

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015789.D
 Acq On : 21 Apr 2020 13:15
 Operator : JC/SP
 Sample : VX0421WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:22 AM

Quant Time: Apr 21 16:35:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	955077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1424107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1313940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	703593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	627697	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	478213	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	8.70	98	1774586	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.12	95	722158	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	121560	14.447	ug/l 100
3) Chloromethane	1.31	50	135097	12.607	ug/l 97
4) Vinyl Chloride	1.39	62	158179	16.076	ug/l 99
5) Bromomethane	1.63	94	70862	8.990	ug/l 89
6) Chloroethane	1.71	64	105529	17.293	ug/l 98
7) Trichlorofluoromethane	1.92	101	225599	17.097	ug/l 97
8) Diethyl Ether	2.17	74	99358	17.852	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156984	18.249	ug/l 95
10) Methyl Iodide	2.49	142	101831	8.780	ug/l 96
11) Tert butyl alcohol	3.01	59	223043	69.178	ug/l 100
12) 1,1-Dichloroethene	2.36	96	148225	16.439	ug/l 97
13) Acrolein	2.27	56	168415	91.697	ug/l 100
14) Allyl chloride	2.71	41	325495	15.449	ug/l 99
15) Acrylonitrile	3.11	53	524170	85.248	ug/l 100
16) Acetone	2.42	43	517157	89.363	ug/l 98
17) Carbon Disulfide	2.55	76	435933	15.848	ug/l 100
18) Methyl Acetate	2.75	43	259605	17.576	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	607402	17.369	ug/l 98
20) Methylene Chloride	2.83	84	183736	16.998	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	166049	16.593	ug/l 97
22) Diisopropyl ether	3.83	45	650843	17.433	ug/l 94
23) Vinyl Acetate	3.78	43	2876776	85.106	ug/l 99
24) 1,1-Dichloroethane	3.67	63	322237	16.393	ug/l 99
25) 2-Butanone	4.63	43	759393	81.594	ug/l 100
26) 2,2-Dichloropropane	4.55	77	278639	17.270	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	202690	17.507	ug/l 98
28) Bromochloromethane	4.98	49	154501	16.462	ug/l 96
29) Tetrahydrofuran	5.09	42	482676	80.672	ug/l 99
30) Chloroform	5.18	83	323730	17.118	ug/l 97
31) Cyclohexane	5.55	56	278907	16.356	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	285666	16.691	ug/l 99
36) 1,1-Dichloropropene	5.77	75	240319	18.315	ug/l 97
37) Ethyl Acetate	4.79	43	288808	16.904	ug/l 98
38) Carbon Tetrachloride	5.76	117	247523	17.416	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	278024	18.377	ug/l	97
40) Benzene	6.11	78	704152	18.320	ug/l	98
41) Methacrylonitrile	5.00	41	166910	17.599	ug/l	96
42) 1,2-Dichloroethane	6.17	62	278609	18.046	ug/l	97
43) Isopropyl Acetate	6.41	43	499873	17.332	ug/l	99
44) Trichloroethene	7.19	130	201659	19.237	ug/l	100
45) 1,2-Dichloropropane	7.49	63	196289	18.668	ug/l	100
46) Dibromomethane	7.64	93	122264	17.726	ug/l	92
47) Bromodichloromethane	7.88	83	254283	17.302	ug/l	95
48) Methyl methacrylate	7.75	41	250195	17.367	ug/l	97
49) 1,4-Dioxane	7.72	88	82586	307.303	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1482520	90.701	ug/l	99
52) Toluene	8.76	92	451735	19.063	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	293143	17.007	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	317037	18.056	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	190446	19.616	ug/l	98
56) Ethyl methacrylate	9.16	69	306468	17.911	ug/l	96
57) 1,3-Dichloropropane	9.36	76	328798	18.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	675608	81.177	ug/l	100
59) 2-Hexanone	9.47	43	1104452	89.500	ug/l	98
60) Dibromochloromethane	9.56	129	213007	18.258	ug/l	100
61) 1,2-Dibromoethane	9.65	107	201055	19.045	ug/l	98
64) Tetrachloroethene	9.32	164	186499	18.808	ug/l	93
65) Chlorobenzene	10.12	112	500430	19.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	190100	18.159	ug/l	99
67) Ethyl Benzene	10.24	91	881487	18.967	ug/l	99
68) m/p-Xylenes	10.34	106	657142	37.972	ug/l	99
69) o-Xylene	10.68	106	322569	18.863	ug/l	98
70) Styrene	10.70	104	570682	18.964	ug/l	97
71) Bromoform	10.84	173	162073	17.007	ug/l #	99
73) Isopropylbenzene	11.00	105	871068	18.895	ug/l	98
74) N-amyl acetate	10.88	43	423786	16.528	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	288208	18.219	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	260792m	18.024	ug/l	
77) Bromobenzene	11.24	156	237558	19.319	ug/l	92
78) n-propylbenzene	11.34	91	985589	18.697	ug/l	100
79) 2-Chlorotoluene	11.40	91	596474	18.461	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	744180	18.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88330	14.648	ug/l	94
82) 4-Chlorotoluene	11.49	91	709220	18.724	ug/l	99
83) tert-Butylbenzene	11.76	119	738994	19.216	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	750932	18.717	ug/l	99
85) sec-Butylbenzene	11.93	105	846610	19.035	ug/l	98
86) p-Isopropyltoluene	12.05	119	803507	19.460	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	433014	19.670	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	437891	19.529	ug/l	99
89) n-Butylbenzene	12.37	91	707616	18.964	ug/l	99
90) Hexachloroethane	12.58	117	131382	16.348	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	423389	19.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65089	14.578	ug/l	92

