

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015284.D
 Acq On : 16 Mar 2020 11:15
 Operator : JC/SP
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:19 PM

Quant Time: Mar 17 07:59:55 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	295838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	431520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	150250	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
35) Dibromofluoromethane	5.48	113	130450	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.71	98	498077	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	180840	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	44617	17.223	ug/l	98
3) Chloromethane	1.31	50	59969	16.342	ug/l	100
4) Vinyl Chloride	1.40	62	59584	16.013	ug/l	98
5) Bromomethane	1.64	94	38359	16.768	ug/l	100
6) Chloroethane	1.72	64	37935	16.995	ug/l	98
7) Trichlorofluoromethane	1.92	101	77274	17.453	ug/l	96
8) Diethyl Ether	2.18	74	34927	17.417	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50698	18.200	ug/l	97
10) Methyl Iodide	2.50	142	47895	15.219	ug/l	99
11) Tert butyl alcohol	3.03	59	55545	91.216	ug/l	100
12) 1,1-Dichloroethene	2.37	96	50662	17.622	ug/l	99
13) Acrolein	2.28	56	46474	81.212	ug/l	100
14) Allyl chloride	2.72	41	96421	19.235	ug/l	95
15) Acrylonitrile	3.13	53	146107	96.345	ug/l	99
16) Acetone	2.43	43	134773	94.819	ug/l	98
17) Carbon Disulfide	2.56	76	129787	16.256	ug/l	99
18) Methyl Acetate	2.76	43	66967	19.268	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	168874	18.798	ug/l	98
20) Methylene Chloride	2.85	84	59984	18.033	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	56195	18.306	ug/l	96
22) Diisopropyl ether	3.84	45	197006	19.726	ug/l	98
23) Vinyl Acetate	3.80	43	795101	96.851	ug/l	98
24) 1,1-Dichloroethane	3.69	63	103044	18.590	ug/l	99
25) 2-Butanone	4.65	43	202552	97.339	ug/l	98
26) 2,2-Dichloropropane	4.57	77	79449	18.055	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	63431	18.419	ug/l	99
28) Bromochloromethane	5.00	49	47546	18.837	ug/l	97
29) Tetrahydrofuran	5.11	42	127218	94.842	ug/l	96
30) Chloroform	5.20	83	98562	18.244	ug/l	98
31) Cyclohexane	5.57	56	91992	18.606	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	82914	18.514	ug/l	98
36) 1,1-Dichloropropene	5.78	75	74718	18.730	ug/l	100
37) Ethyl Acetate	4.81	43	76228	20.600	ug/l	97
38) Carbon Tetrachloride	5.77	117	71402	18.962	ug/l	97

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

Instrument :
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 ClientSampleID :
 VX0316WBS01

Manual Integrations
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 3/17/2020 12:11:19 PM

Quant Time: Mar 17 07:59:55 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	90662	19.463	ug/l	98
40) Benzene	6.13	78	229314	19.375	ug/l	98
41) Methacrylonitrile	5.03	41	43401	19.526	ug/l	97
42) 1,2-Dichloroethane	6.18	62	74849	18.416	ug/l	99
43) Isopropyl Acetate	6.43	43	129359	19.871	ug/l	99
44) Trichloroethene	7.20	130	63741	19.338	ug/l	96
45) 1,2-Dichloropropane	7.50	63	61020	19.918	ug/l	99
46) Dibromomethane	7.65	93	37436	18.754	ug/l	96
47) Bromodichloromethane	7.89	83	77114	19.536	ug/l	97
48) Methyl methacrylate	7.76	41	62721	18.930	ug/l	97
49) 1,4-Dioxane	7.73	88	26991	376.781	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	391030	101.594	ug/l	99
52) Toluene	8.78	92	145794	20.147	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	82915	19.735	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	93983	19.786	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58019	19.479	ug/l	97
56) Ethyl methacrylate	9.17	69	86881	20.450	ug/l	96
57) 1,3-Dichloropropane	9.36	76	98899	19.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	218422	94.371	ug/l	99
59) 2-Hexanone	9.48	43	292817	102.643	ug/l	99
60) Dibromochloromethane	9.57	129	60289	19.269	ug/l	98
61) 1,2-Dibromoethane	9.67	107	59114	18.895	ug/l	100
64) Tetrachloroethene	9.33	164	63225	19.046	ug/l	98
65) Chlorobenzene	10.13	112	154077	19.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	57541	18.931	ug/l	99
67) Ethyl Benzene	10.25	91	269558	19.693	ug/l	99
68) m/p-Xylenes	10.36	106	202460	38.876	ug/l	98
69) o-Xylene	10.69	106	98990	19.853	ug/l	98
70) Styrene	10.70	104	169674	19.847	ug/l	99
71) Bromoform	10.85	173	45029	19.104	ug/l #	100
73) Isopropylbenzene	11.01	105	265453	19.777	ug/l	100
74) N-amyl acetate	10.89	43	108031	19.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	83330	18.629	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72061m	17.194	ug/l	
77) Bromobenzene	11.25	156	69596	18.606	ug/l	98
78) n-propylbenzene	11.35	91	308775	20.136	ug/l	100
79) 2-Chlorotoluene	11.42	91	179784	19.632	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	224130	20.059	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	27103	18.353	ug/l	98
82) 4-Chlorotoluene	11.51	91	212340	19.626	ug/l	99
83) tert-Butylbenzene	11.76	119	211561	19.582	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	224969	20.042	ug/l	99
85) sec-Butylbenzene	11.94	105	263670	20.217	ug/l	100
86) p-Isopropyltoluene	12.06	119	241596	20.106	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	125757	19.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	129155	19.024	ug/l	99
89) n-Butylbenzene	12.38	91	211320	19.774	ug/l	99
90) Hexachloroethane	12.59	117	41279	18.171	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	124800	19.089	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16737	18.686	ug/l	97

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

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

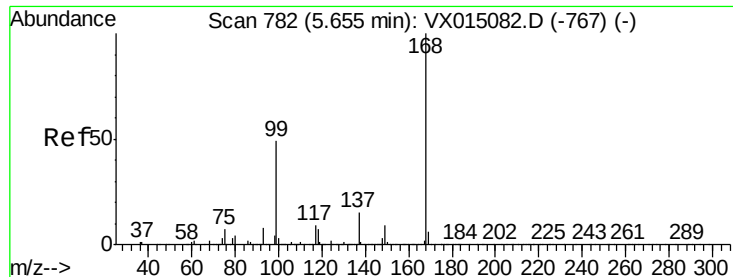
Manual Integrations
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3/17/2020 12:11:19 PM

Quant Time: Mar 17 07:59:55 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	89650	19.755	ug/l	99
94) Hexachlorobutadiene	13.78	225	45564	19.566	ug/l	99
95) Naphthalene	13.83	128	240148	18.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	89774	19.827	ug/l	100

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



#1

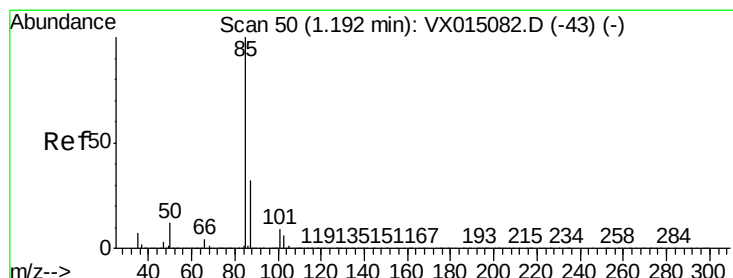
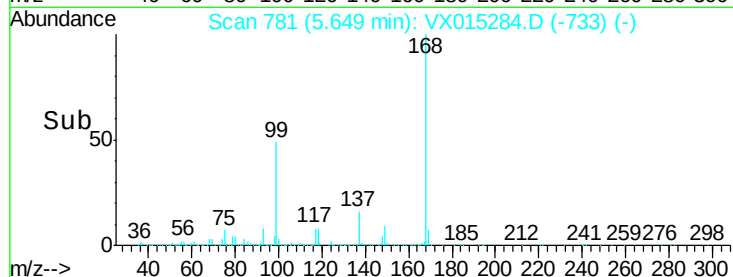
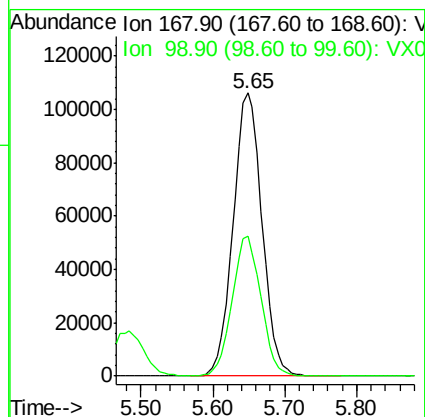
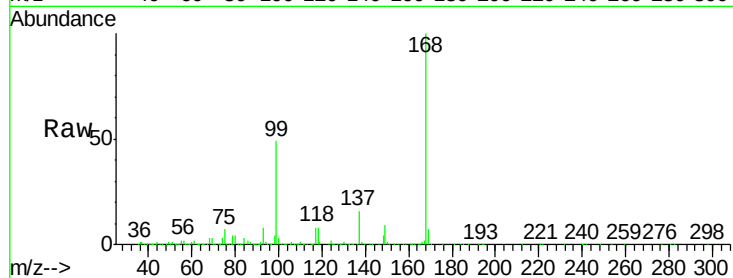
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	295838		
99	49.4	39.4	59.2	

Manual Integrations
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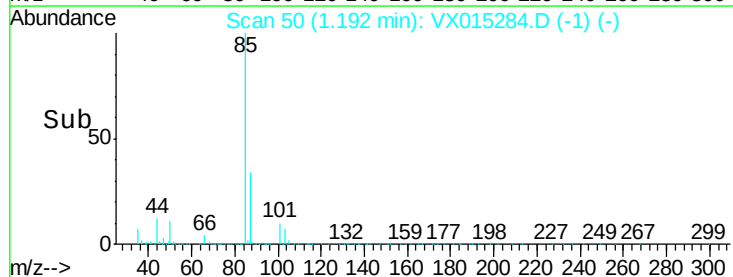
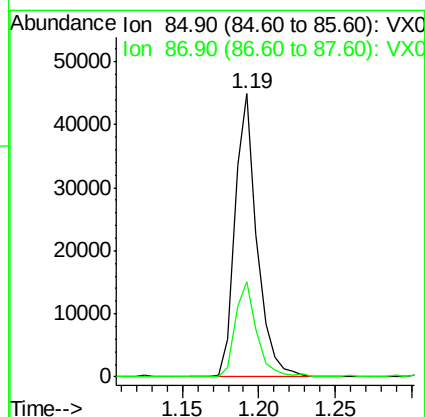
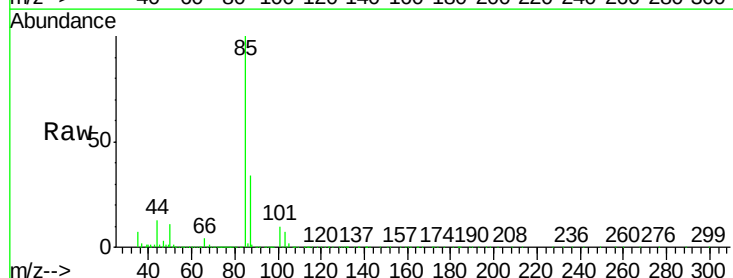
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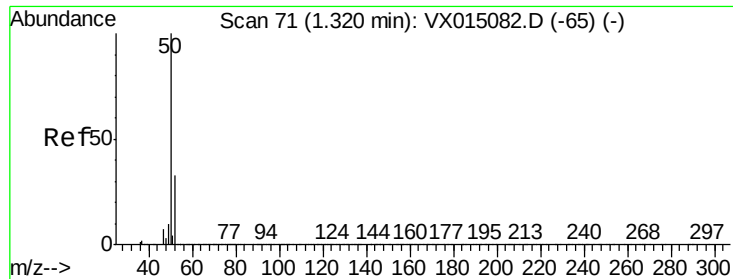


#2

Dichlorodifluoromethane
Concen: 17.223 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	44617		
87	33.6	16.2	48.5	





#3

Chloromethane

Concen: 16.342 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 50 Resp: 59969

Ion Ratio Lower Upper

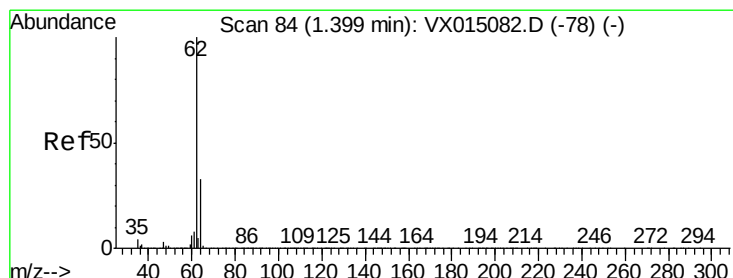
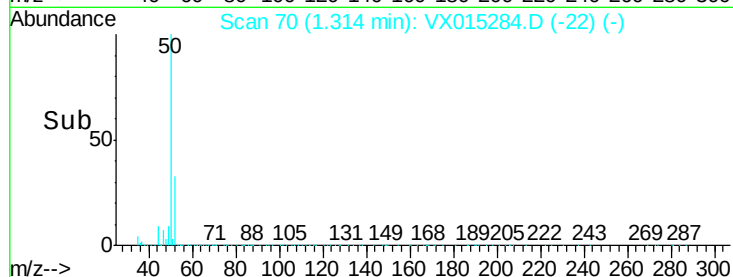
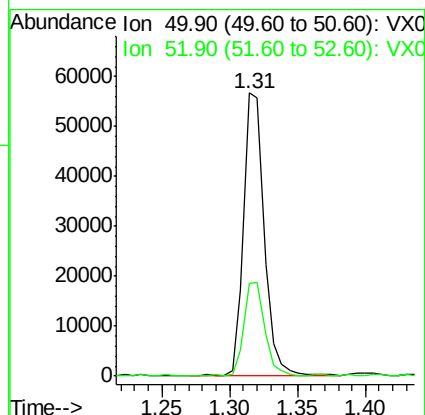
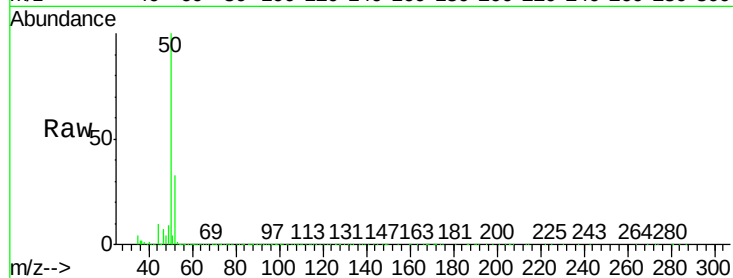
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.013 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015284.D

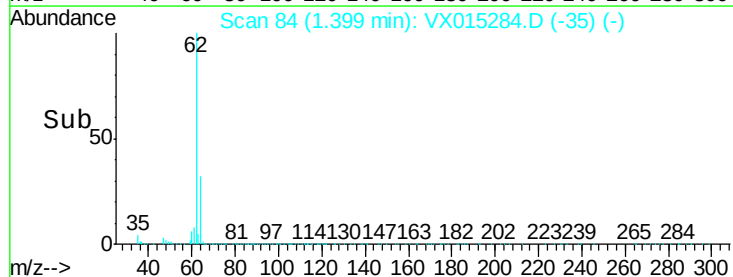
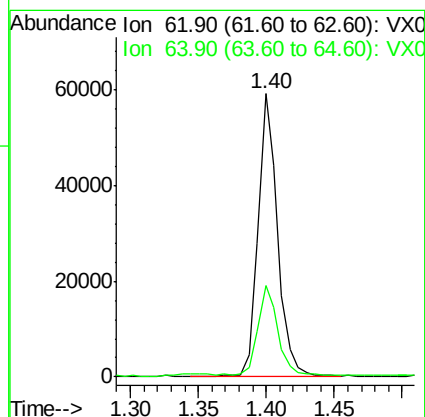
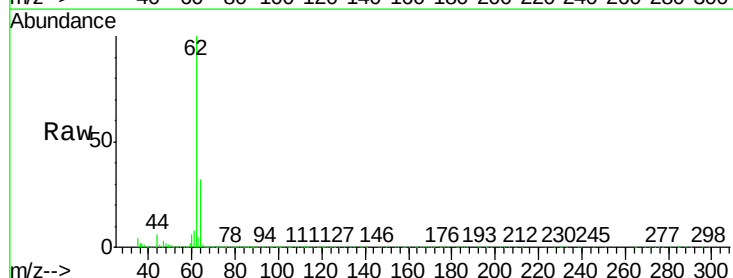
Acq: 16 Mar 2020 11:15

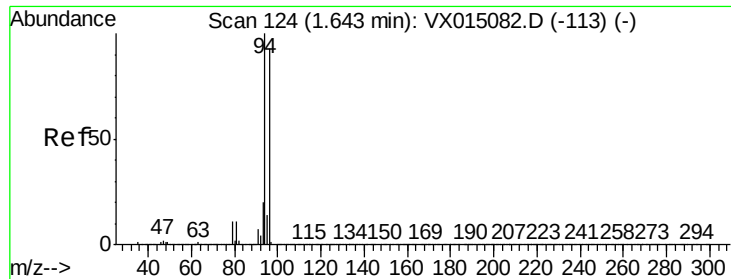
Tgt Ion: 62 Resp: 59584

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 16.768 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 94 Resp: 38359

Ion Ratio Lower Upper

94 100

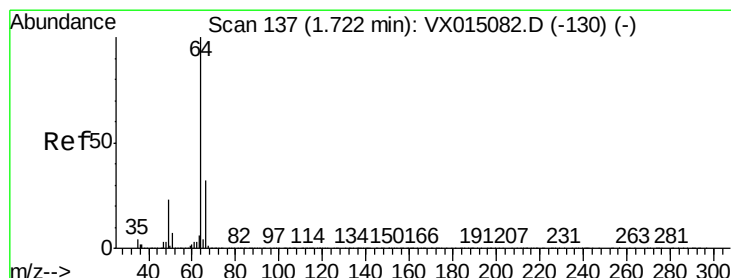
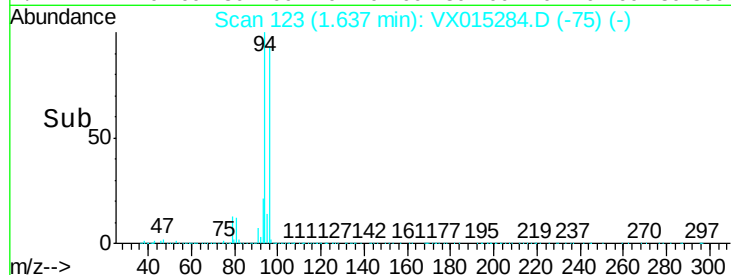
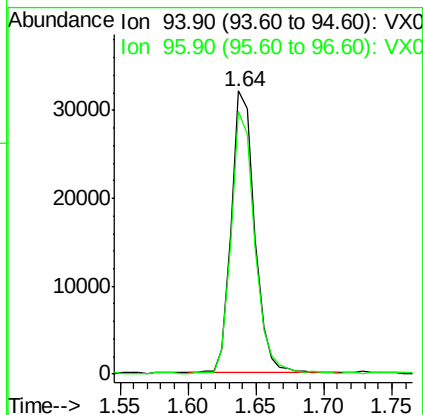
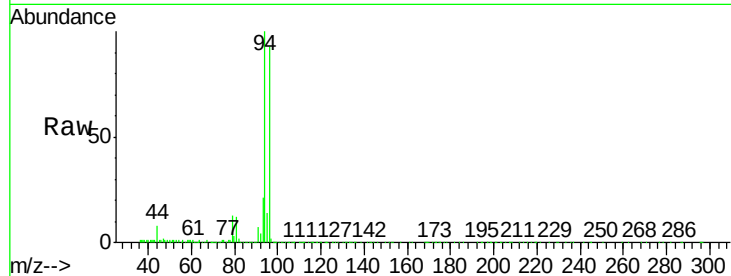
96 93.1 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 16.995 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015284.D

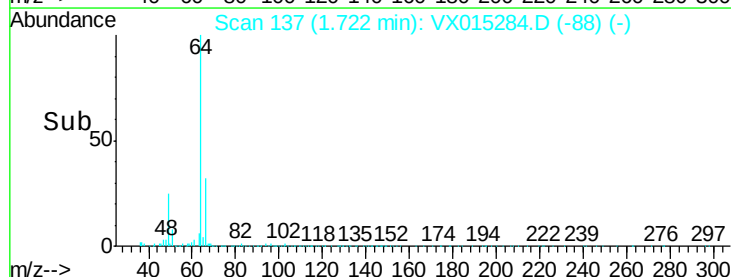
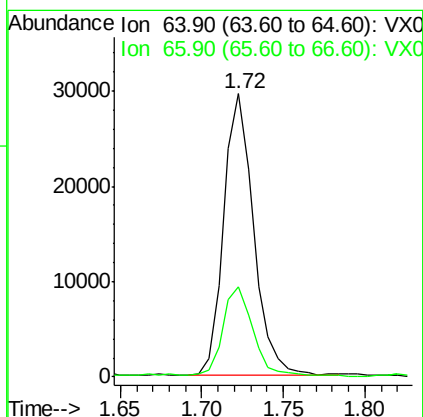
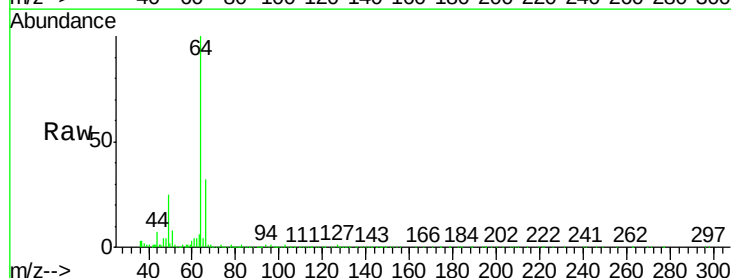
Acq: 16 Mar 2020 11:15

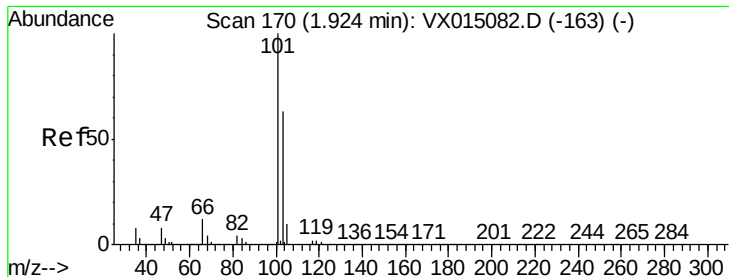
Tgt Ion: 64 Resp: 37935

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.8





#7

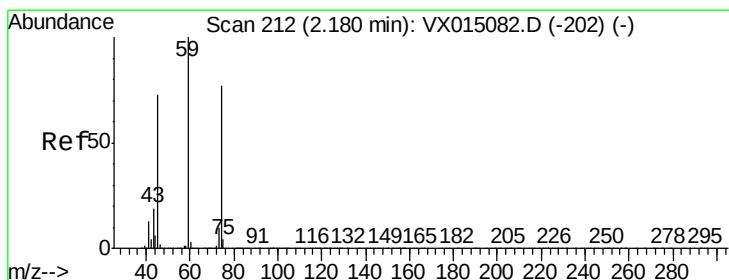
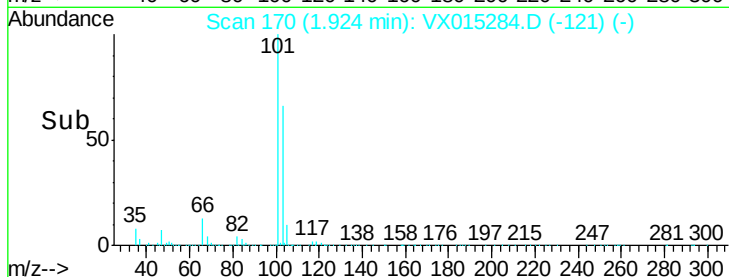
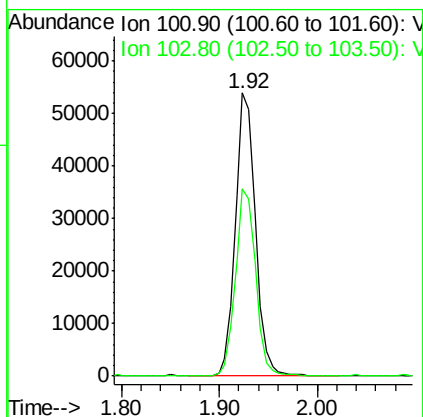
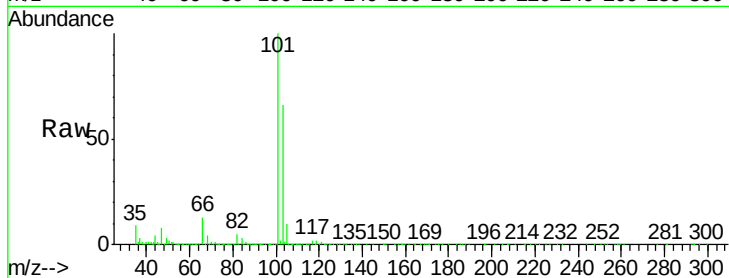
Trichlorofluoromethane
Concen: 17.453 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.4	75.6

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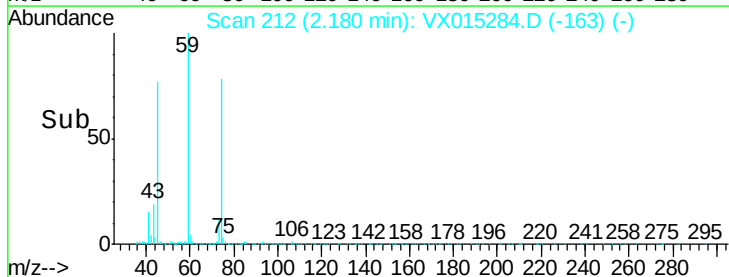
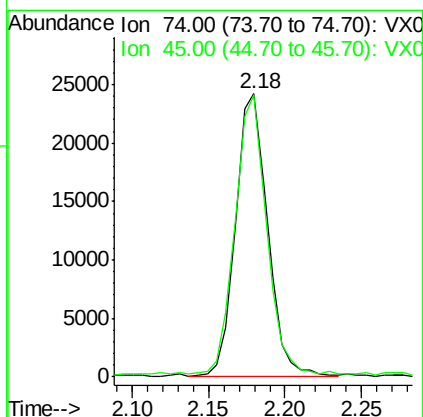
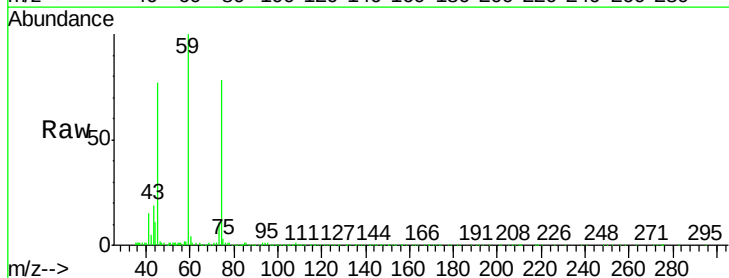
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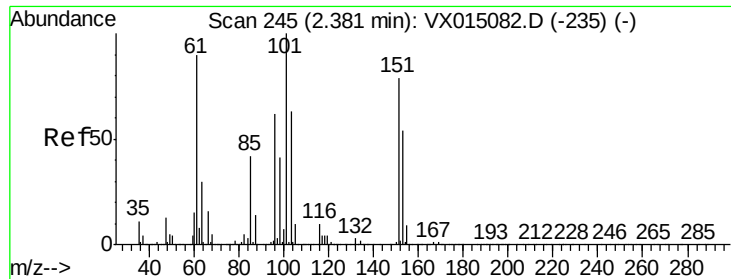


#8

Diethyl Ether
Concen: 17.417 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.200 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

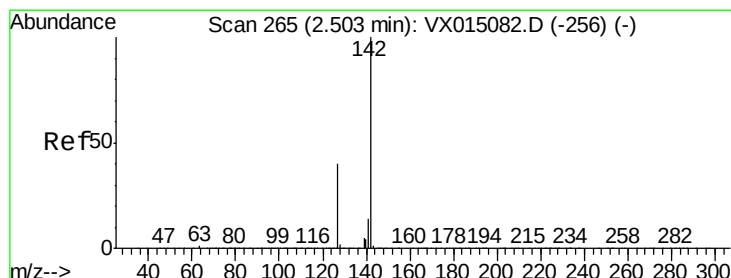
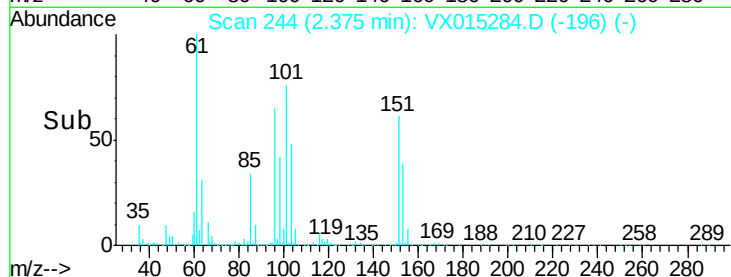
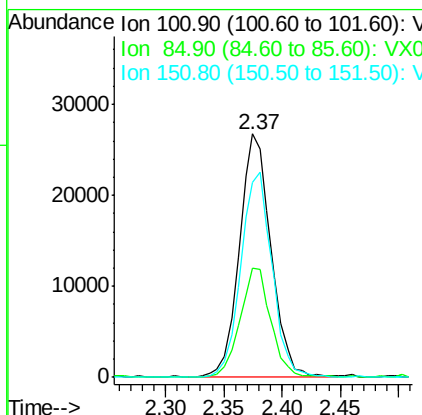
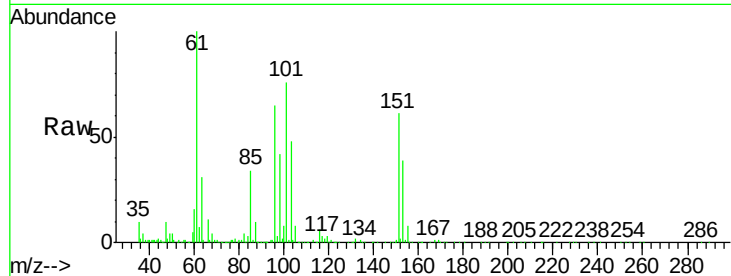
ClientSampleId :

VX0316WBS01

Tot Ion:	101	Resp:	50698
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.7	50.5
151	83.1	64.0	96.0

Manual Integrations
APPROVED

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#10

Methyl Iodide

Concen: 15.219 ug/l

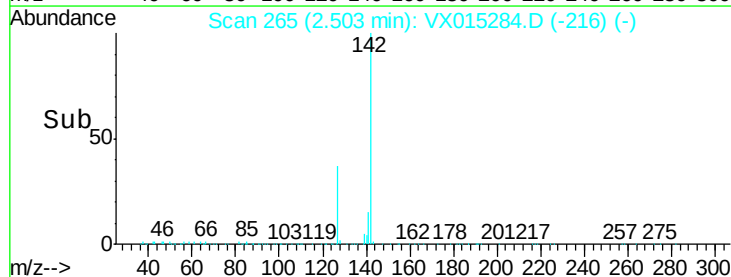
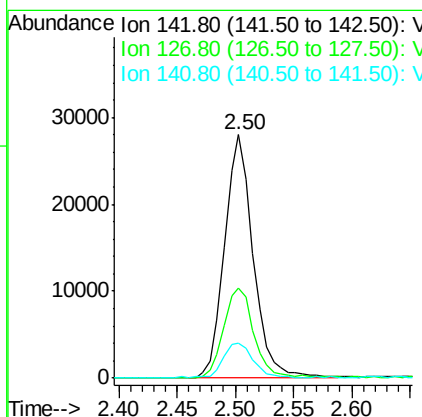
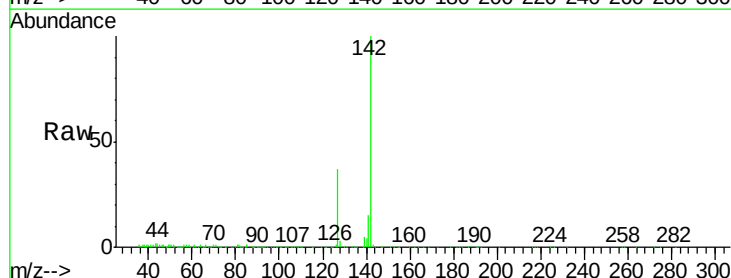
RT: 2.50 min Scan# 265

