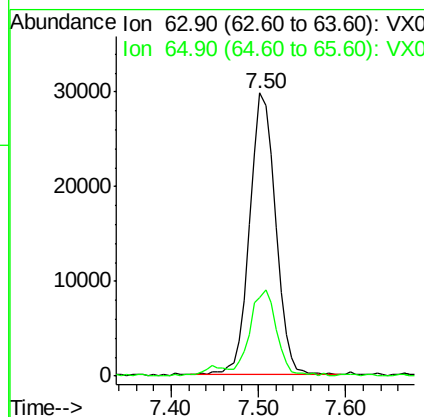
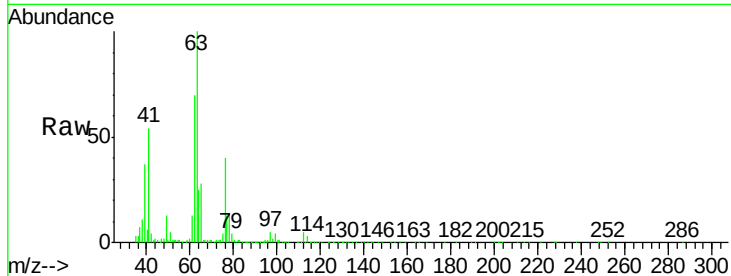
#45
 1,2-Dichloropropane
 Concen: 19.293 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.4	24.6	36.8

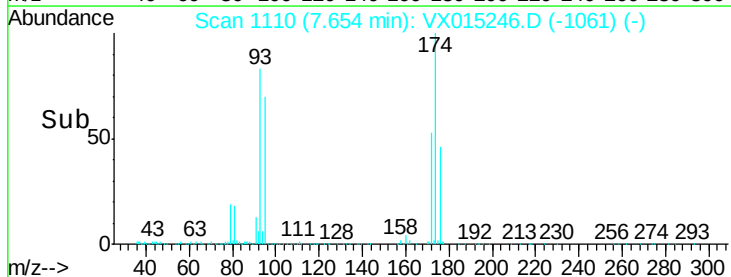
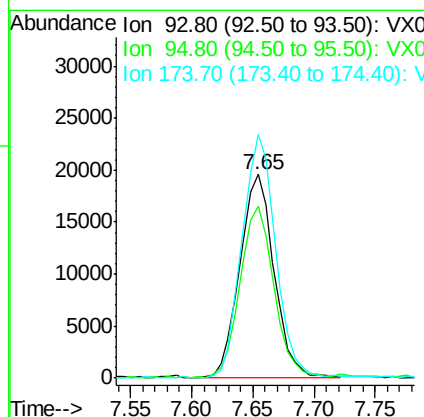
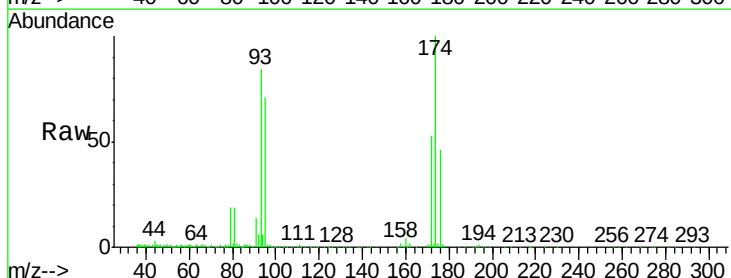
Manual Integrations
 APPROVED

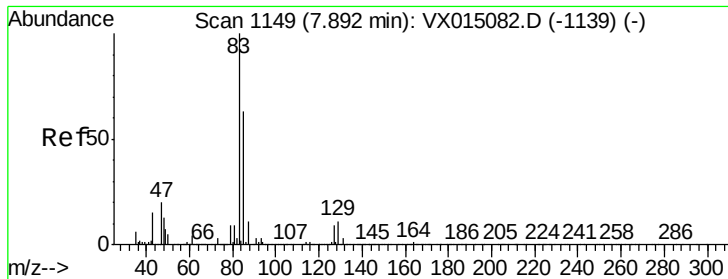
MMDadoda
 3/16/2020 2:07:25 PM



#46
 Dibromomethane
 Concen: 18.411 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.8	101.8
174	119.6	91.0	136.4





#47

Bromodichloromethane

Concen: 18.887 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

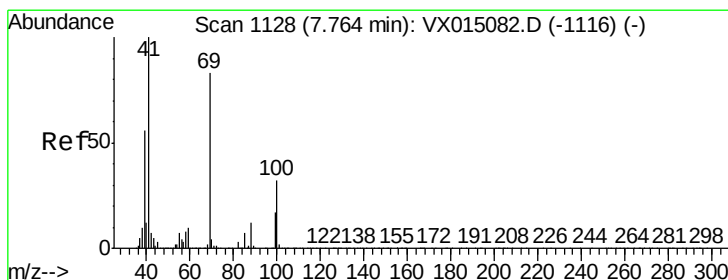
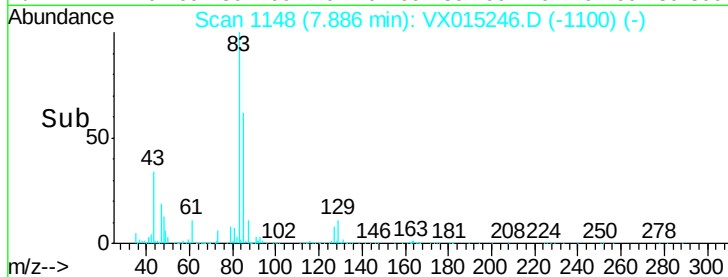
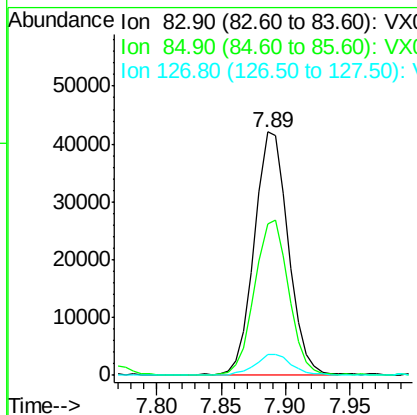
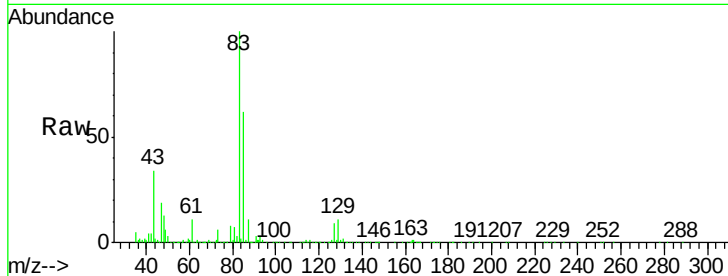
ClientSampleId :

VX0313WBS01

Tot Ion:	83	Resp:	76771
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.6	75.8
127	8.6	7.1	10.7

Manual Integrations
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3/16/2020 2:07:25 PM



#48

Methyl methacrylate

Concen: 19.706 ug/l

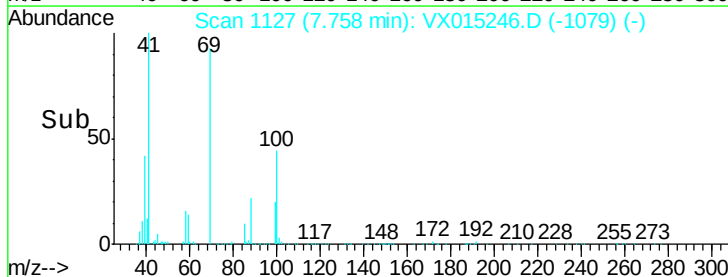
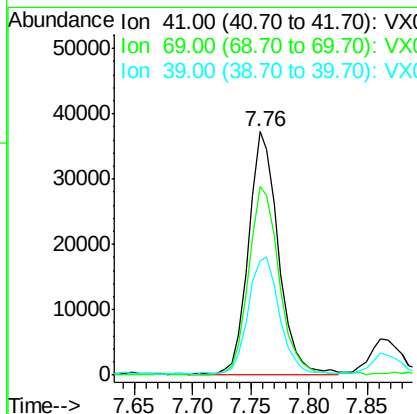
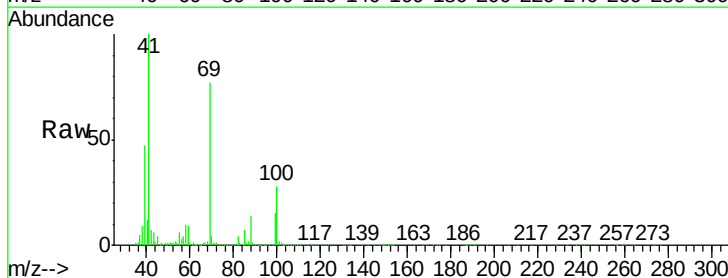
RT: 7.76 min Scan# 1127

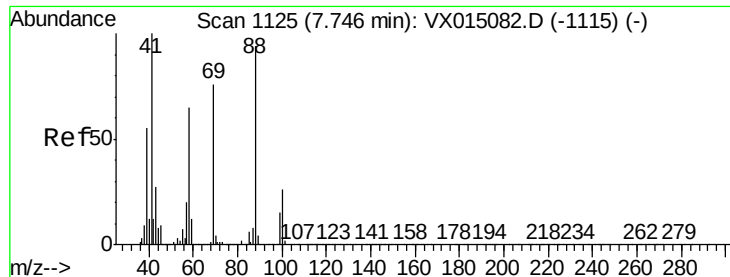
Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	41	Resp:	67233
Ion	Ratio	Lower	Upper
41	100		
69	78.1	65.4	98.2
39	51.6	44.6	67.0





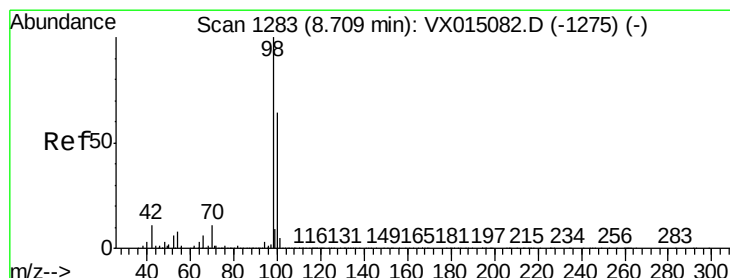
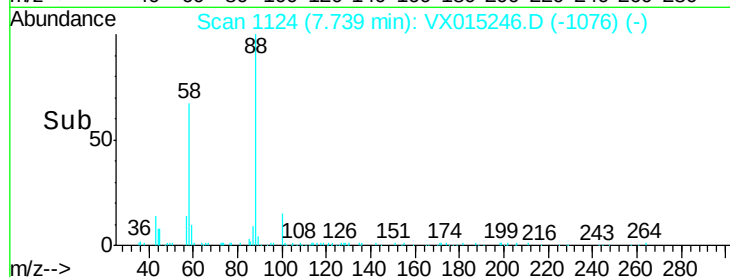
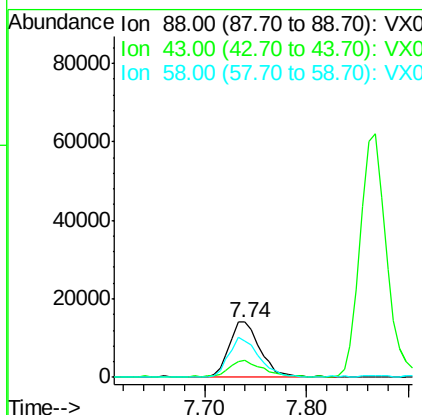
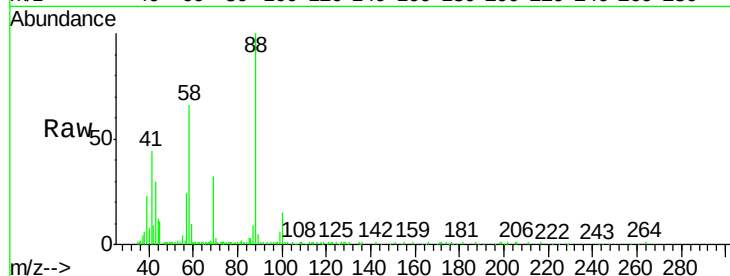
#49
1,4-Dioxane
Concen: 403.502 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	27.0	40.4
58	69.1	55.6	83.4

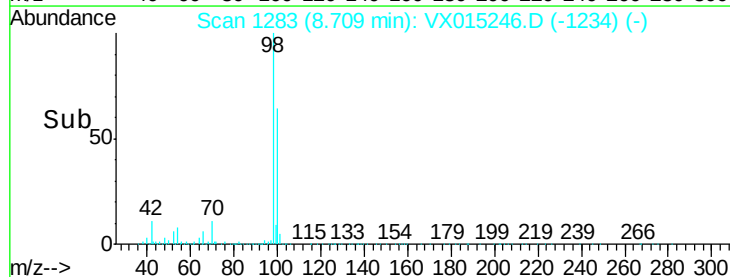
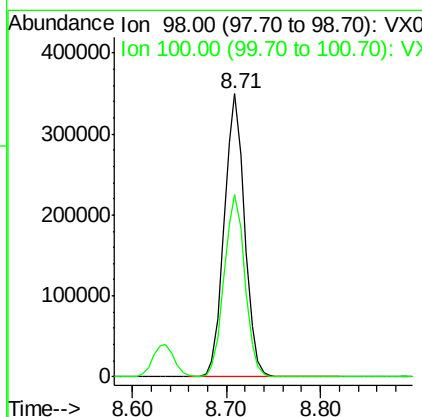
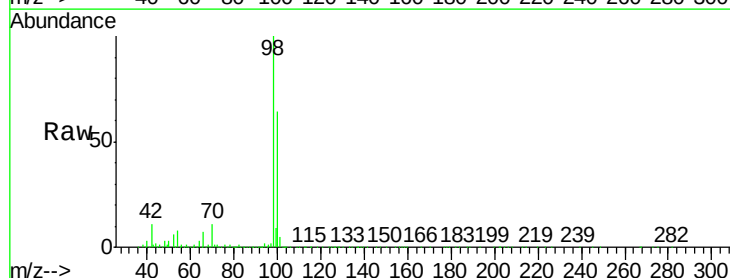
Manual Integrations
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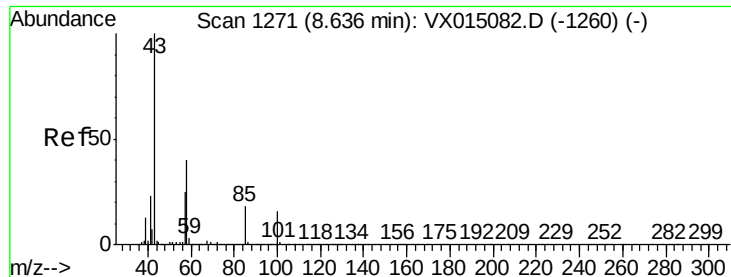
MMDadoda
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#50
Toluene-d8
Concen: 48.956 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 102.397 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 43 Resp: 405846

Ion Ratio Lower Upper

43 100

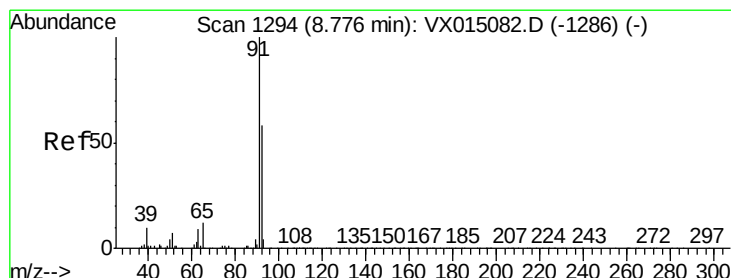
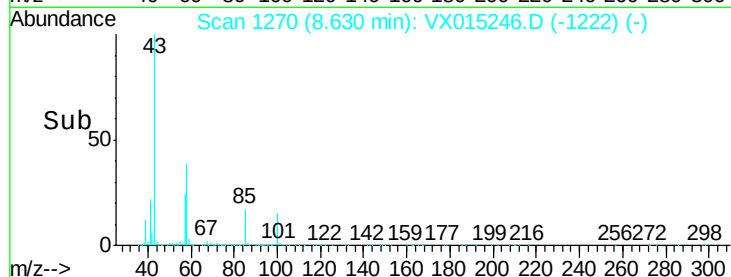
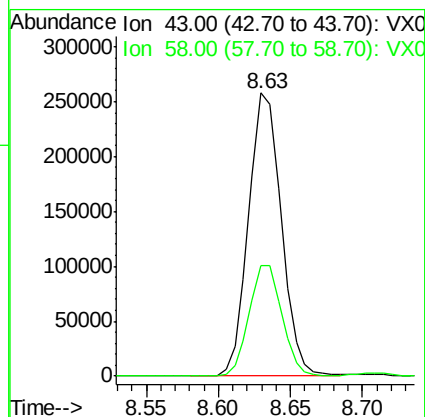
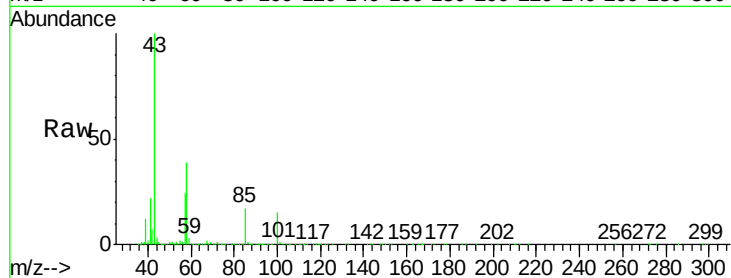
58 39.5 31.6 47.4