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Instrument :
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ClientSampleId :
VX0421WBSD01

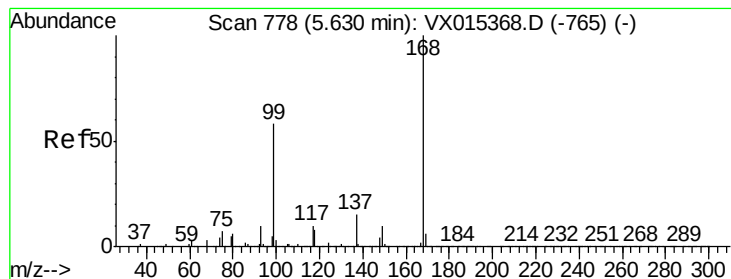
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	337309	19.794	ug/l	98
94) Hexachlorobutadiene	13.77	225	148363	18.286	ug/l	95
95) Naphthalene	13.82	128	995868	19.159	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	333820	20.347	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion:168 Resp: 955077

Ion Ratio Lower Upper

168 100

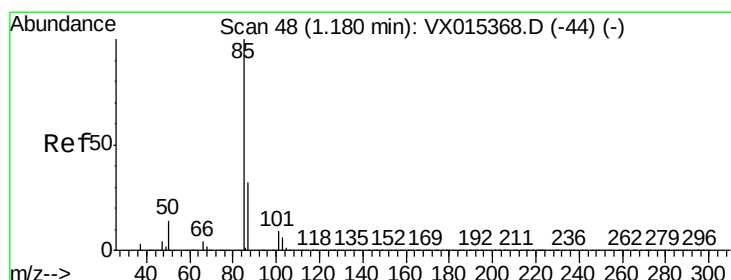
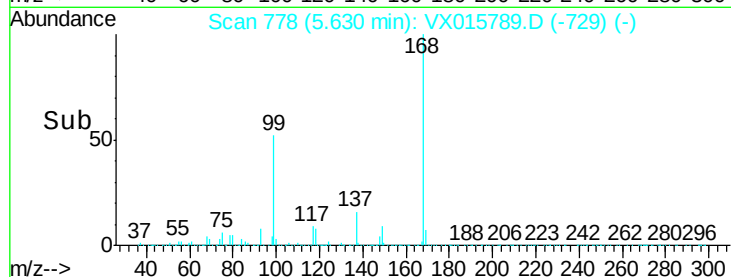
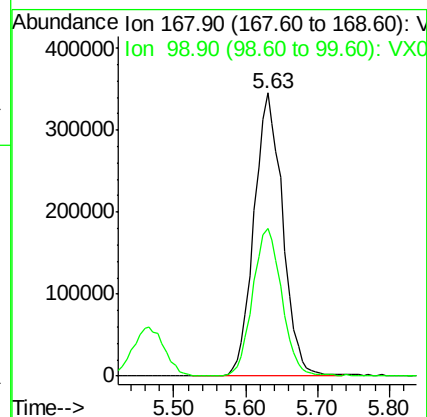
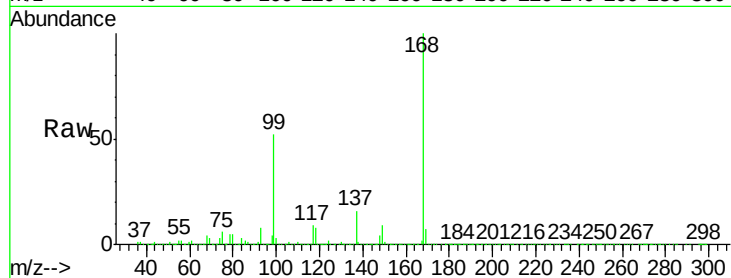
99 52.1 46.4 69.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 14.447 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015789.D

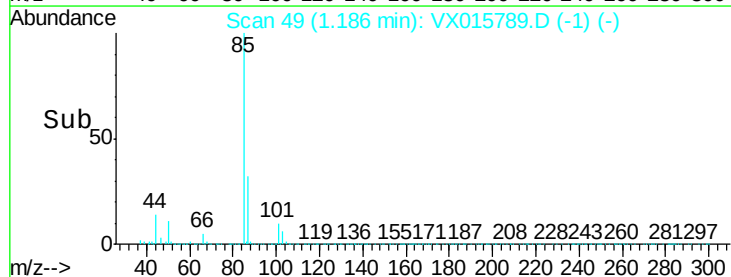
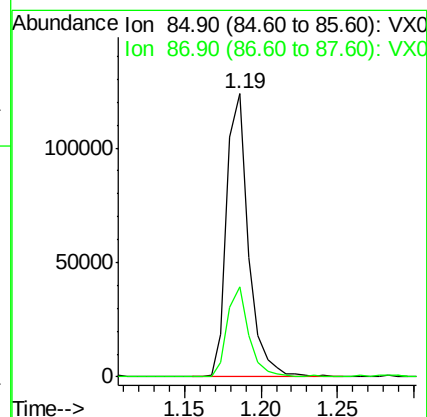
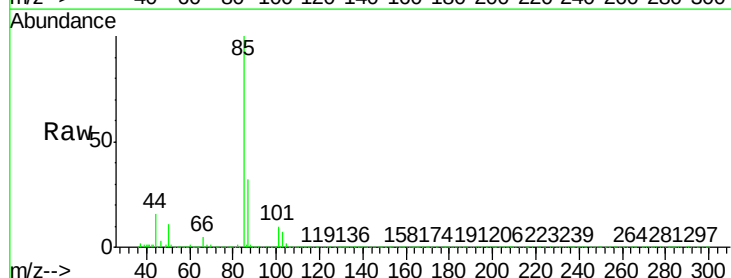
Acq: 21 Apr 2020 13:15