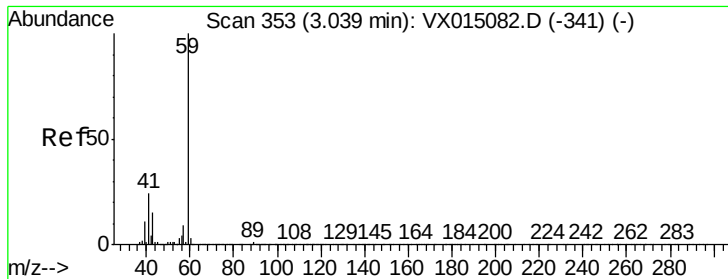
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	142	Resp:	47895
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.7	47.5
141	15.9	11.3	16.9





#11

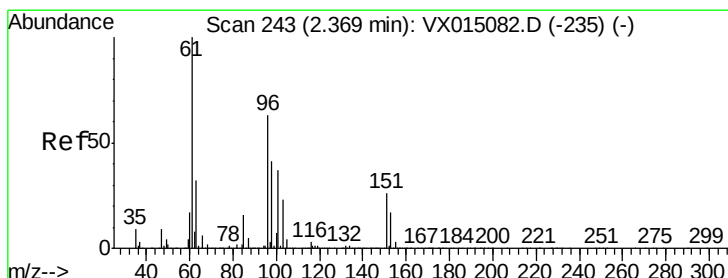
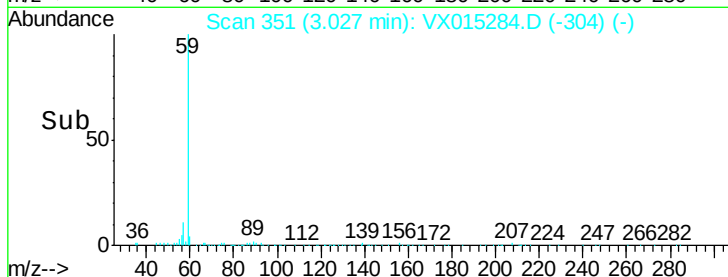
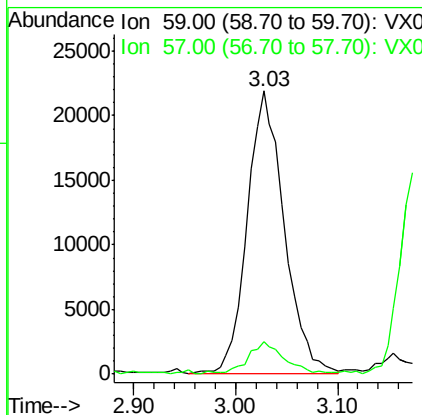
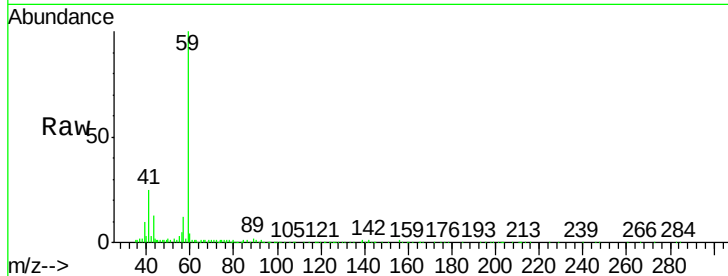
Tert butyl alcohol
Concen: 91.216 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampled :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

Manual Integrations
APPROVED

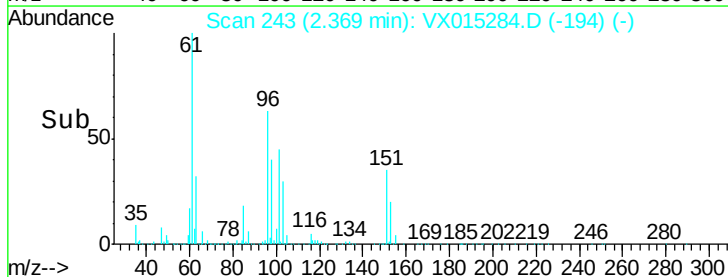
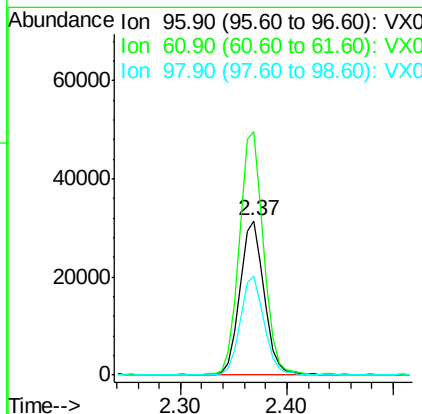
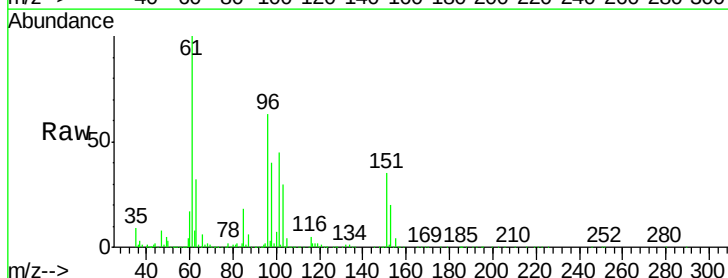
MMDadoda
3/17/2020 12:11:19 PM

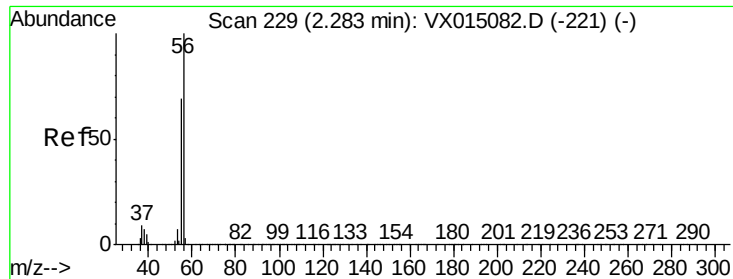


#12

1,1-Dichloroethene
Concen: 17.622 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	126.2	189.4
98	63.6	51.4	77.0





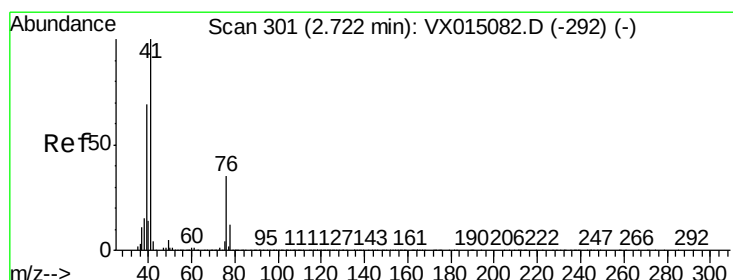
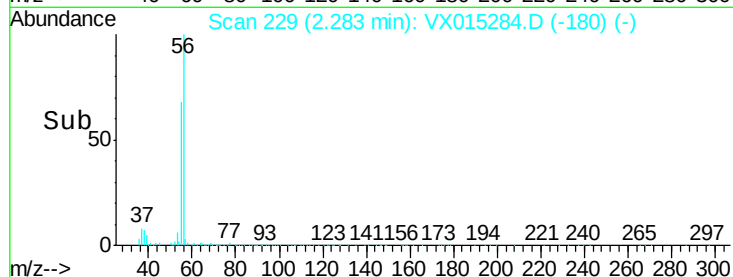
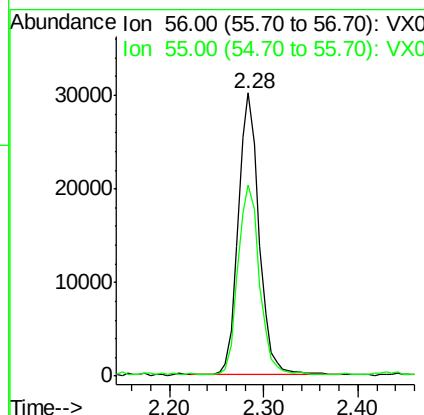
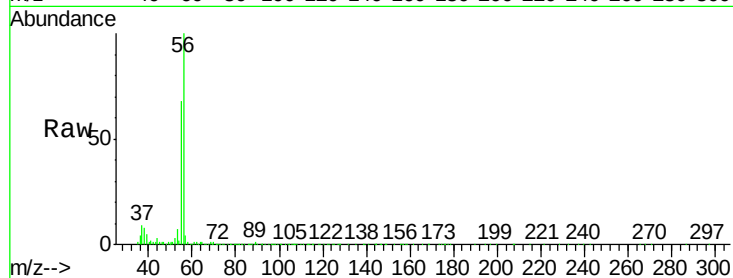
#13
Acrolein
Concen: 81.212 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.2	55.4	83.0

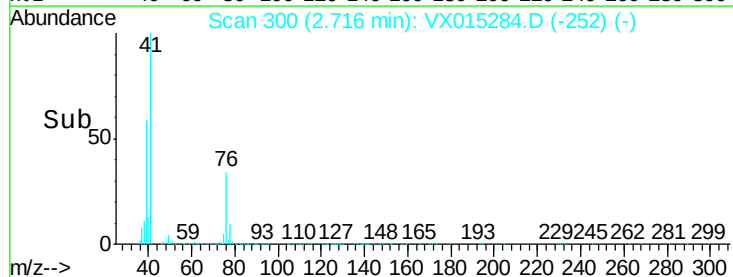
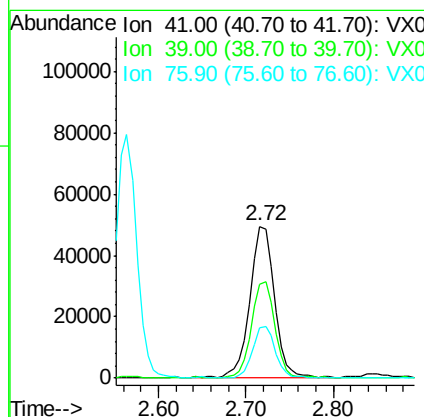
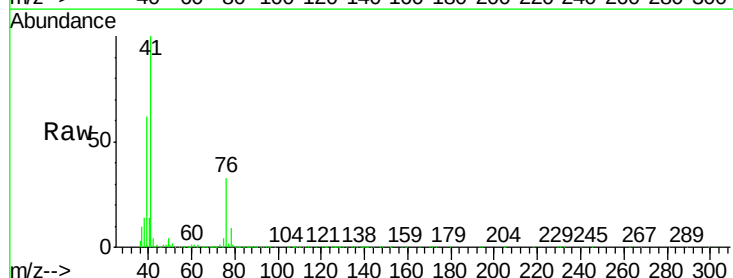
Manual Integrations
APPROVED

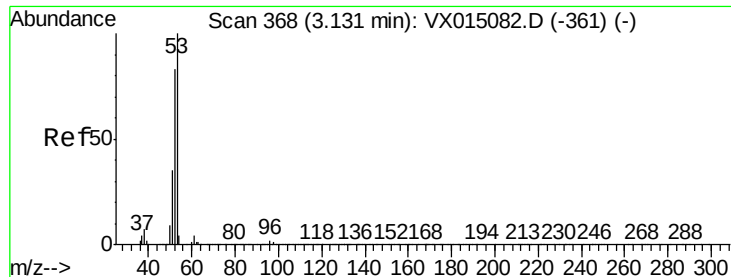
MMDadoda
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#14
Allyl chloride
Concen: 19.235 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	52.9	79.3
76	30.9	26.8	40.2





#15

Acrylonitrile

Concen: 96.345 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

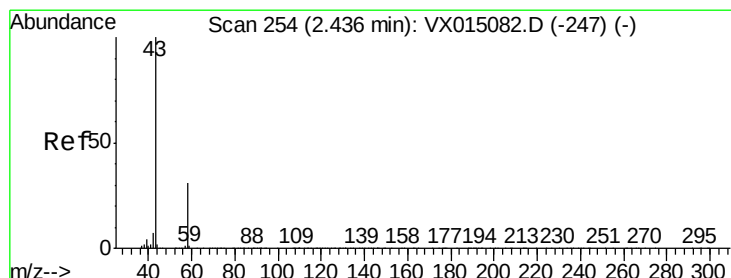
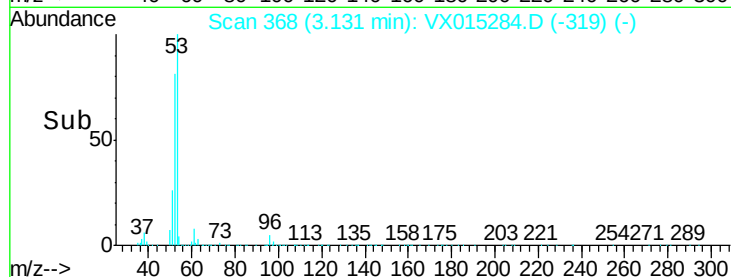
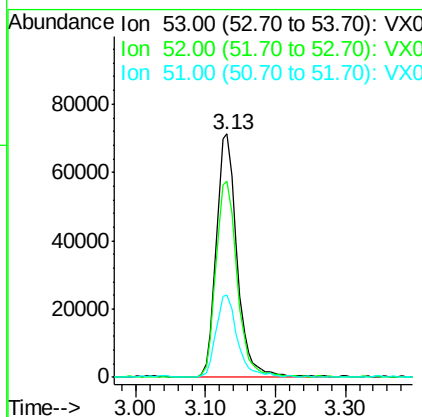
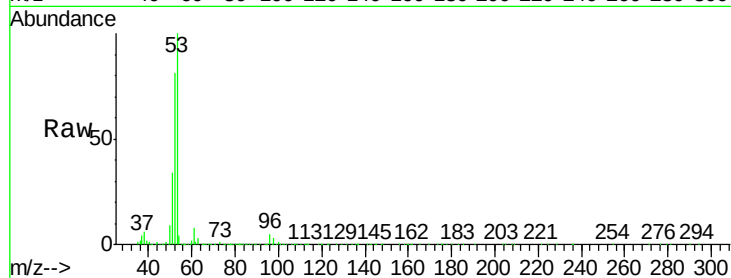
ClientSampleId :

VX0316WBS01

Tot Ion:	53	Resp:	146107
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.6	100.0
51	35.1	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 94.819 ug/l

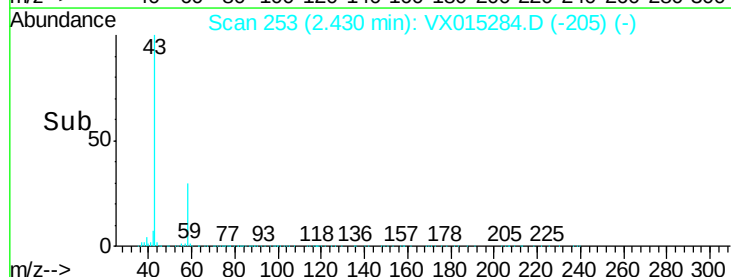
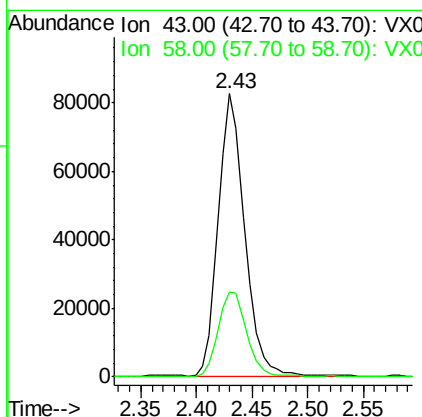
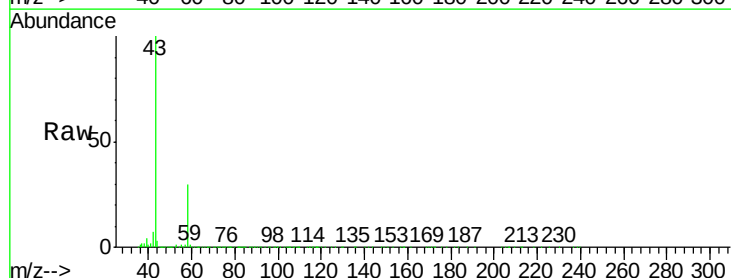
RT: 2.43 min Scan# 253

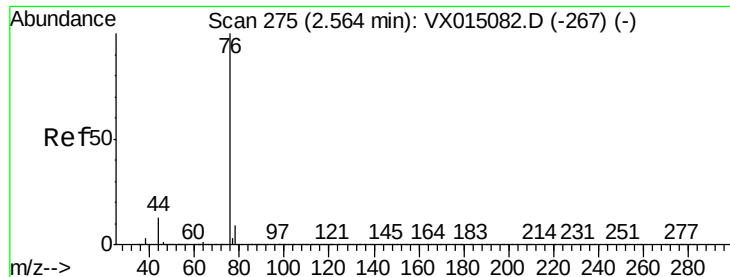
Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	43	Resp:	134773
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.8	37.2





#17

Carbon Disulfide

Concen: 16.256 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 76 Resp: 129787

Ion Ratio Lower Upper

76 100

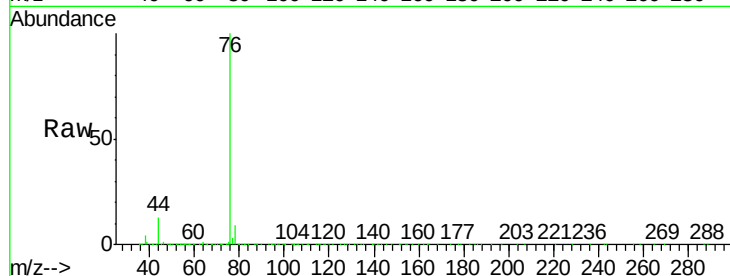
78 8.6 7.3 10.9

Manual Integrations

APPROVED

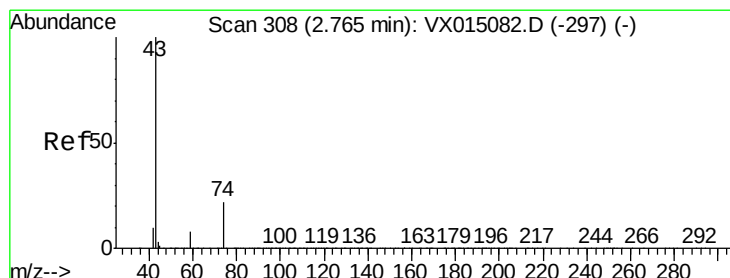
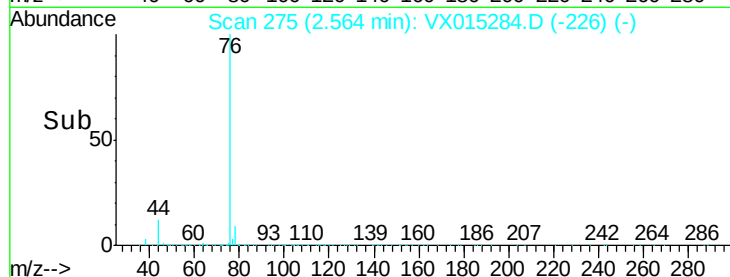
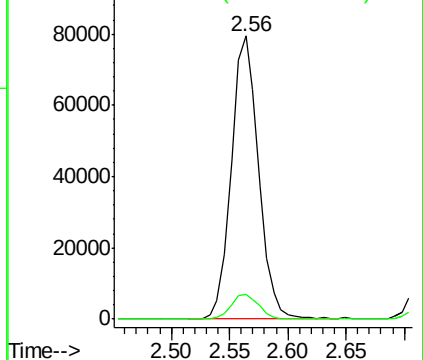
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.268 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015284.D

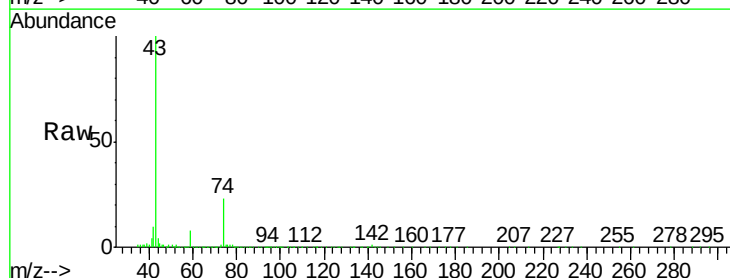
Acq: 16 Mar 2020 11:15

Tgt Ion: 43 Resp: 66967

Ion Ratio Lower Upper

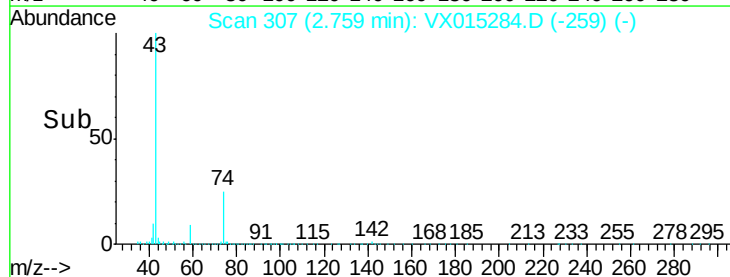
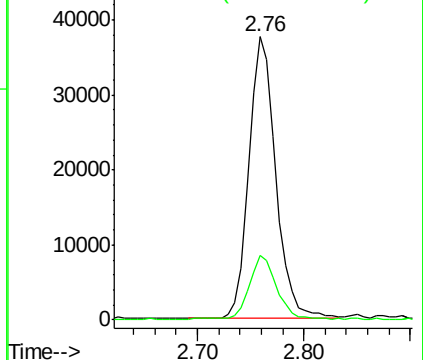
43 100

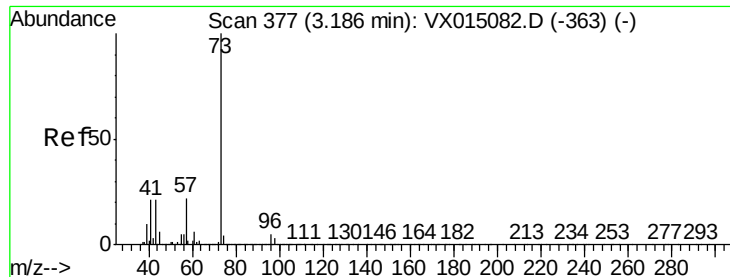
74 24.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





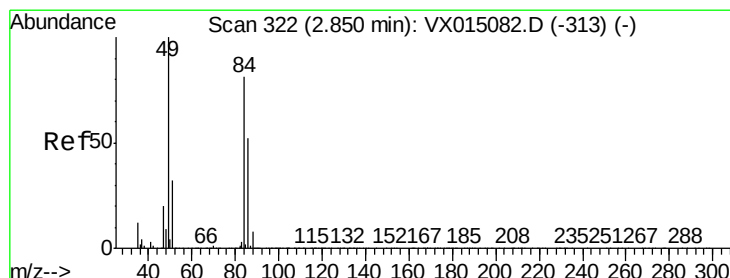
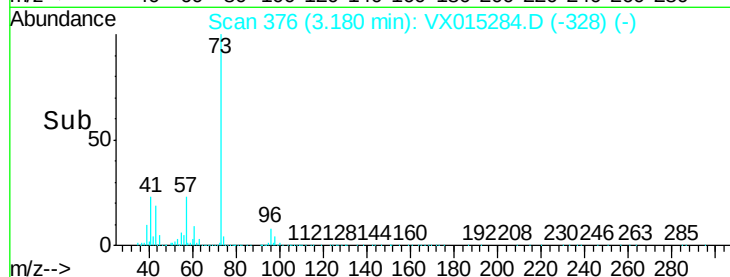
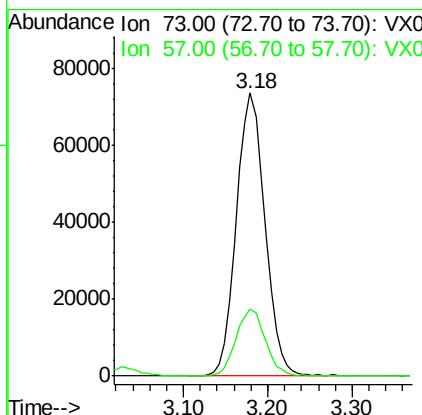
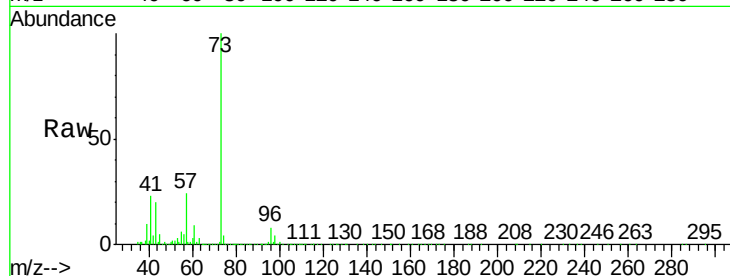
#19
Methyl tert-butyl Ether
Concen: 18.798 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.8	26.6

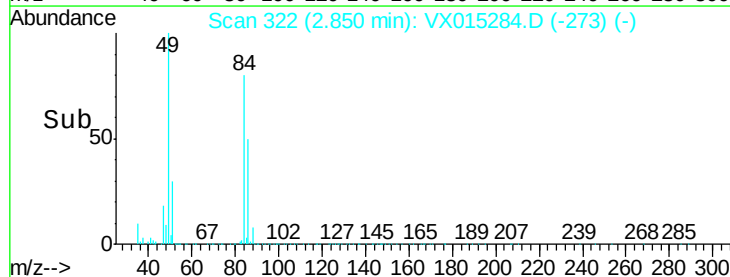
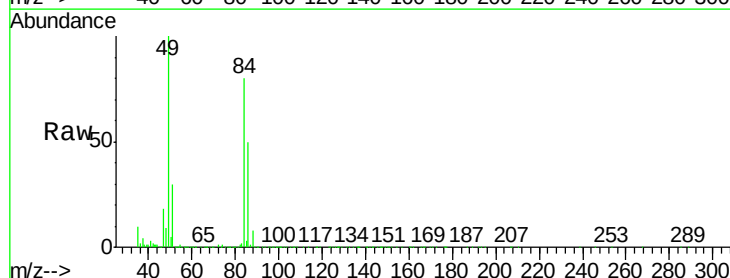
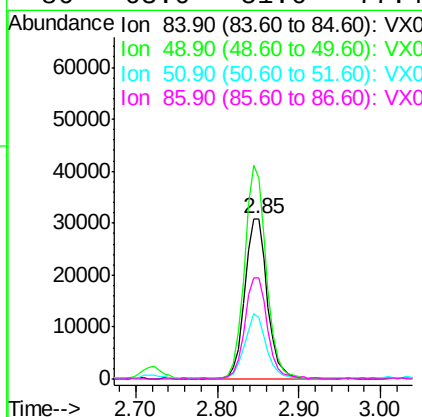
Manual Integrations
APPROVED

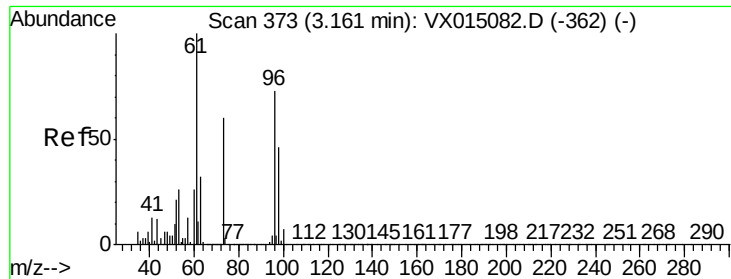
MMDadoda
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#20
Methylene Chloride
Concen: 18.033 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	99.4	149.2
51	37.9	31.5	47.3
86	63.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.306 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

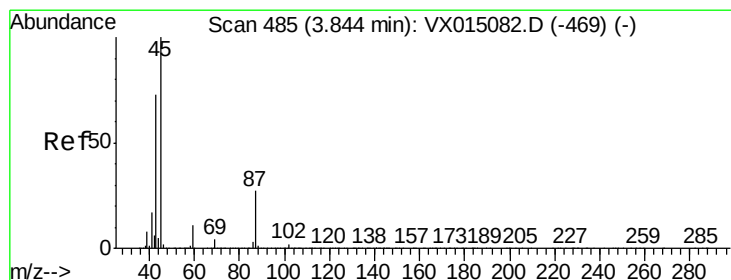
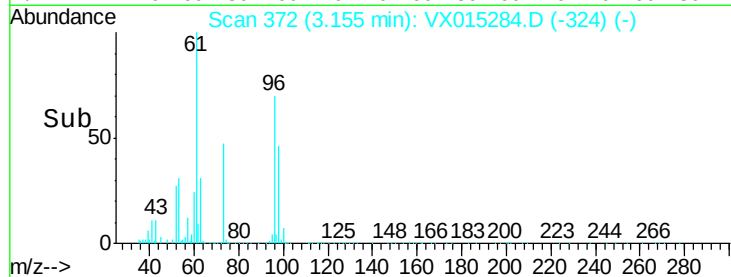
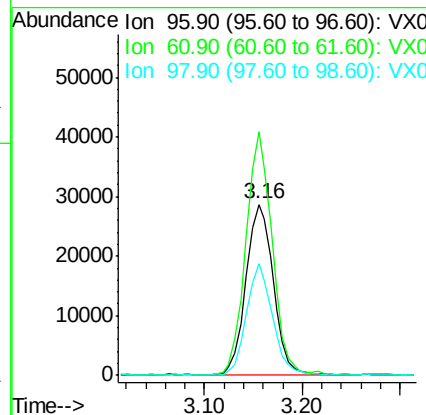
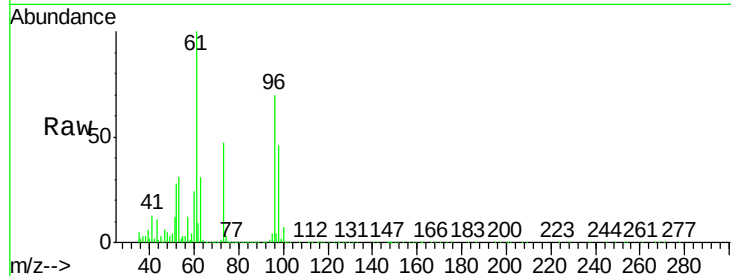
ClientSampleId :

VX0316WBS01

Tot Ion:	96	Resp:	56195
Ion Ratio	Lower	Upper	
96	100		
61	142.2	109.9	164.9
98	64.8	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.726 ug/l

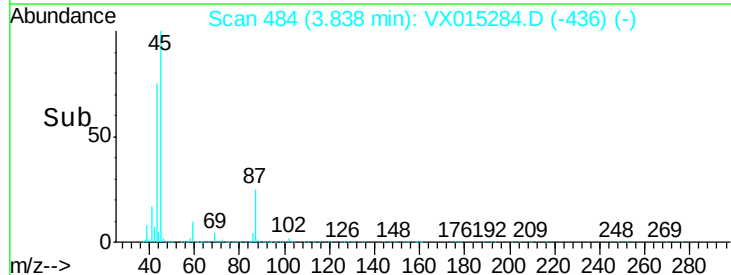
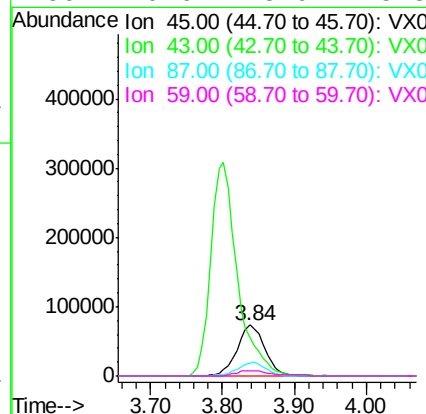
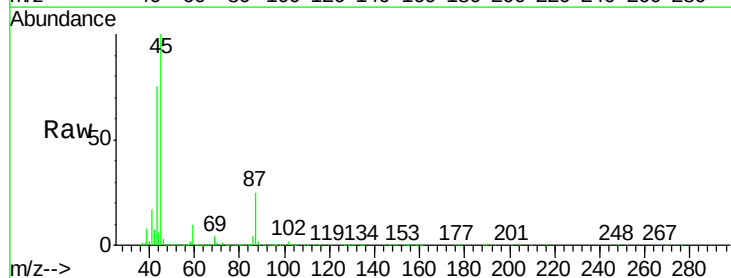
RT: 3.84 min Scan# 484

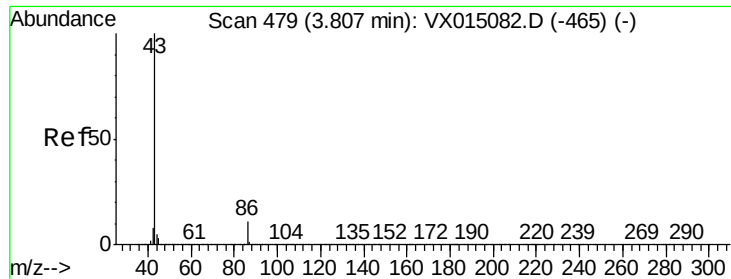
Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	45	Resp:	197006
Ion Ratio	Lower	Upper	
45	100		
43	74.0	58.2	87.2
87	25.3	21.2	31.8
59	9.6	8.9	13.3