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 19.360 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015246.D

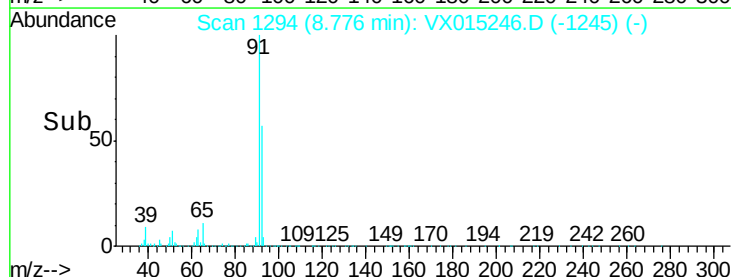
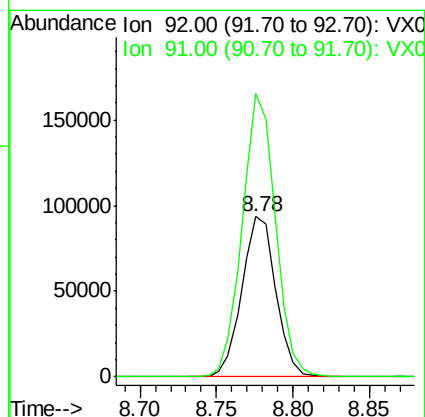
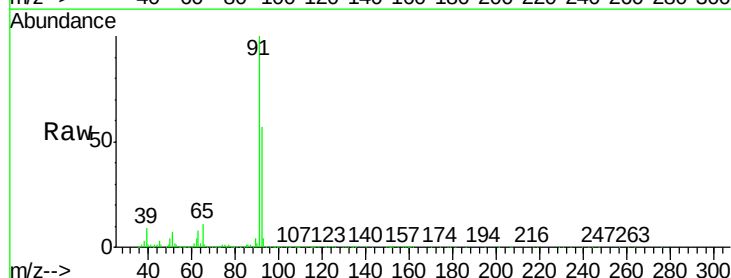
Acq: 13 Mar 2020 10:03

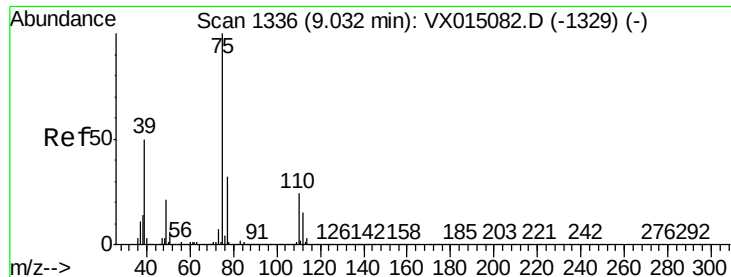
Tgt Ion: 92 Resp: 144269

Ion Ratio Lower Upper

92 100

91 172.9 136.9 205.3





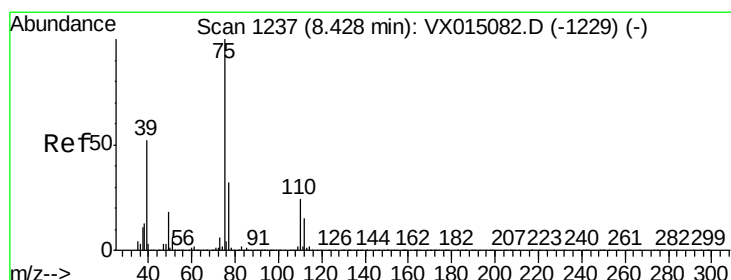
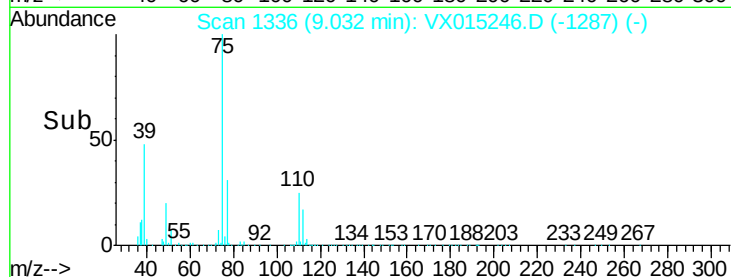
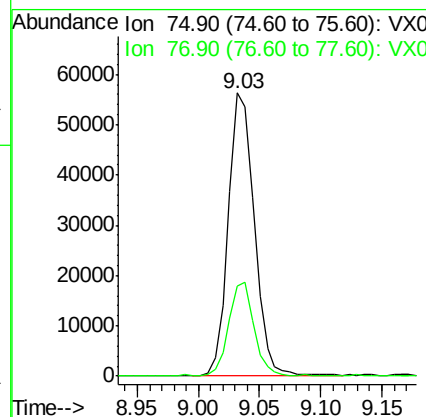
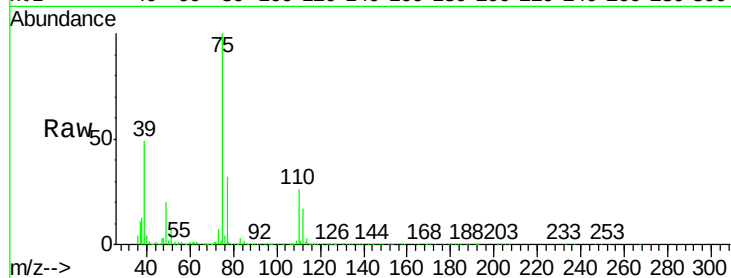
#53
t-1,3-Dichloropropene
Concen: 19.134 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

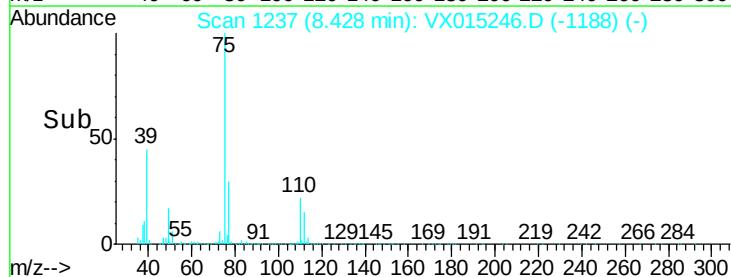
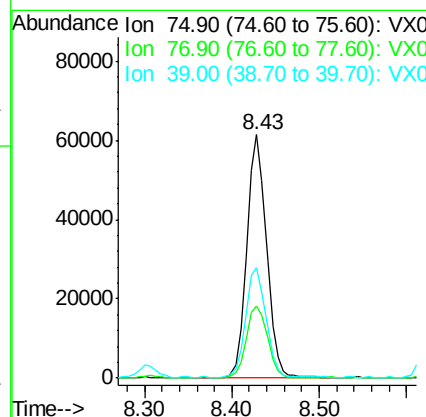
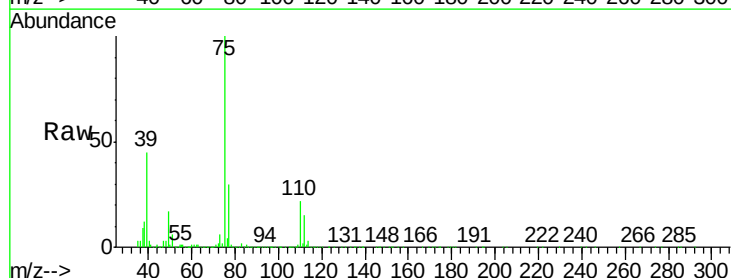
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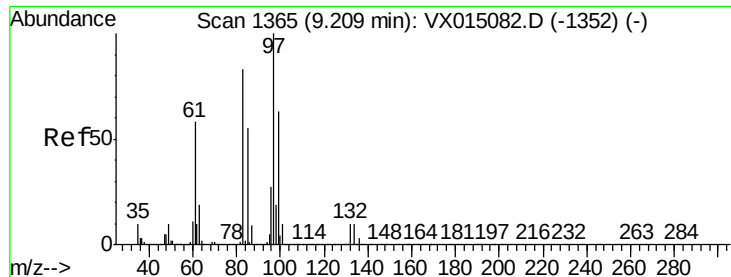
MMDadoda
3/16/2020 2:07:25 PM



#54
cis-1,3-Dichloropropene
Concen: 19.804 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.8	38.6
39	45.2	41.3	61.9





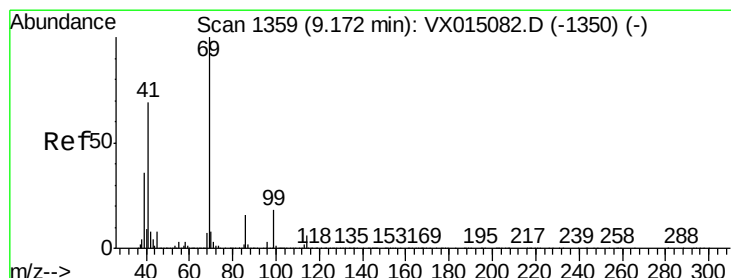
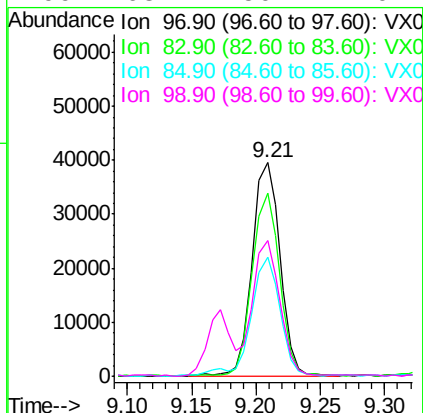
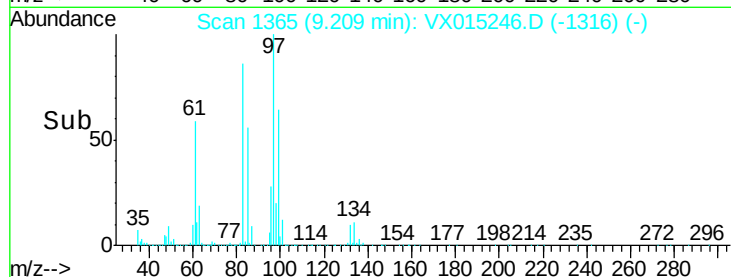
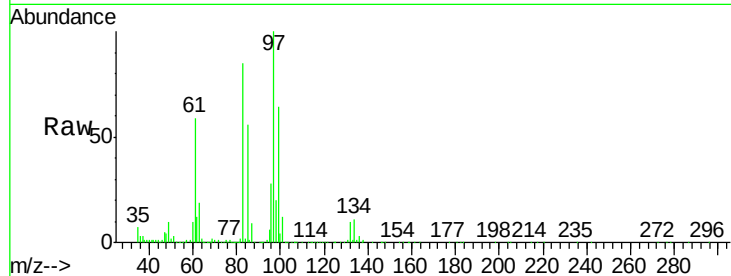
#55
 1,1,2-Trichloroethane
 Concen: 19.103 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58593		
83	85.3	66.4	99.6		
85	55.6	43.5	65.3		
99	63.4	50.7	76.1		

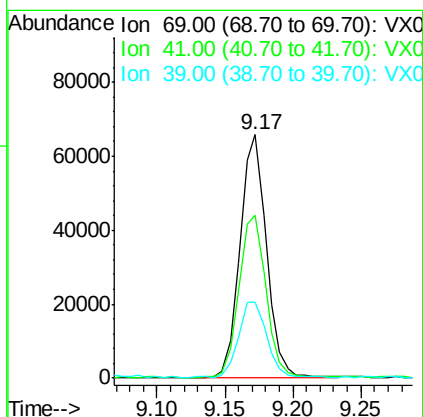
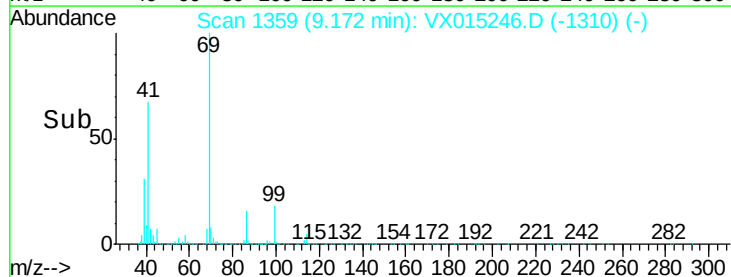
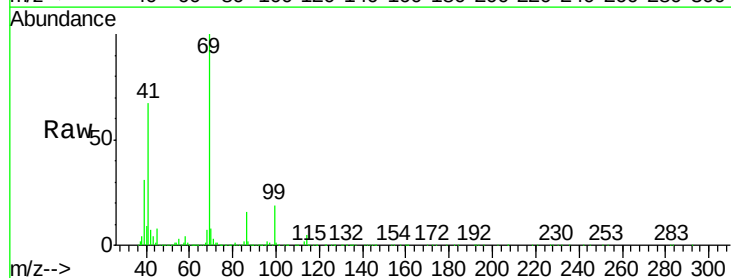
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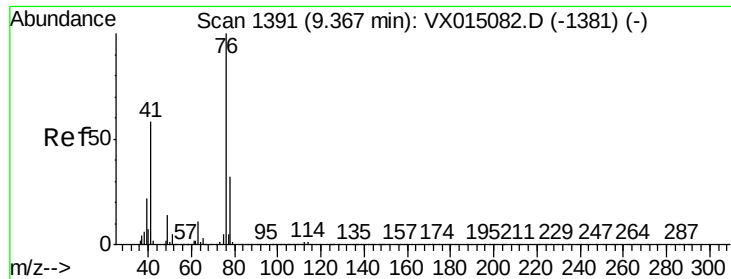
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#56
 Ethyl methacrylate
 Concen: 20.348 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		89022		
41	68.4	55.8	83.8		
39	33.2	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 19.687 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 76 Resp: 101586

Ion Ratio Lower Upper

76 100

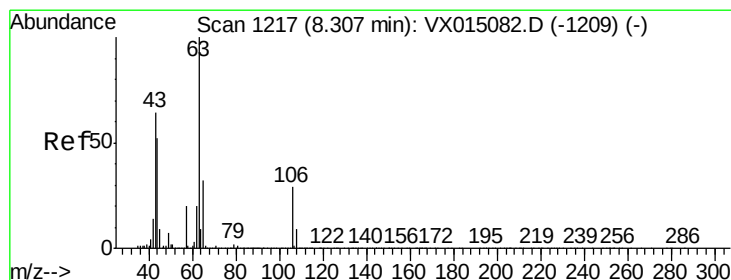
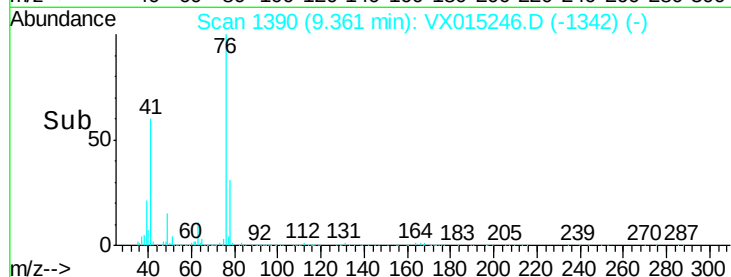
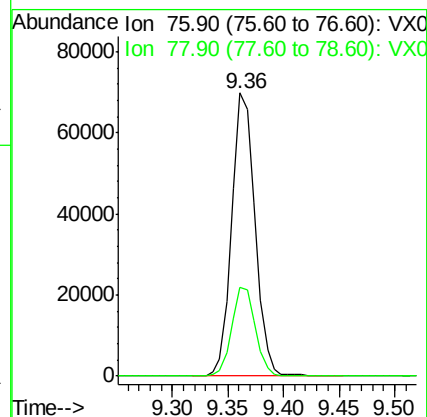
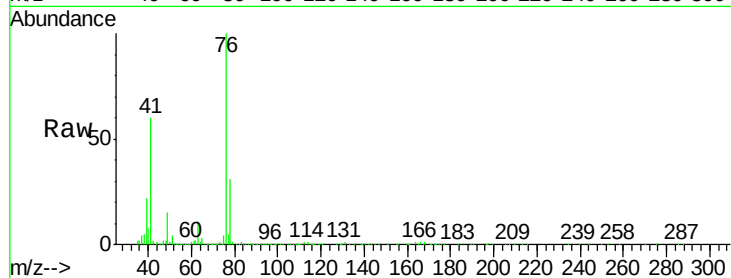
78 31.6 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.708 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015246.D