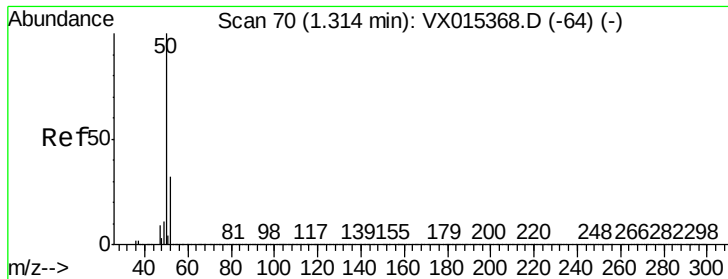
Tgt Ion: 85 Resp: 121560

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9





#3

Chloromethane

Concen: 12.607 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion: 50 Resp: 135097

Ion Ratio Lower Upper

50 100

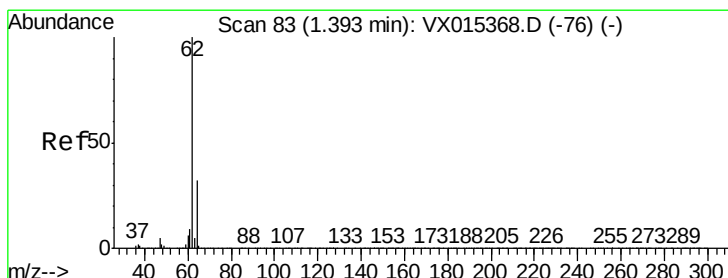
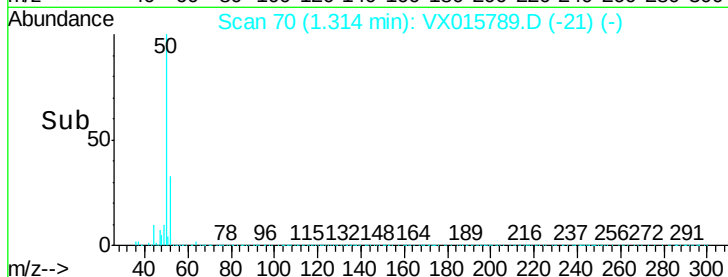
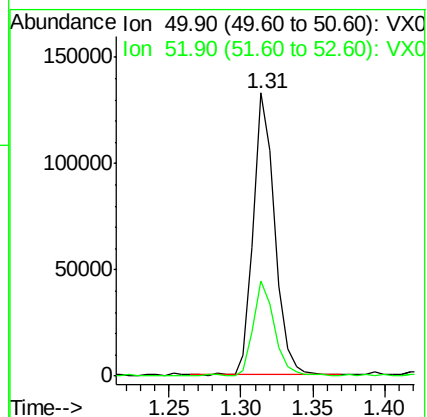
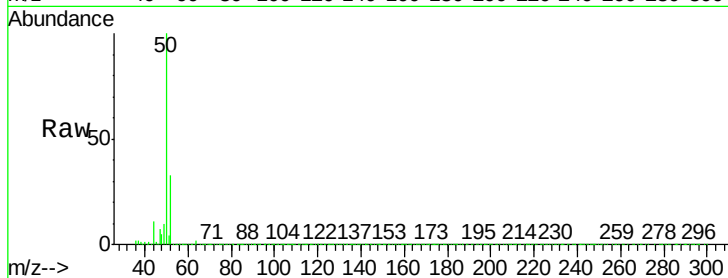
52 33.4 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.076 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015789.D

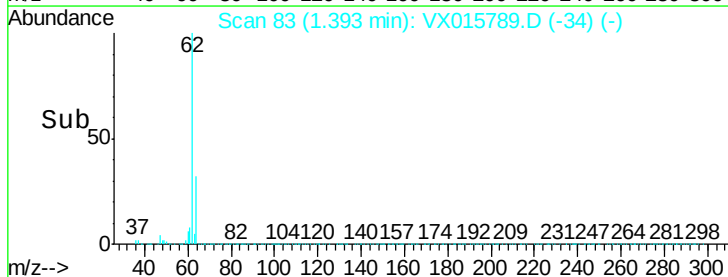
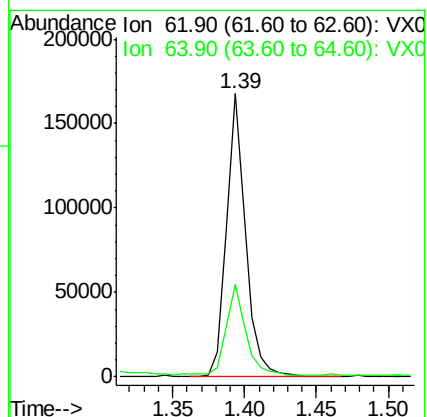
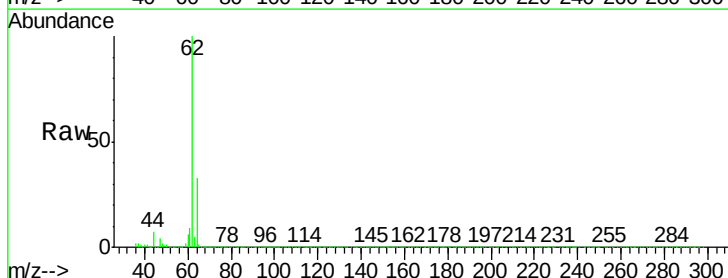
Acq: 21 Apr 2020 13:15