#23

Vinyl Acetate

Concen: 96.851 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 43 Resp: 795101

Ion Ratio Lower Upper

43 100

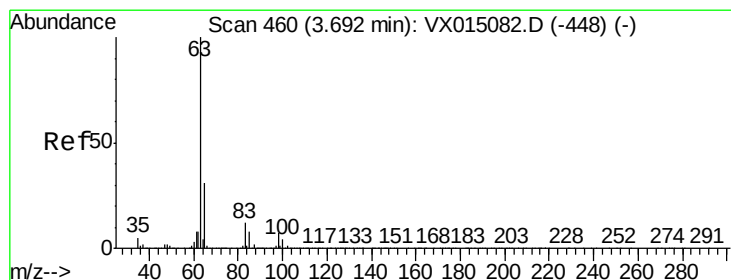
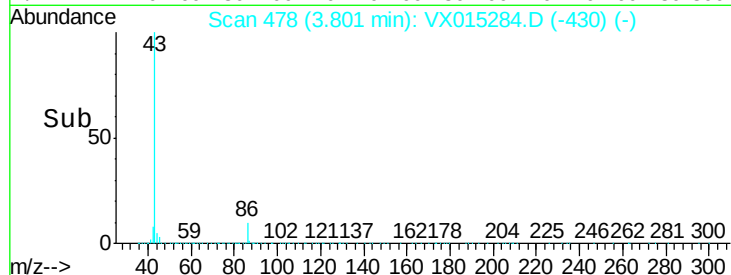
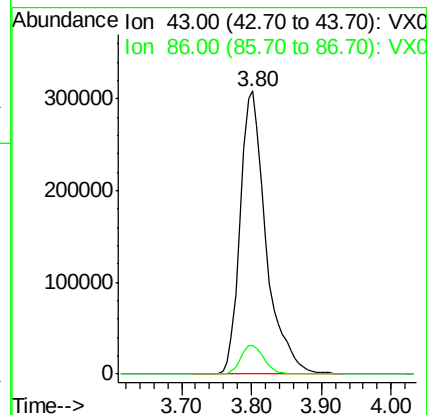
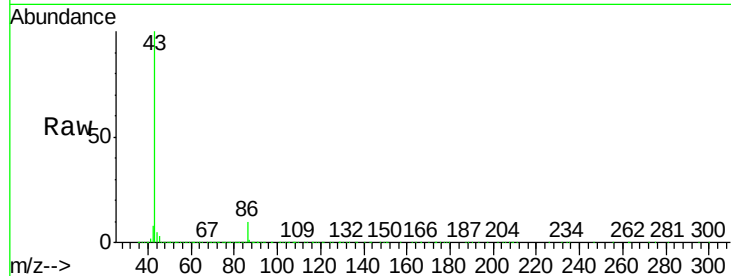
86 9.9 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.590 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

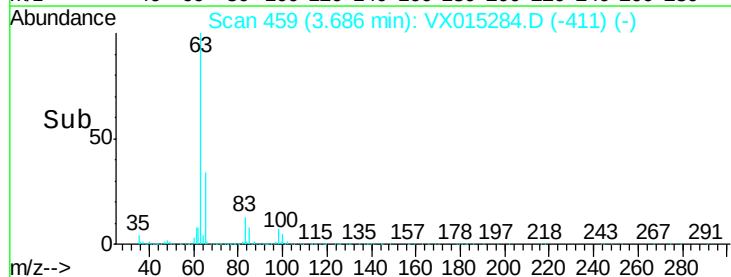
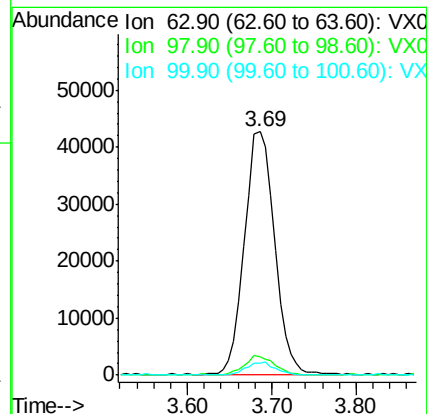
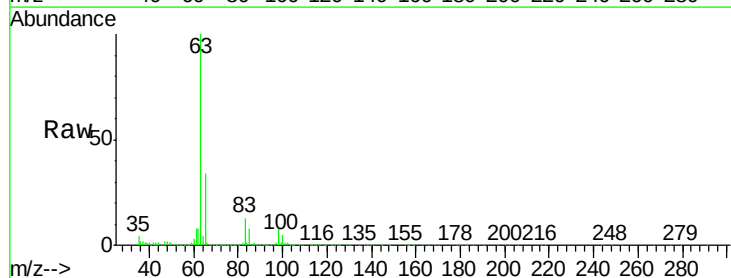
Tgt Ion: 63 Resp: 103044

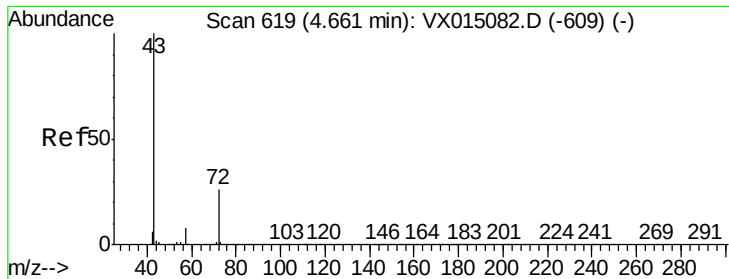
Ion Ratio Lower Upper

63 100

98 7.8 3.7 11.1

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 97.339 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 43 Resp: 202552

Ion Ratio Lower Upper

43 100

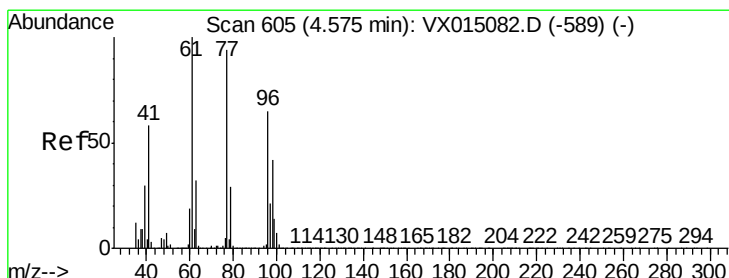
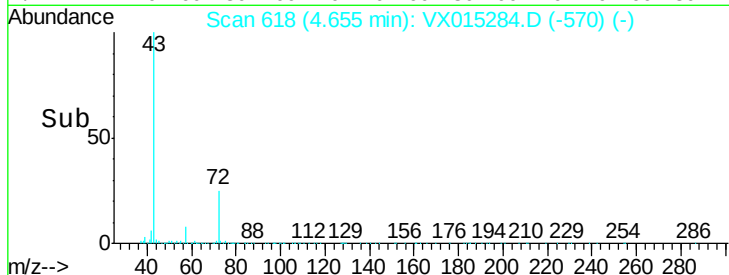
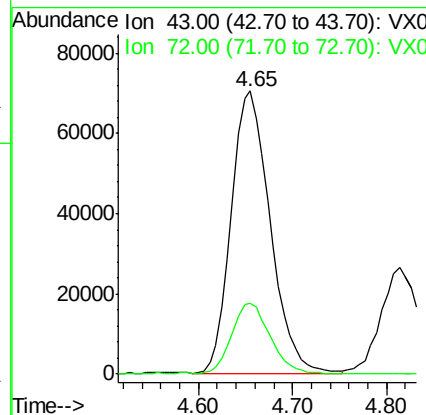
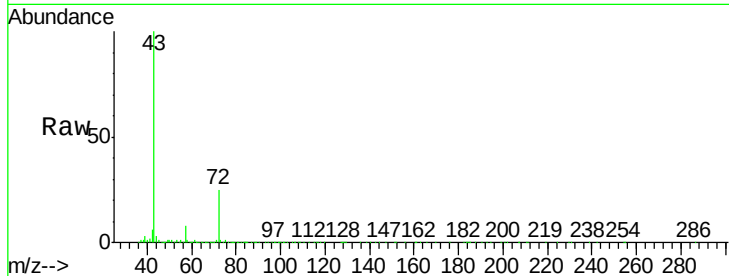
72 24.7 20.6 30.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.055 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015284.D

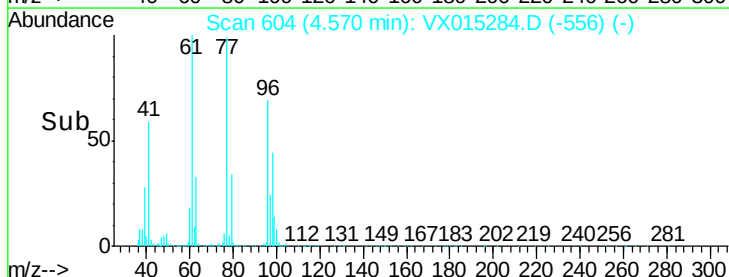
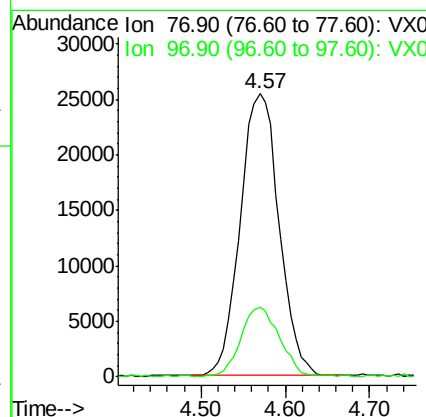
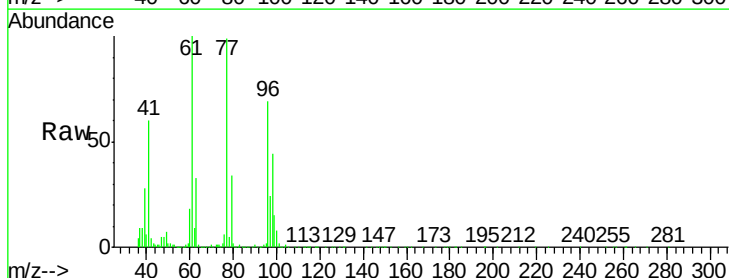
Acq: 16 Mar 2020 11:15

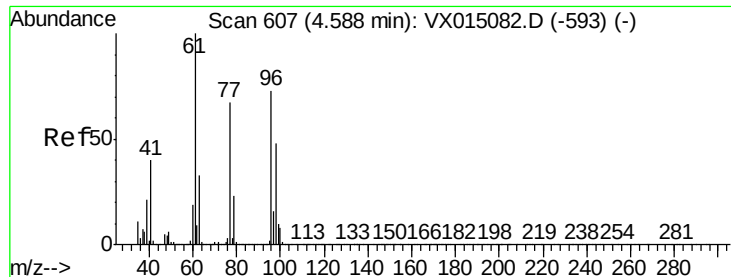
Tgt Ion: 77 Resp: 79449

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.4





#27

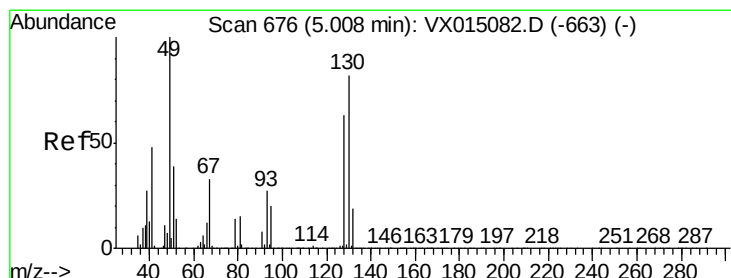
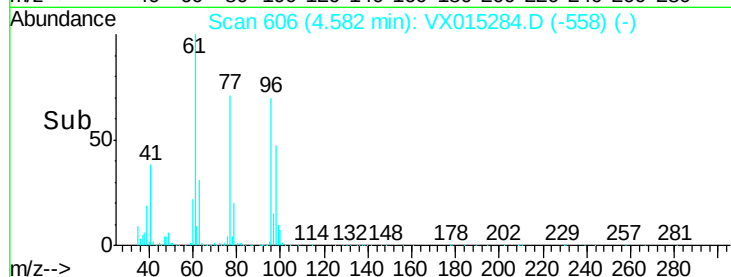
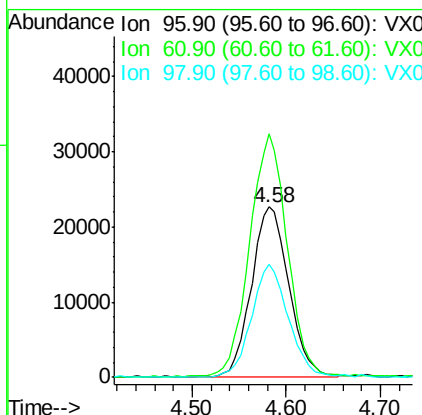
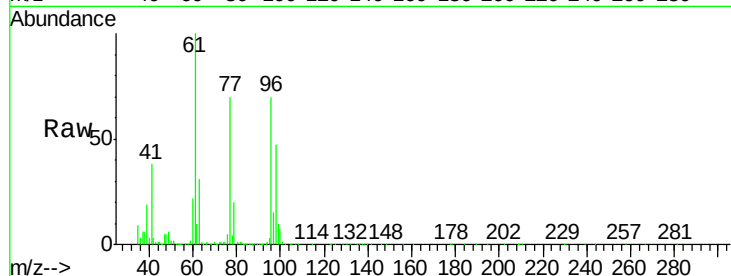
cis-1,2-Dichloroethene
Concen: 18.419 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	286.8
98	65.1	0.0	128.4

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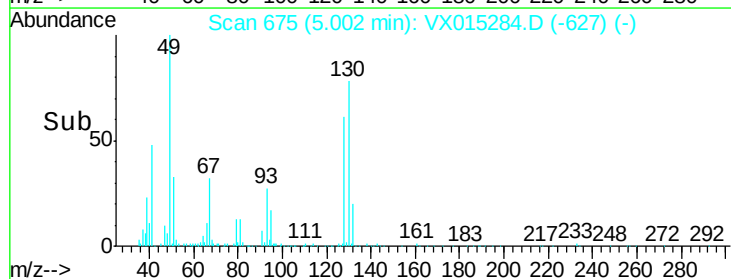
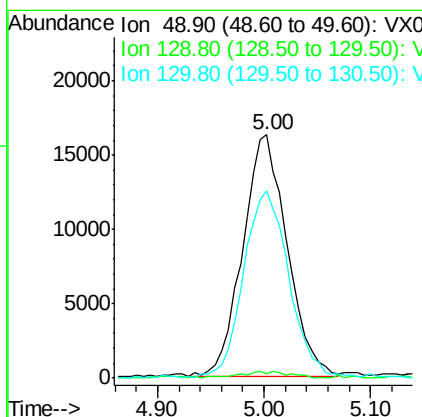
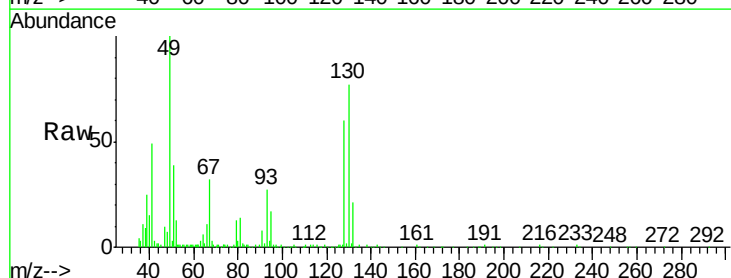
MMDadoda
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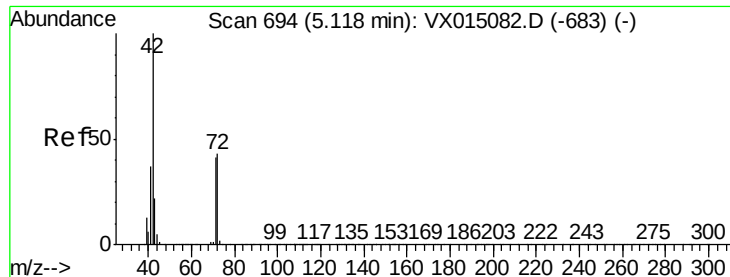


#28

Bromochloromethane
Concen: 18.837 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.4
130	78.4	65.0	97.6





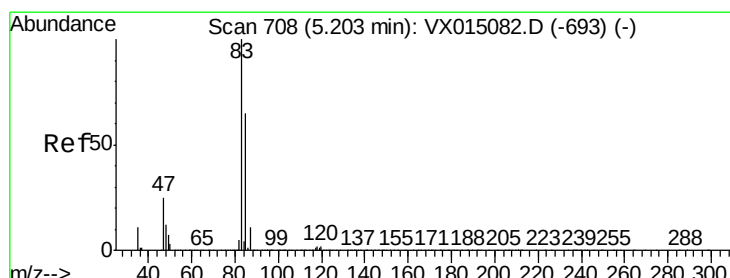
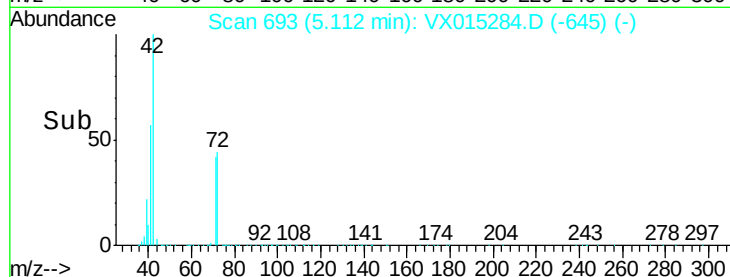
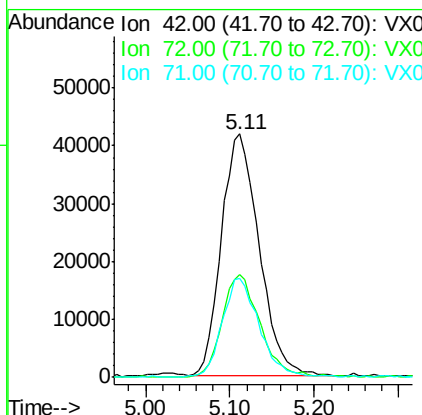
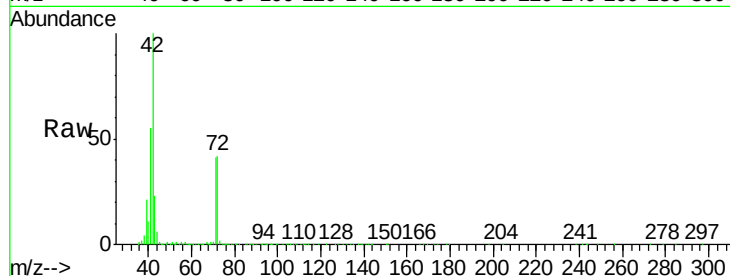
#29
Tetrahydrofuran
Concen: 94.842 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampled :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	36.4	54.6
71	39.8	33.3	49.9

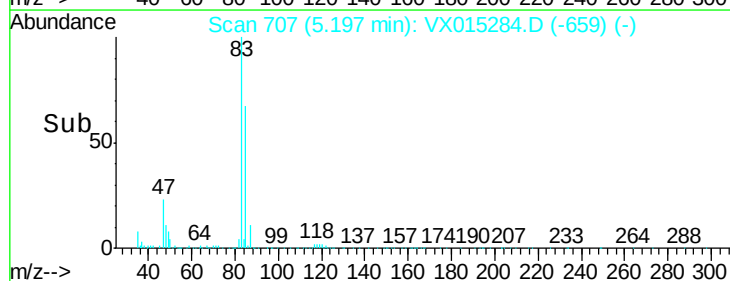
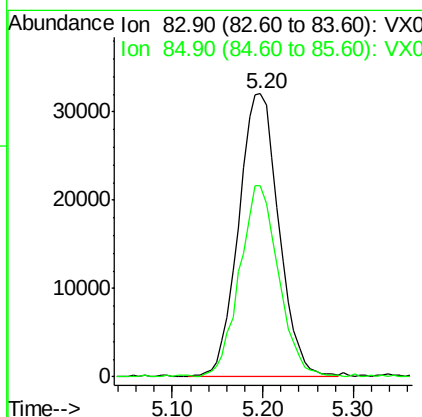
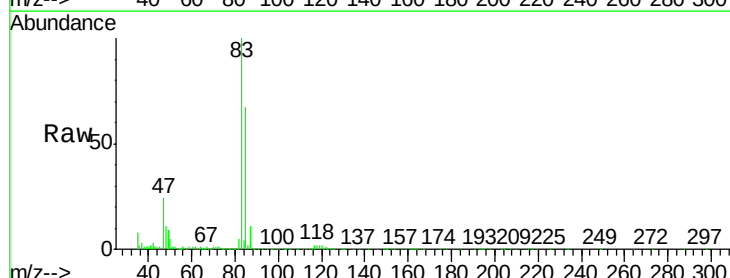
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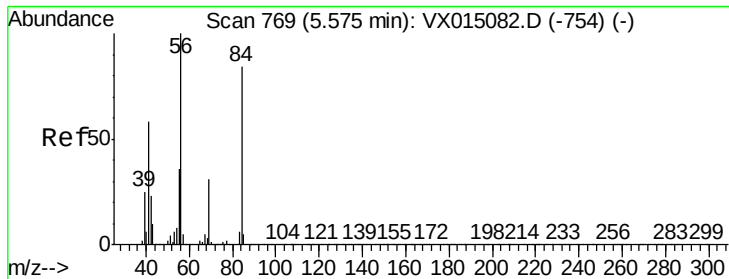
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#30
Chloroform
Concen: 18.244 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.0	78.0





#31

Cyclohexane

Concen: 18.606 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

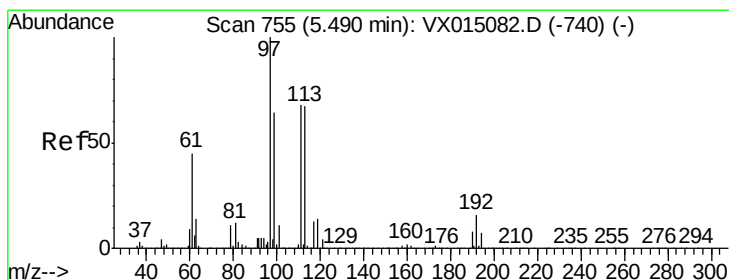
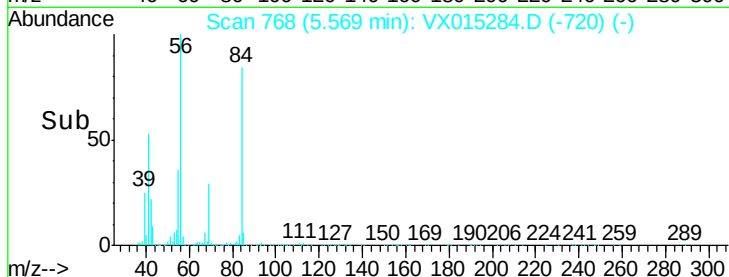
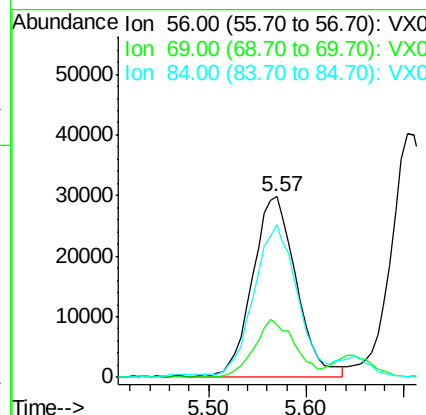
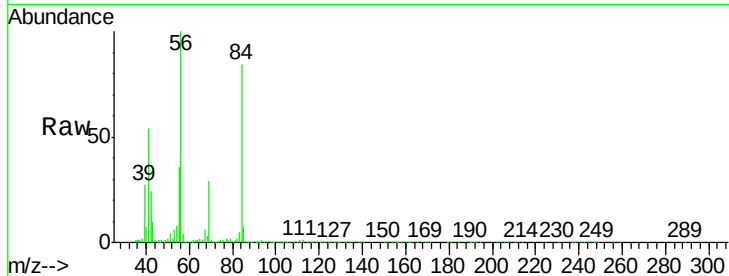
ClientSampleId :

VX0316WBS01

Tot Ion:	56	Resp:	91992
Ion Ratio	Lower	Upper	
56	100		
69	28.8	25.0	37.6
84	83.3	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.514 ug/l

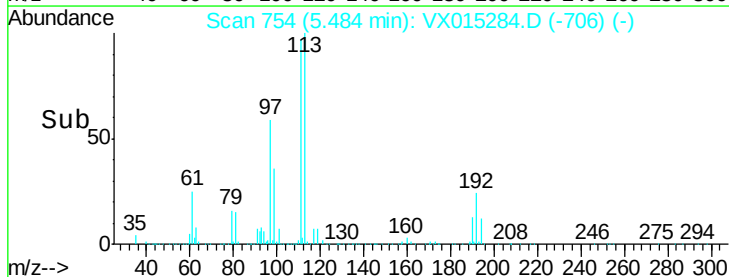
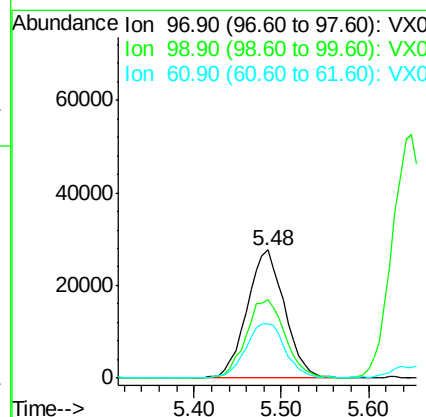
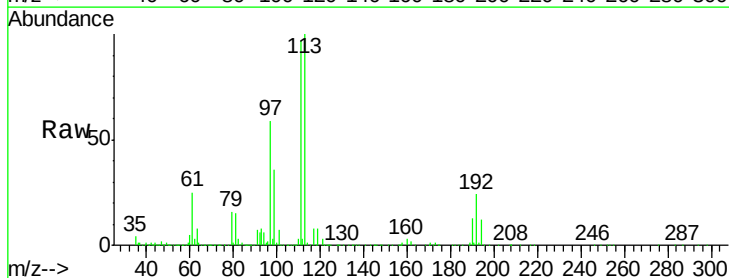
RT: 5.48 min Scan# 754

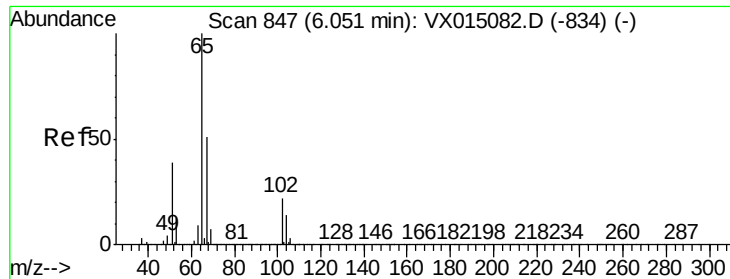
Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	97	Resp:	82914
Ion Ratio	Lower	Upper	
97	100		
99	63.9	52.8	79.2
61	44.8	36.6	54.8





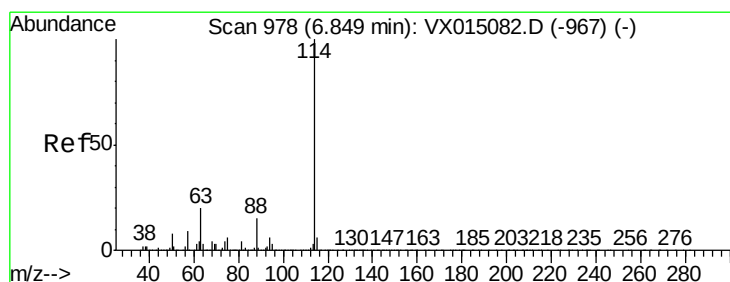
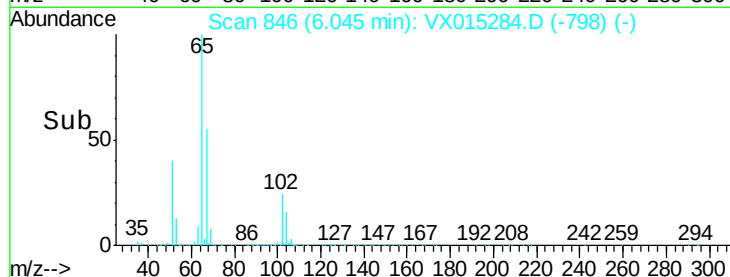
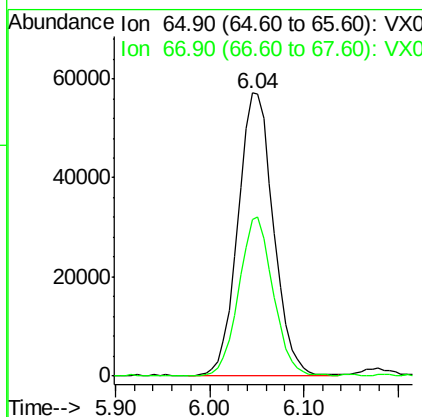
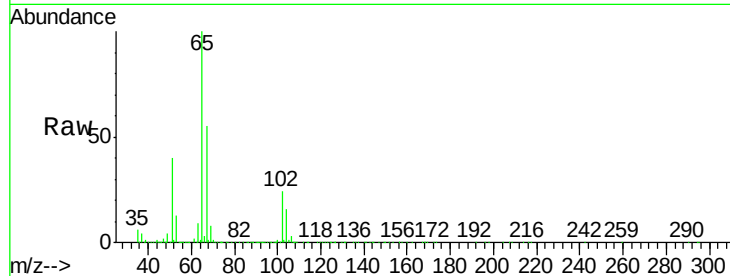
#33
 1,2-Dichloroethane-d4
 Concen: 42.809 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	150250		
67	54.7	0.0	105.6	

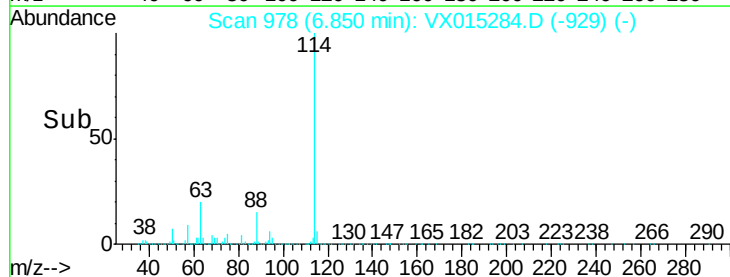
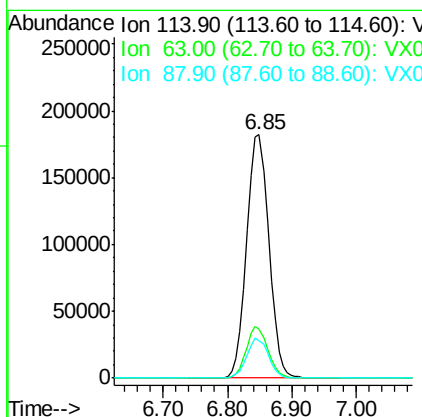
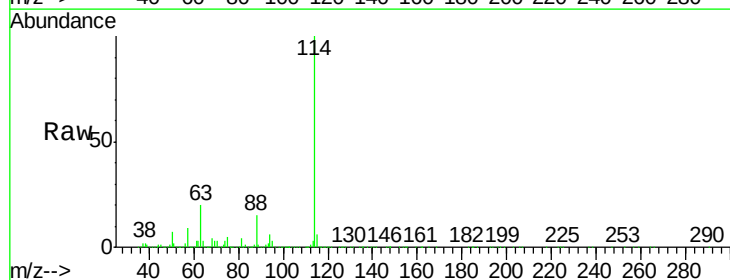
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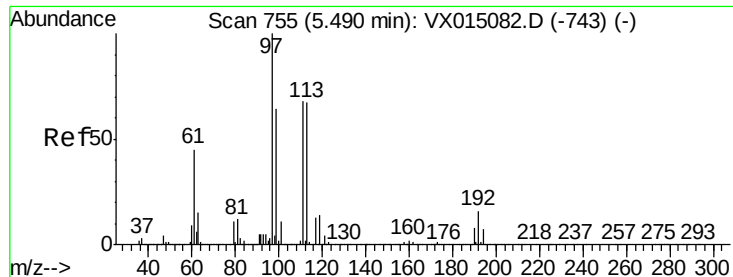
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	431520		
63	20.0	0.0	40.0	
88	15.2	0.0	30.6	