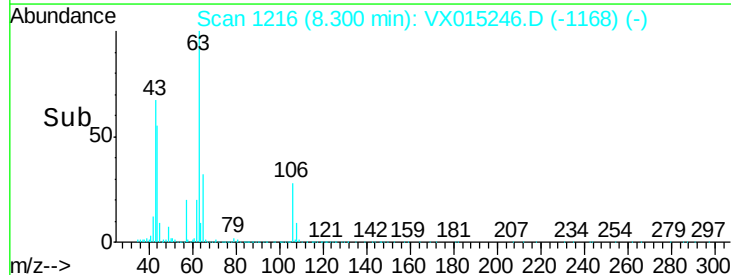
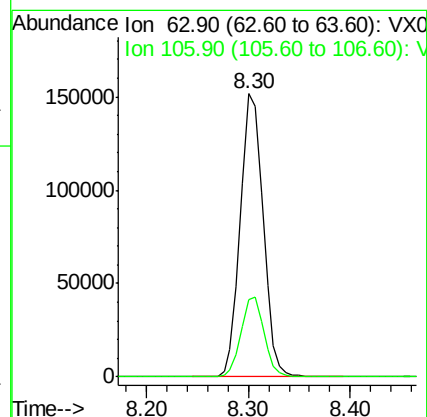
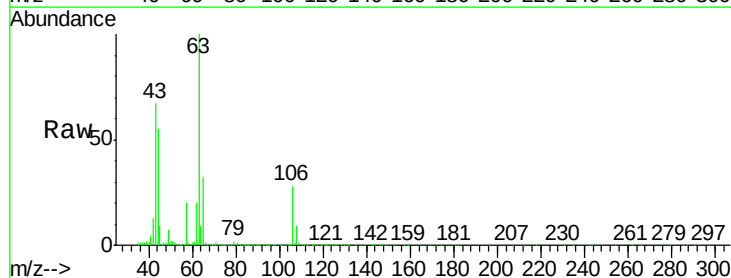
Acq: 13 Mar 2020 10:03

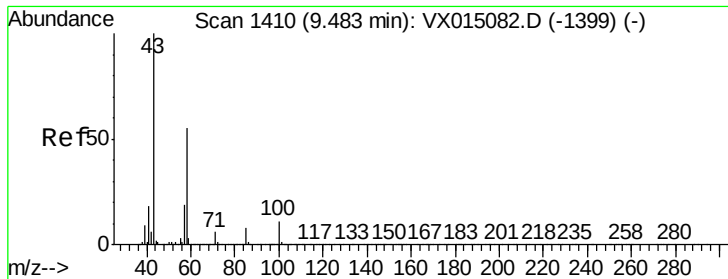
Tgt Ion: 63 Resp: 235255

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2





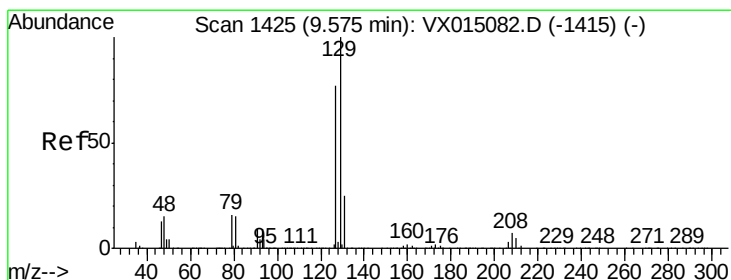
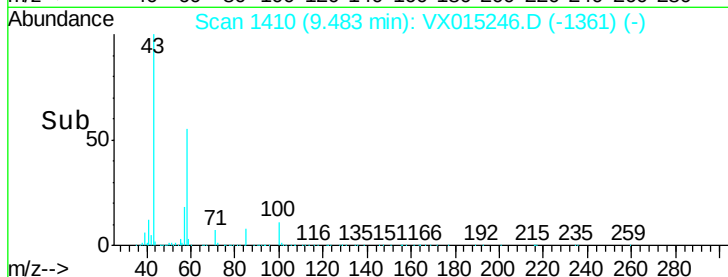
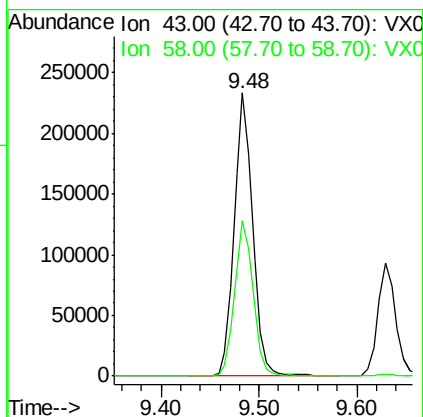
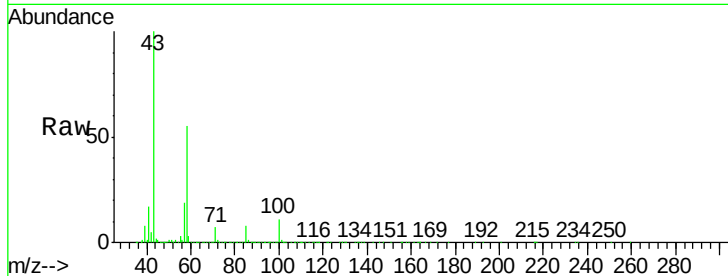
#59
2-Hexanone
Concen: 104.079 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion: 43 Resp: 305747
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8

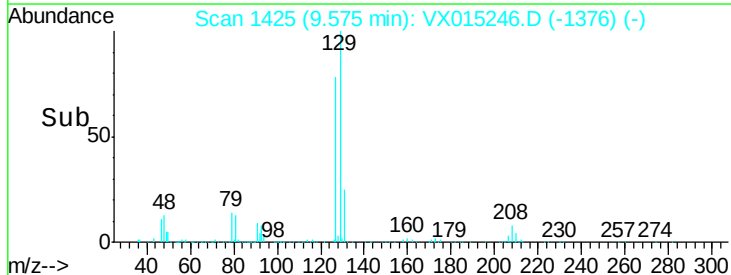
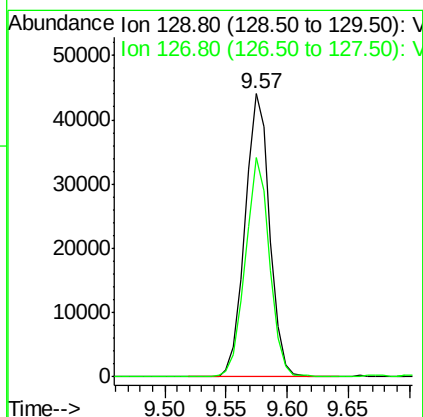
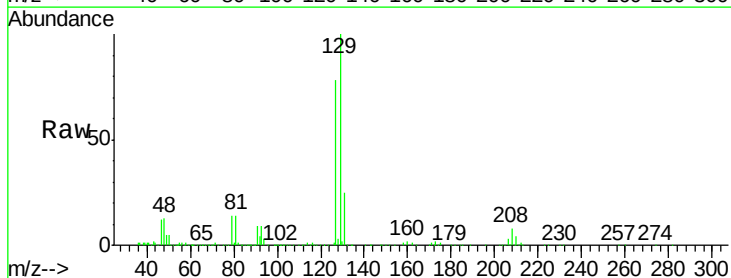
Manual Integrations
APPROVED

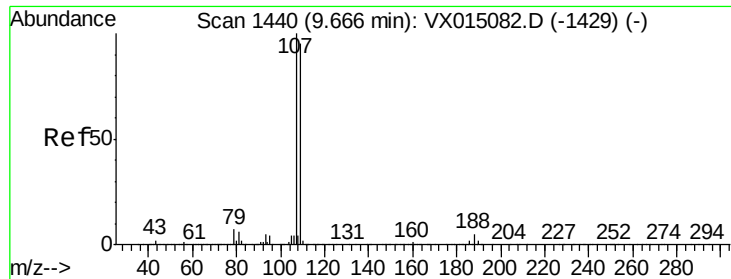
MMDadoda
3/16/2020 2:07:25 PM



#60
Dibromochloromethane
Concen: 19.188 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion: 129 Resp: 61823
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





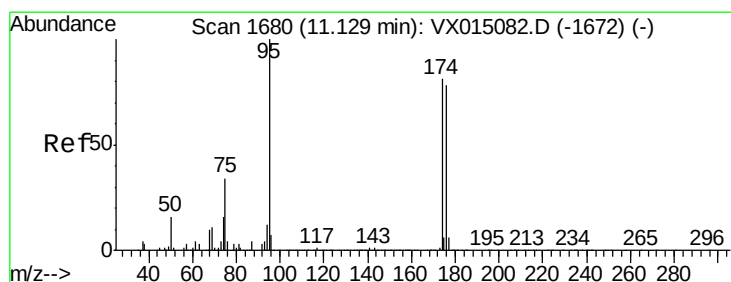
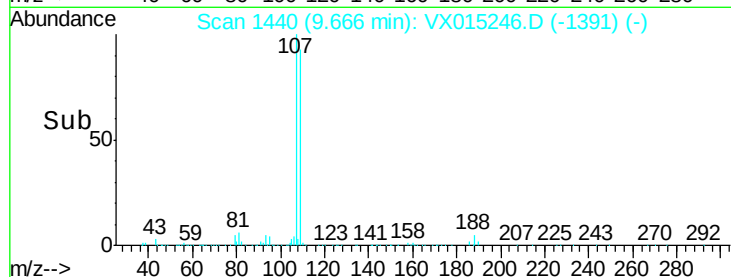
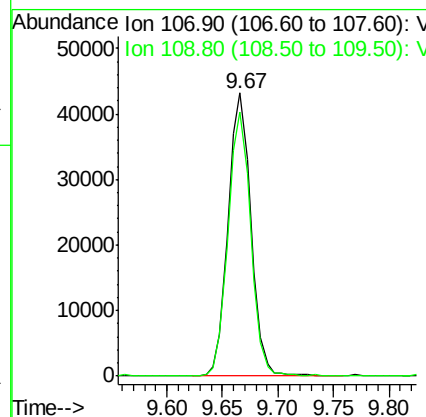
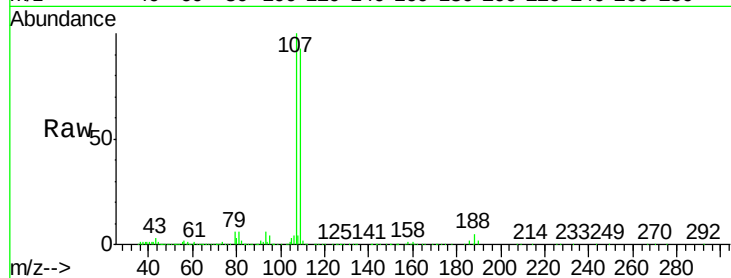
#61
 1,2-Dibromoethane
 Concen: 19.125 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion: 107 Resp: 61612
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.6 113.4

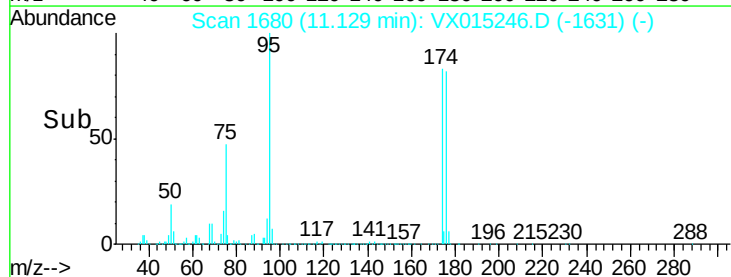
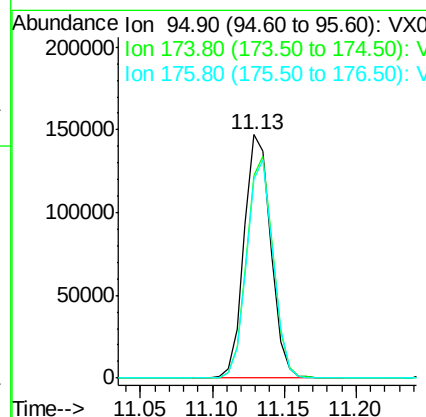
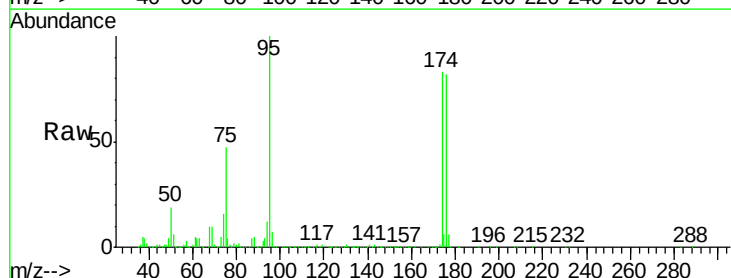
Manual Integrations
 APPROVED

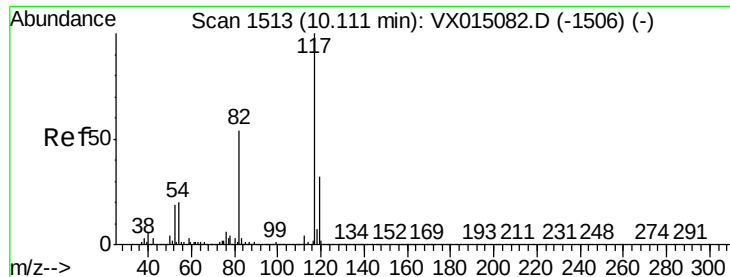
MMDadoda
 3/16/2020 2:07:25 PM



#62
 4-Bromofluorobenzene
 Concen: 49.878 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion: 95 Resp: 189713
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 177.6
 176 87.5 0.0 170.2





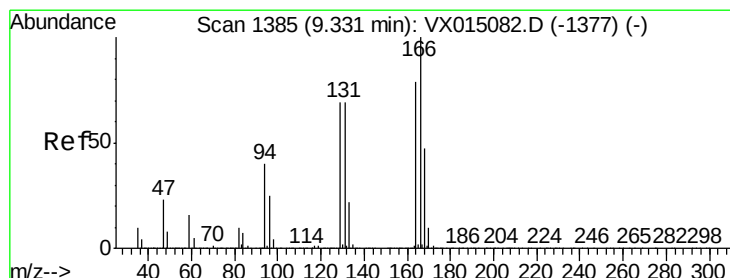
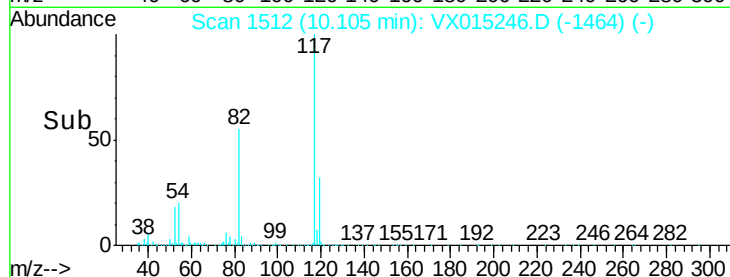
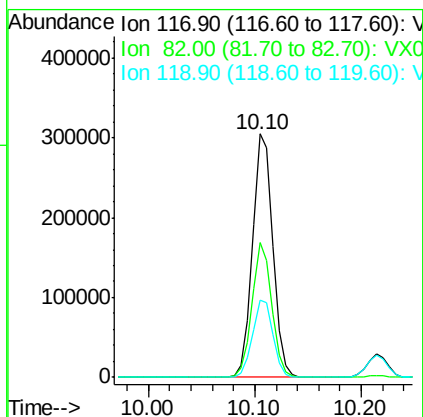
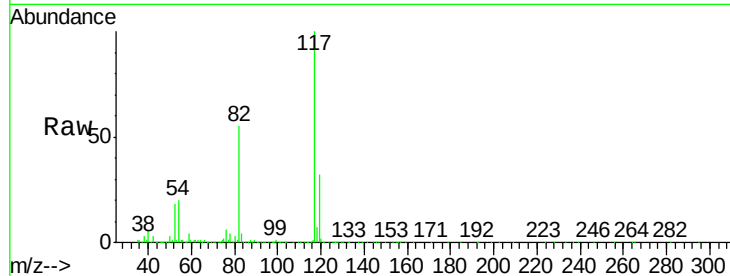
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.3	64.9
119	31.8	25.8	38.8

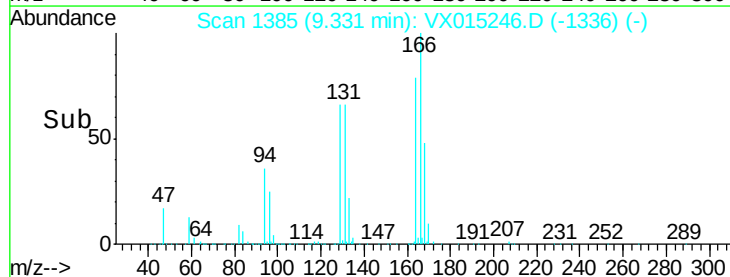
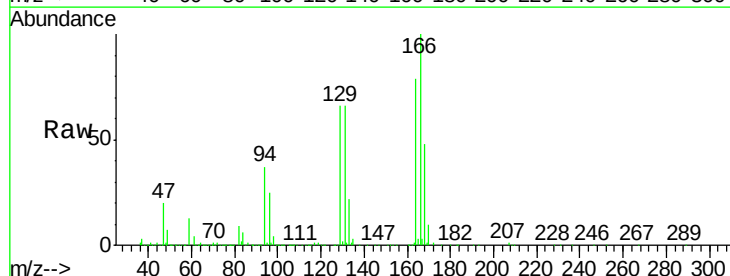
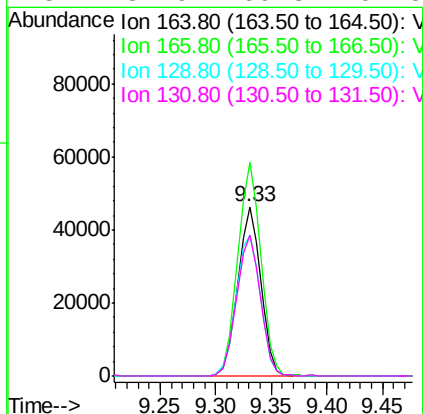
Manual Integrations
APPROVED