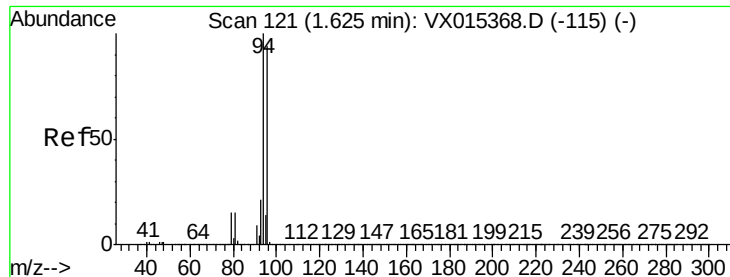
Tgt Ion: 62 Resp: 158179

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 8.990 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion: 94 Resp: 70862

Ion Ratio Lower Upper

94 100

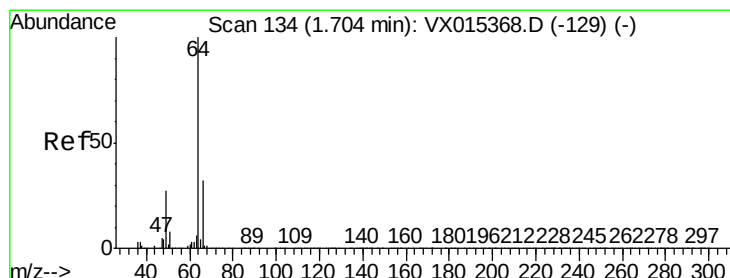
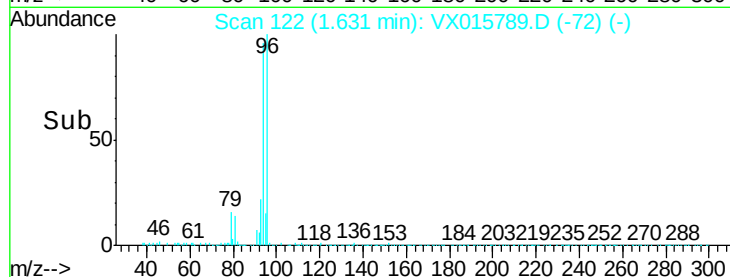
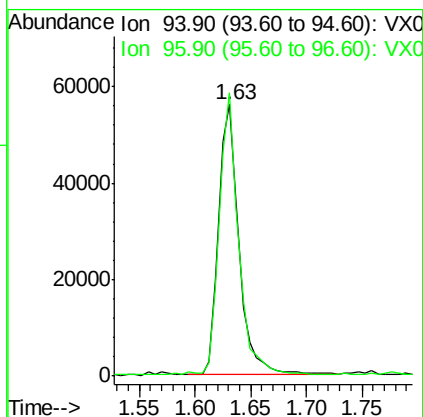
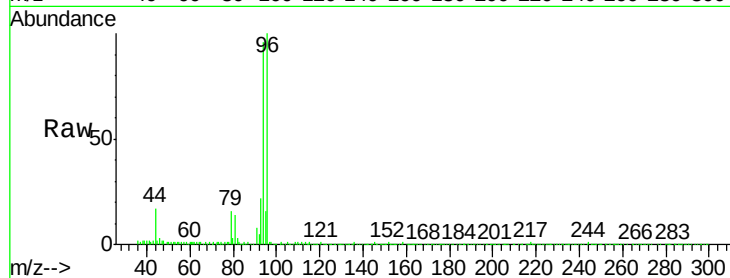
96 104.3 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.293 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015789.D

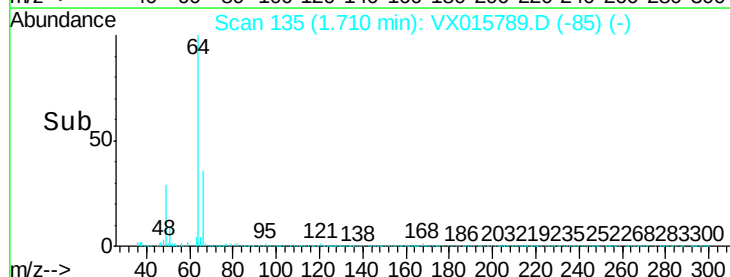
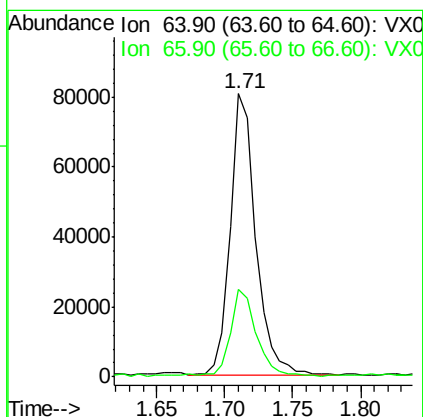
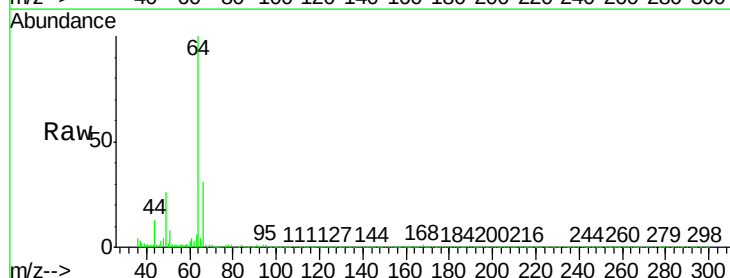
Acq: 21 Apr 2020 13:15