#35

Dibromofluoromethane

Concen: 47.919 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

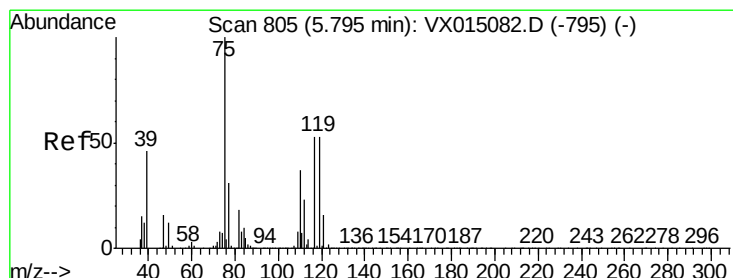
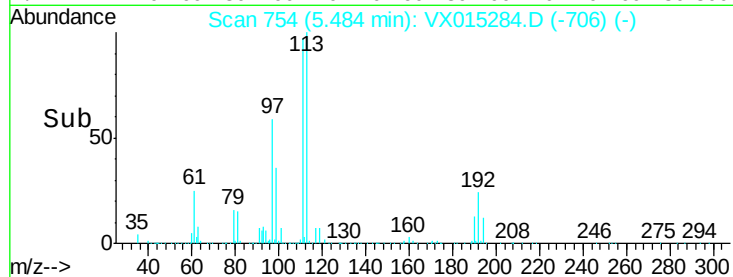
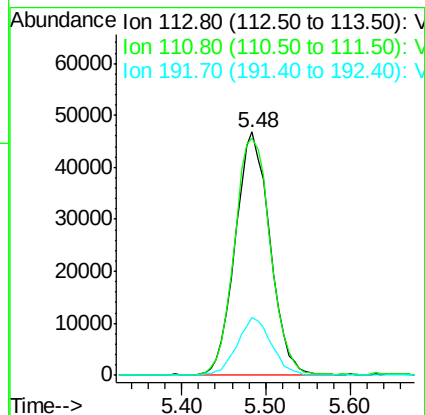
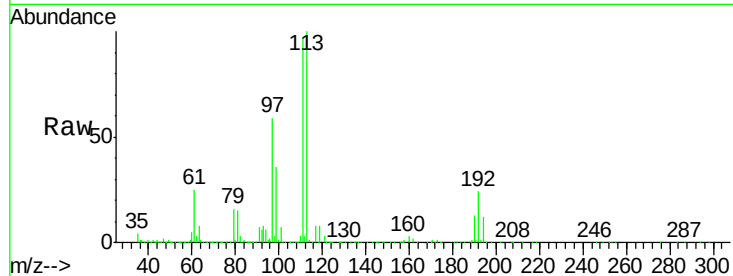
ClientSampleId :

VX0316WBS01

Tot Ion:	113	Resp:	130450
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.6	123.8
192	23.6	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 18.730 ug/l

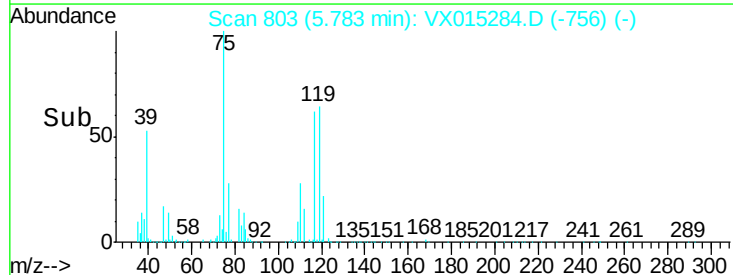
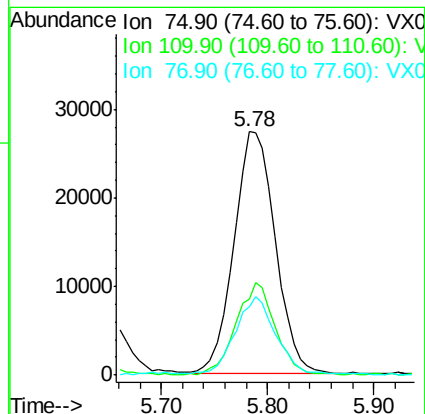
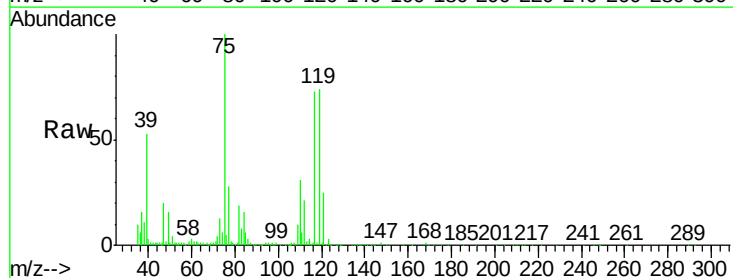
RT: 5.78 min Scan# 803

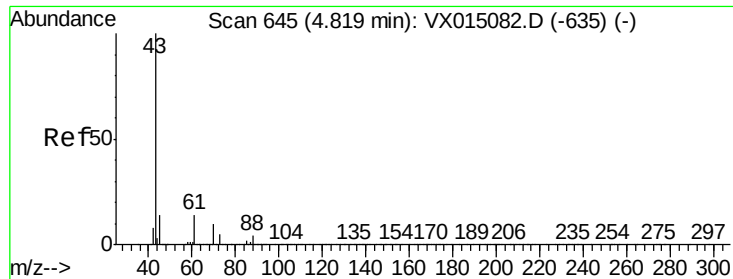
Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	75	Resp:	74718
Ion Ratio	Lower	Upper	
75	100		
110	36.3	17.9	53.8
77	30.9	24.8	37.2





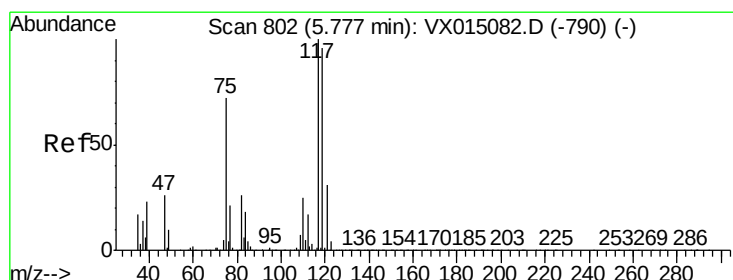
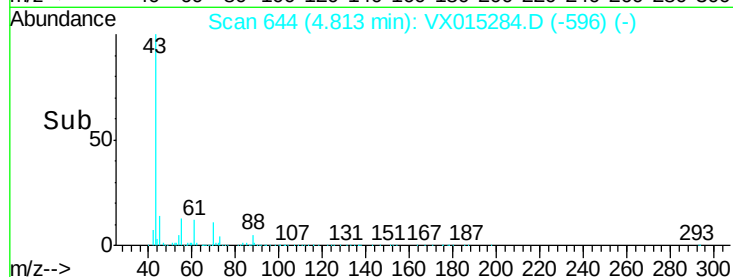
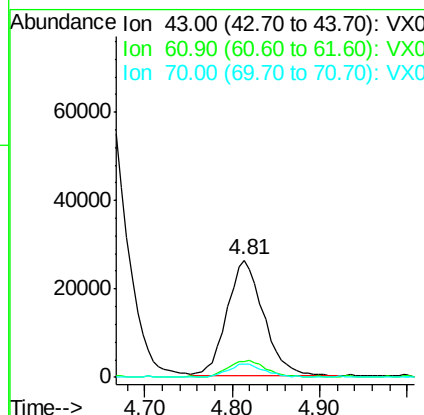
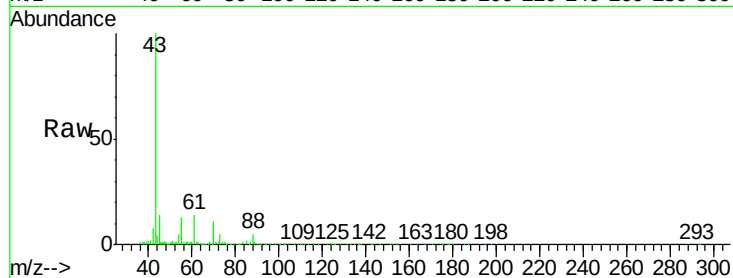
#37
Ethyl Acetate
Concen: 20.600 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion:	43	Resp:	76228
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.0	16.4
70	11.2	8.1	12.1

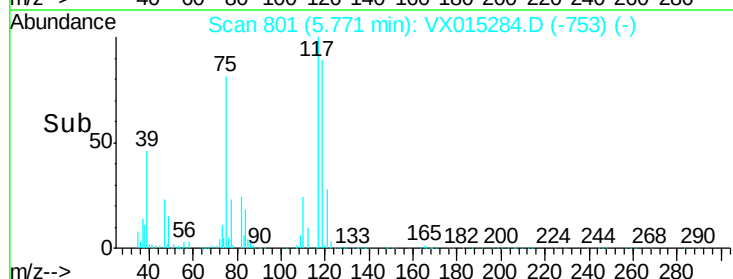
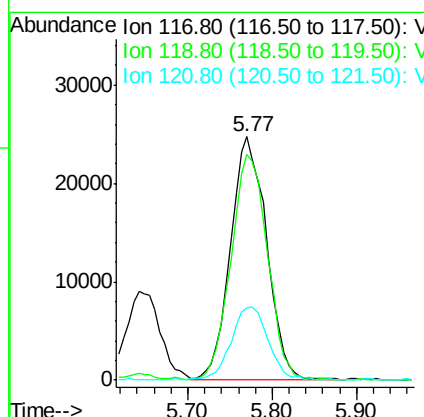
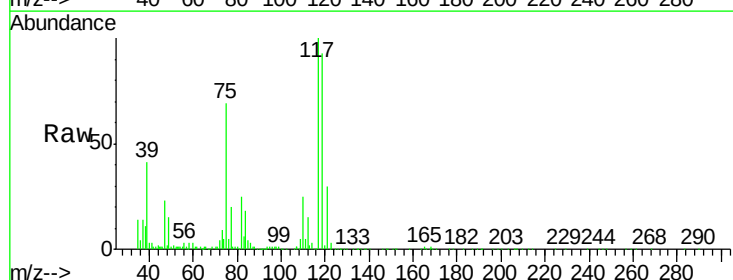
Manual Integrations
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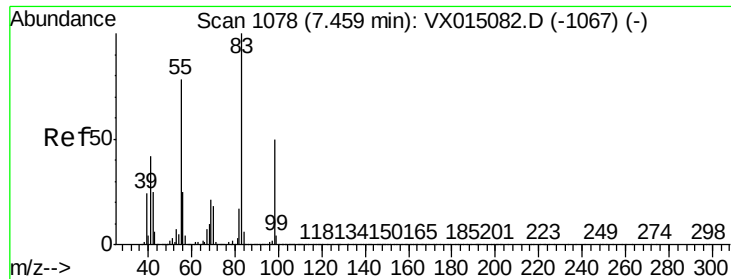
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#38
Carbon Tetrachloride
Concen: 18.962 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:	117	Resp:	71402
Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.9	115.3
121	29.3	24.6	37.0





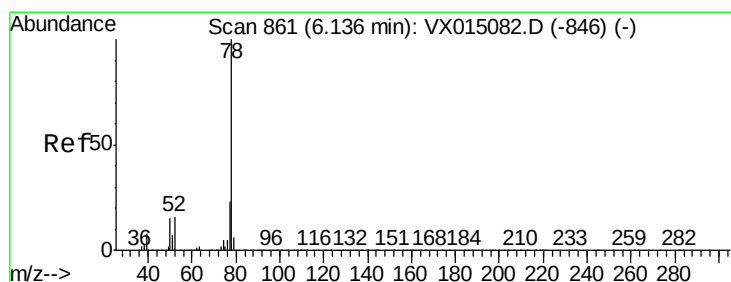
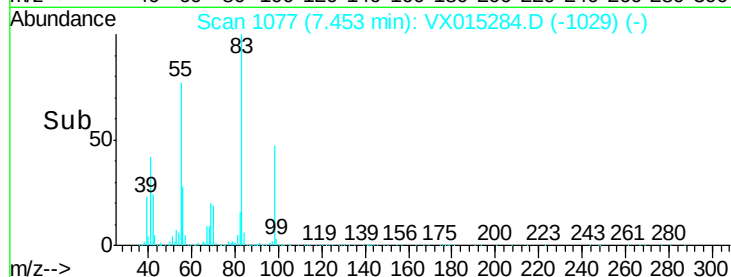
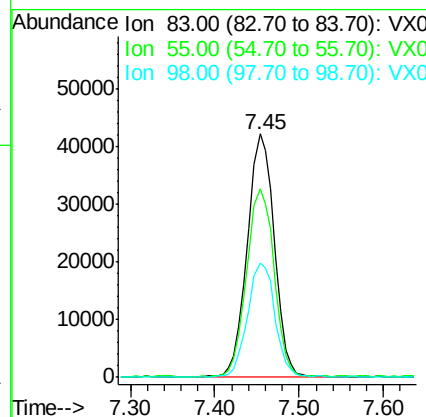
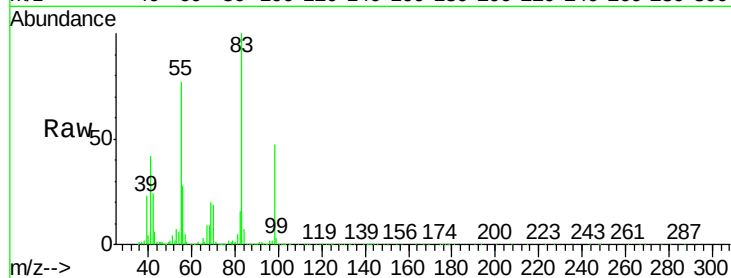
#39
Methylvlcyclohexane
Concen: 19.463 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.4	93.6
98	47.2	39.7	59.5

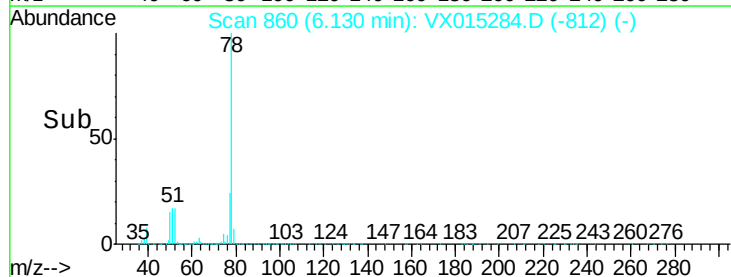
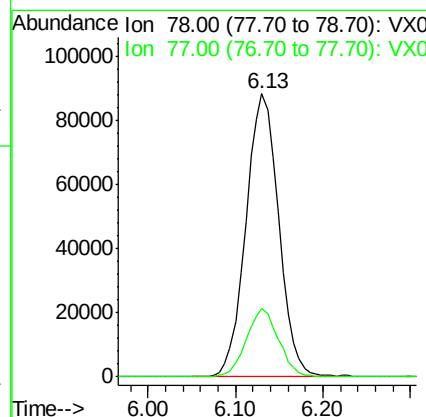
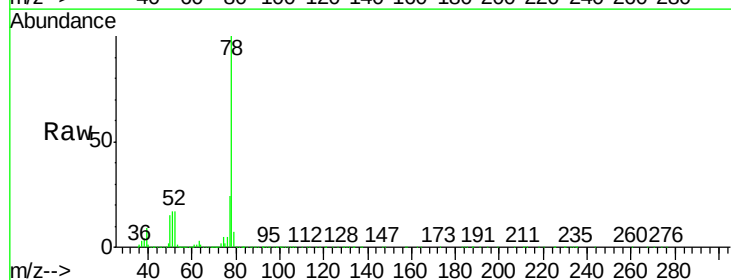
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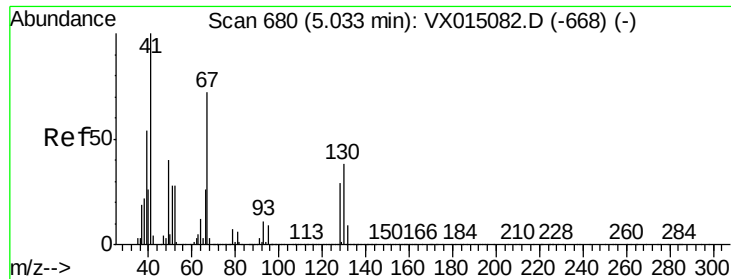
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#40
Benzene
Concen: 19.375 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





#41

Methacrylonitrile

Concen: 19.526 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

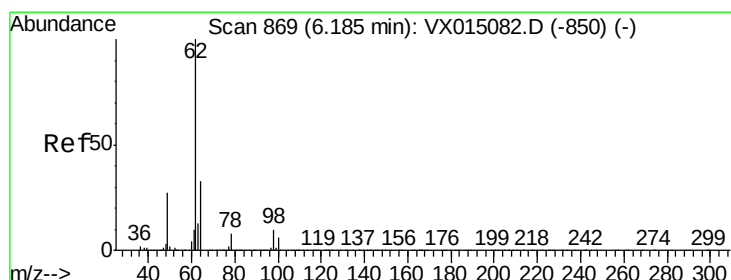
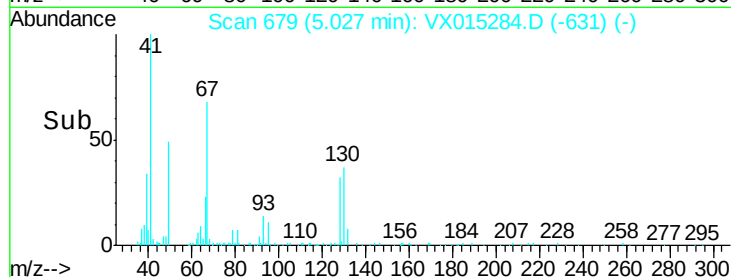
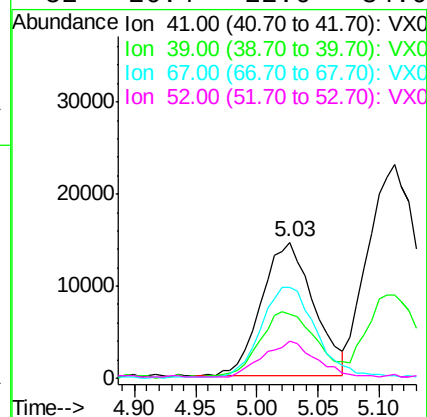
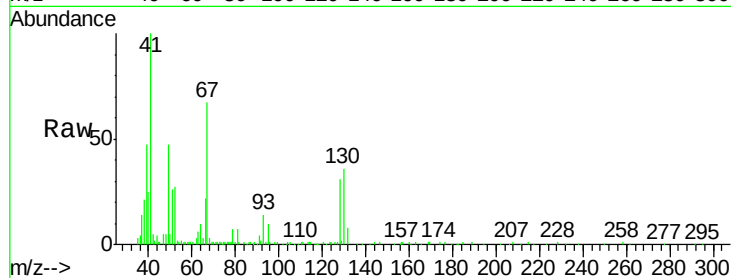
ClientSampleId :

VX0316WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.9	65.9
67	69.3	57.8	86.8
52	26.4	22.6	34.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.416 ug/l

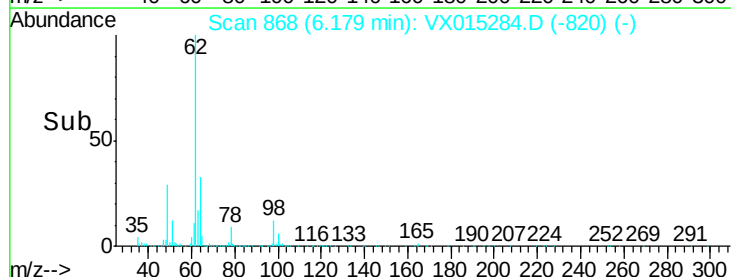
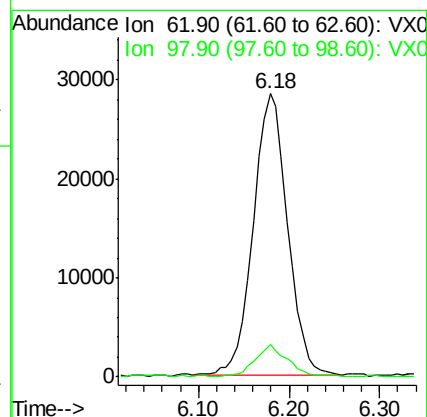
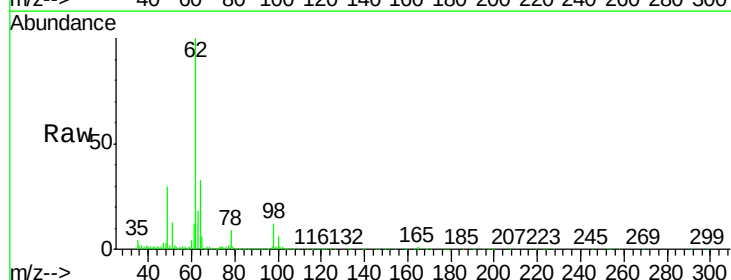
RT: 6.18 min Scan# 868

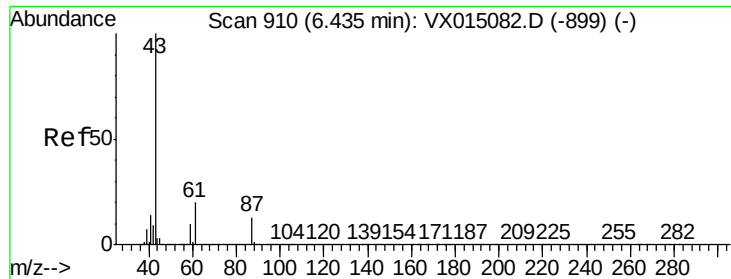
Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6





#43

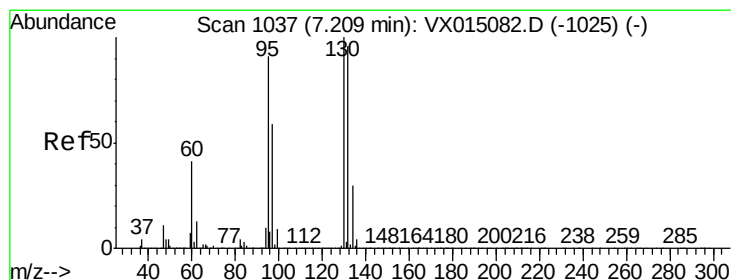
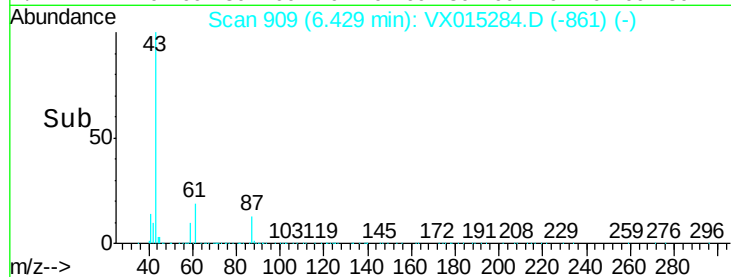
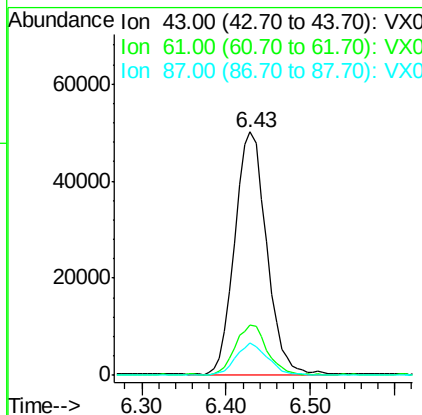
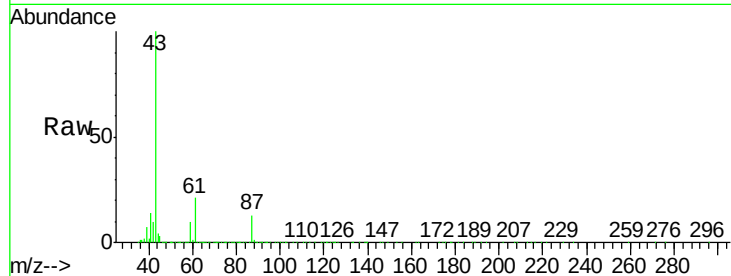
Isopropyl Acetate
 Concen: 19.871 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	13.1	10.6	16.0

Manual Integrations
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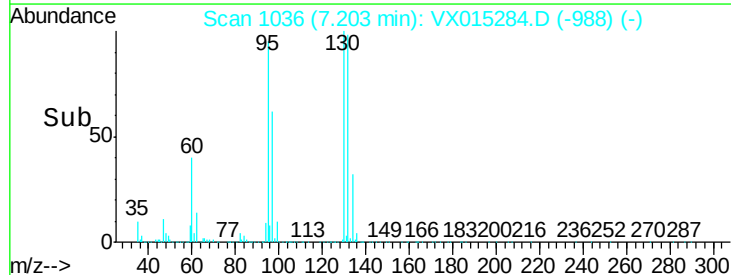
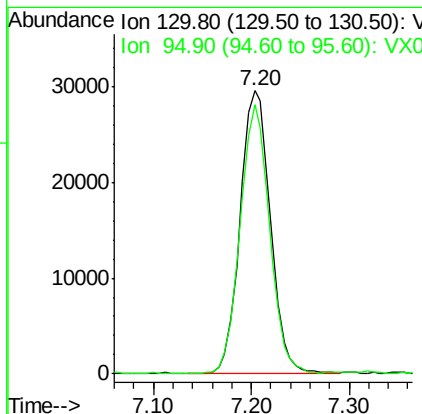
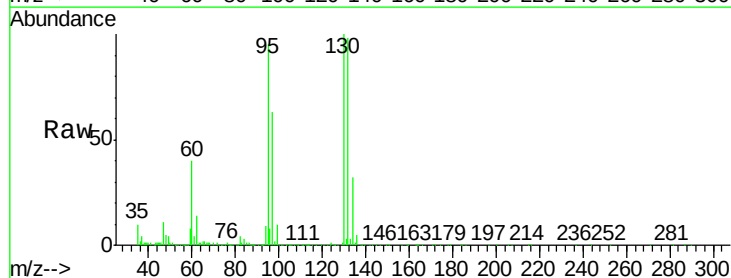
MMDadoda
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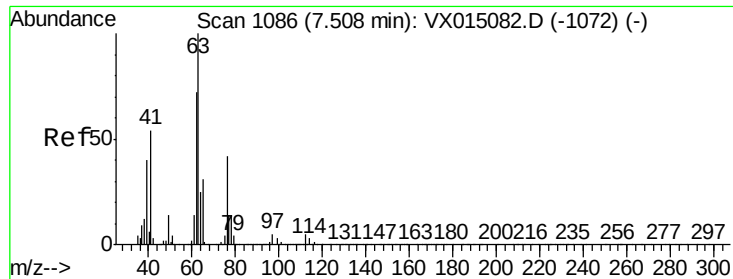


#44

Trichloroethene
 Concen: 19.338 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	181.2





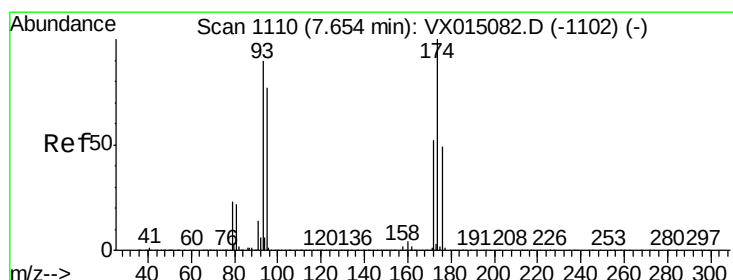
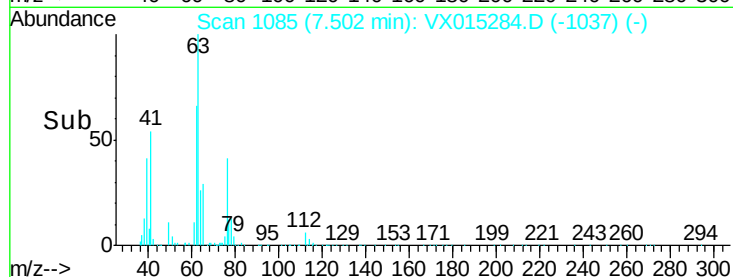
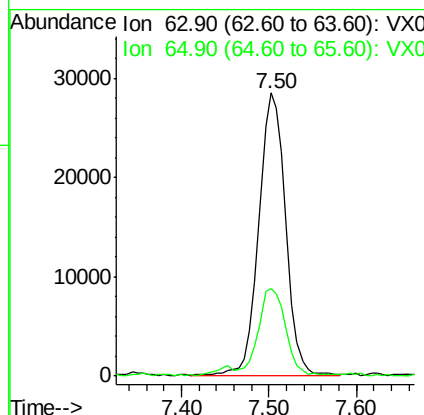
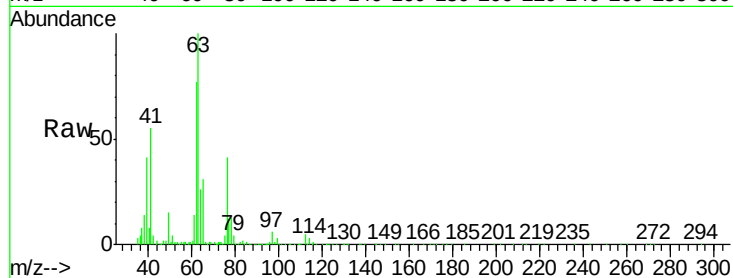
#45
 1,2-Dichloropropane
 Concen: 19.918 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.6	36.8

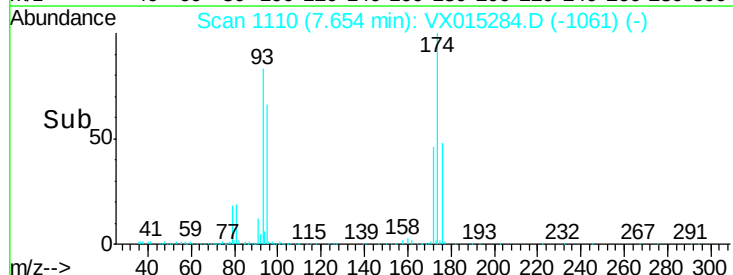
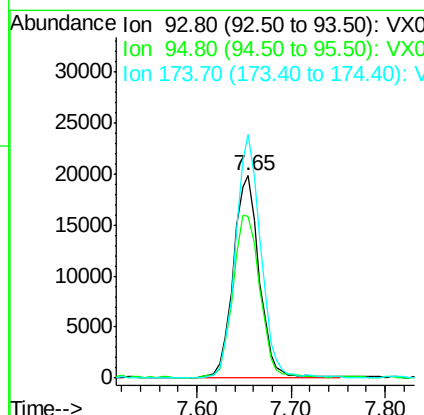
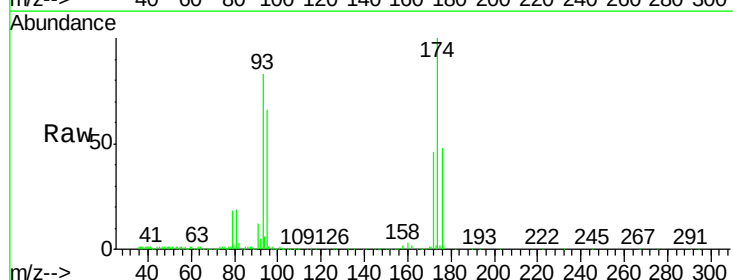
Manual Integrations
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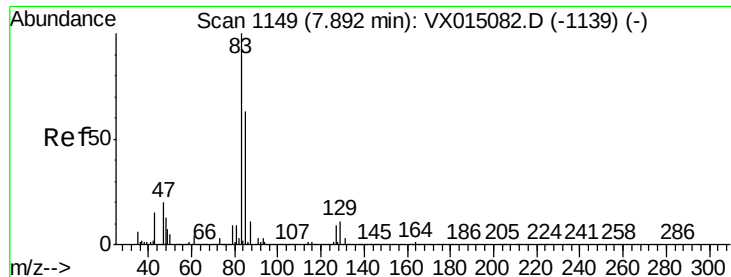
MMDadoda
 3/17/2020 12:11:19 PM



#46
 Dibromomethane
 Concen: 18.754 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.1	67.8	101.8
174	119.3	91.0	136.4