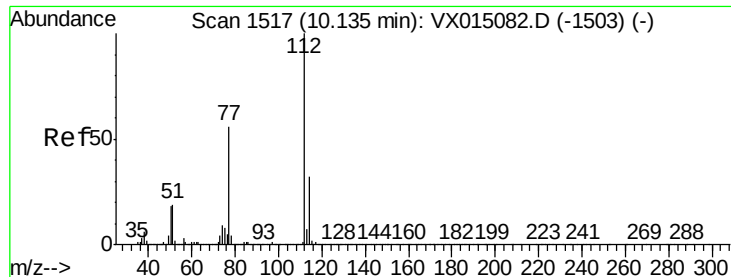
MMDadoda
3/16/2020 2:07:25 PM



#64
Tetrachloroethene
Concen: 19.693 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	101.1	151.7
129	83.0	69.4	104.0
131	82.9	69.8	104.8





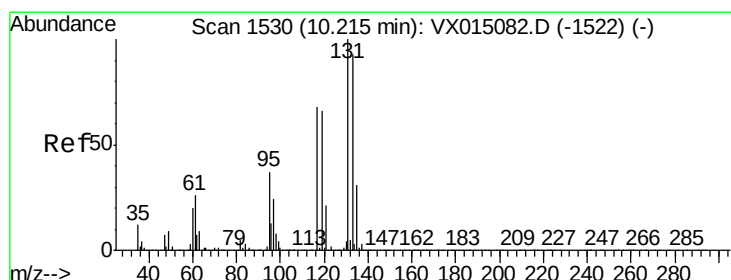
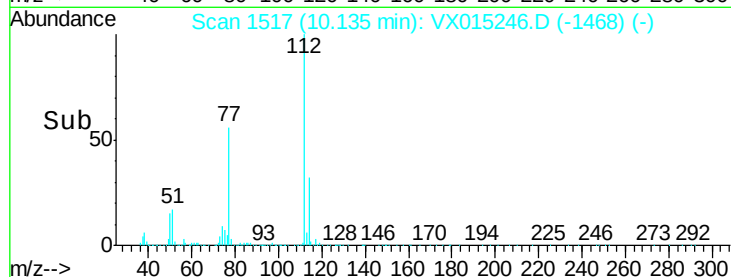
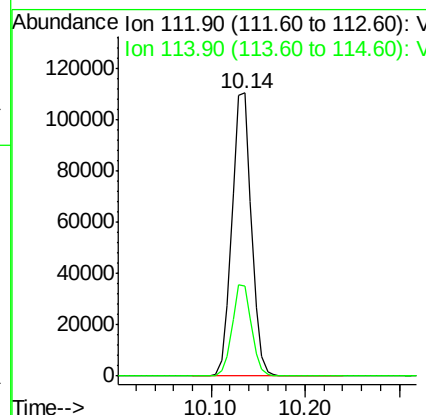
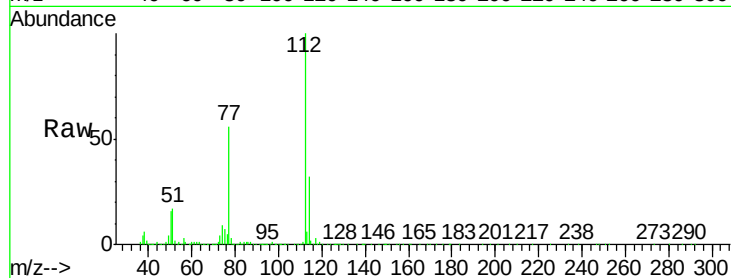
#65
Chlorobenzene
Concen: 19.287 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	158171		
114	31.9	25.5	38.3	

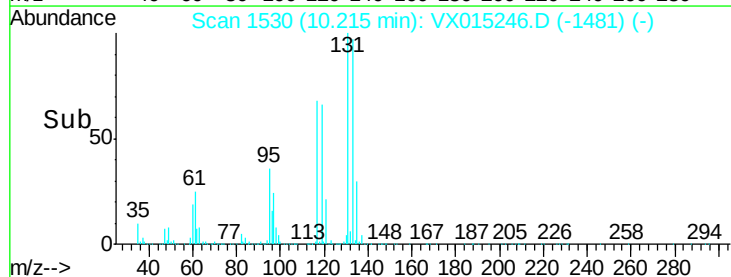
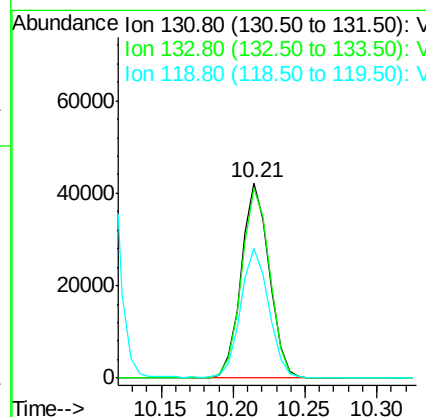
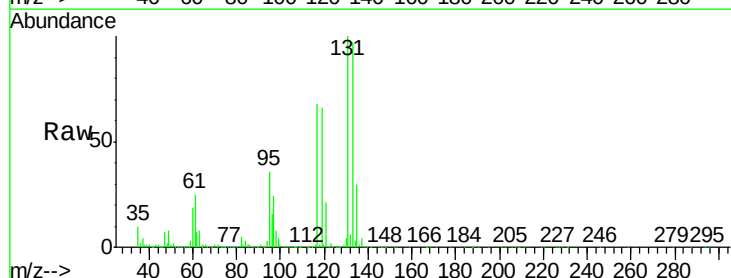
Manual Integrations
APPROVED

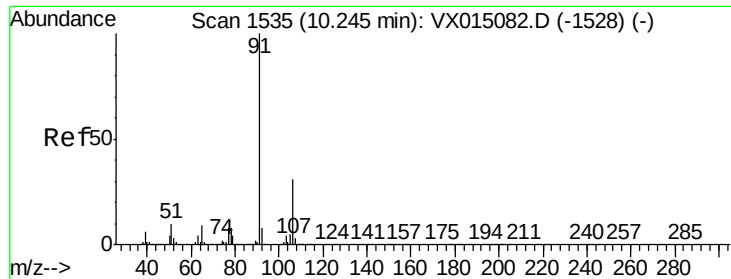
MMDadoda
3/16/2020 2:07:25 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.520 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	57269		
133	98.5	47.5	142.5	
119	66.6	33.4	100.1	





#67

Ethyl Benzene

Concen: 19.493 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 91 Resp: 271455

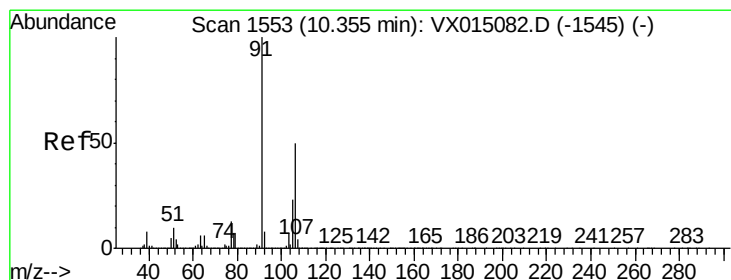
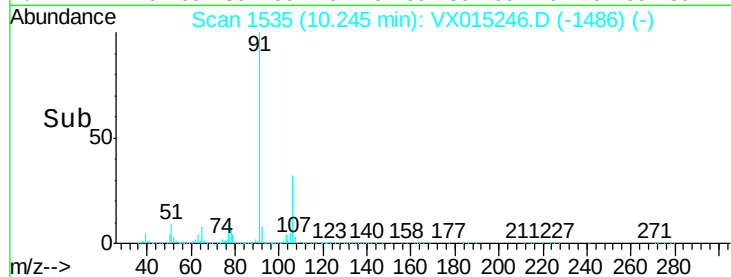
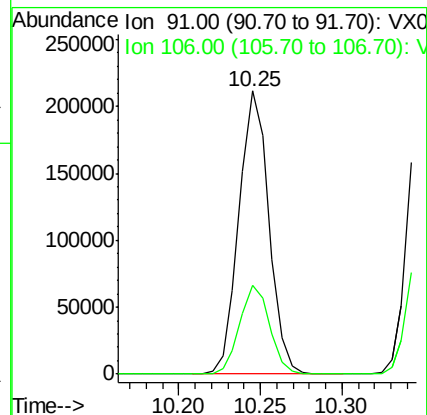
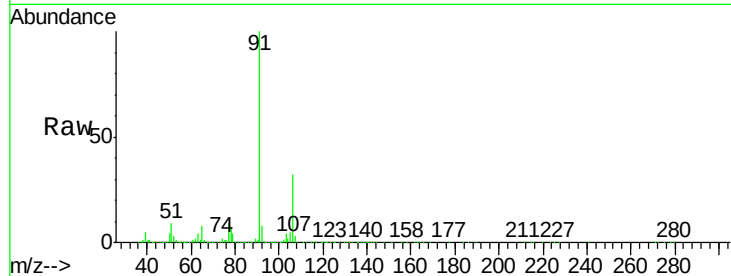
Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 39.090 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015246.D

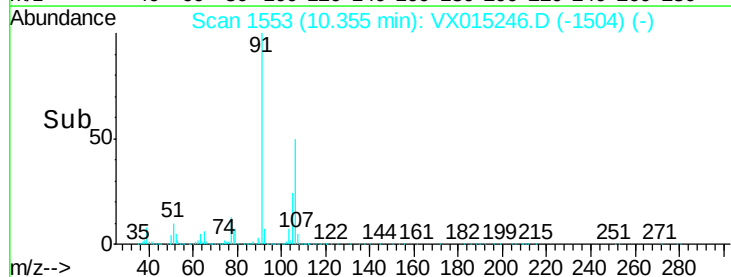
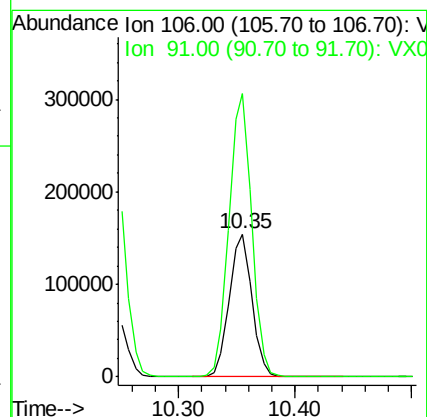
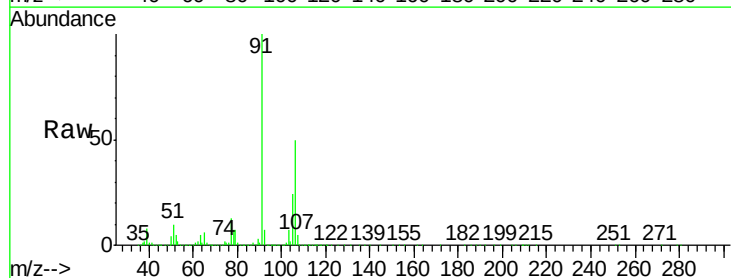
Acq: 13 Mar 2020 10:03

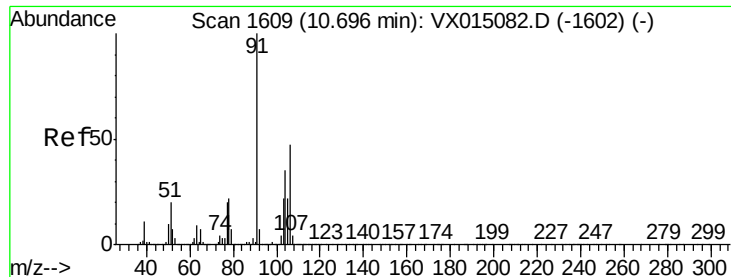
Tgt Ion: 106 Resp: 207108

Ion Ratio Lower Upper

106 100

91 199.1 159.4 239.2





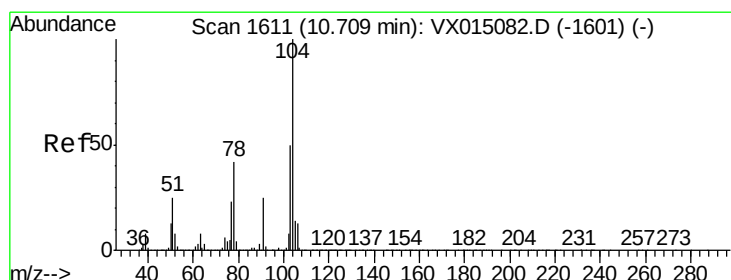
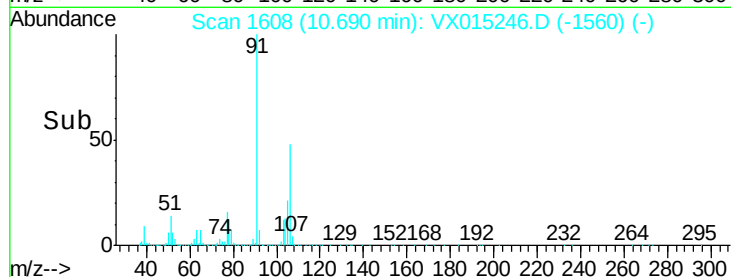
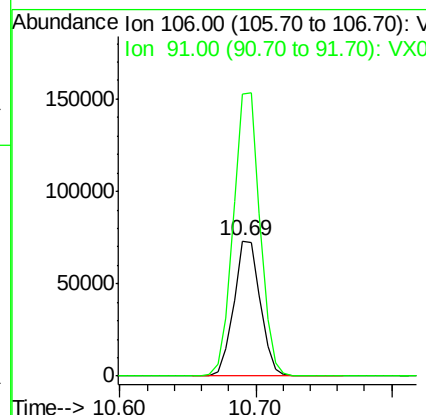
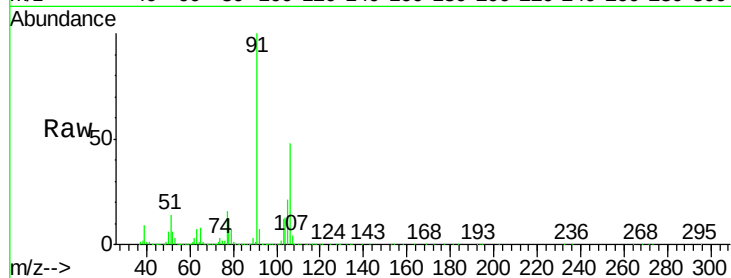
#69
o-Xylene
Concen: 19.594 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion:106 Resp: 99395
Ion Ratio Lower Upper
106 100
91 209.1 105.4 316.1

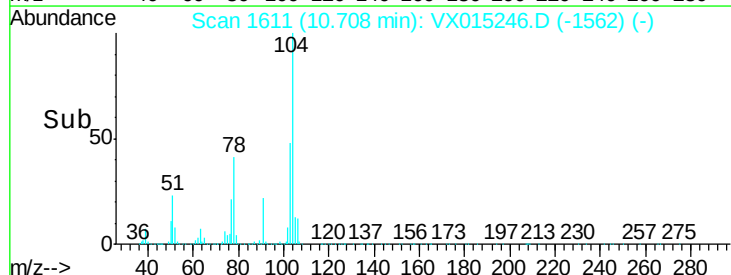
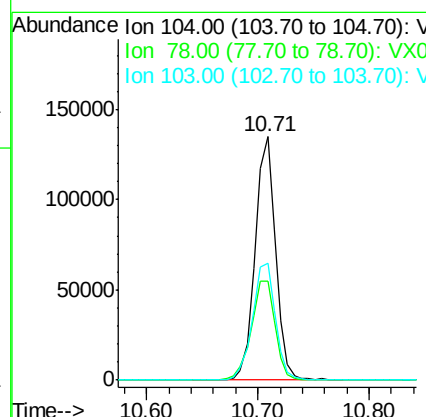
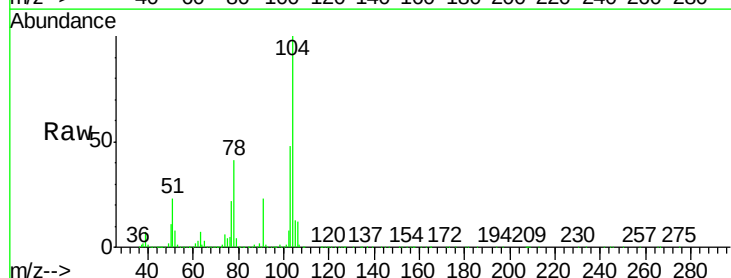
Manual Integrations
APPROVED