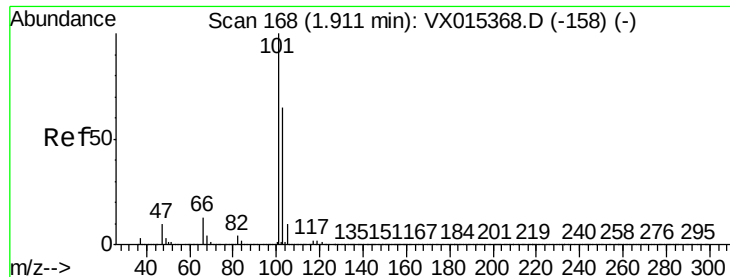
Tgt Ion: 64 Resp: 105529

Ion Ratio Lower Upper

64 100

66 30.5 25.4 38.2





#7

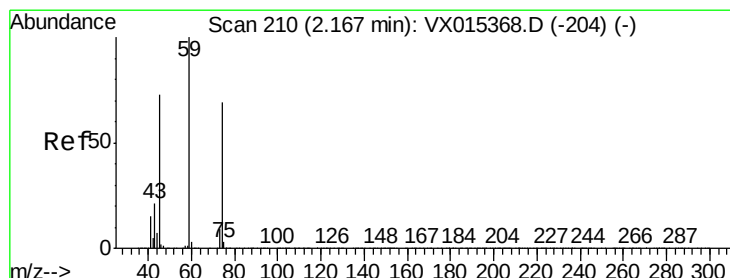
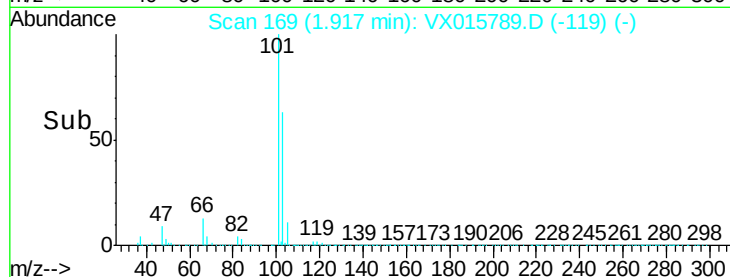
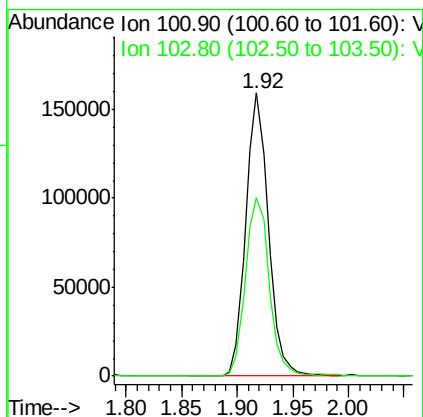
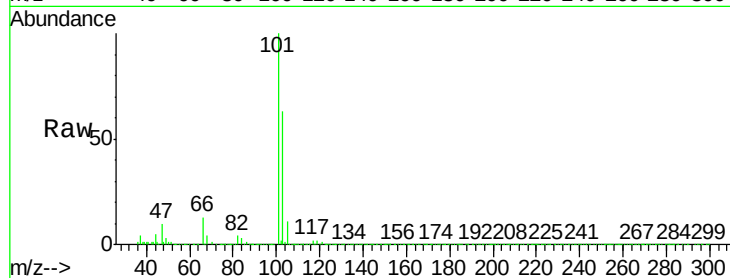
Trichlorofluoromethane
Concen: 17.097 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

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ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	225599		
103	62.8	52.3	78.5	

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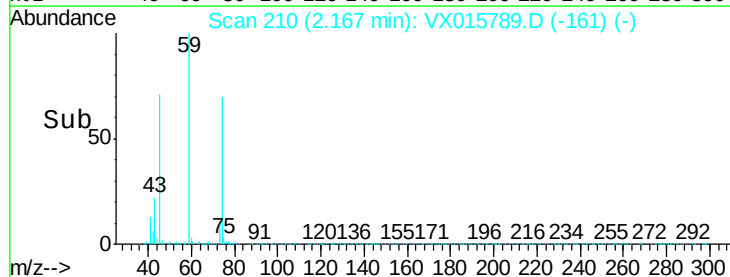
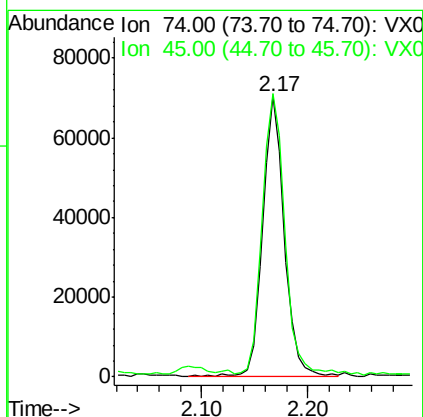
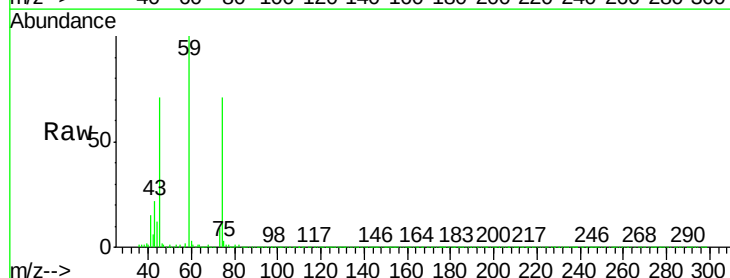
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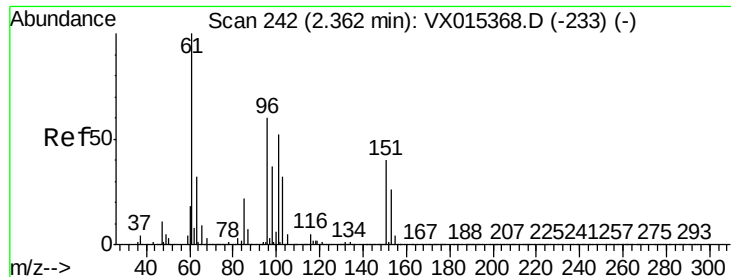