#47

Bromodichloromethane

Concen: 19.536 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

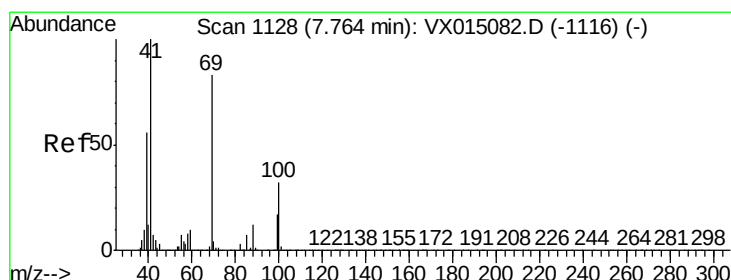
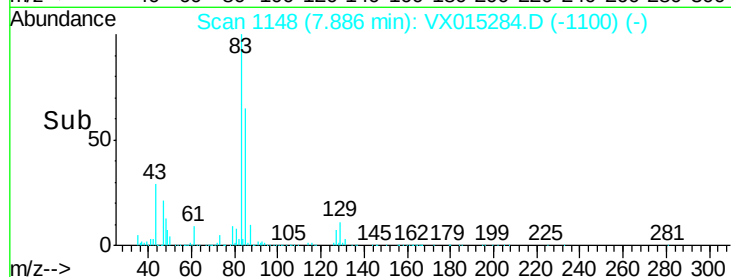
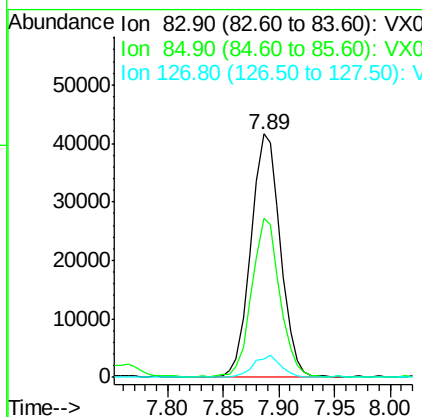
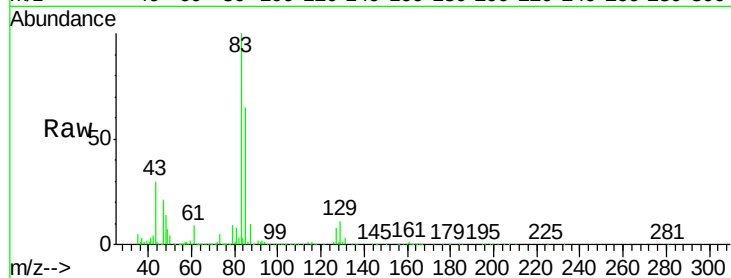
ClientSampleId :

VX0316WBS01

Tot Ion:	83	Resp:	77114
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.6	75.8
127	7.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.930 ug/l

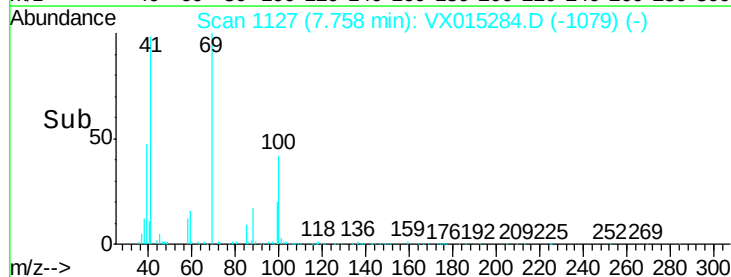
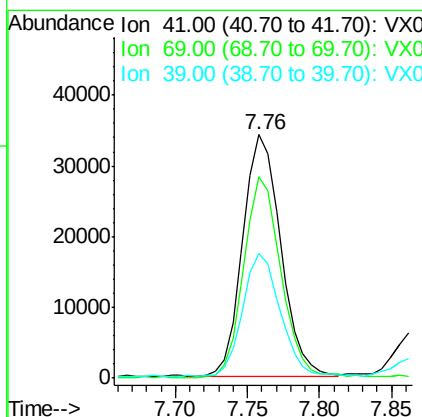
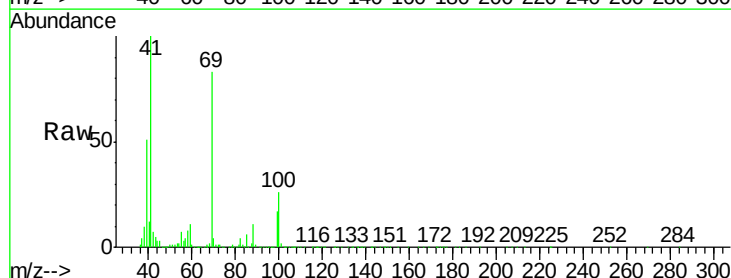
RT: 7.76 min Scan# 1127

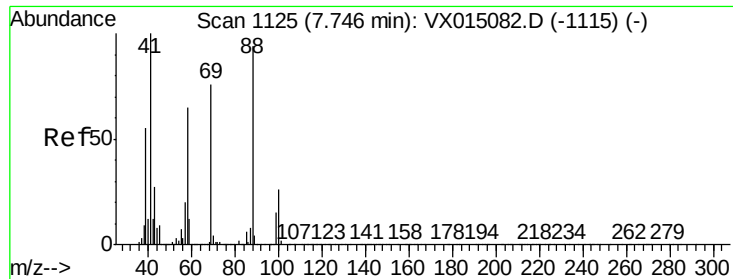
Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	41	Resp:	62721
Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.4	98.2
39	50.7	44.6	67.0





#49

1,4-Dioxane

Concen: 376.781 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

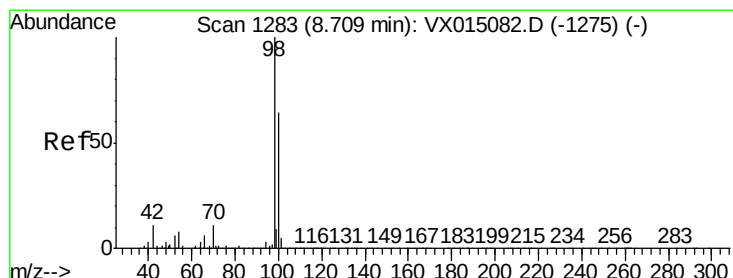
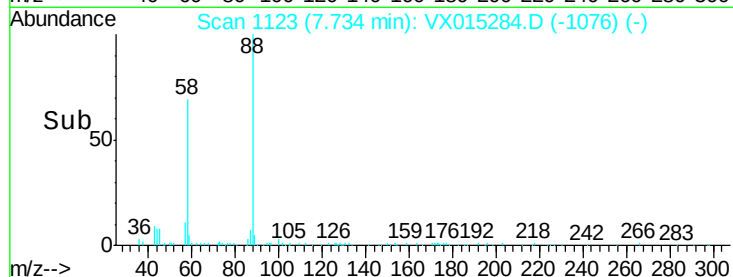
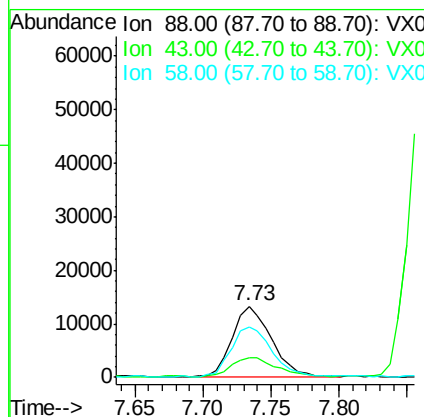
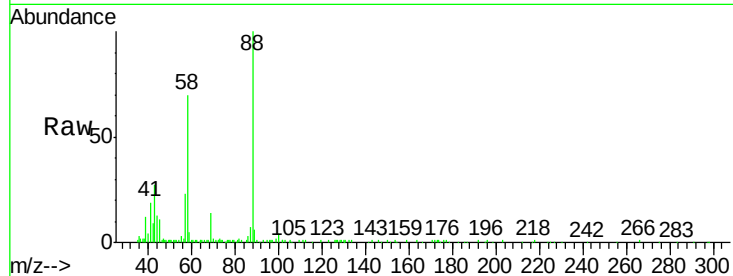
ClientSampleId :

VX0316WBS01

Tot Ion:	88	Resp:	26991
Ion Ratio	Lower	Upper	
88	100		
43	29.2	27.0	40.4
58	74.0	55.6	83.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.099 ug/l

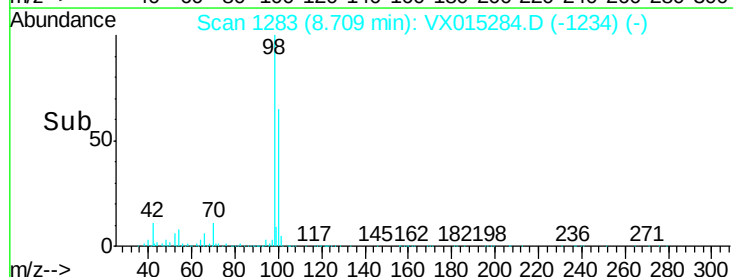
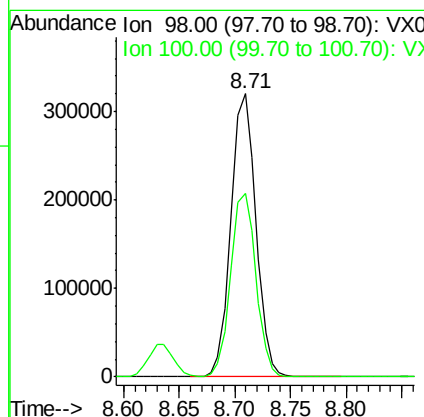
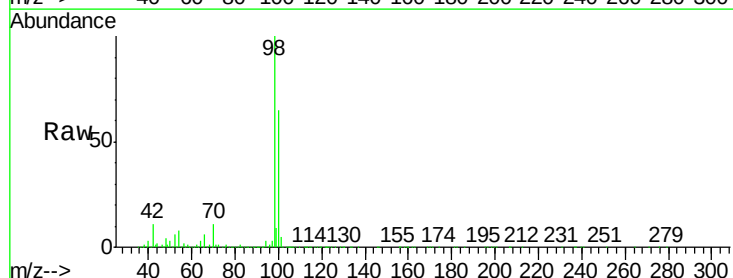
RT: 8.71 min Scan# 1283

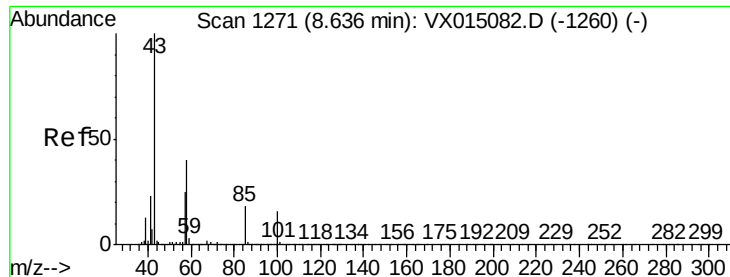
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	98	Resp:	498077
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.4	78.6





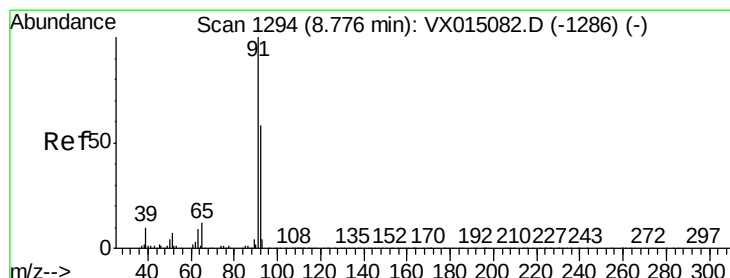
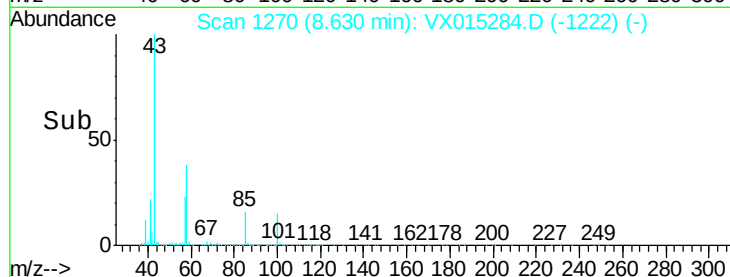
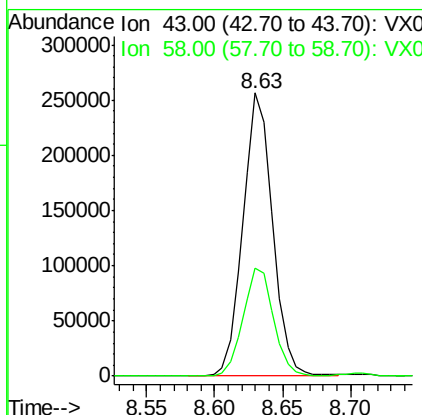
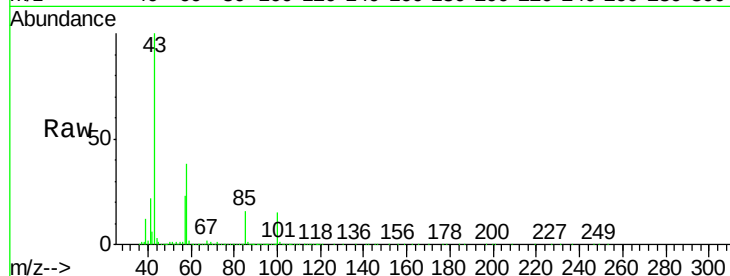
#51
4-Methyl-2-Pentanone
Concen: 101.594 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampled :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.6	47.4

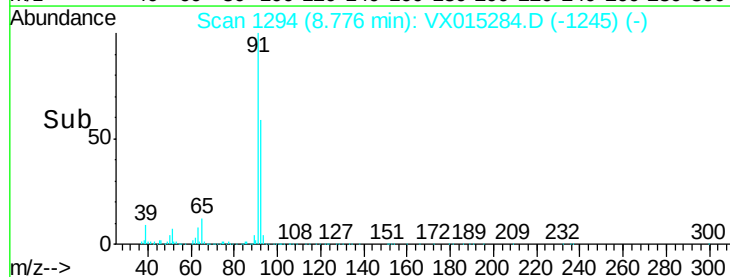
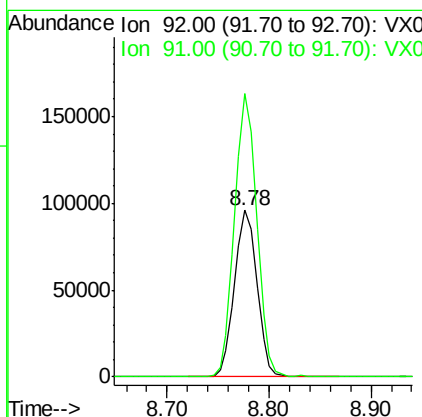
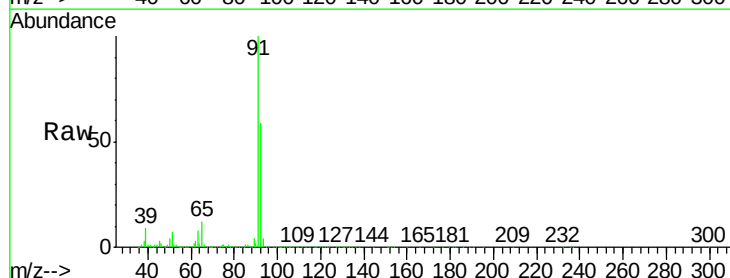
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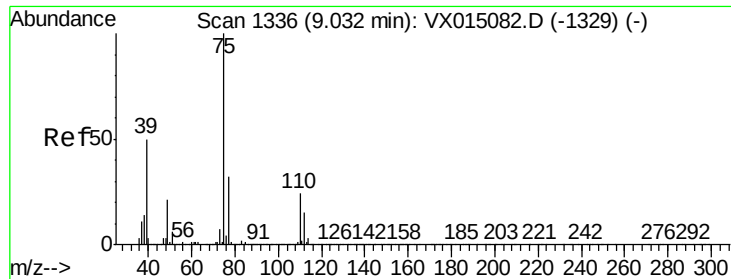
MMDadoda
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#52
Toluene
Concen: 20.147 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.3	136.9	205.3





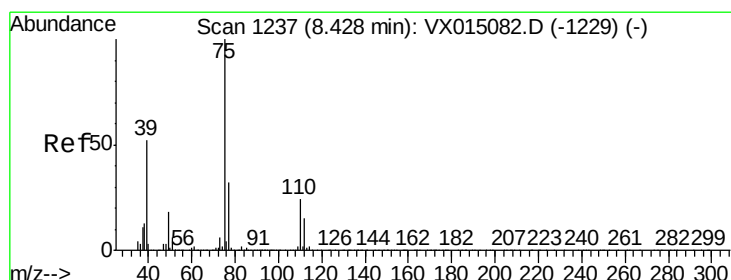
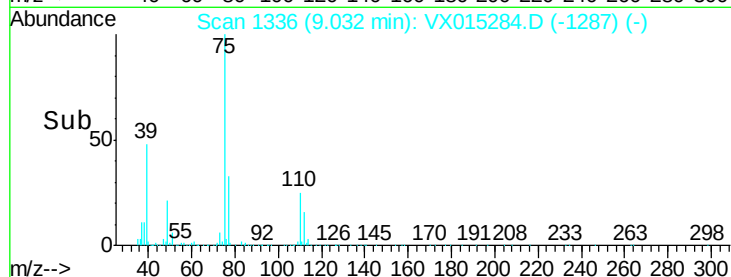
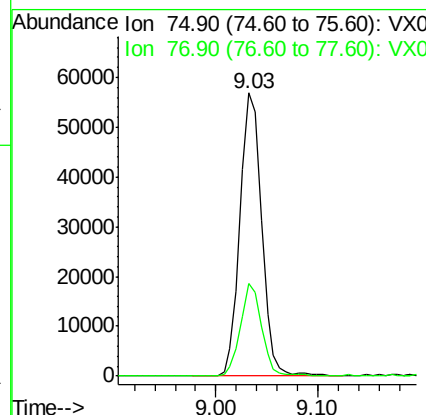
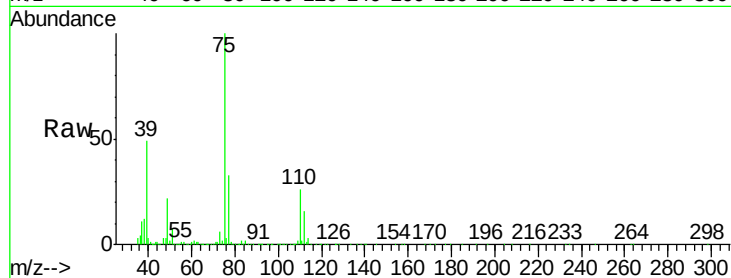
#53
t-1,3-Dichloropropene
Concen: 19.735 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.0

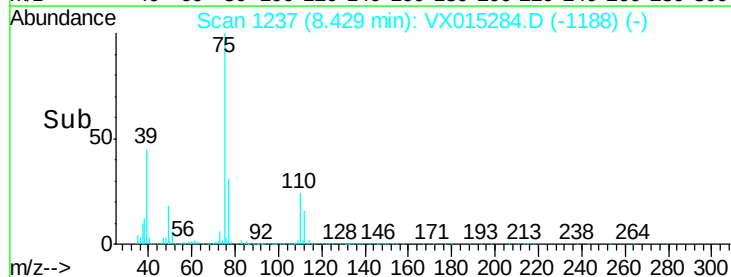
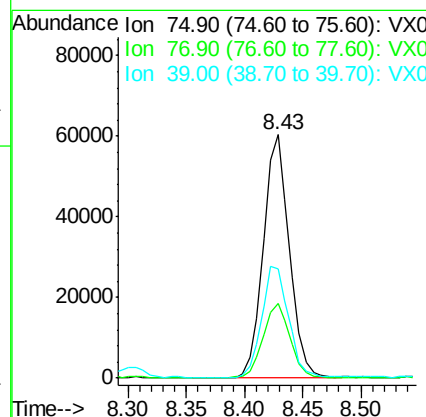
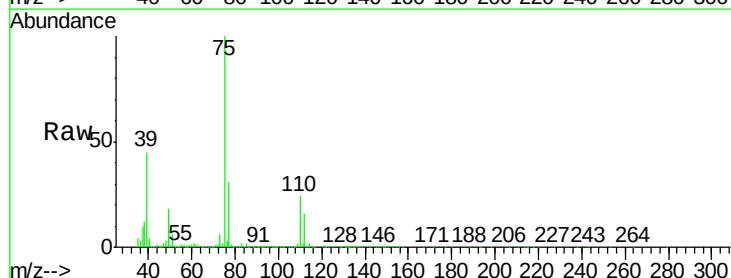
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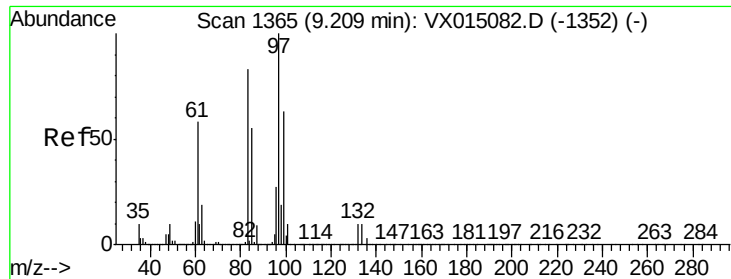
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.786 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.6
39	44.8	41.3	61.9





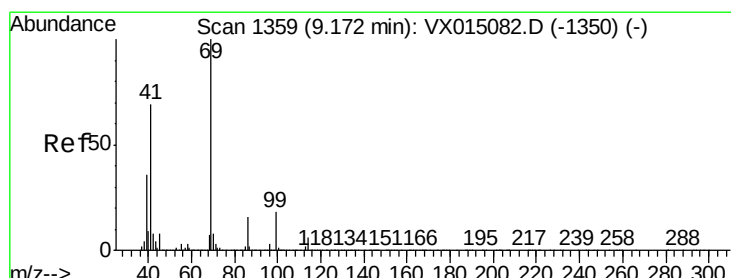
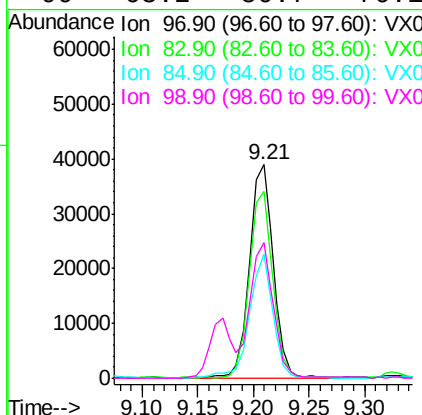
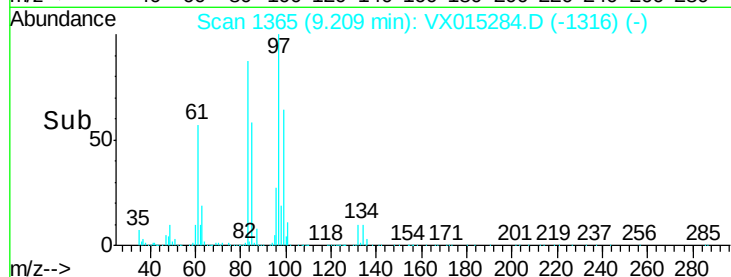
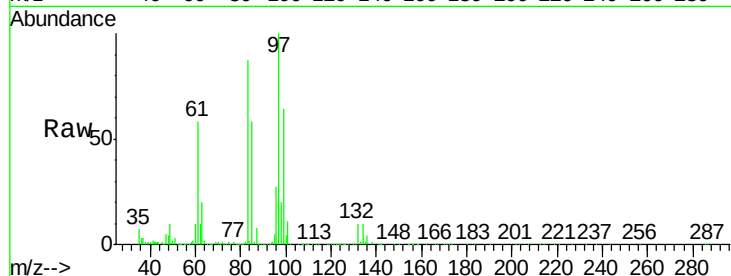
#55
 1,1,2-Trichloroethane
 Concen: 19.479 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		58019		
83	87.2	66.4	99.6		
85	58.2	43.5	65.3		
99	63.2	50.7	76.1		

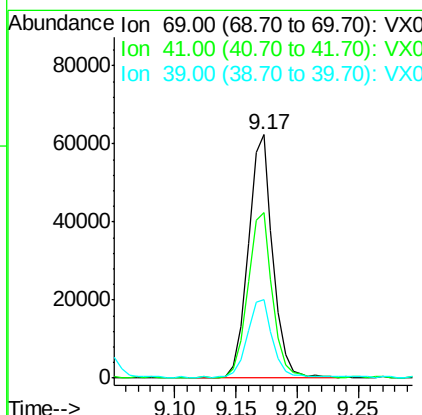
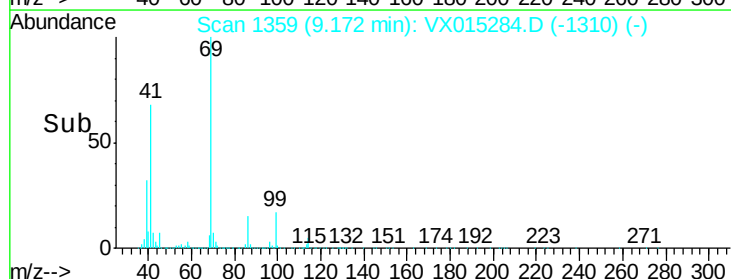
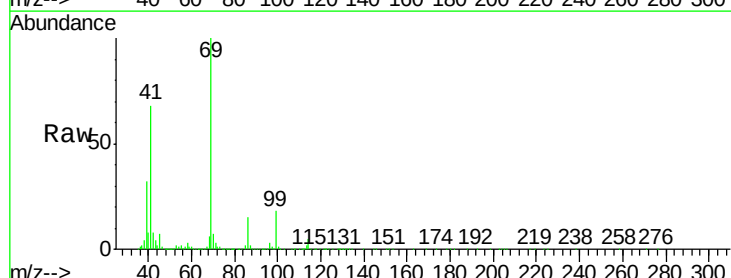
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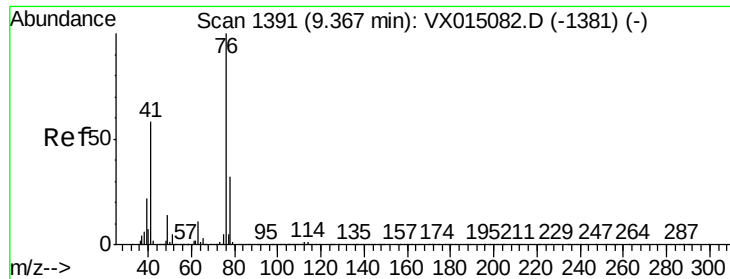
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#56
 Ethyl methacrylate
 Concen: 20.450 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		86881		
41	67.7	55.8	83.8		
39	32.5	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 19.736 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion: 76 Resp: 98899

Ion Ratio Lower Upper

76 100

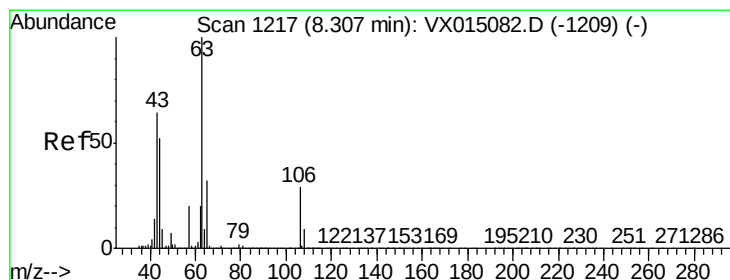
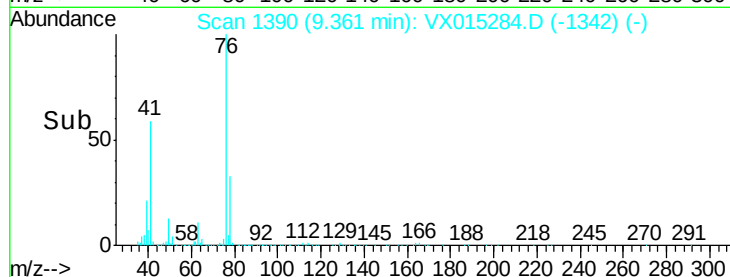
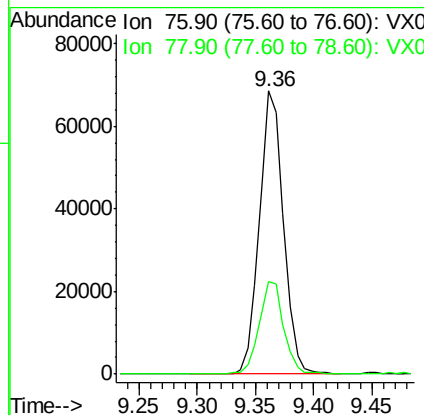
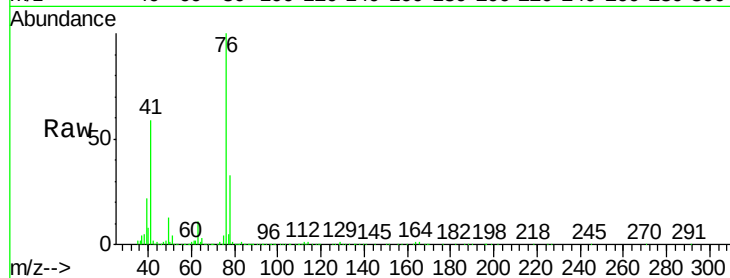
78 32.6 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 94.371 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015284.D

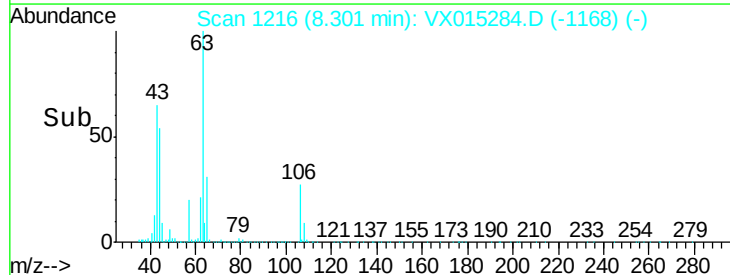
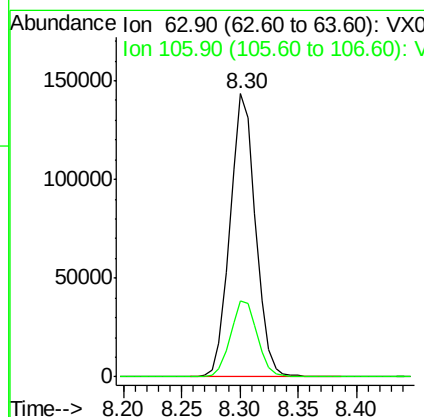
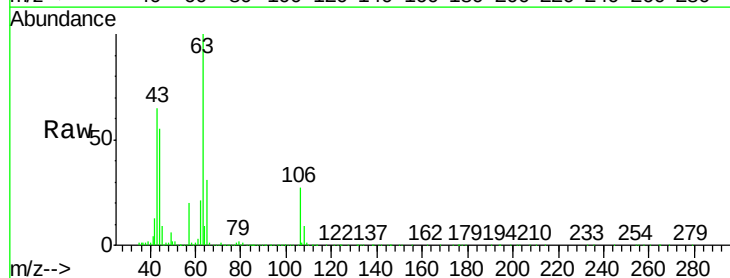
Acq: 16 Mar 2020 11:15

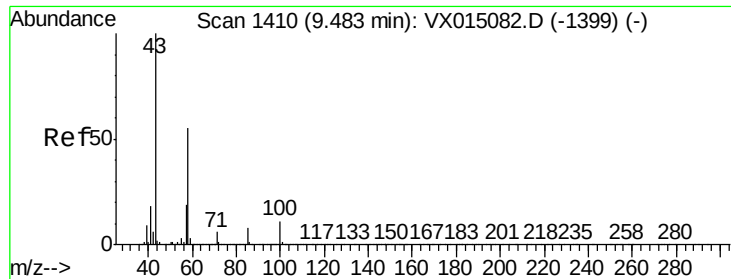
Tgt Ion: 63 Resp: 218422

Ion Ratio Lower Upper

63 100

106 28.2 22.8 34.2





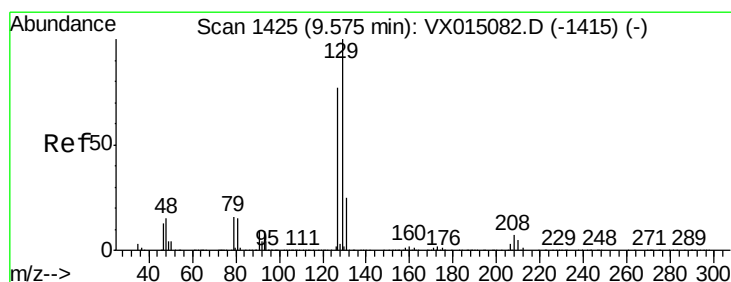
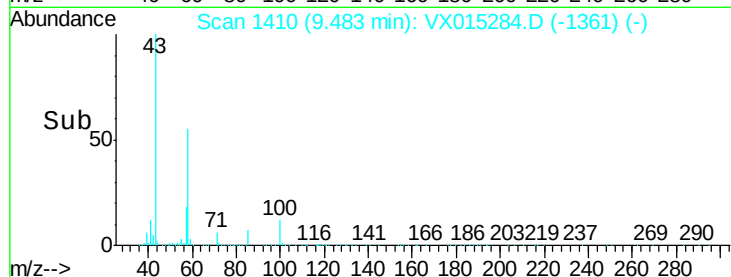
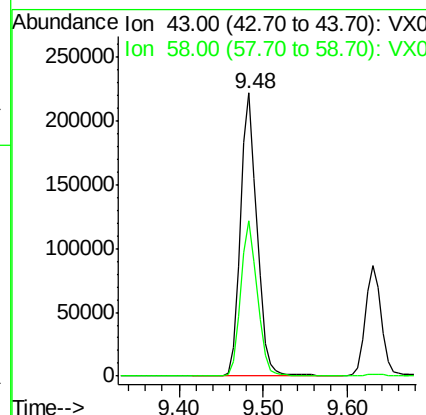
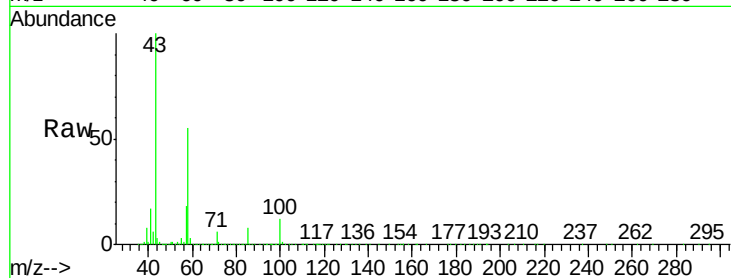
#59
2-Hexanone
Concen: 102.643 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	27.3	81.8