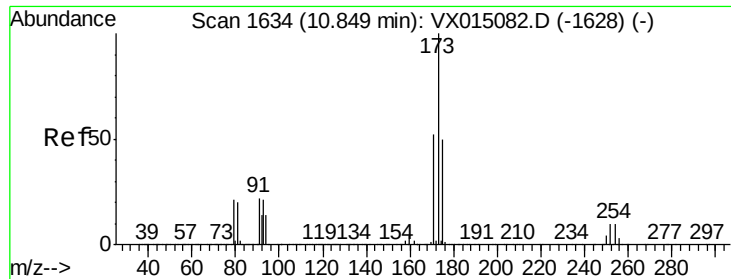
MMDadoda
3/16/2020 2:07:25 PM



#70
Styrene
Concen: 19.839 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion:104 Resp: 172556
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.4
103 54.3 43.7 65.5





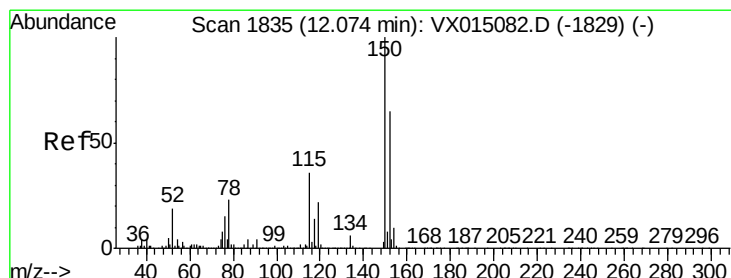
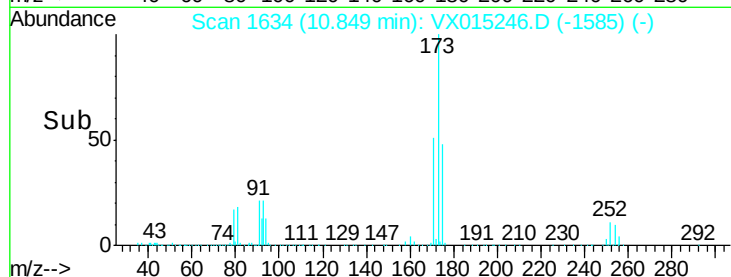
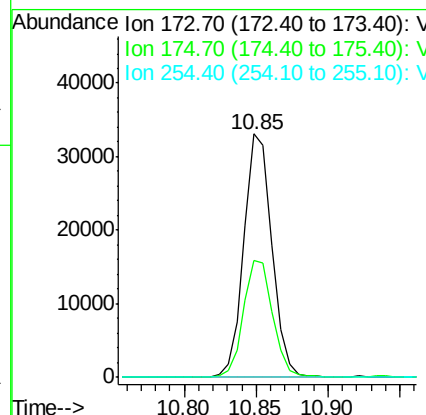
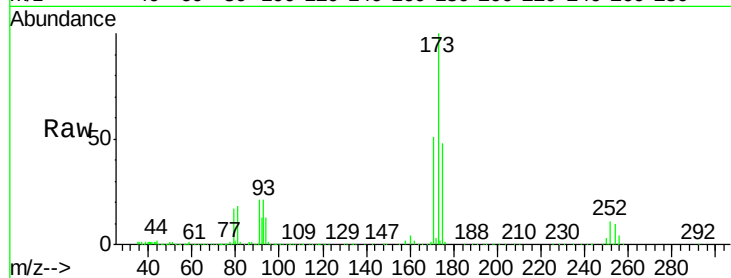
#71
Bromoform
Concen: 18.715 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.9	74.7
254	0.2	0.2	0.2

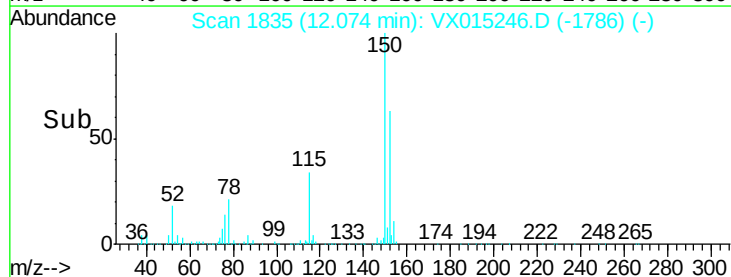
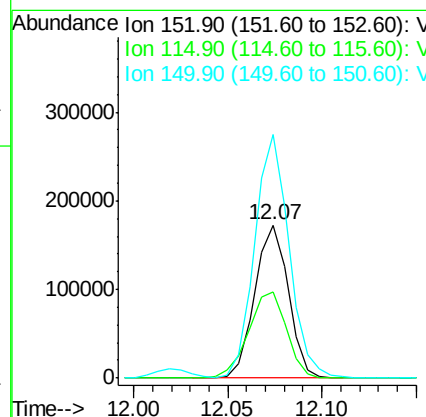
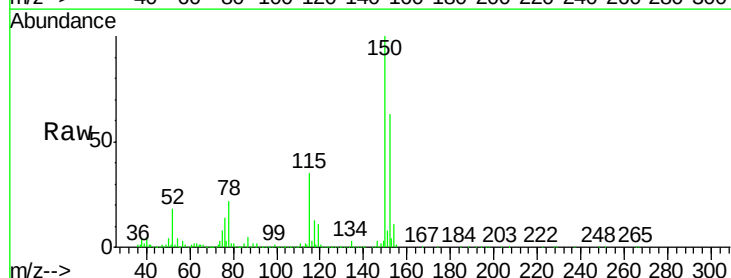
Manual Integrations
APPROVED

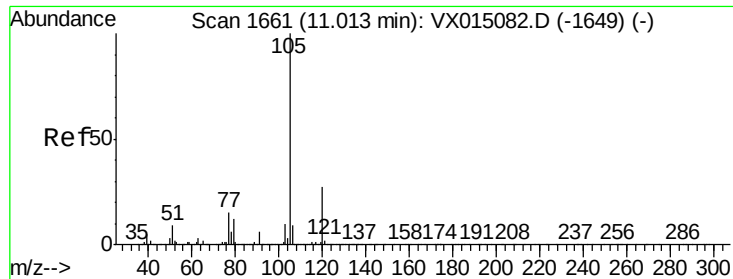
MMDadoda
3/16/2020 2:07:25 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	38.2	114.6
150	162.7	0.0	343.8





#73

Isopropylbenzene

Concen: 19.649 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampled :

VX0313WBS01

Tot Ion:105 Resp: 268040

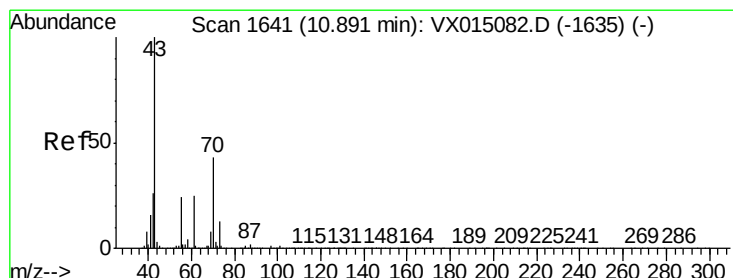
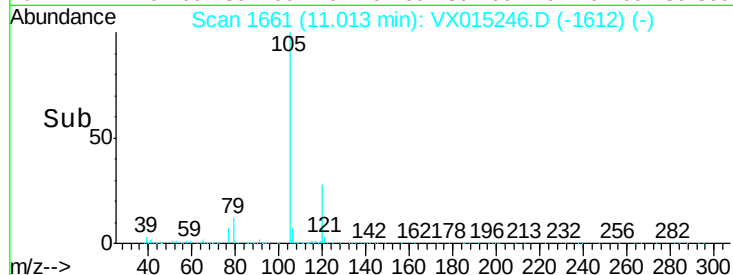
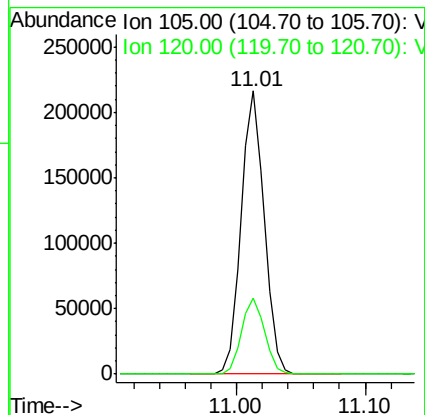
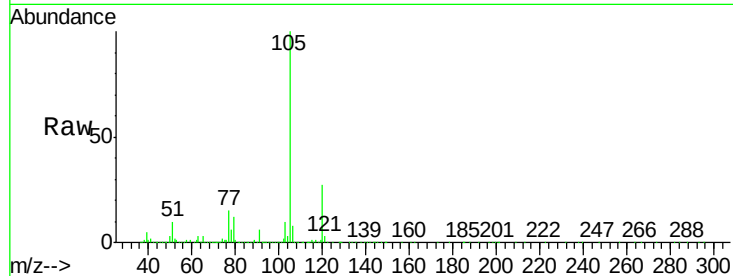
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

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3/16/2020 2:07:25 PM



#74

N-ethyl acetate

Concen: 19.469 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion: 43 Resp: 111927

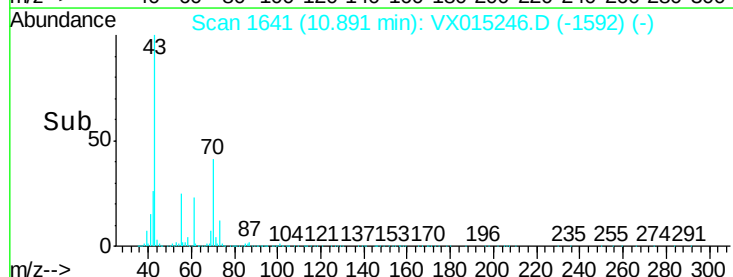
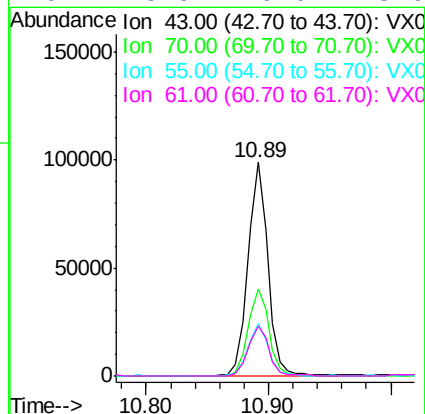
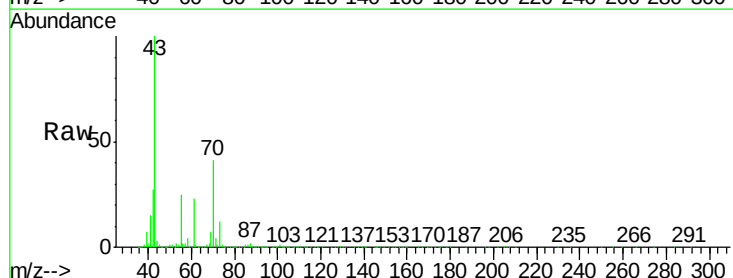
Ion Ratio Lower Upper

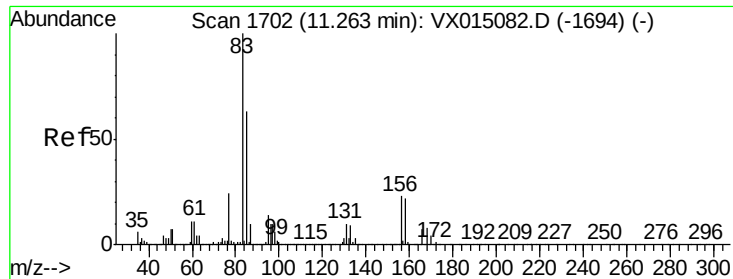
43 100

70 43.2 34.7 52.1

55 24.4 19.4 29.0

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.689 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

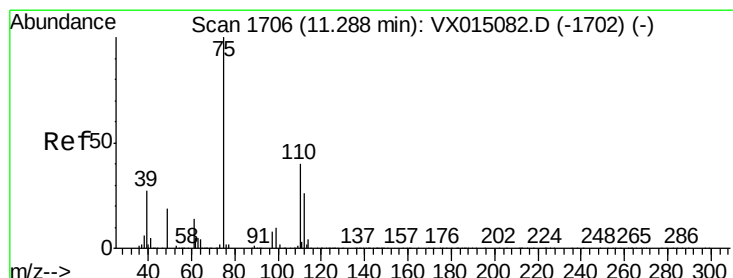
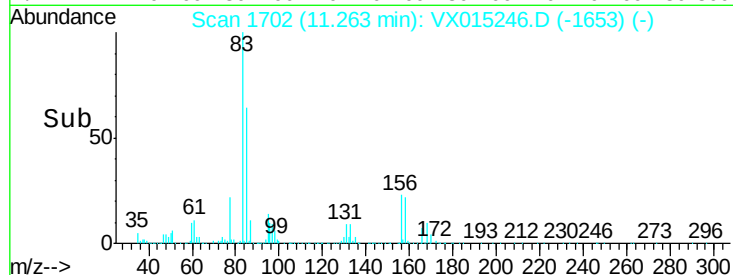
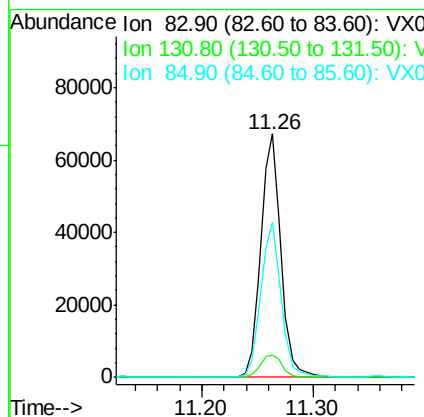
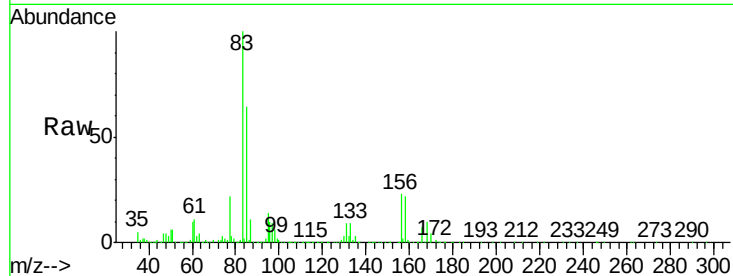
ClientSampleId :

VX0313WBS01

Tot Ion:	83	Resp:	84963
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.5	31.9	95.9

Manual Integrations
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3/16/2020 2:07:25 PM



#76

1,2,3-Trichloropropane

Concen: 16.483 ug/l m

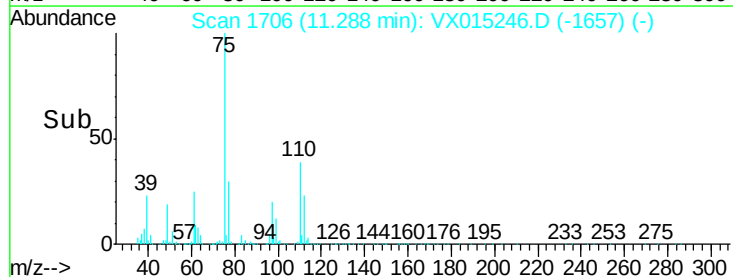
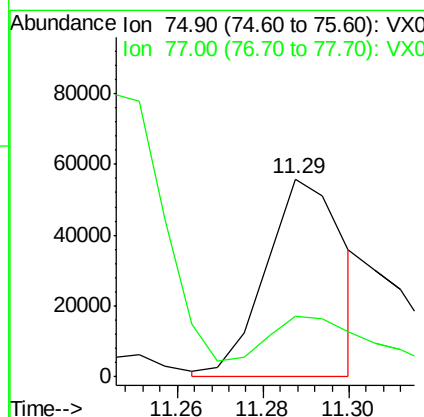
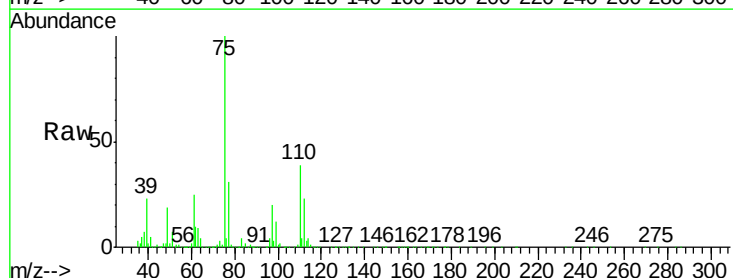
RT: 11.29 min Scan# 1706

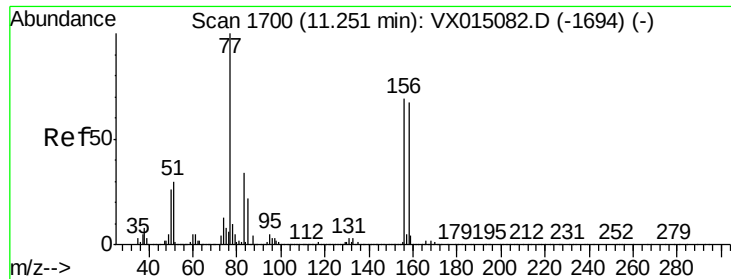
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	75	Resp:	70212
Ion Ratio	Lower	Upper	
75	100		
77	44.9	22.6	67.8