#8

Diethyl Ether
Concen: 17.852 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	99358		
45	105.6	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.249 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

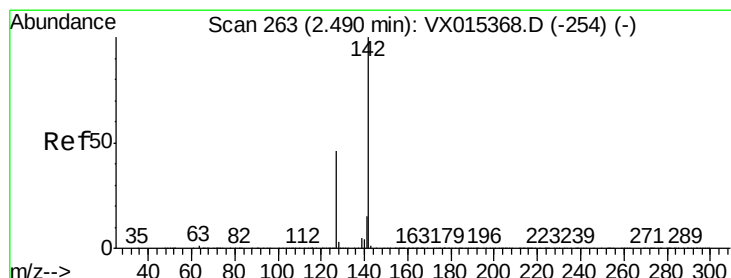
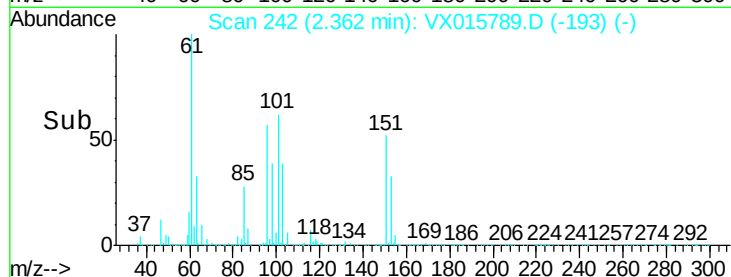
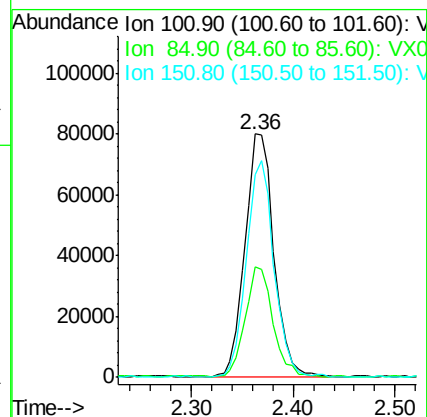
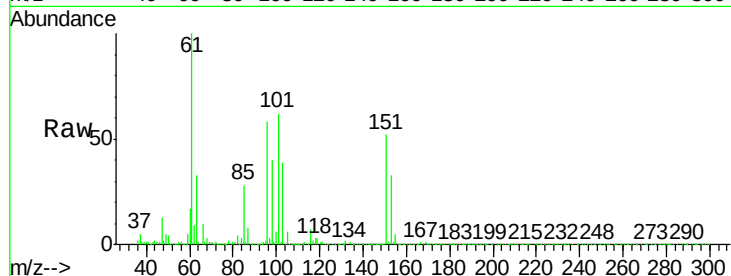
ClientSampleID :

VX0421WBSD01

Tot Ion:	101	Resp:	156984
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.0	52.4
151	86.1	64.1	96.1

Manual Integrations
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4/22/2020 10:02:22 AM



#10

Methyl Iodide

Concen: 8.780 ug/l

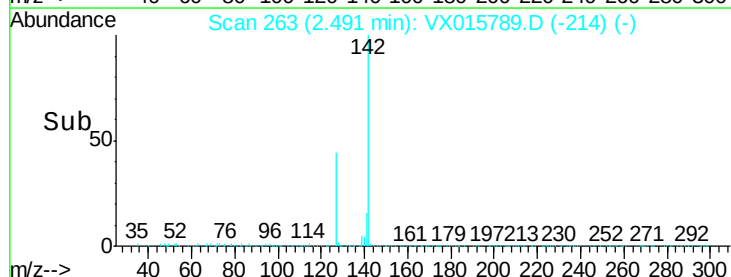
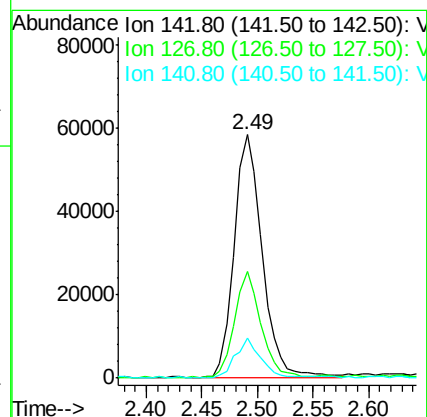
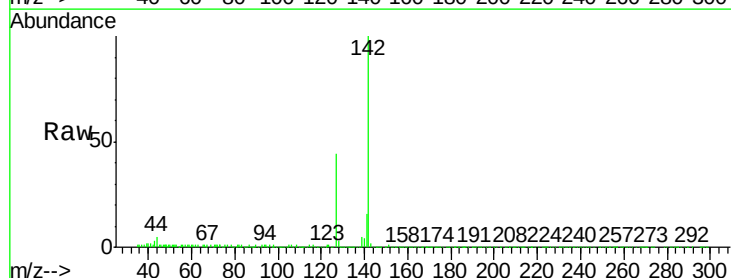
RT: 2.49 min Scan# 263