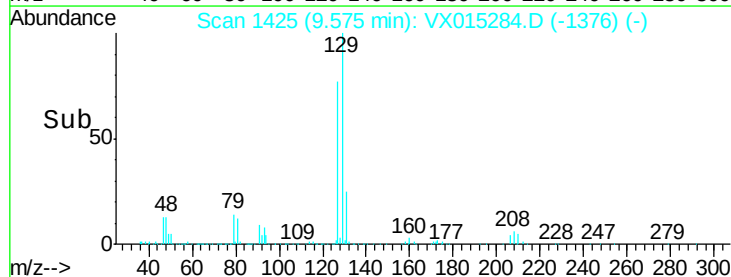
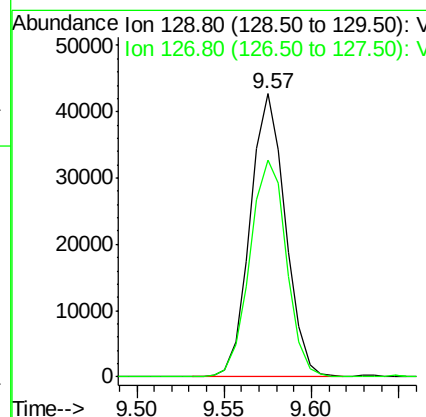
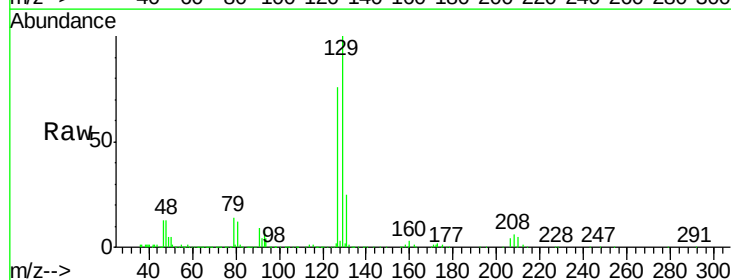
Manual Integrations
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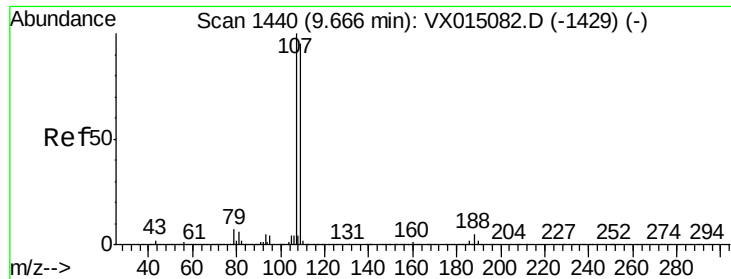
MMDadoda
3/17/2020 12:11:19 PM



#60
Dibromochloromethane
Concen: 19.269 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.6	38.8	116.3





#61

1,2-Dibromoethane

Concen: 18.895 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion:107 Resp: 59114

Ion Ratio Lower Upper

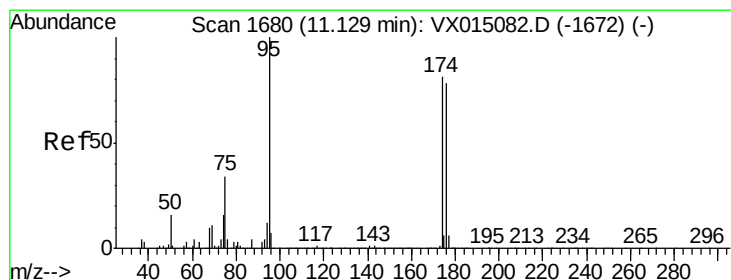
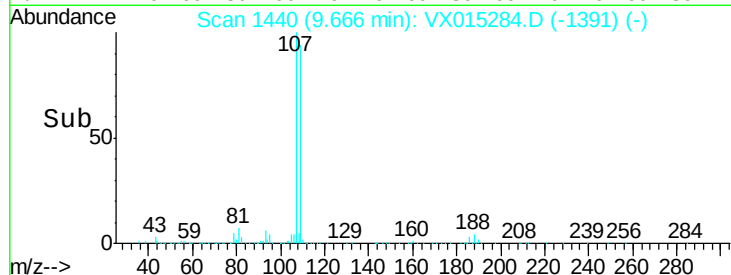
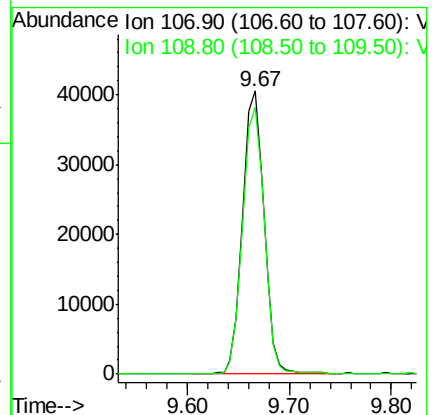
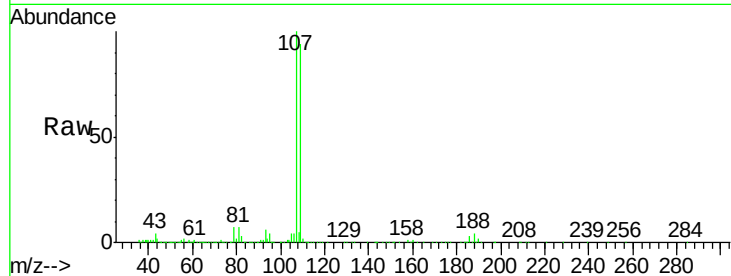
107 100

109 94.7 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.960 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

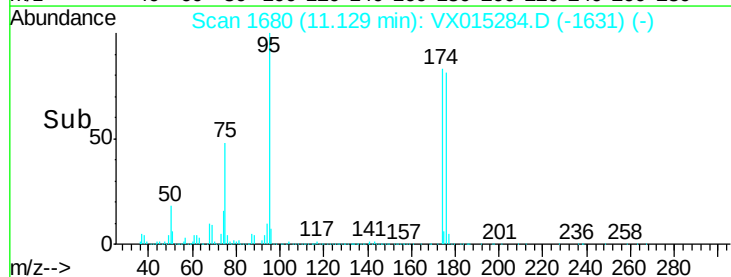
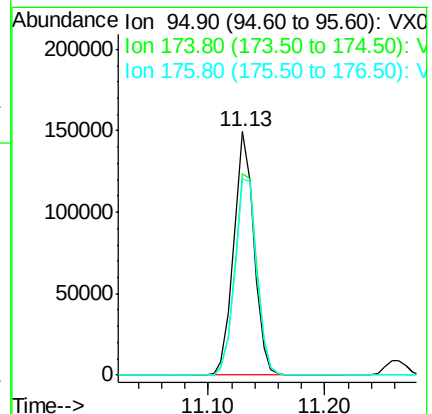
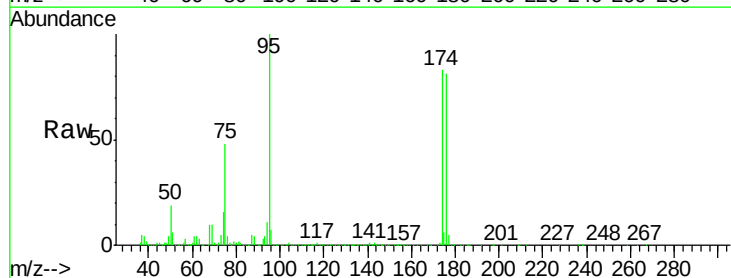
Tgt Ion: 95 Resp: 180840

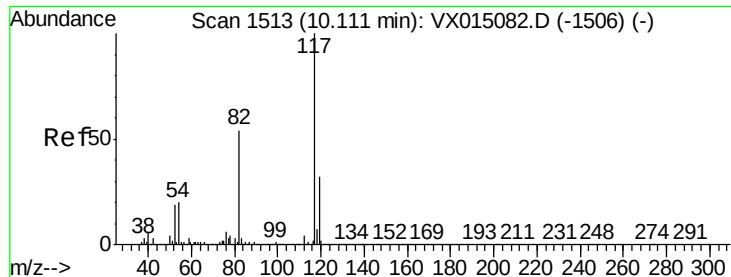
Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.6

176 87.4 0.0 170.2





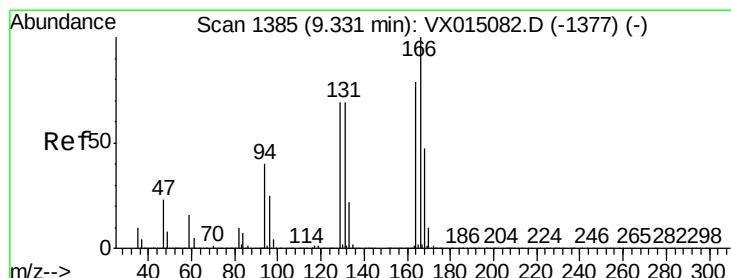
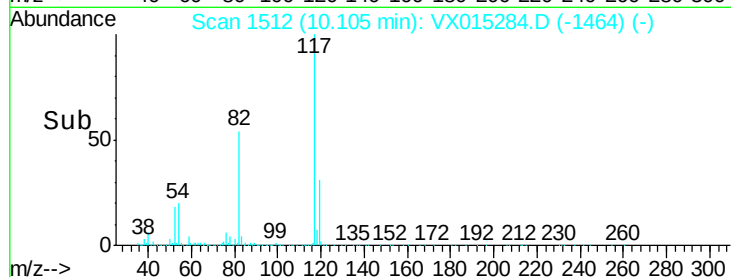
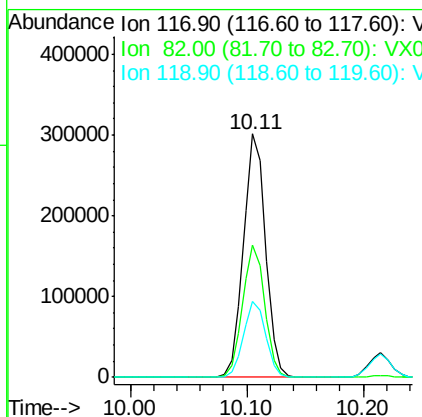
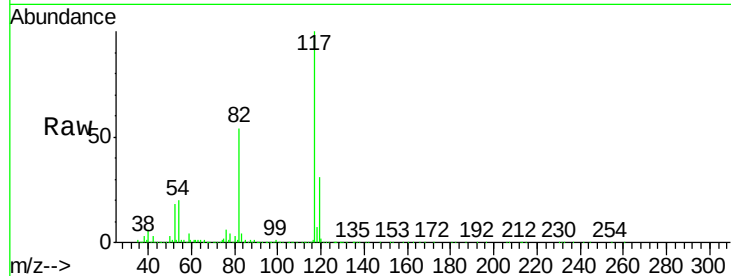
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.5	43.3	64.9
119	31.1	25.8	38.8

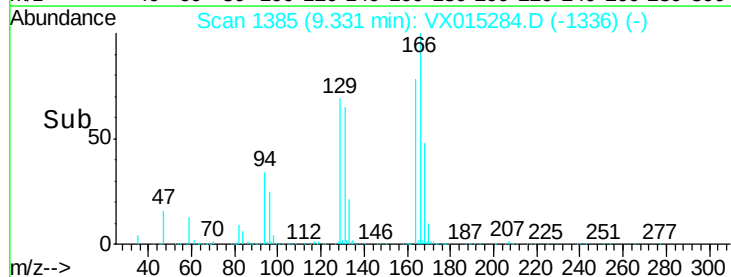
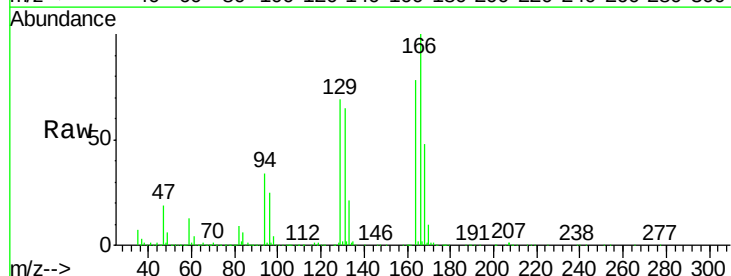
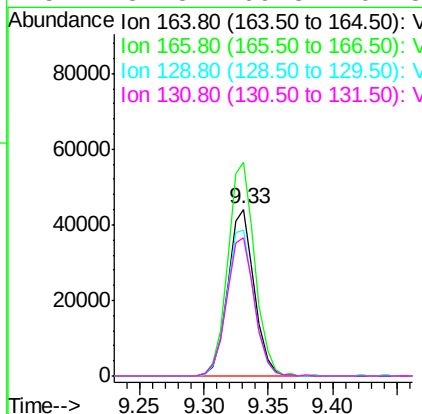
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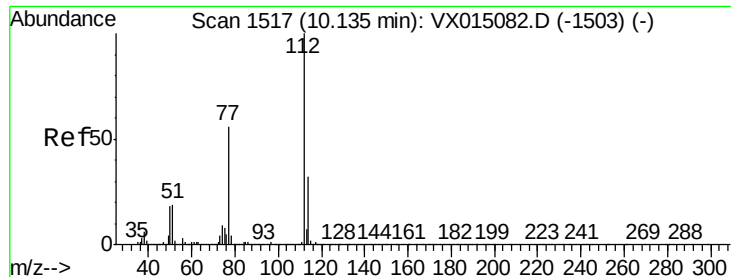
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#64
Tetrachloroethene
Concen: 19.046 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.9	101.1	151.7
129	87.7	69.4	104.0
131	82.8	69.8	104.8





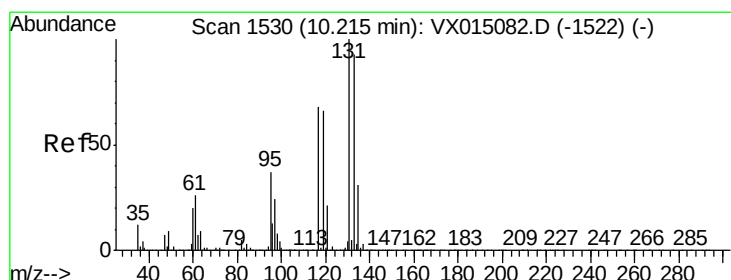
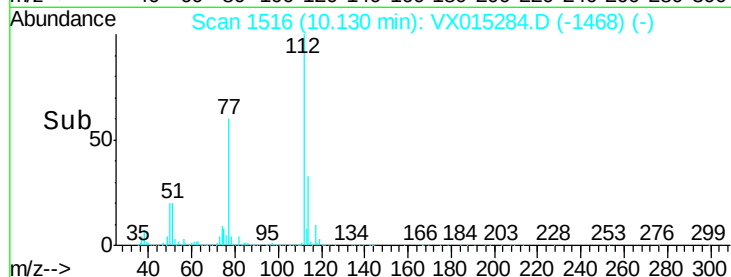
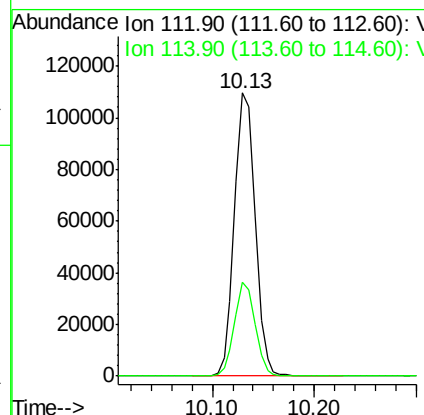
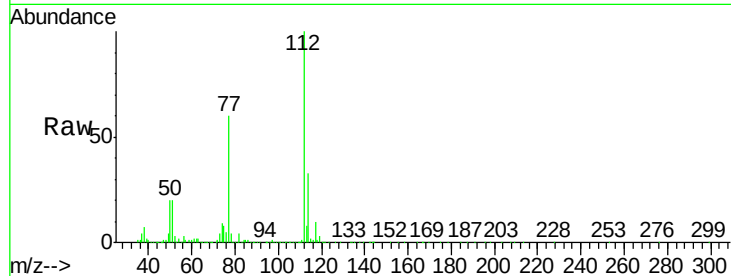
#65
Chlorobenzene
Concen: 19.114 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.5	38.3

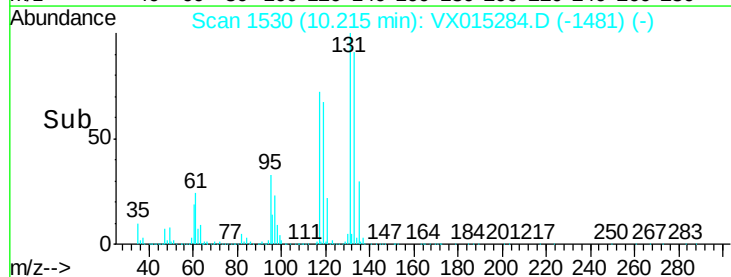
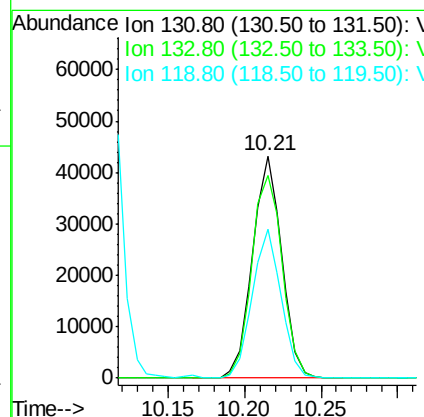
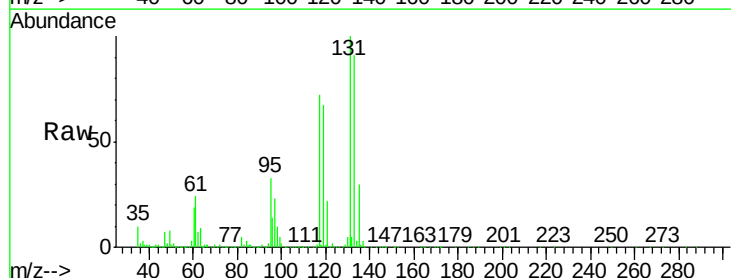
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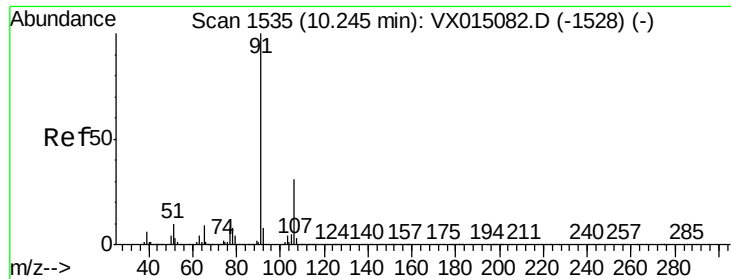
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.931 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.5	142.5
119	66.3	33.4	100.1





#67

Ethyl Benzene

Concen: 19.693 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampled :

VX0316WBS01

Tot Ion: 91 Resp: 269558

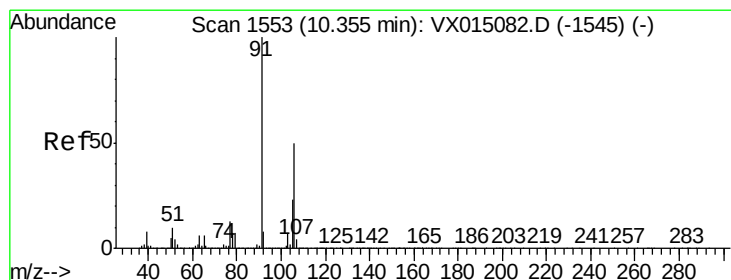
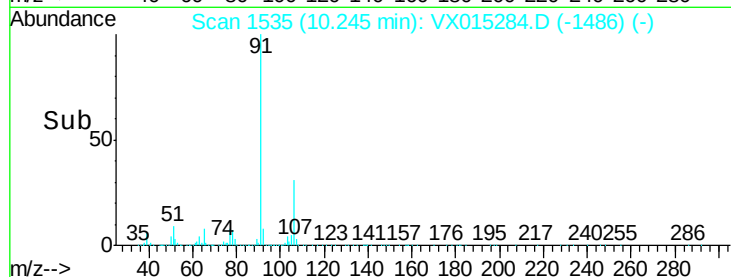
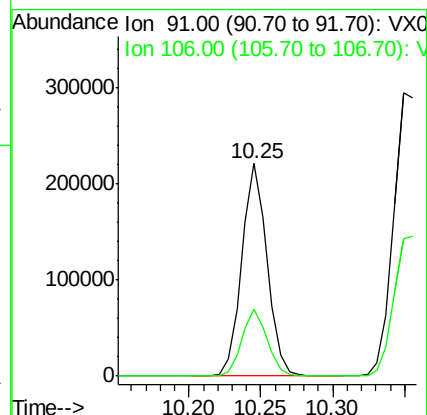
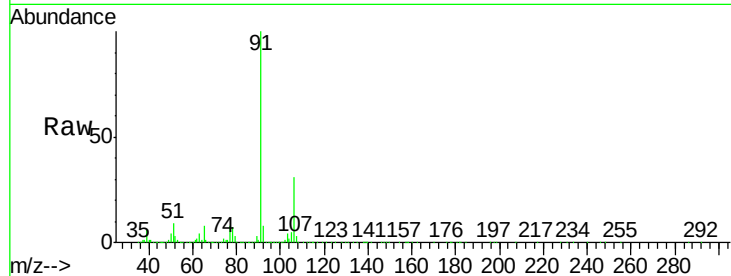
Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3

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#68

m/p-Xylenes

Concen: 38.876 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015284.D

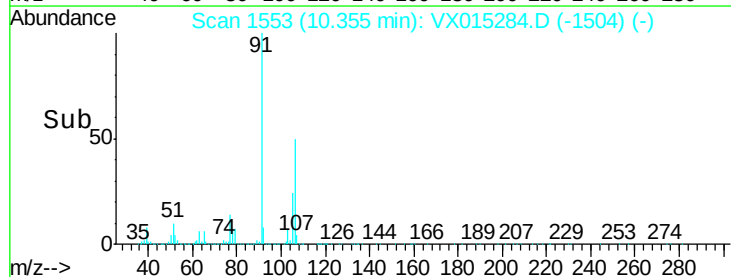
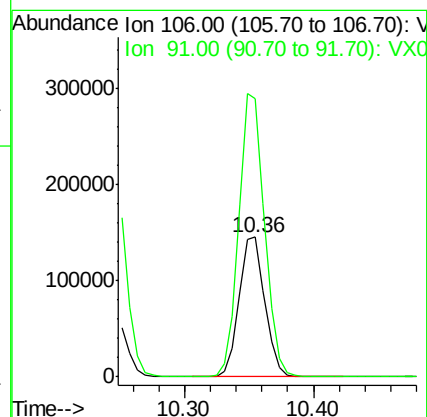
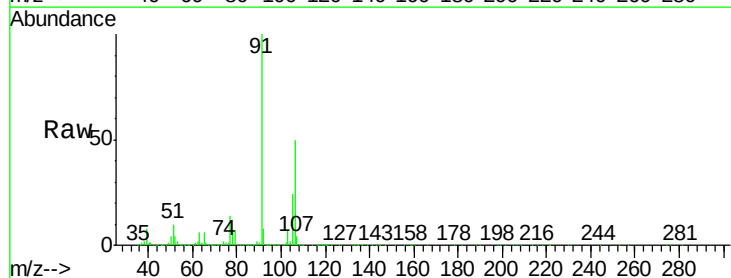
Acq: 16 Mar 2020 11:15

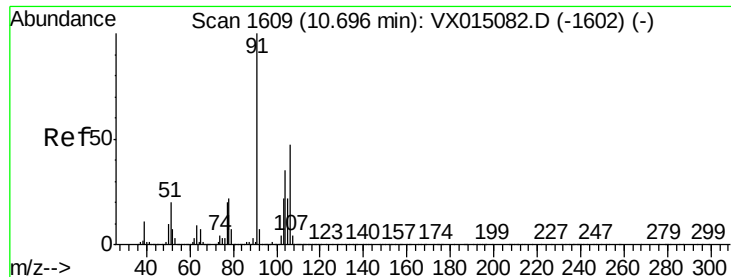
Tgt Ion: 106 Resp: 202460

Ion Ratio Lower Upper

106 100

91 202.0 159.4 239.2





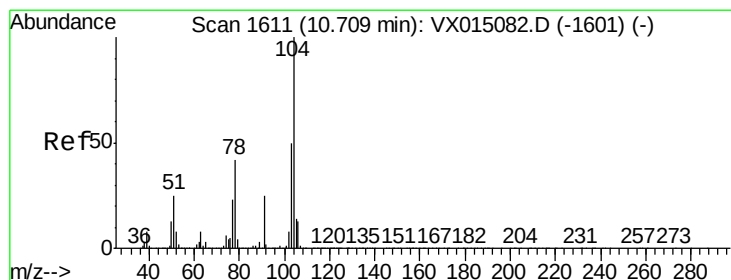
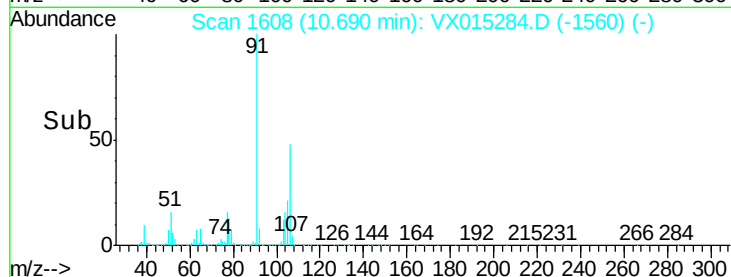
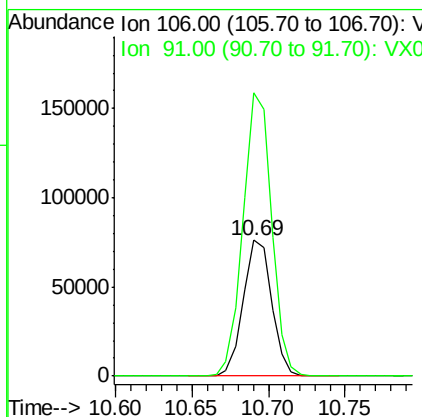
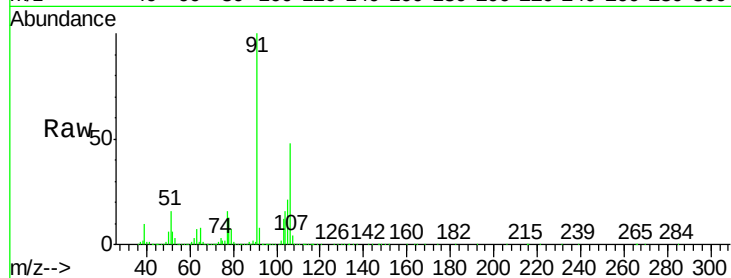
#69
o-Xylene
Concen: 19.853 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion:106 Resp: 98990
Ion Ratio Lower Upper
106 100
91 208.3 105.4 316.1

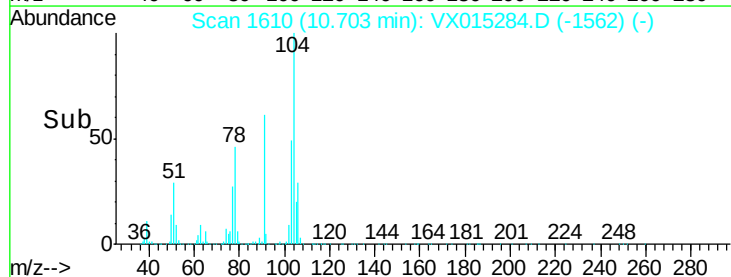
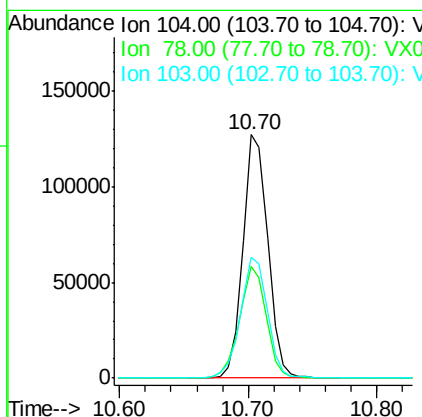
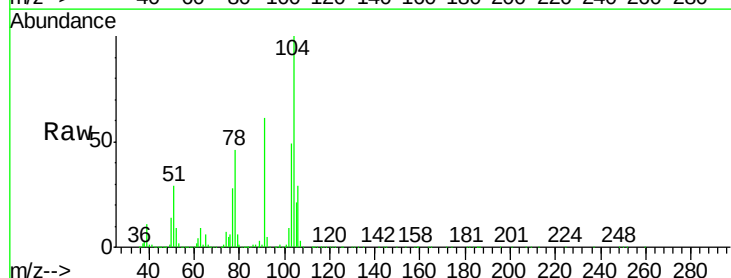
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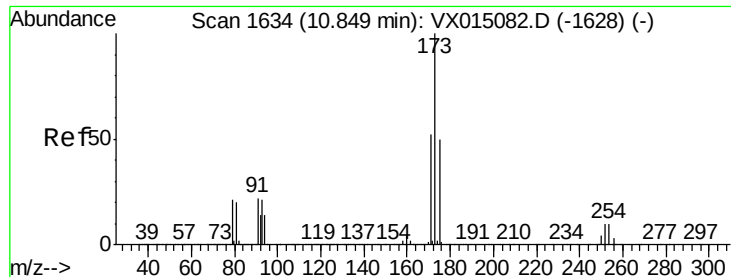
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#70
Styrene
Concen: 19.847 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:104 Resp: 169674
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 53.6 43.7 65.5





#71

Bromoform

Concen: 19.104 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion:173 Resp: 45029

Ion Ratio Lower Upper

173 100

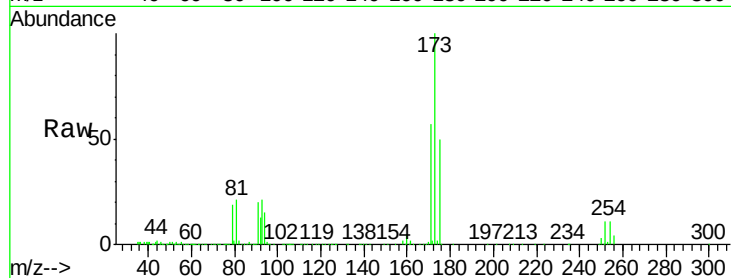
175 49.5 24.9 74.7

254 0.1 0.2 0.2#

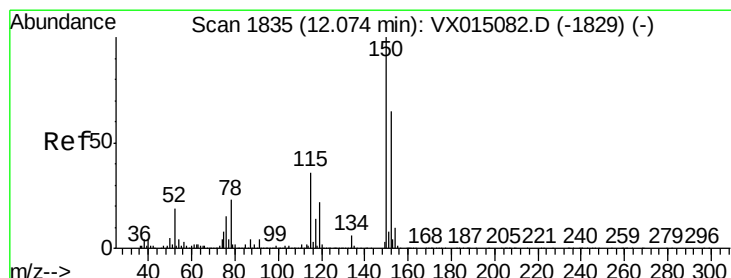
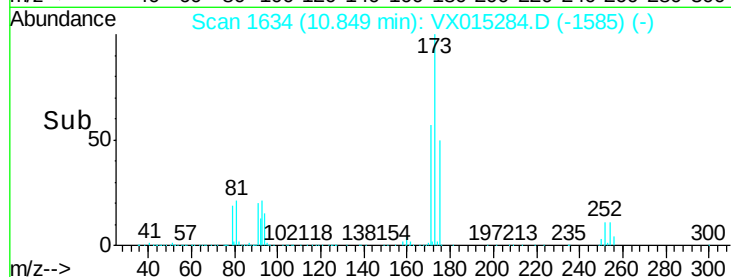
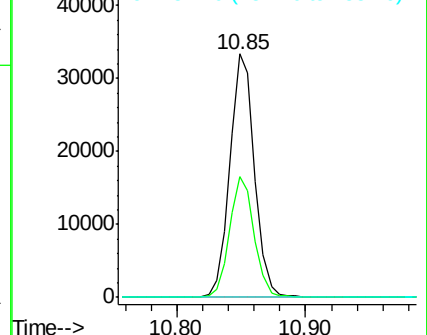
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