#77

Bromobenzene

Concen: 18.649 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion:156 Resp: 70898

Ion Ratio Lower Upper

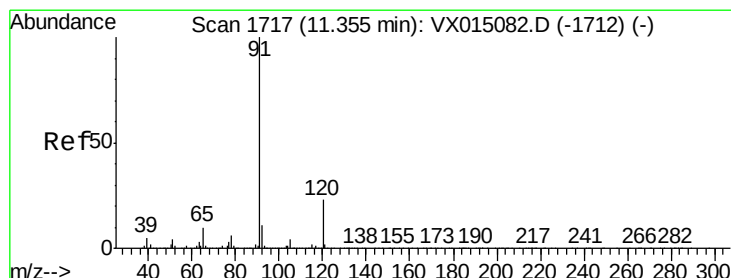
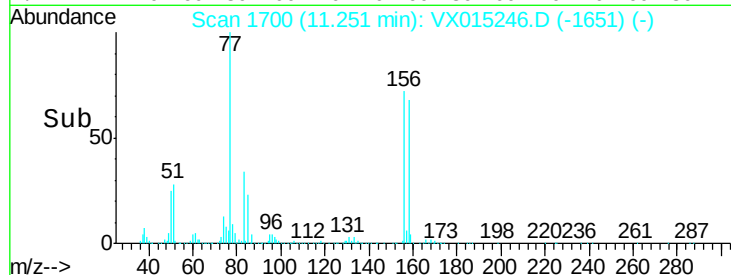
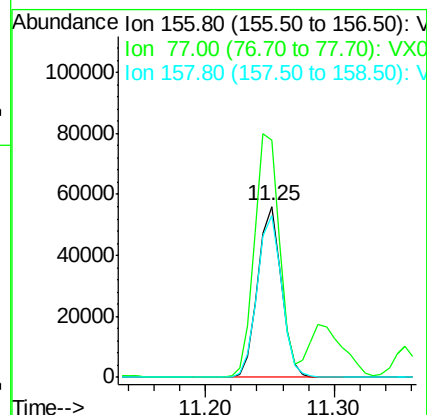
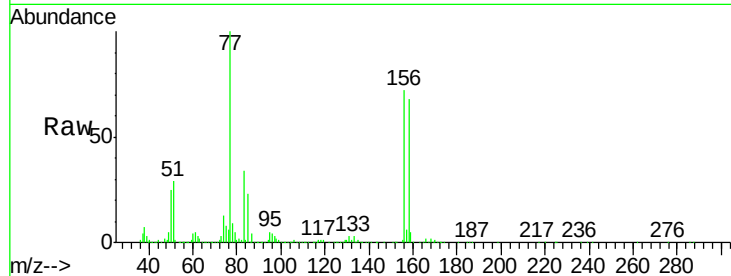
156 100

77 149.5 75.3 225.9

158 98.0 48.5 145.6

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#78

n-propylbenzene

Concen: 19.938 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015246.D

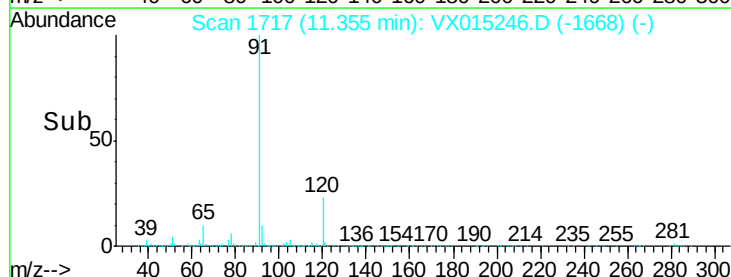
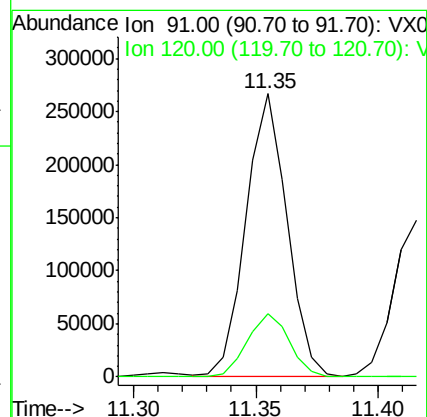
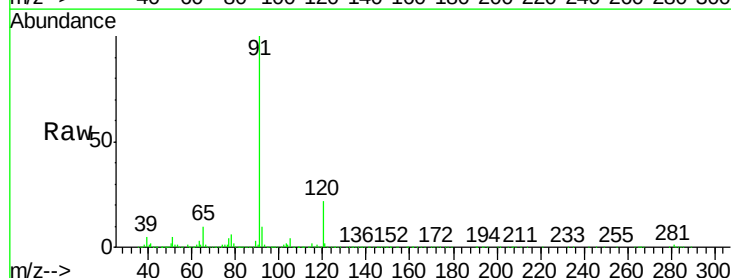
Acq: 13 Mar 2020 10:03

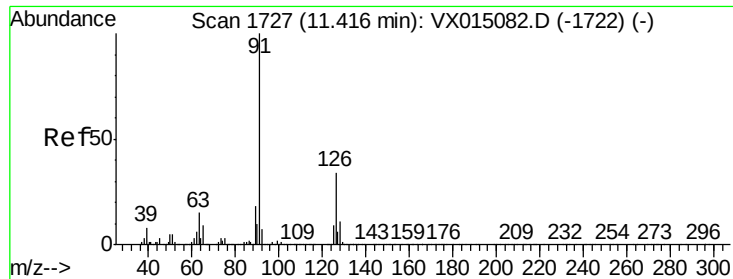
Tgt Ion: 91 Resp: 310741

Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 19.576 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion: 91 Resp: 182202

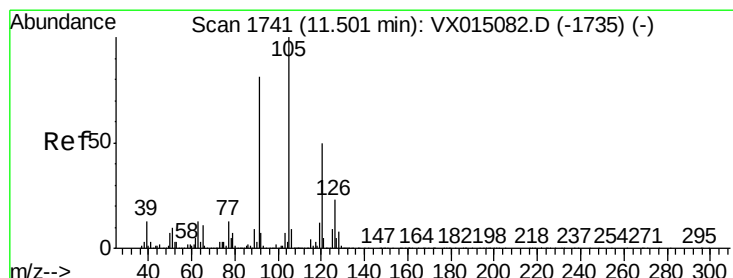
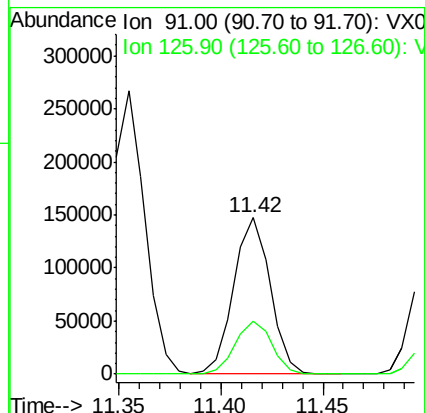
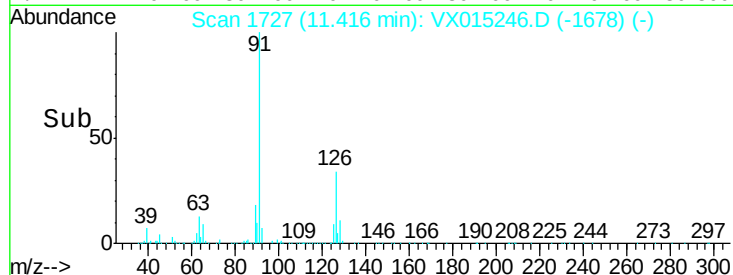
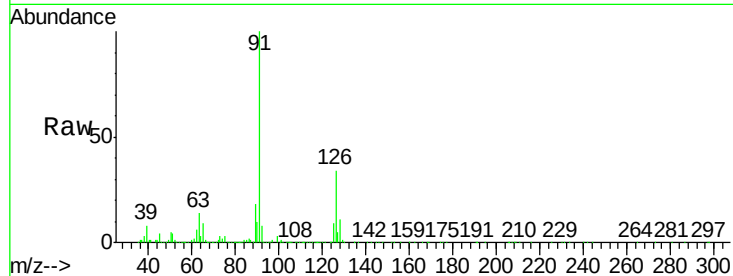
Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.815 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015246.D

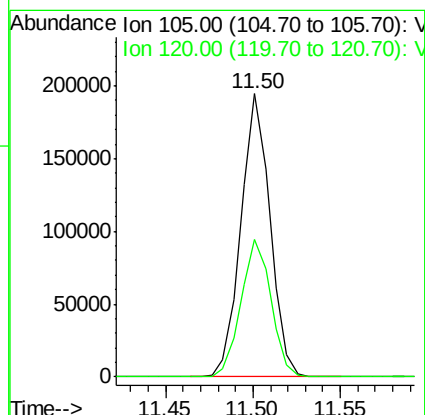
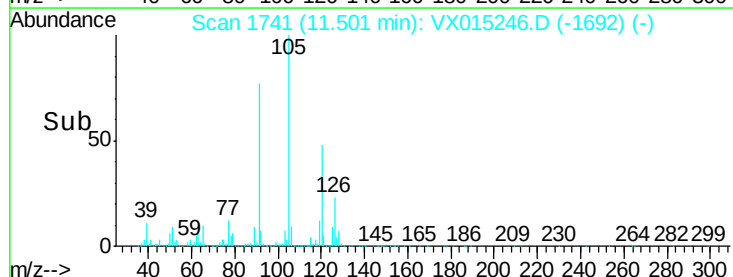
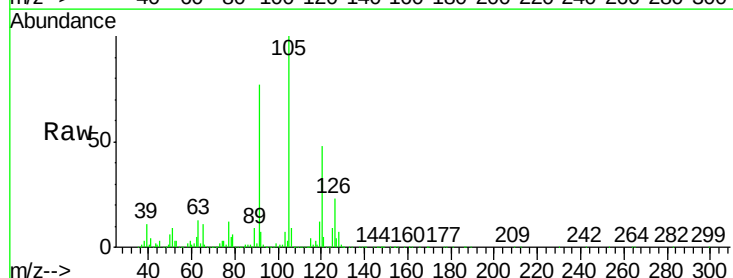
Acq: 13 Mar 2020 10:03

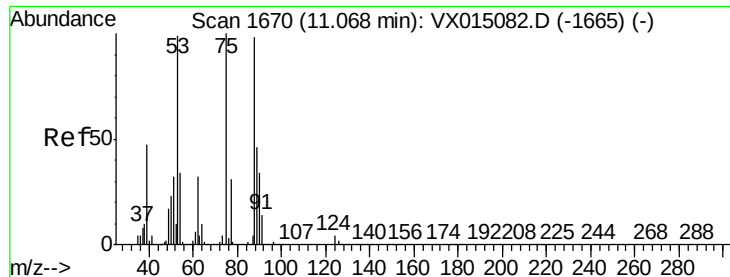
Tgt Ion: 105 Resp: 225022

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.178 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

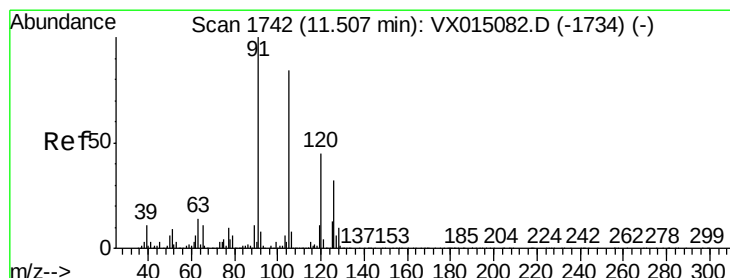
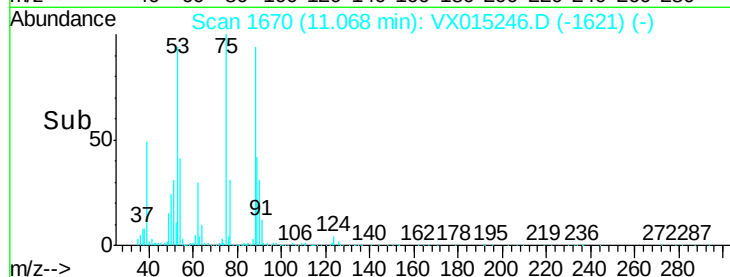
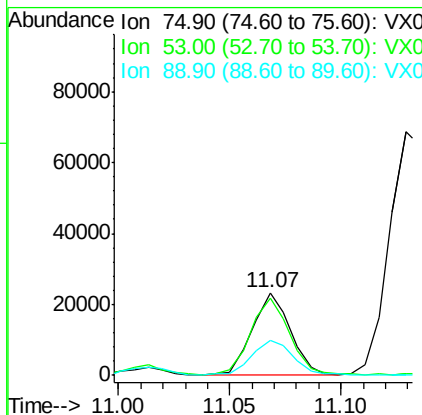
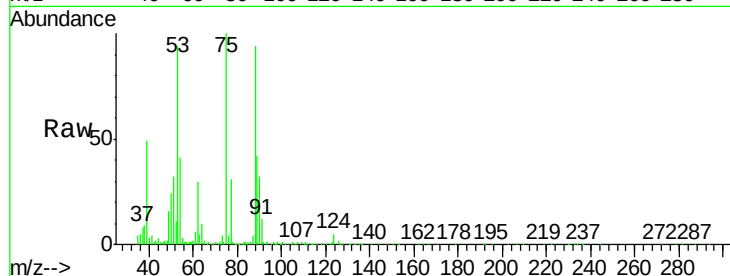
ClientSampleId :

VX0313WBS01

Tot Ion:	75	Resp:	27284
Ion	Ratio	Lower	Upper
75	100		
53	96.9	77.9	116.9
89	46.2	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.127 ug/l

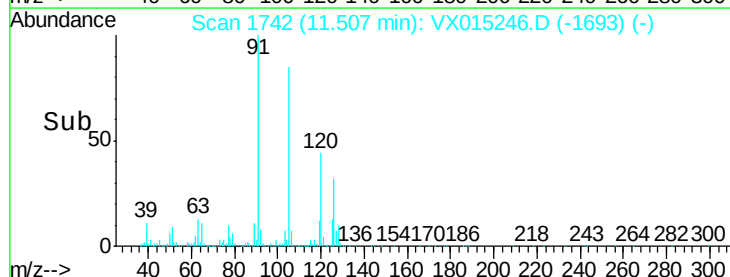
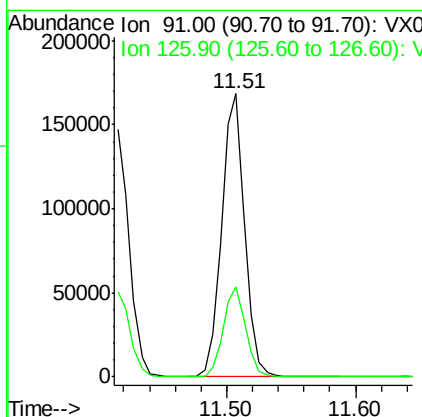
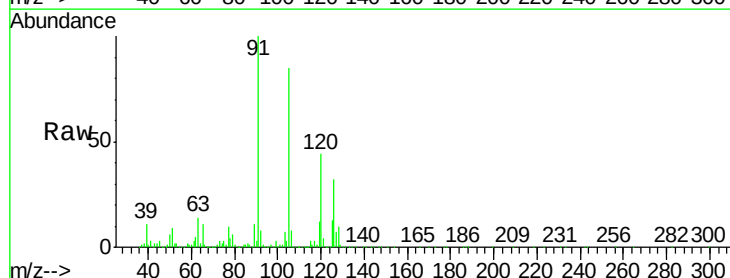
RT: 11.51 min Scan# 1742

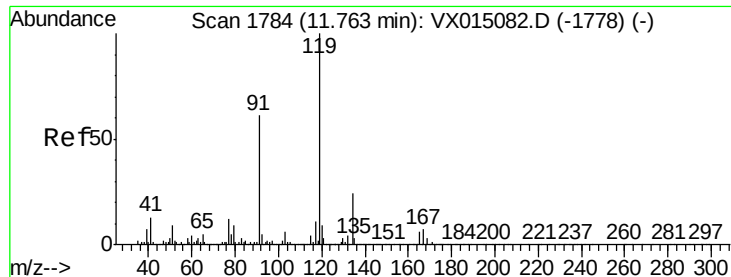
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	91	Resp:	210314
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.2