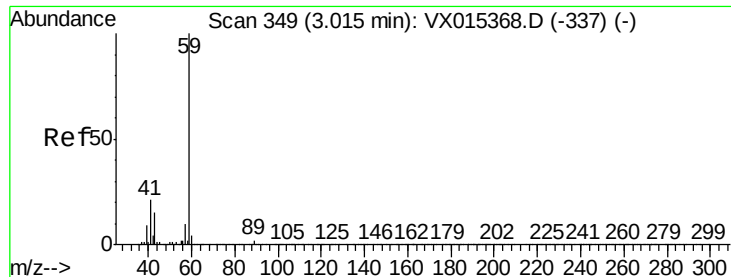
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	142	Resp:	101831
Ion Ratio	Lower	Upper	
142	100		
127	41.3	35.9	53.9
141	14.3	11.6	17.4





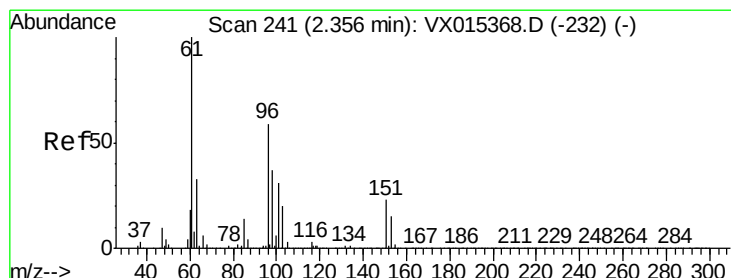
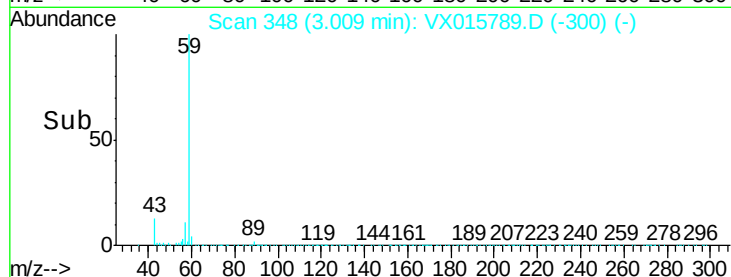
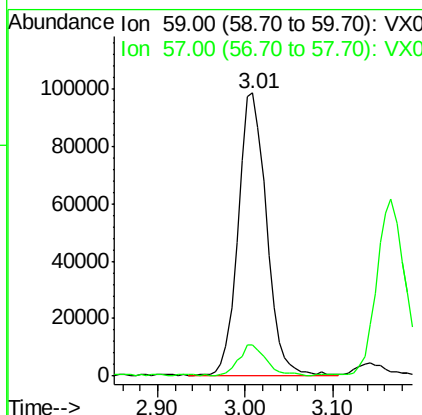
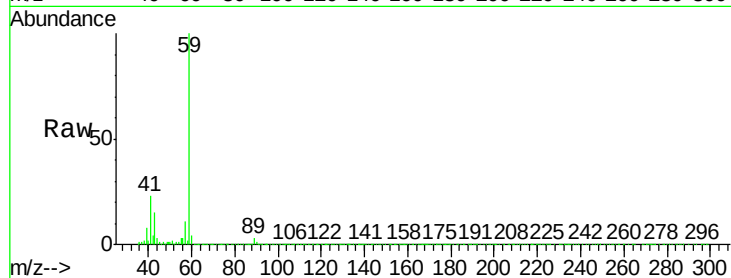
#11
Tert butyl alcohol
Concen: 69.178 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