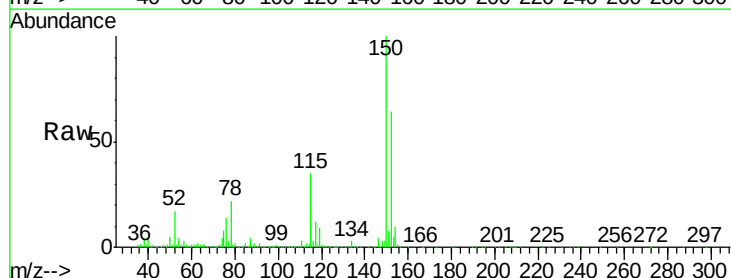
Tgt Ion:152 Resp: 210112

Ion Ratio Lower Upper

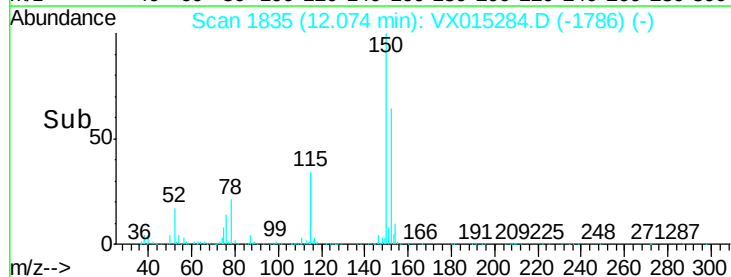
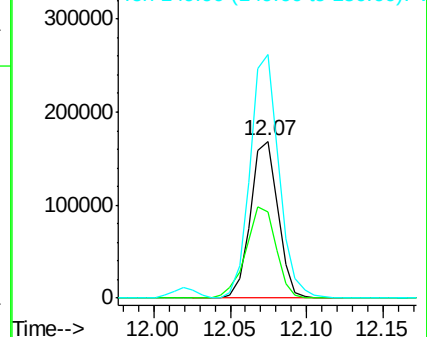
152 100

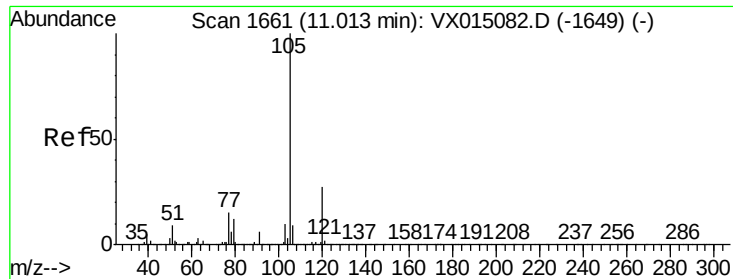
115 63.9 38.2 114.6

150 162.8 0.0 343.8



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





#73

Isopropylbenzene

Concen: 19.777 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampled :

VX0316WBS01

Tot Ion:105 Resp: 265453

Ion Ratio Lower Upper

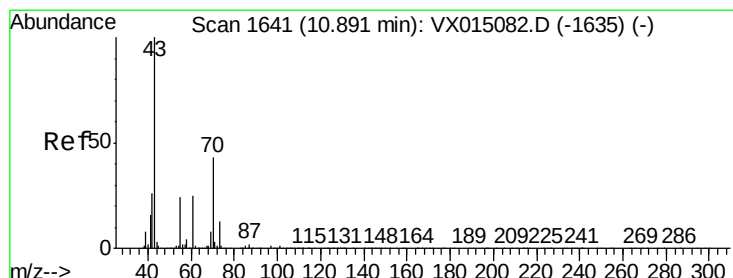
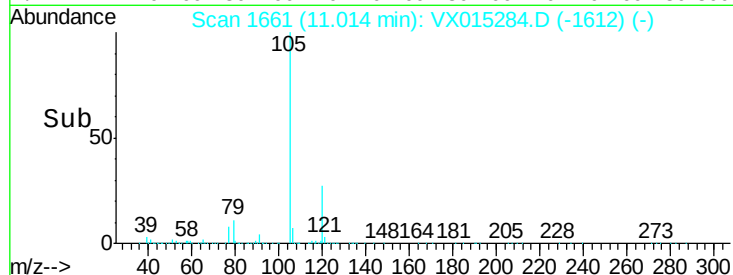
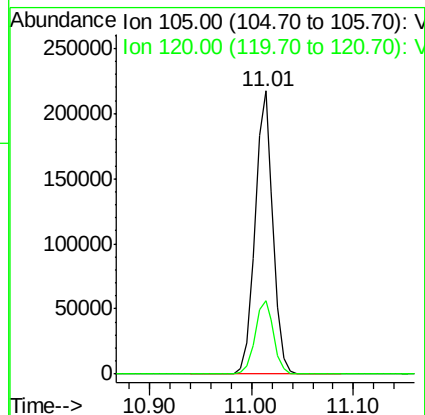
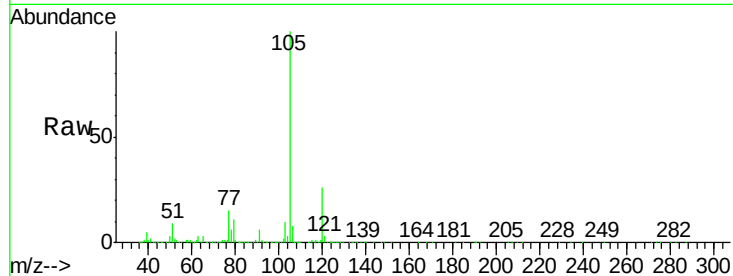
105 100

120 27.3 13.5 40.5

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#74

N-ethyl acetate

Concen: 19.098 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion: 43 Resp: 108031

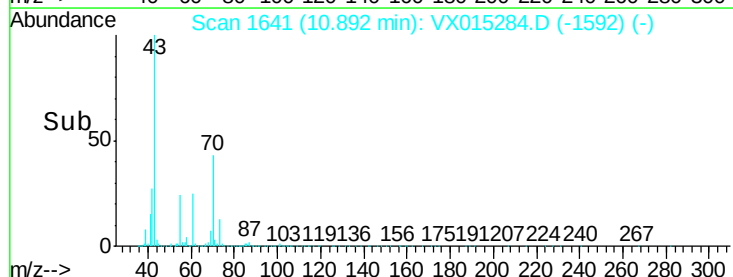
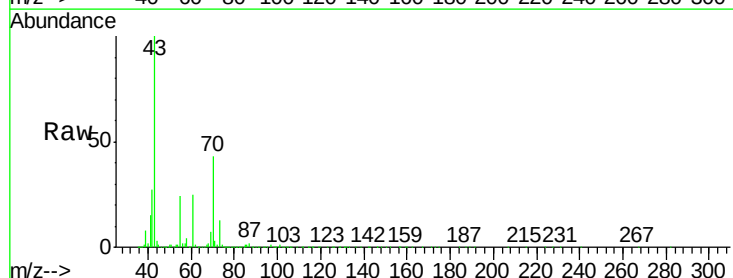
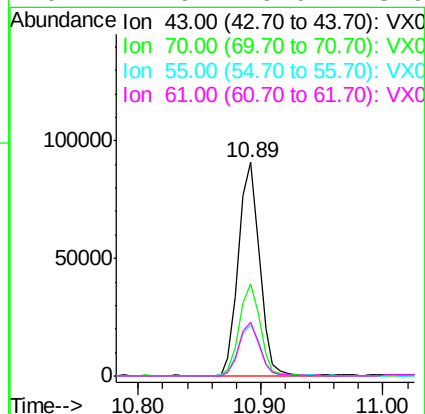
Ion Ratio Lower Upper

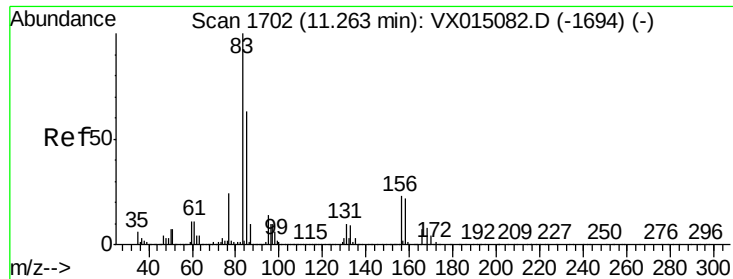
43 100

70 42.6 34.7 52.1

55 24.7 19.4 29.0

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.629 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

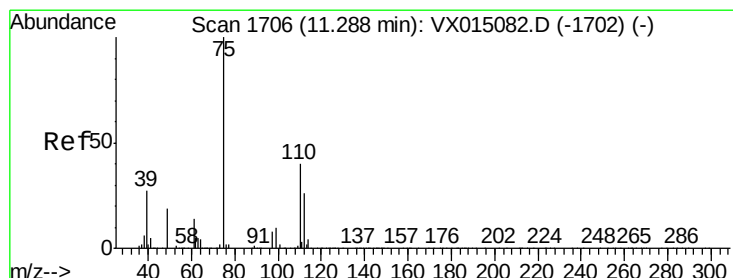
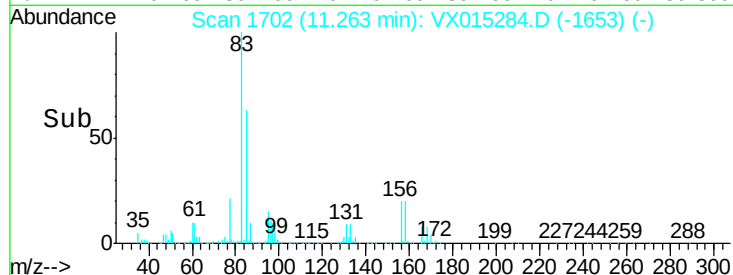
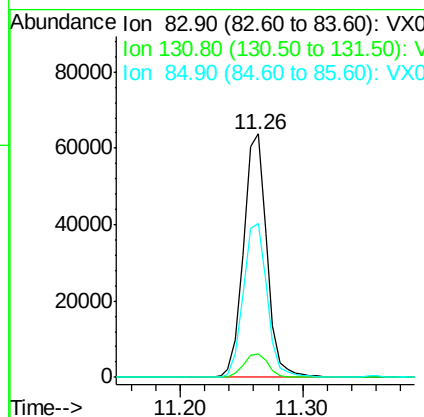
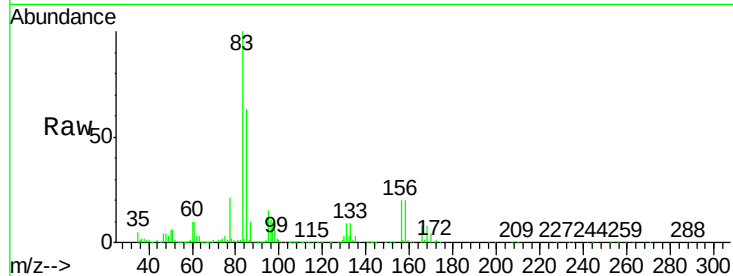
ClientSampled :

VX0316WBS01

Tot Ion:	83	Resp:	83330
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.5	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 17.194 ug/l m

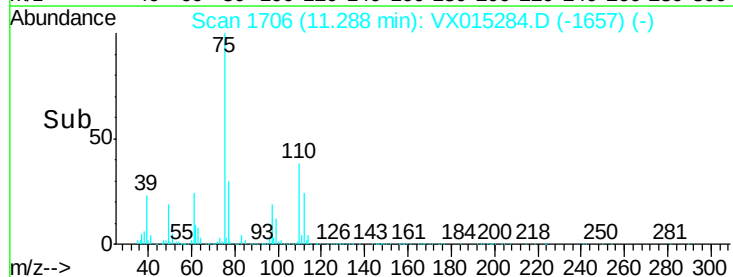
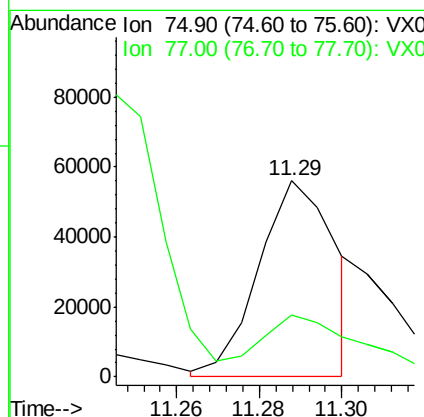
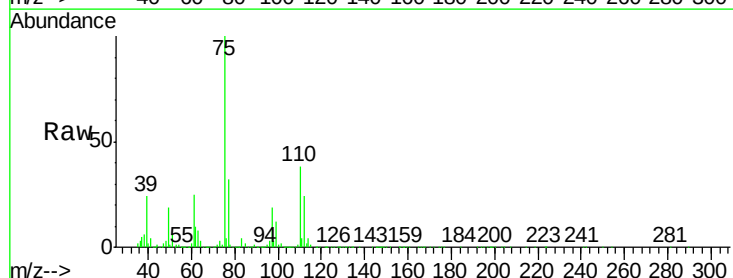
RT: 11.29 min Scan# 1706

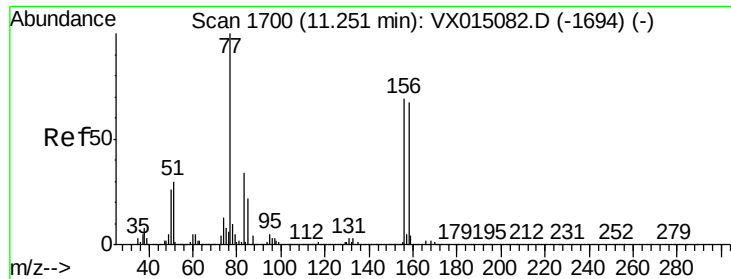
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	75	Resp:	72061
Ion Ratio	Lower	Upper	
75	100		
77	42.2	22.6	67.8





#77

Bromobenzene

Concen: 18.606 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

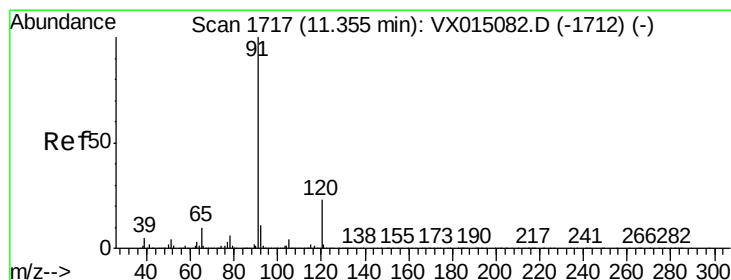
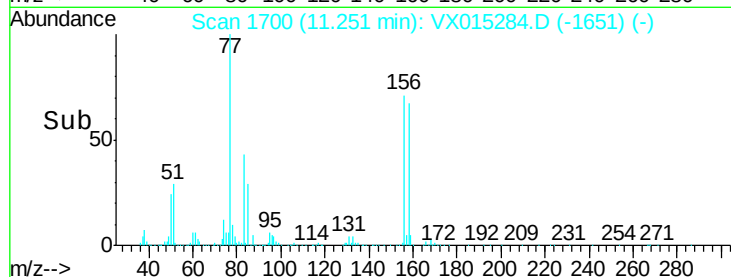
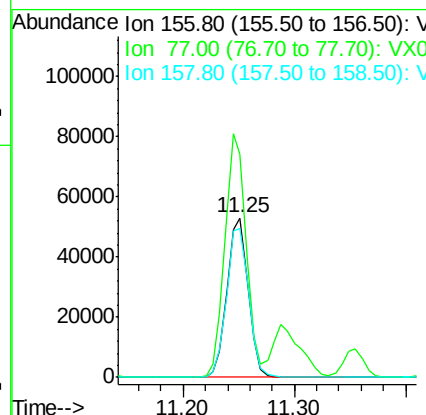
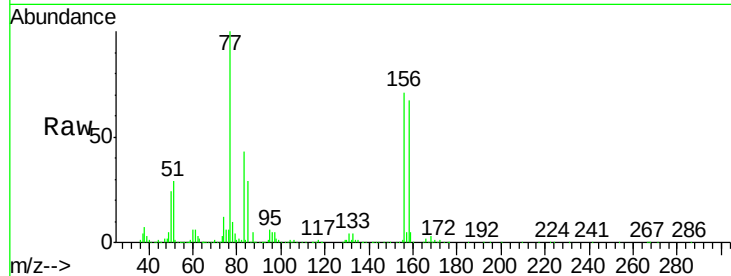
ClientSampled :

VX0316WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.9	75.3	225.9
158	98.1	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.136 ug/l

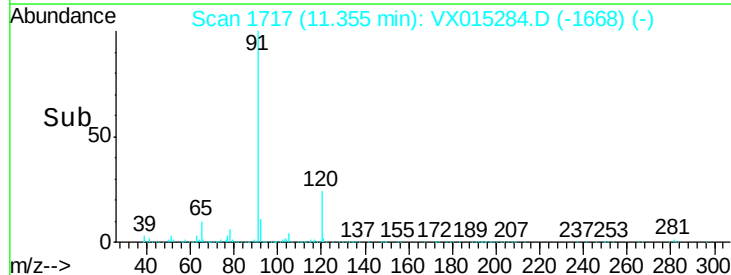
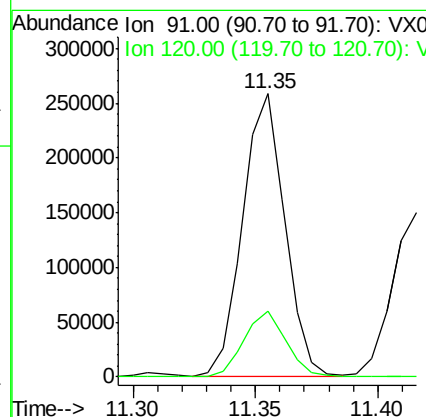
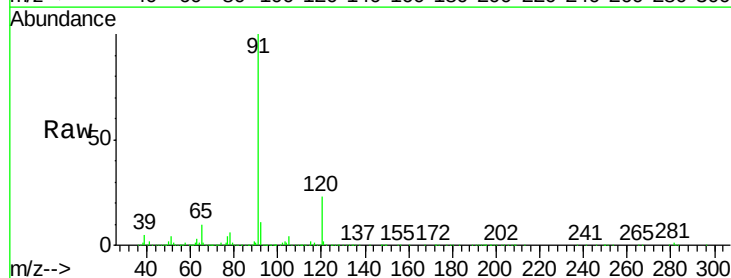
RT: 11.35 min Scan# 1717

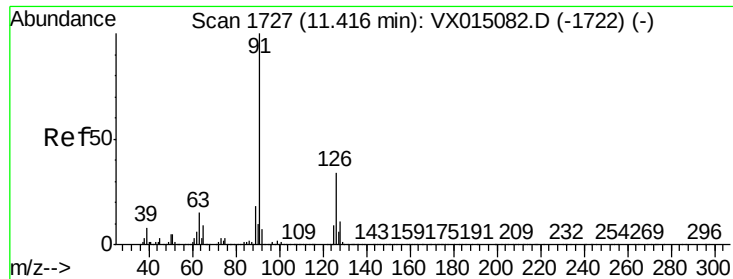
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.1





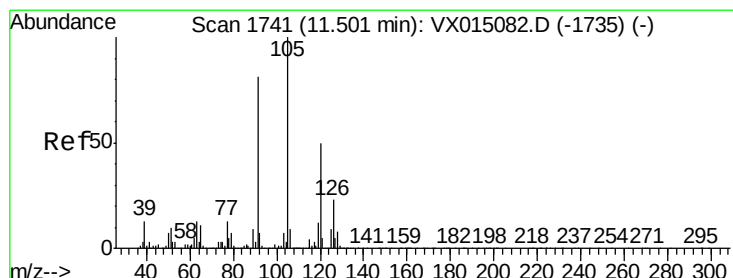
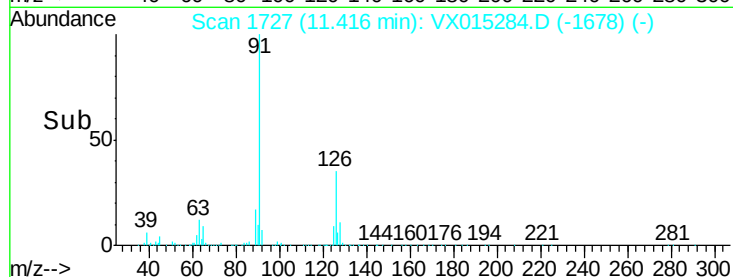
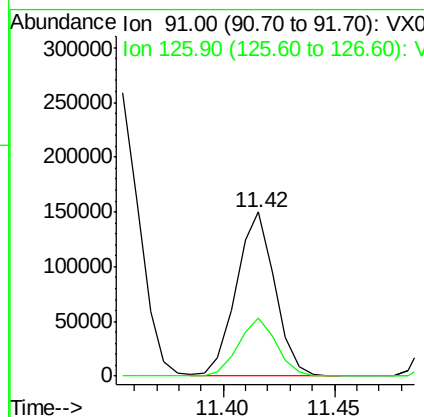
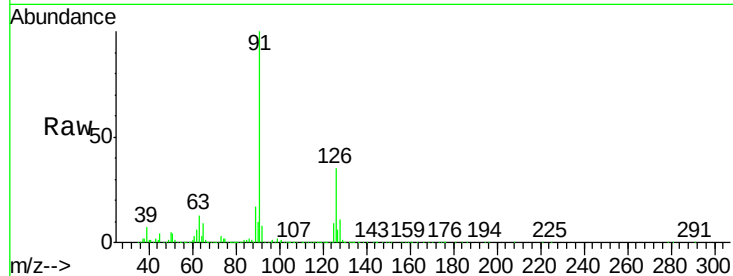
#79
 2-Chlorotoluene
 Concen: 19.632 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Tot Ion: 91 Resp: 179784
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0

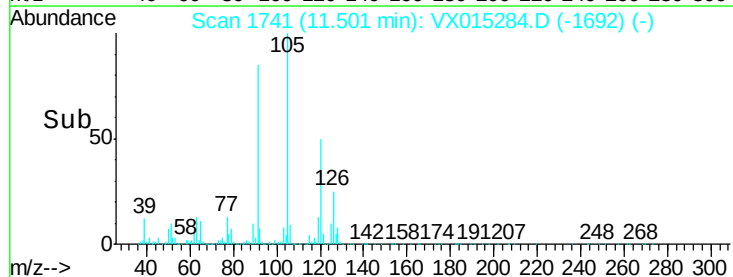
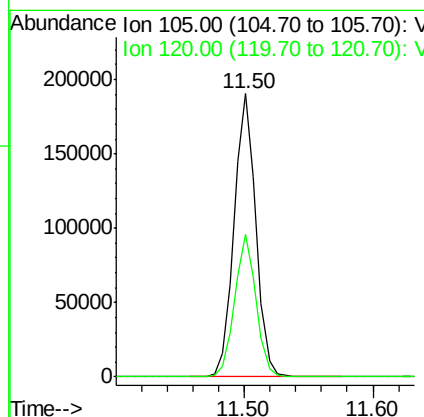
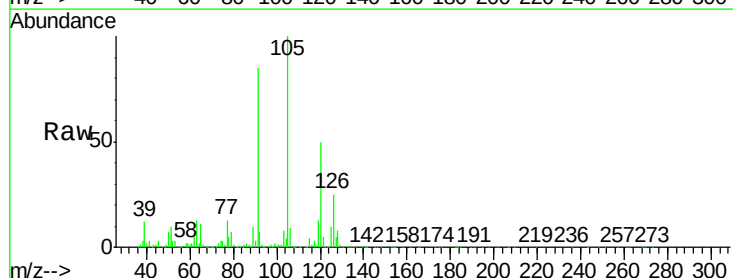
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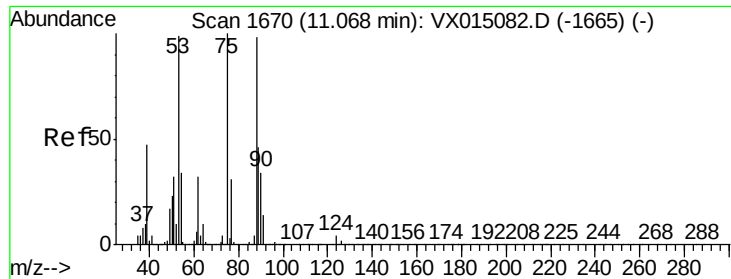
MMDadoda
 3/17/2020 12:11:19 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.059 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion: 105 Resp: 224130
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.353 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

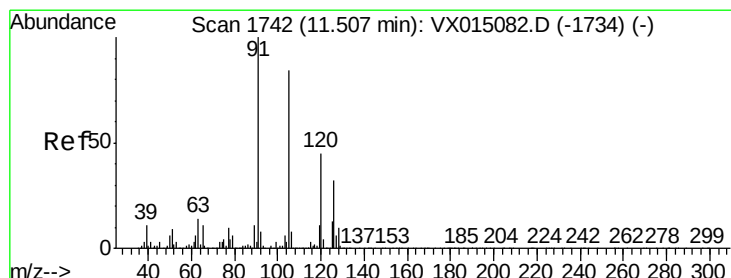
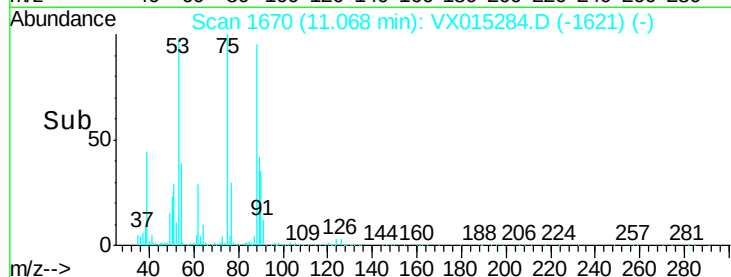
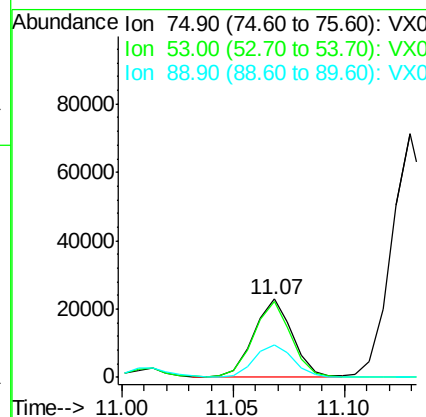
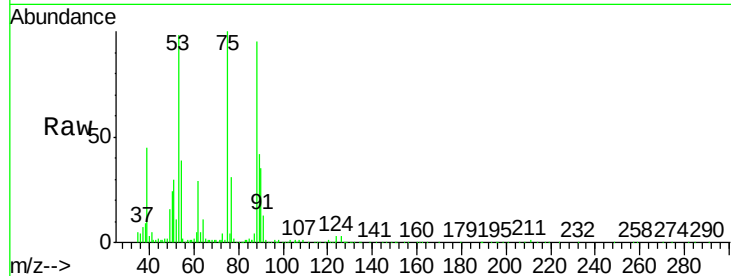
ClientSampleId :

VX0316WBS01

Tot Ion:	75	Resp:	27103
Ion Ratio	Lower	Upper	
75	100		
53	95.8	77.9	116.9
89	42.8	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.626 ug/l

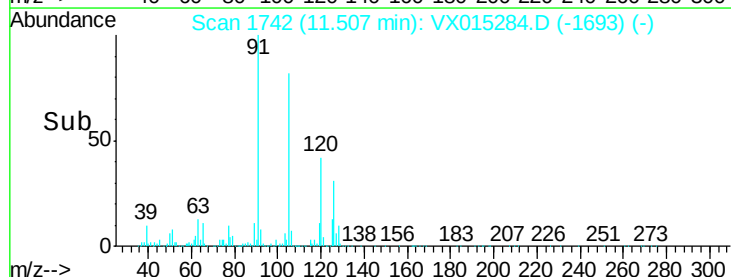
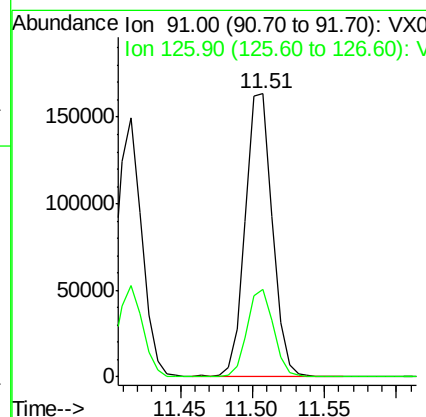
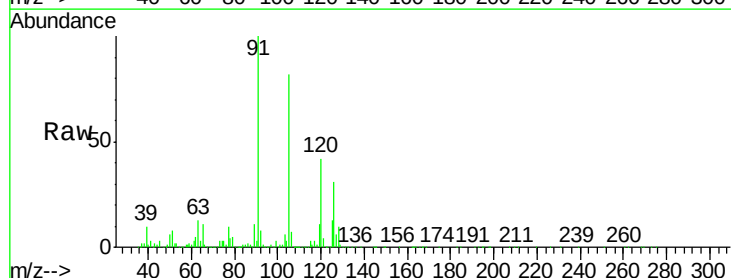
RT: 11.51 min Scan# 1742

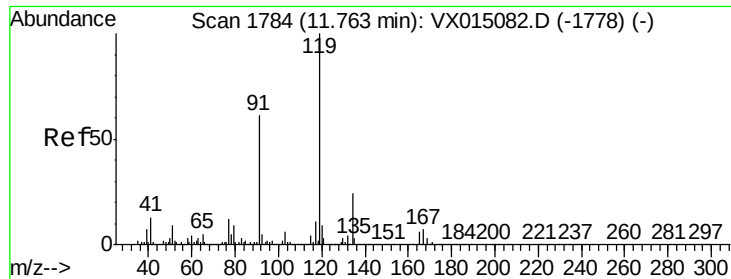
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion:	91	Resp:	212340
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.4	46.2





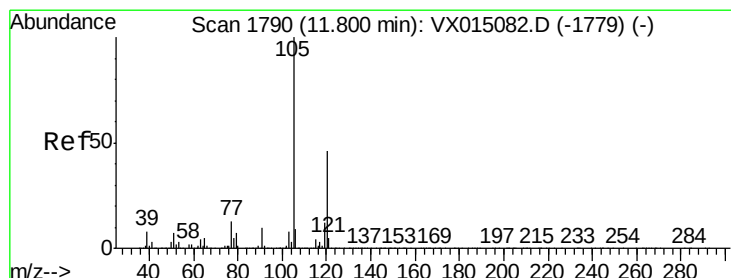
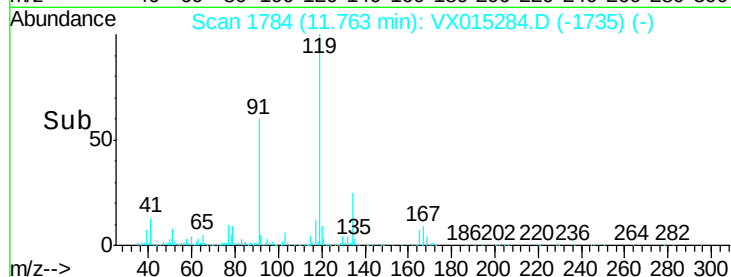
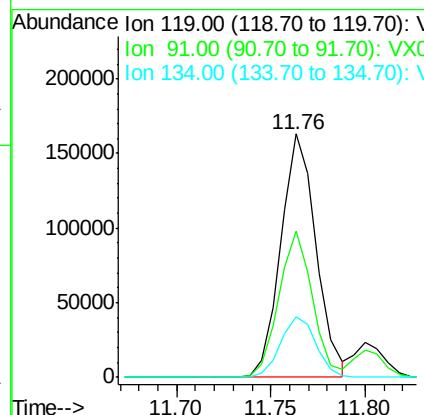
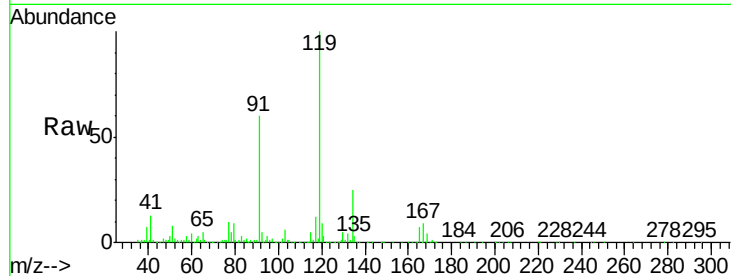
#83
tert-Butylbenzene
Concen: 19.582 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211561		
91	57.1	28.5	85.6	
134	25.1	11.9	35.7	