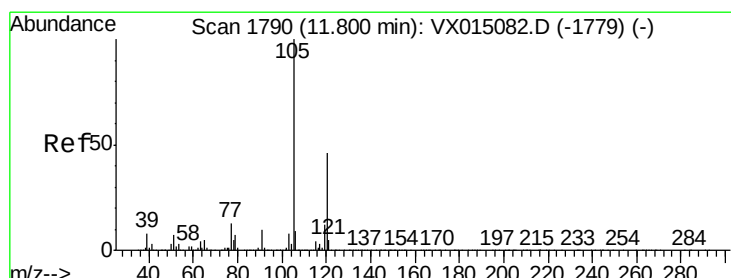
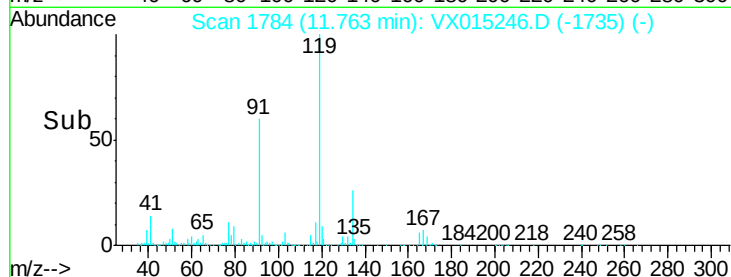
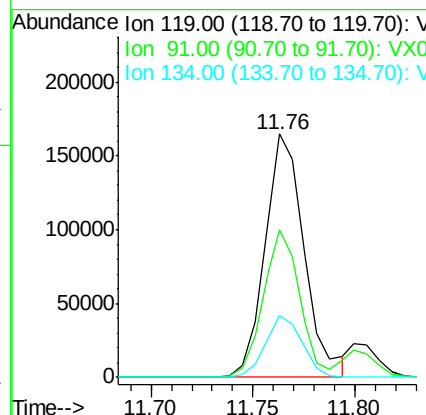
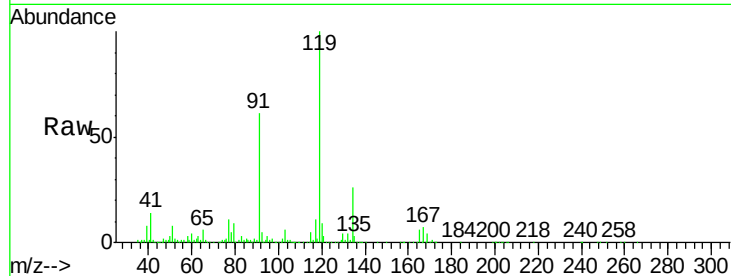
#83
tert-Butylbenzene
Concen: 20.060 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220265		
91	56.2	28.5	85.6	
134	24.1	11.9	35.7	

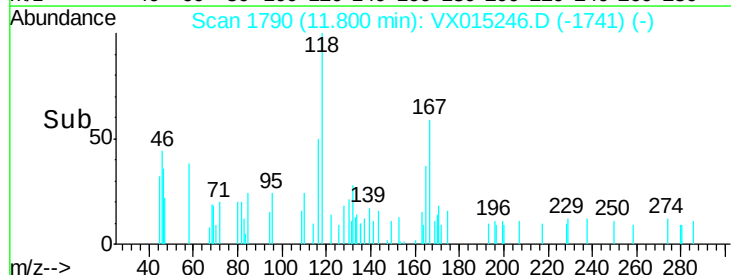
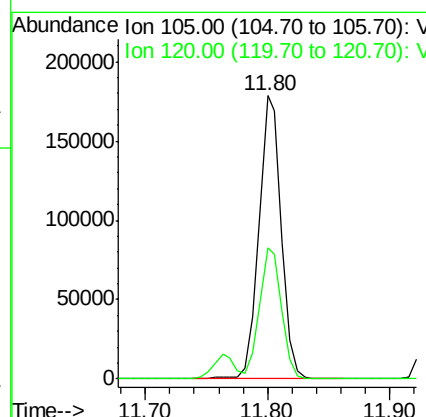
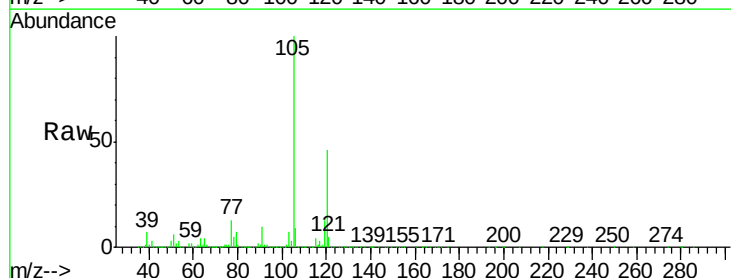
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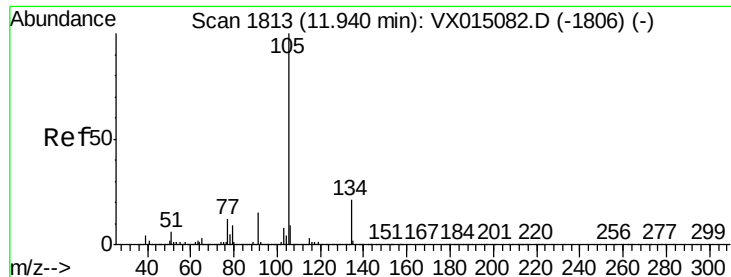
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.973 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227864		
120	45.8	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.030 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBS01

Tot Ion:105 Resp: 265508

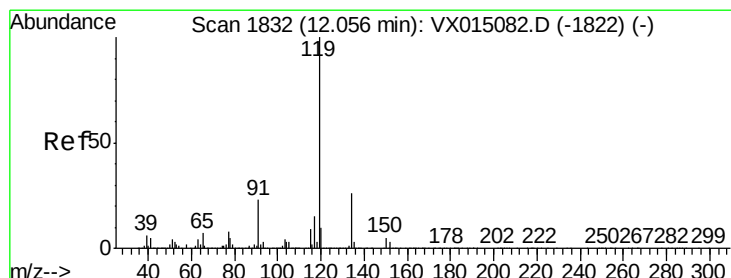
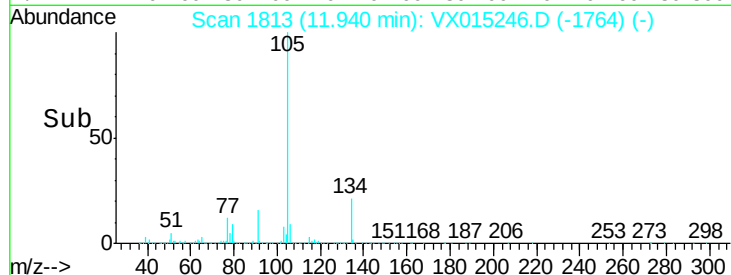
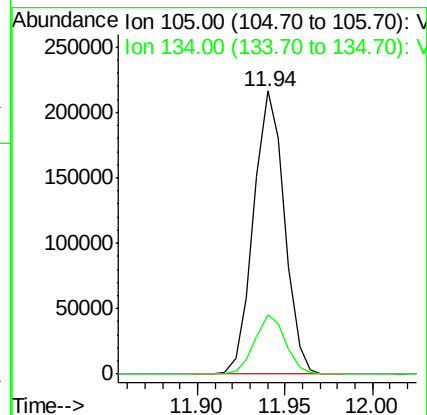
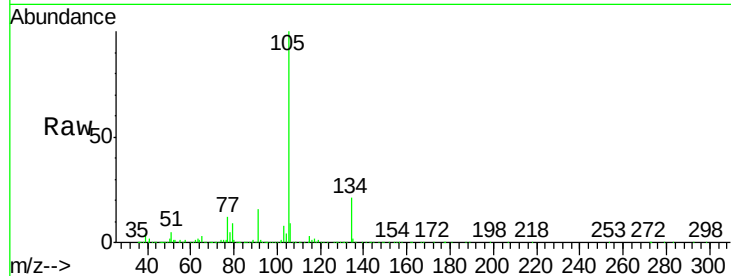
Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 20.245 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

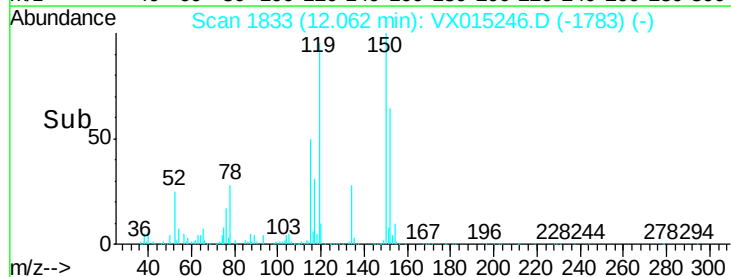
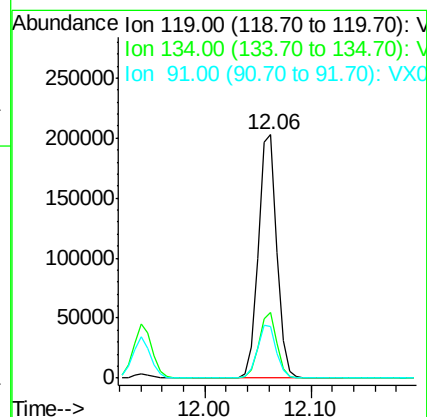
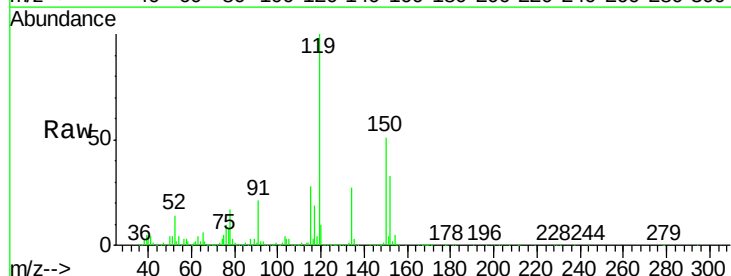
Tgt Ion:119 Resp: 247245

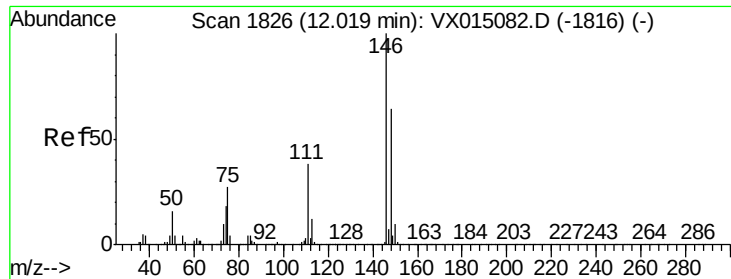
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.115 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

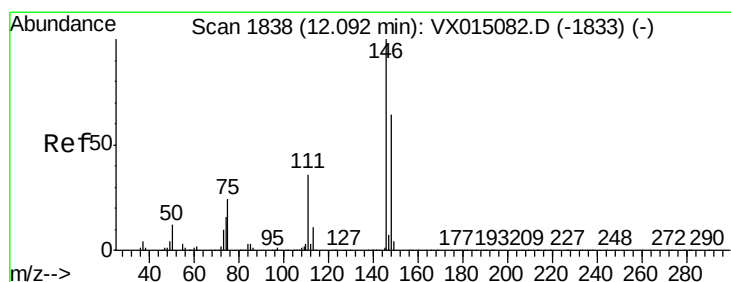
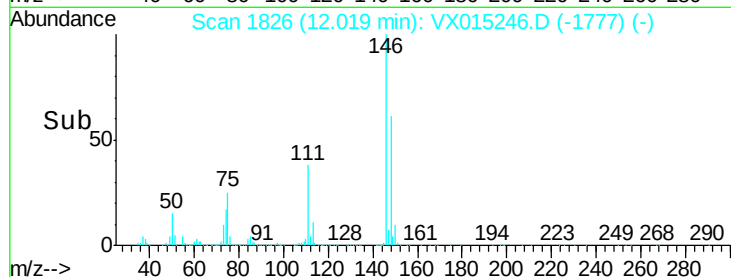
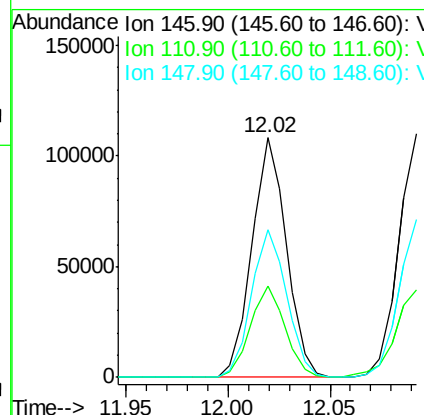
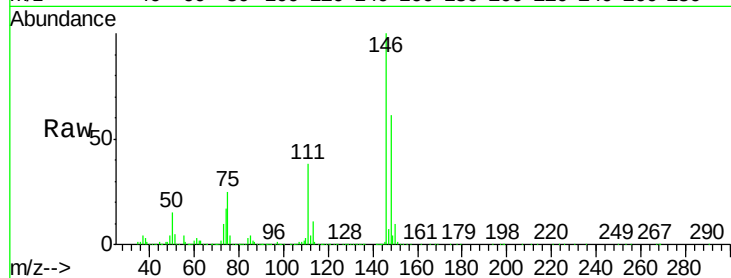
Instrument :
MSVOA_X

ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	63.2	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 18.523 ug/l

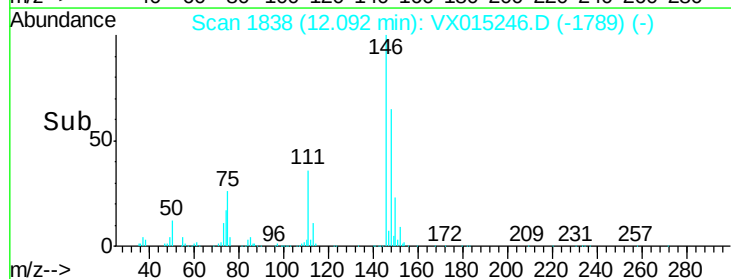
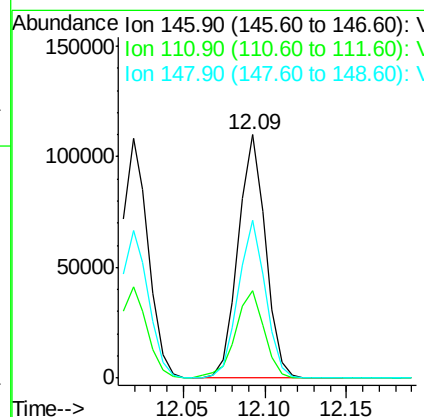
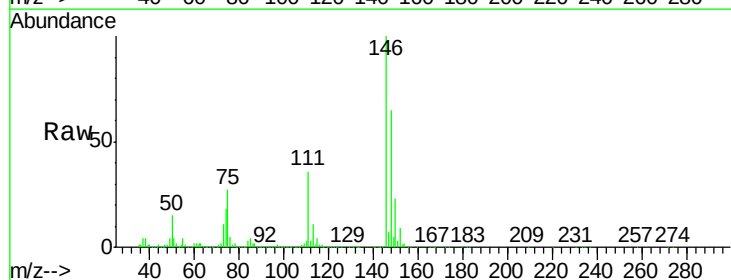
RT: 12.09 min Scan# 1838

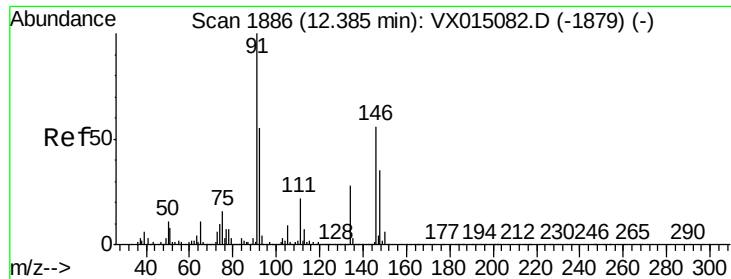
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	64.4	32.5	97.4





#89

n-Butylbenzene

Concen: 19.726 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

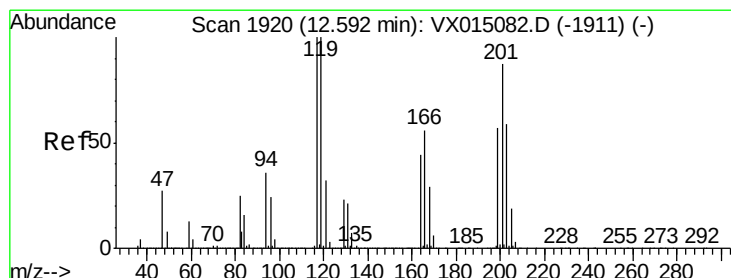
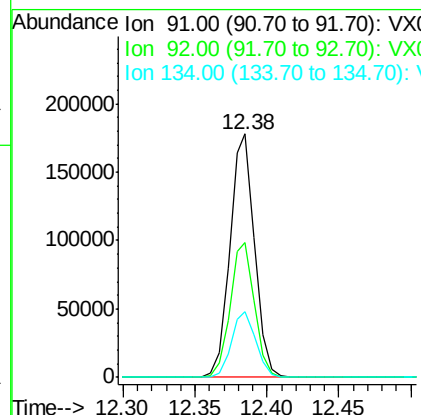
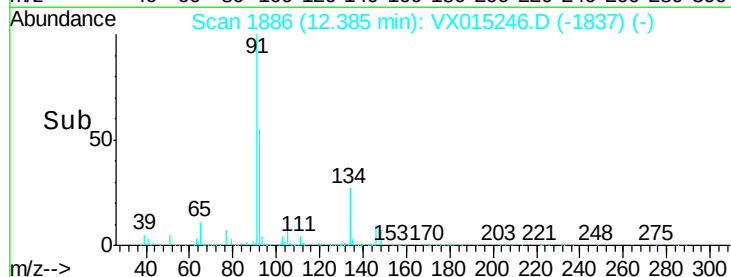
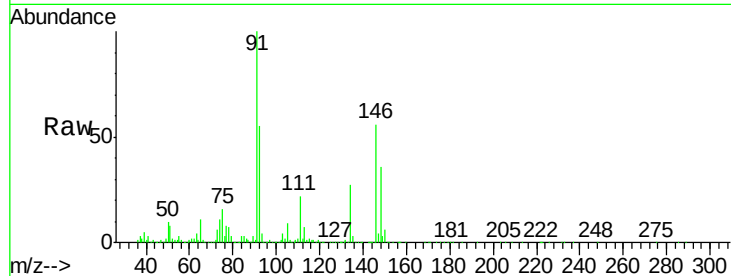
ClientSampleId :

VX0313WBS01

Tot Ion:	91	Resp:	214262
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.6
134	26.7	13.5	40.5

Manual Integrations
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#90

Hexachloroethane

Concen: 17.618 ug/l

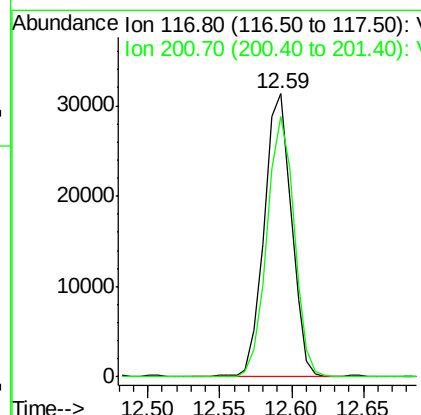
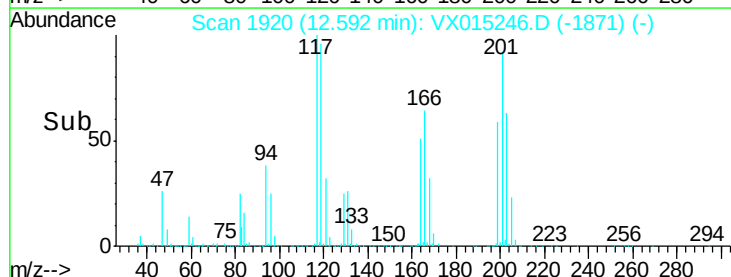
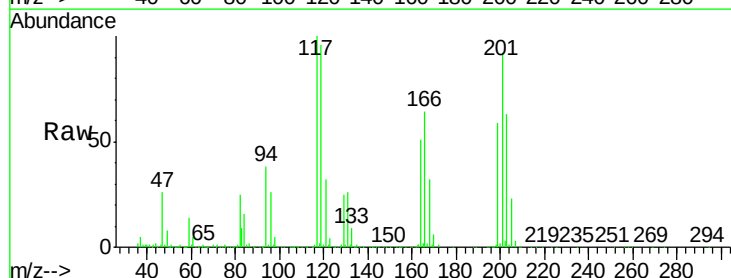
RT: 12.59 min Scan# 1920

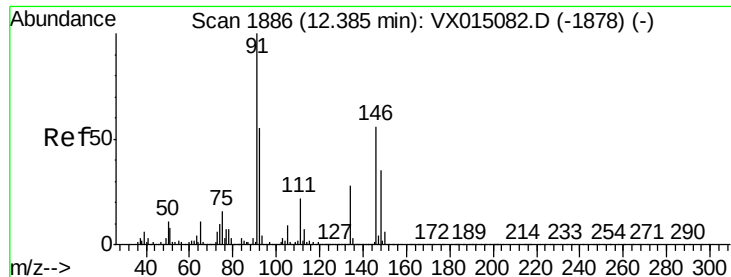
Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	117	Resp:	40677
Ion	Ratio	Lower	Upper
117	100		
201	92.6	43.5	130.7





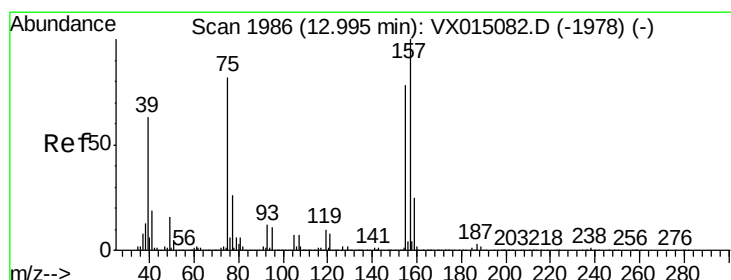
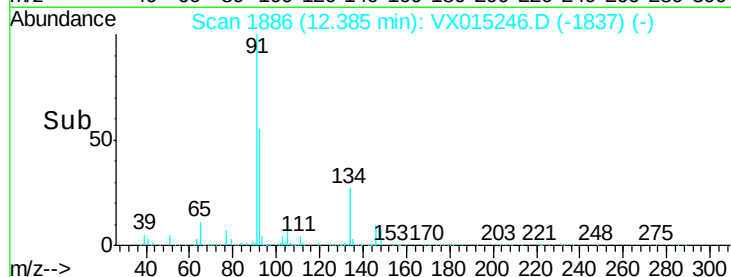
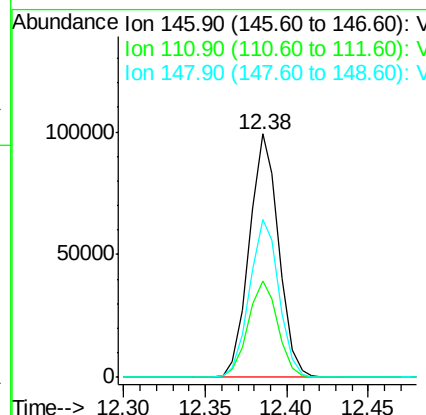
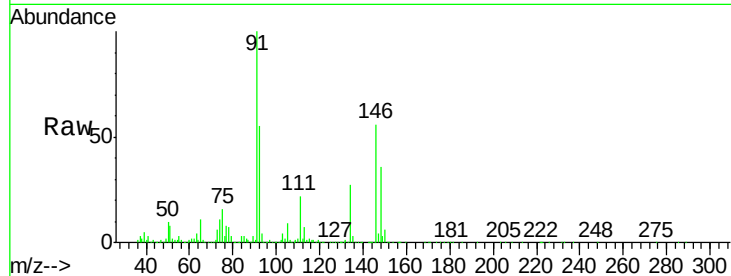
#91
 1,2-Dichlorobenzene
 Concen: 18.784 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	65.3	32.3	96.8

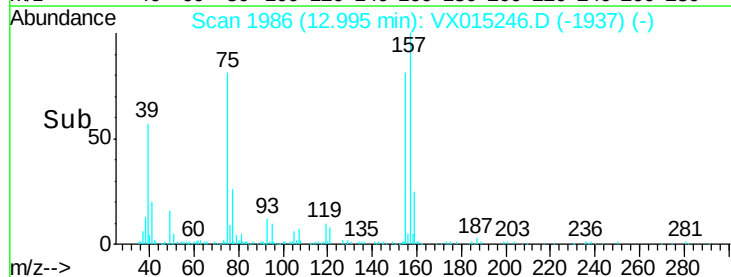
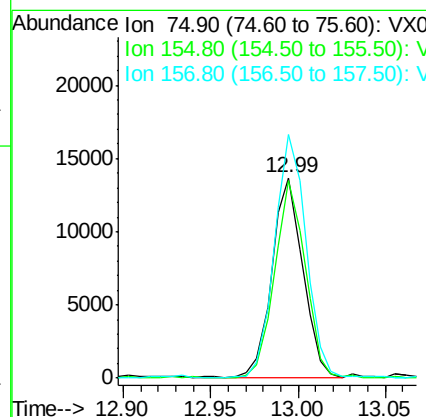
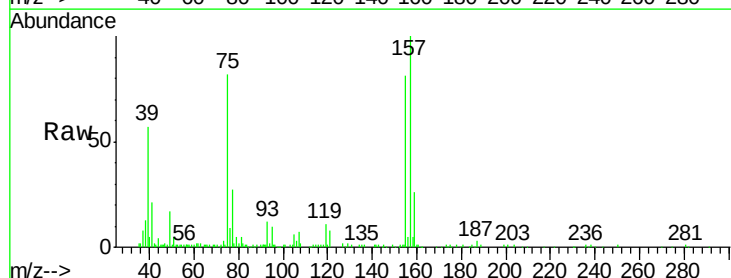
Manual Integrations
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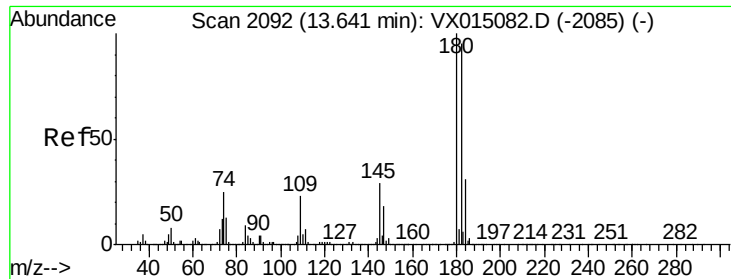
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.617 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015246.D
 Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	46.6	139.7
157	123.3	59.2	177.5





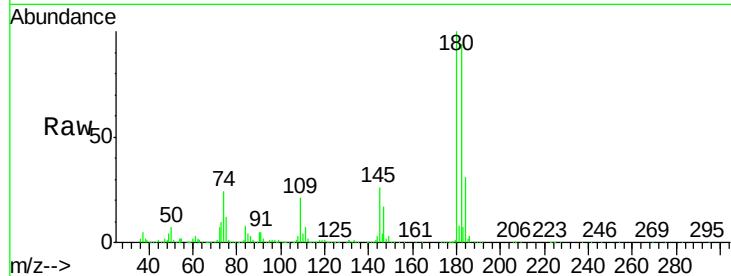
#93
1,2,4-Trichlorobenzene
Concen: 19.648 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	27.4	14.1	42.2

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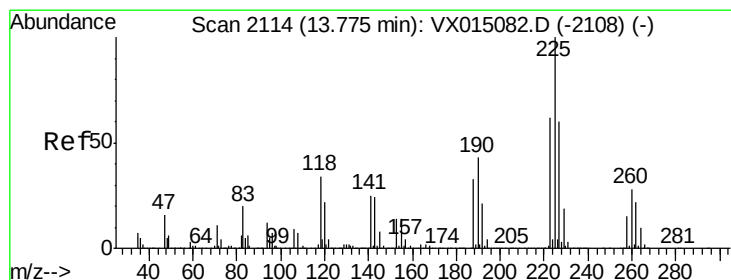
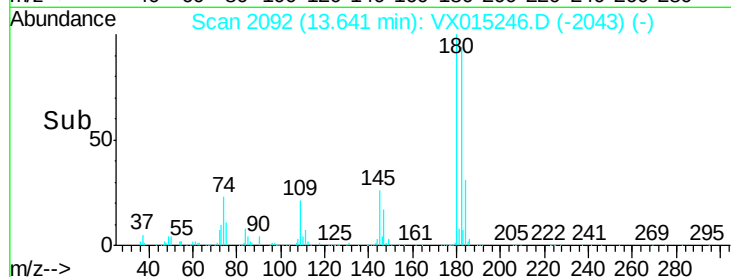
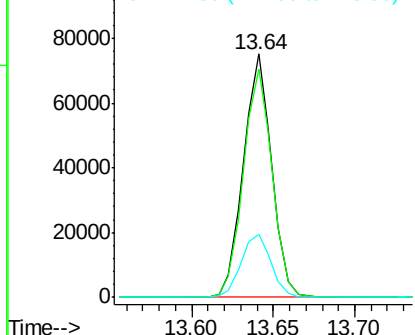


Abundance

Ion 179.80 (179.50 to 180.50): V

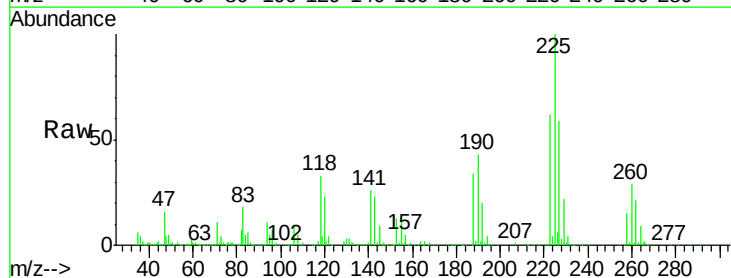
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 20.175 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015246.D
Acq: 13 Mar 2020 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.3	93.9
227	64.0	31.1	93.2

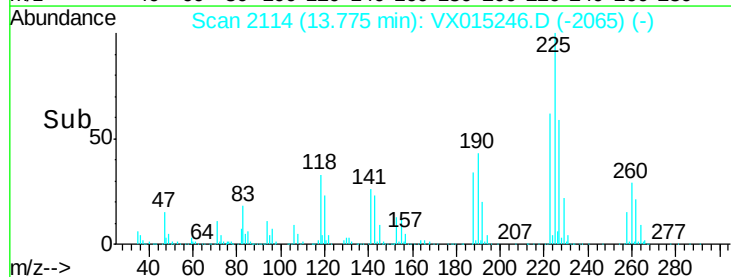
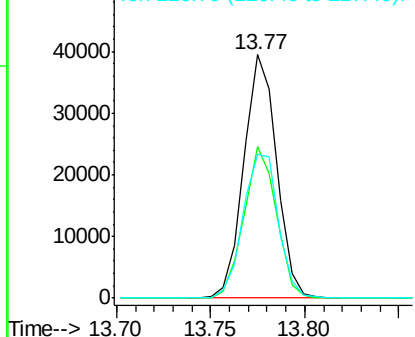


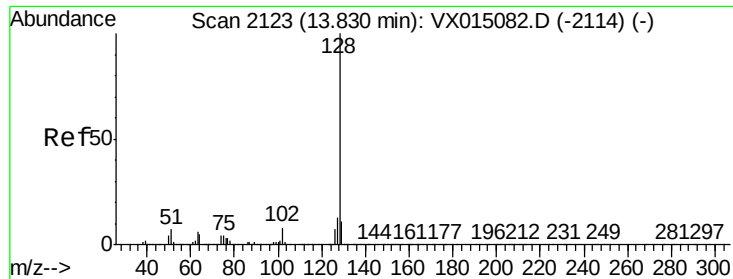
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.371 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Instrument :

MSVOA_X

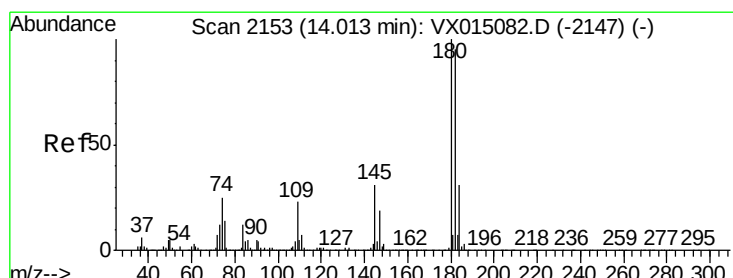
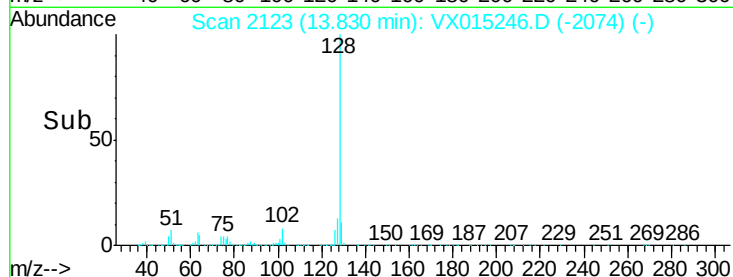
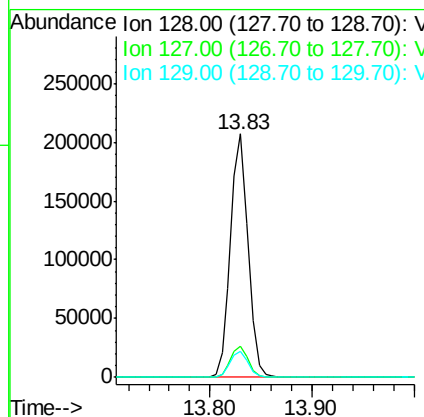
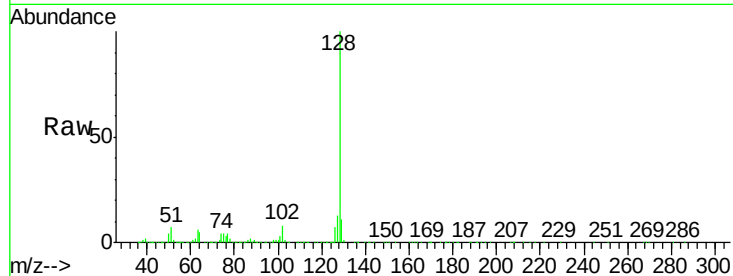
ClientSampleId :

VX0313WBS01

Tot Ion:	128	Resp:	246616
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:25 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.979 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015246.D

Acq: 13 Mar 2020 10:03

Tgt Ion:	180	Resp:	91941
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.8	143.4
145	30.6	15.1	45.3