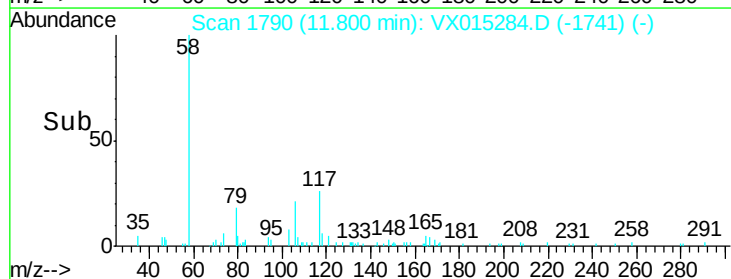
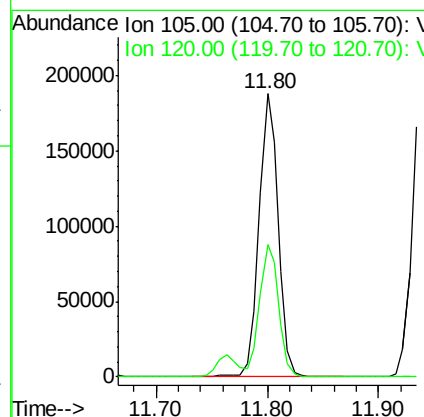
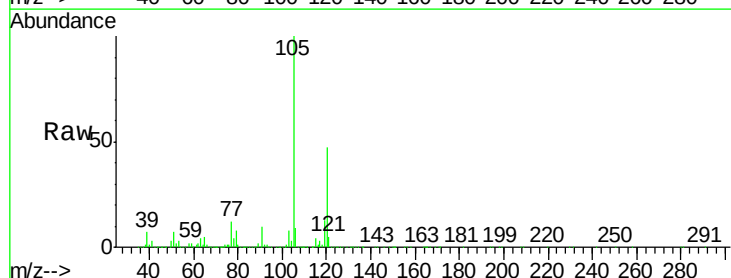
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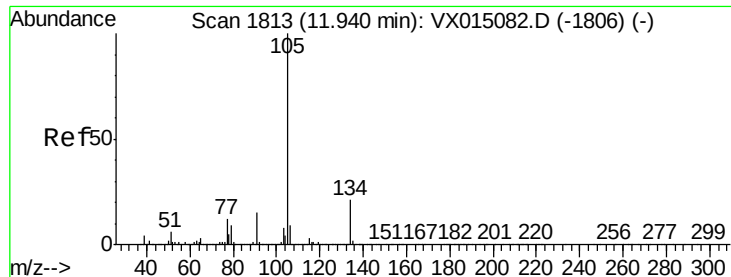
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#84
1,2,4-Trimethylbenzene
Concen: 20.042 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224969		
120	46.1	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.217 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0316WBS01

Tot Ion:105 Resp: 263670

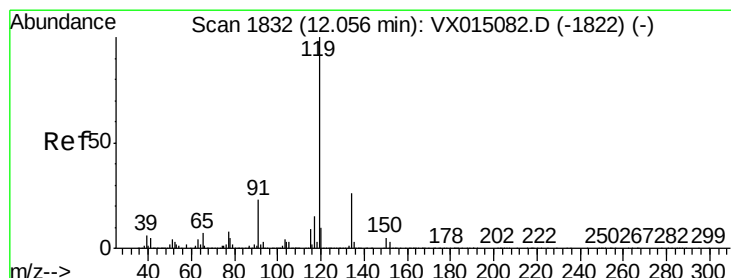
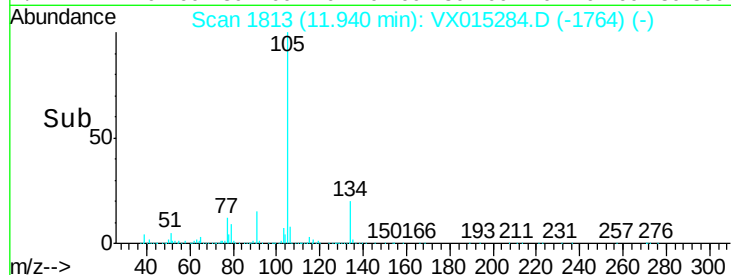
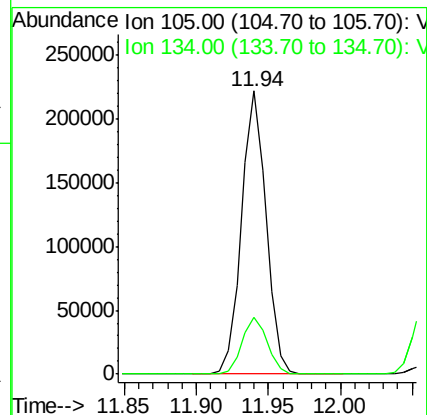
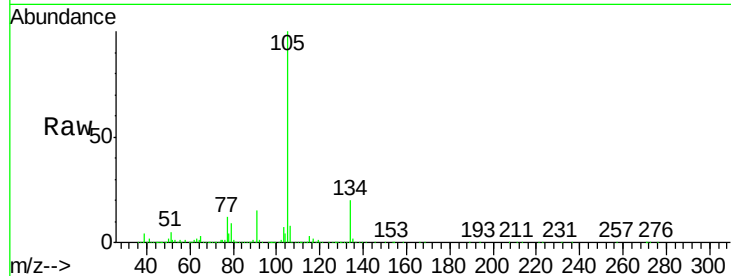
Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 20.106 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

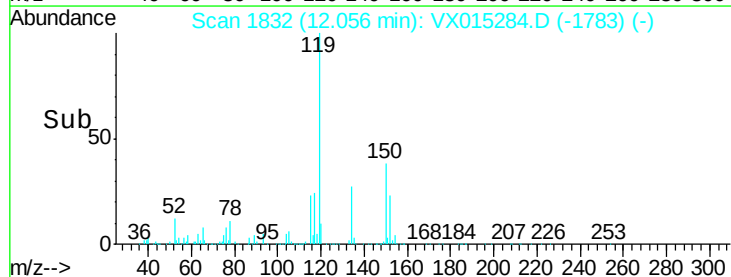
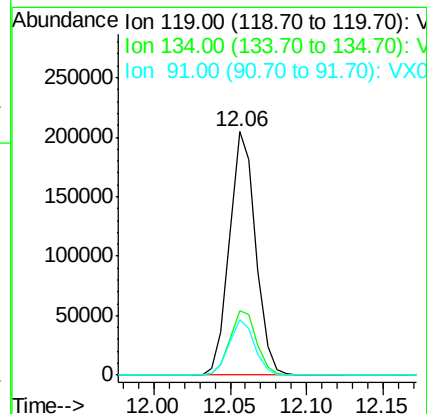
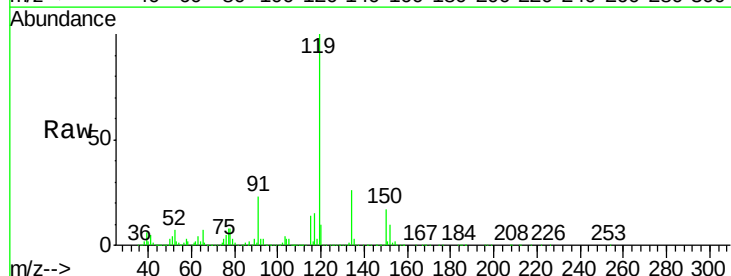
Tgt Ion:119 Resp: 241596

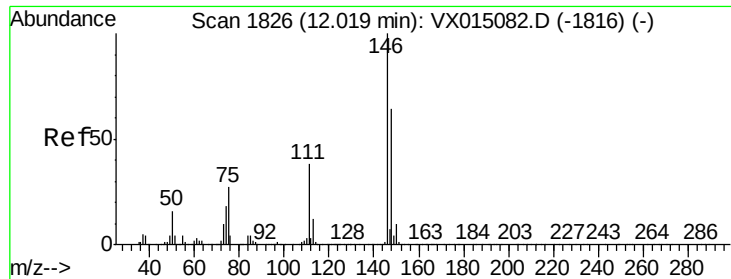
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.124 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

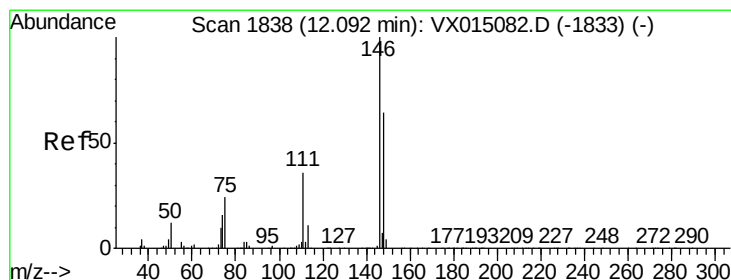
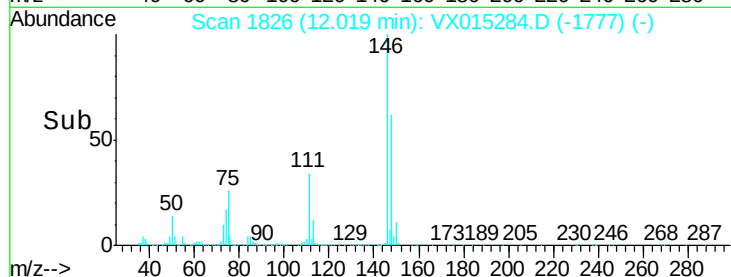
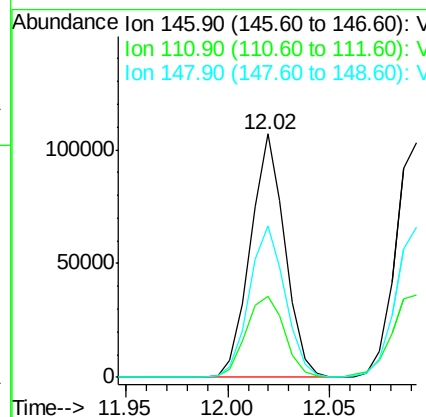
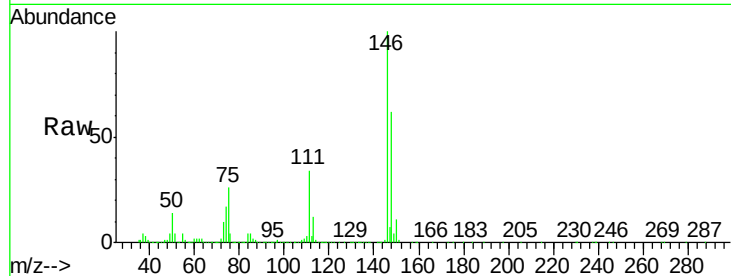
Instrument :
MSVOA_X

ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.1
148	64.6	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.024 ug/l

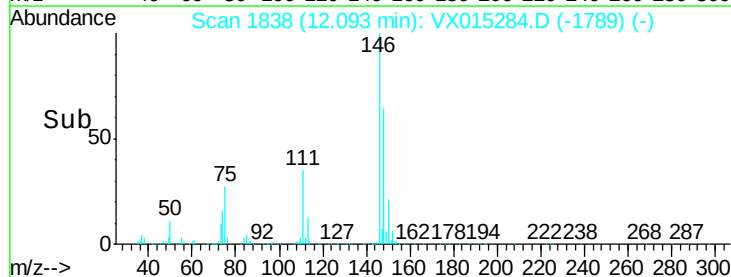
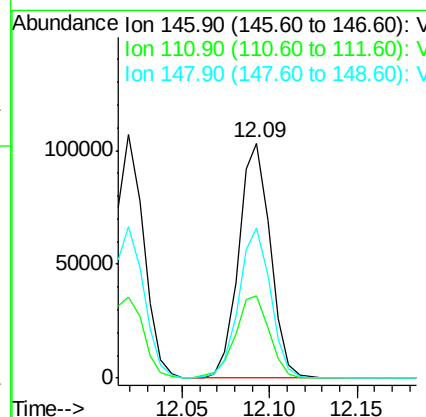
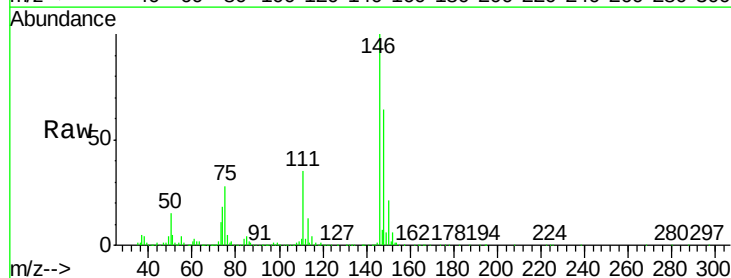
RT: 12.09 min Scan# 1838

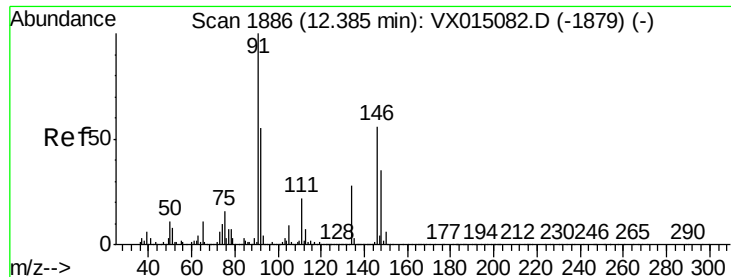
Delta R.T. 0.00 min

Lab File: VX015284.D

Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	64.4	32.5	97.4





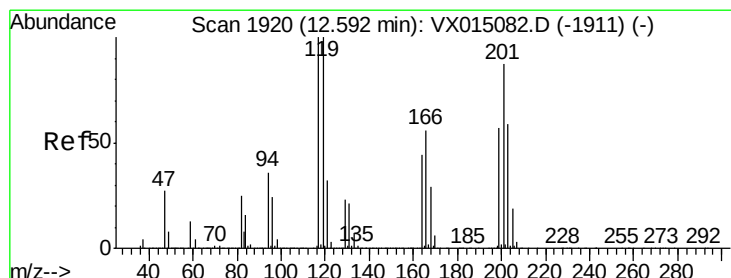
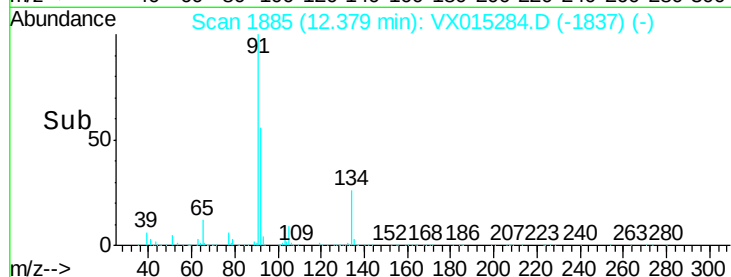
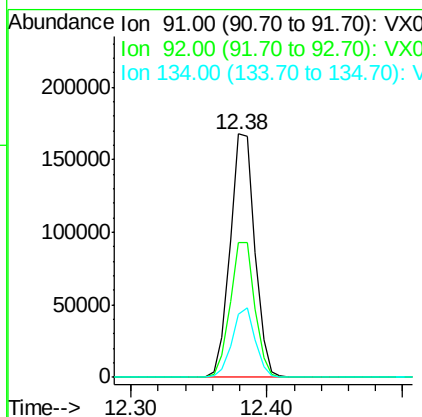
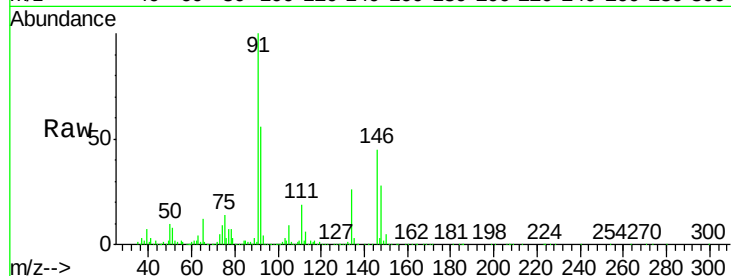
#89
n-Butylbenzene
Concen: 19.774 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.2	81.6
134	26.9	13.5	40.5

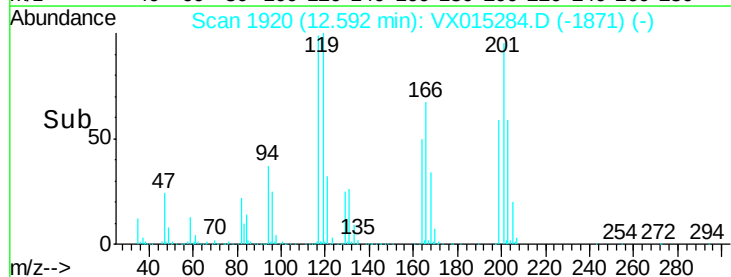
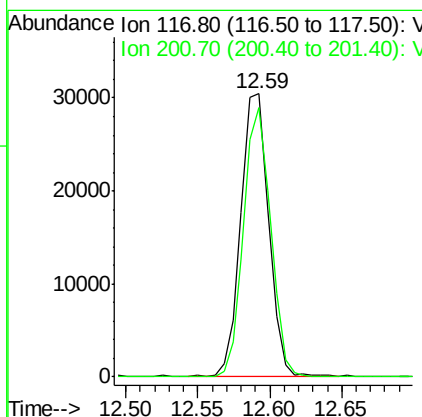
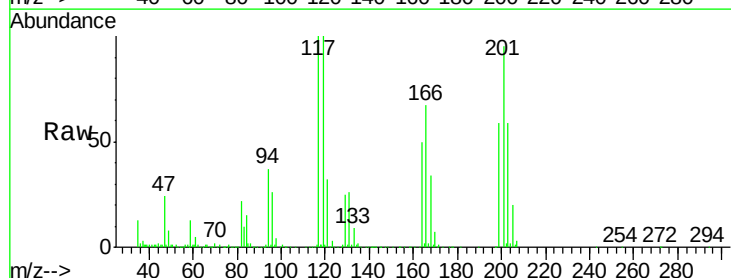
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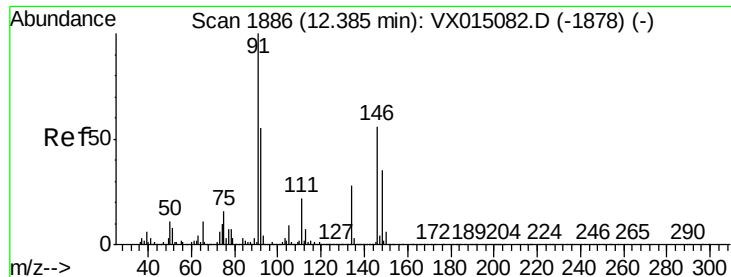
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#90
Hexachloroethane
Concen: 18.171 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.4	43.5	130.7





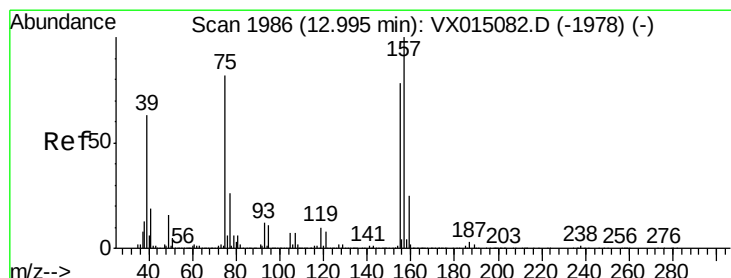
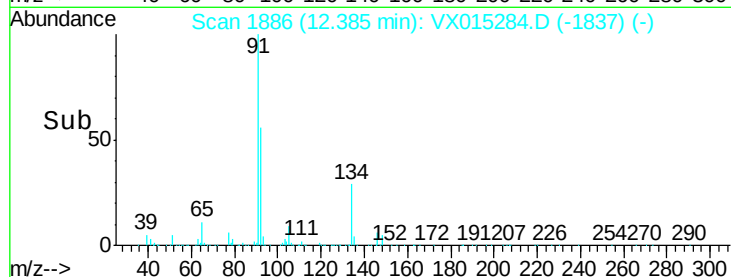
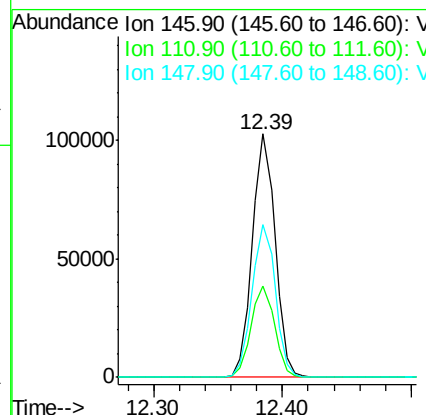
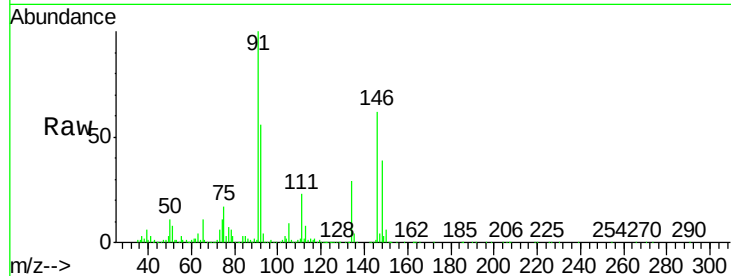
#91
 1,2-Dichlorobenzene
 Concen: 19.089 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	124800		
111	39.1	19.9	59.7	
148	64.6	32.3	96.8	

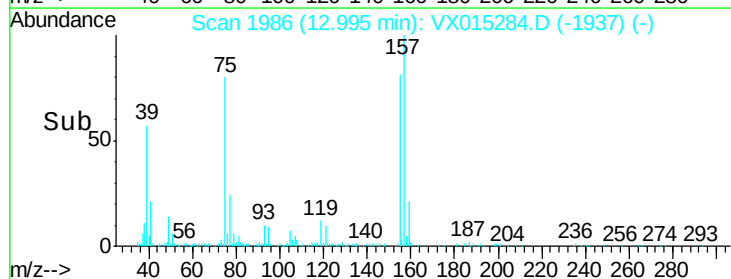
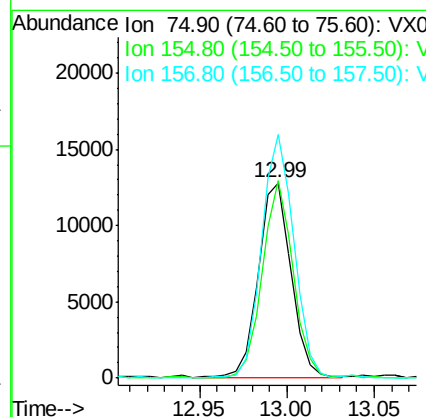
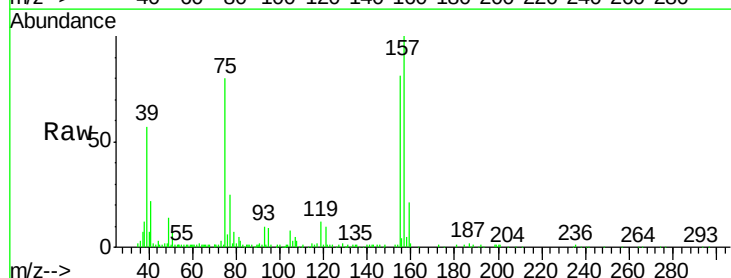
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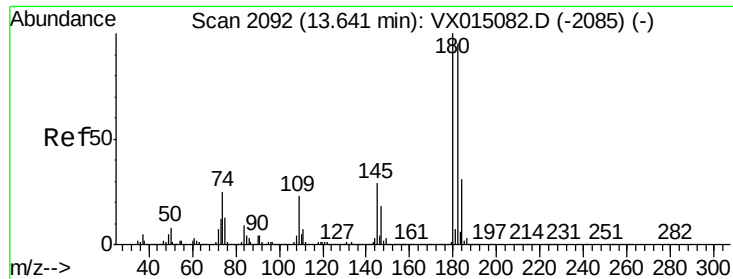
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.686 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015284.D
 Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16737		
155	94.6	46.6	139.7	
157	122.5	59.2	177.5	





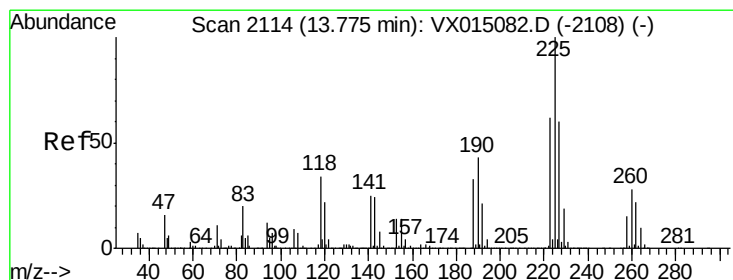
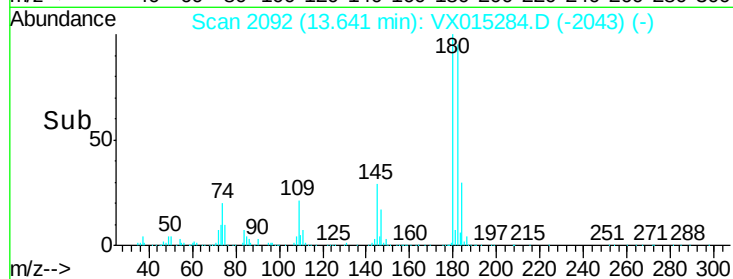
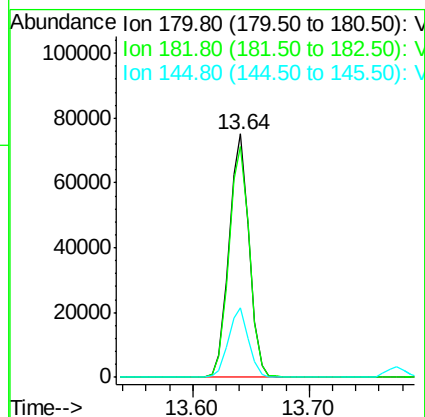
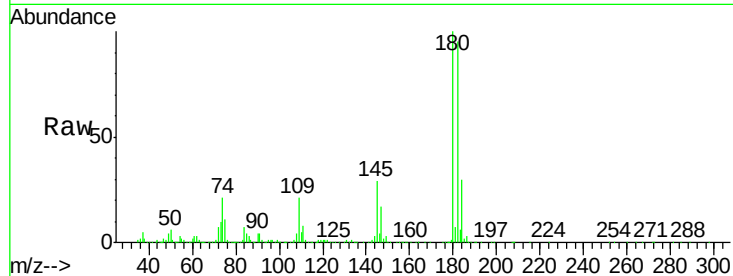
#93
1,2,4-Trichlorobenzene
Concen: 19.755 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.8
145	28.5	14.1	42.2

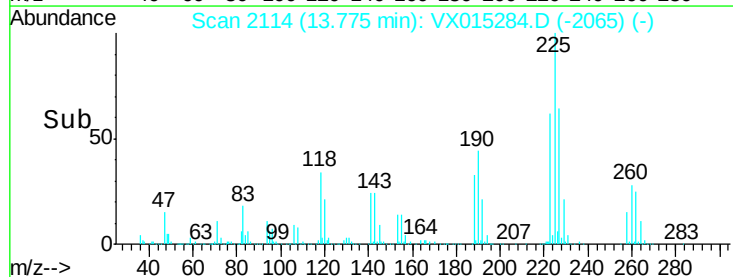
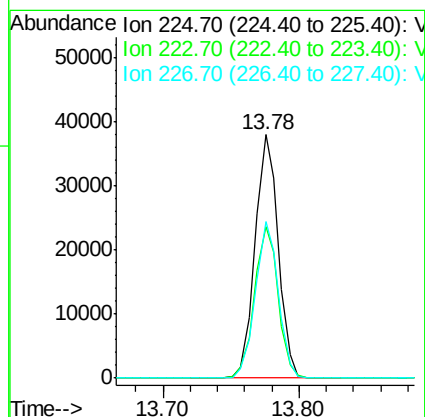
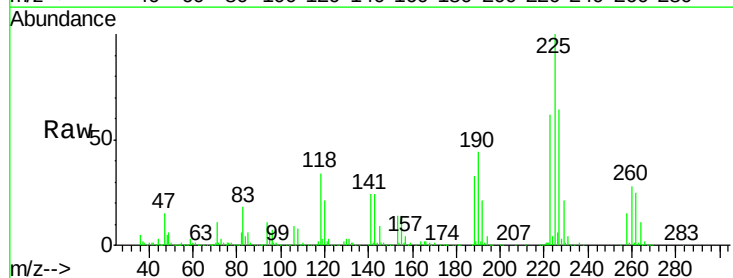
Manual Integrations
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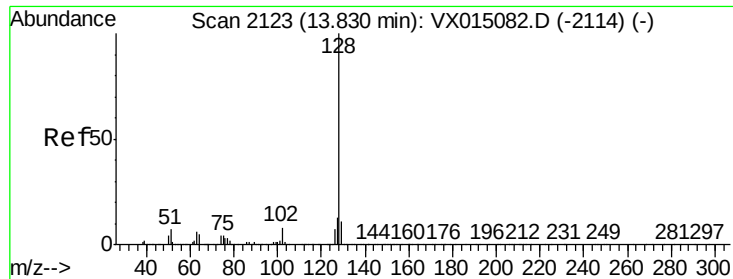
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#94
Hexachlorobutadiene
Concen: 19.566 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.3	93.9
227	63.6	31.1	93.2





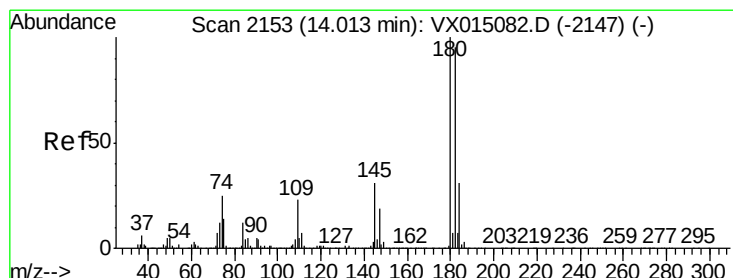
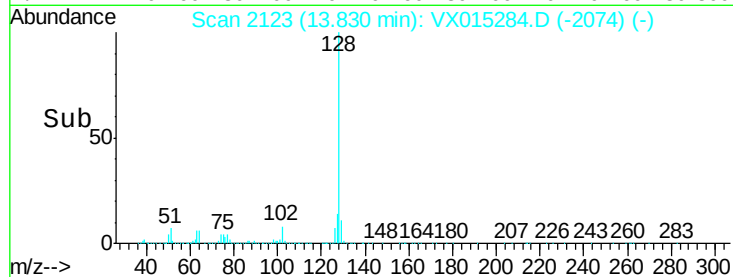
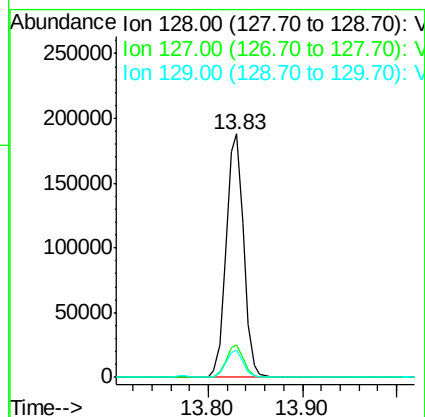
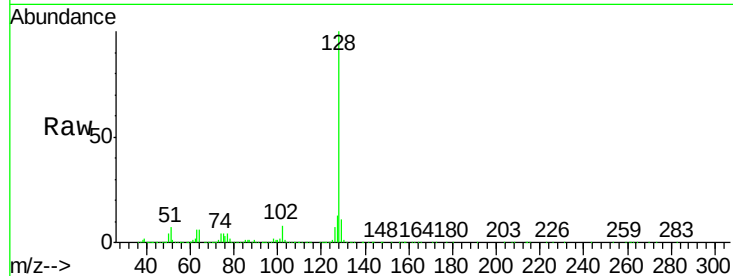
#95
Naphthalene
Concen: 18.197 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0316WBS01

Tot Ion:	128	Resp:	240148
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/17/2020 12:11:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.827 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015284.D
Acq: 16 Mar 2020 11:15

Tgt Ion:	180	Resp:	89774
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.8	143.4
145	30.3	15.1	45.3