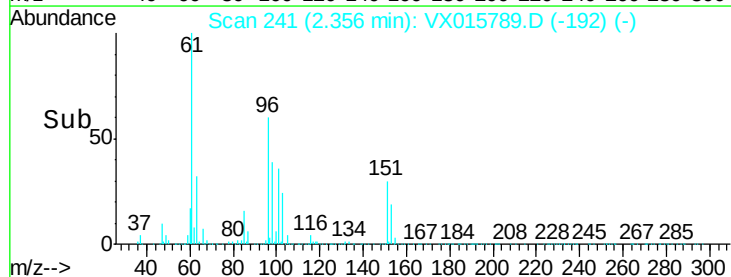
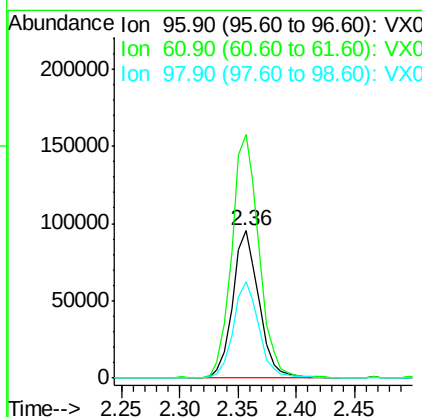
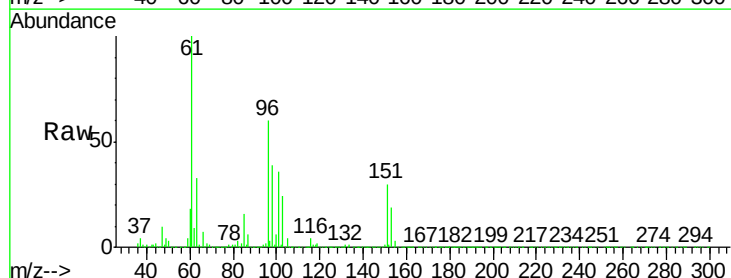
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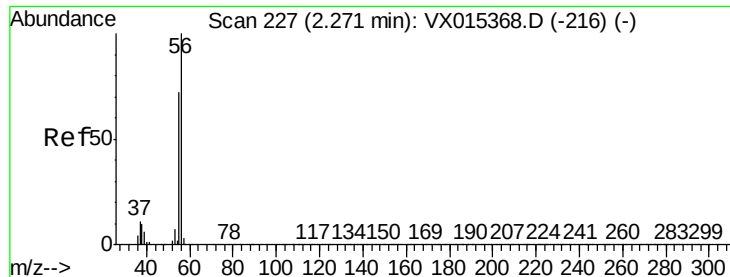
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#12
1,1-Dichloroethene
Concen: 16.439 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.3	135.7	203.5
98	64.9	50.6	75.8





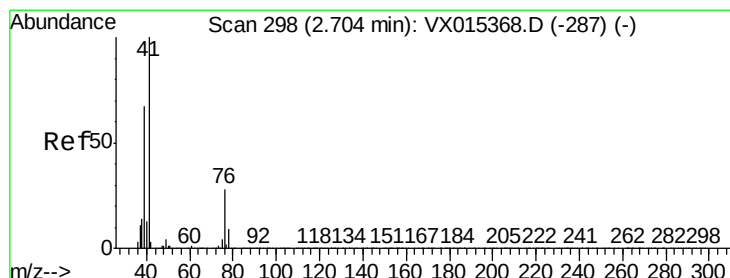
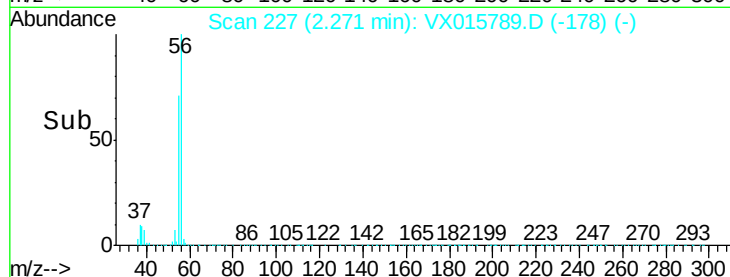
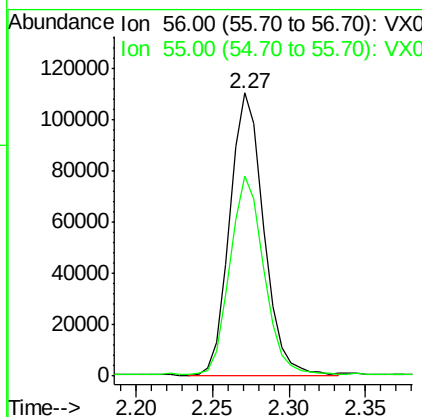
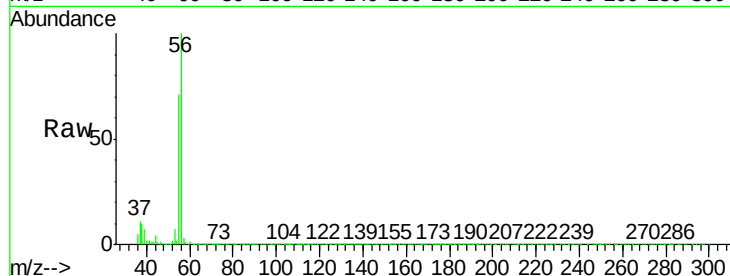
#13
Acrolein
Concen: 91.697 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	57.0	85.4

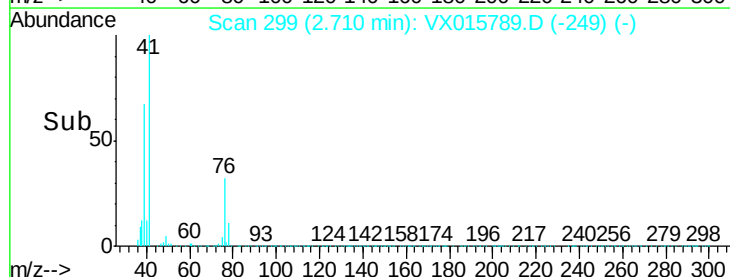
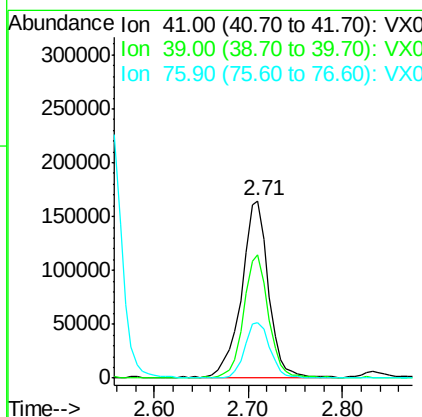
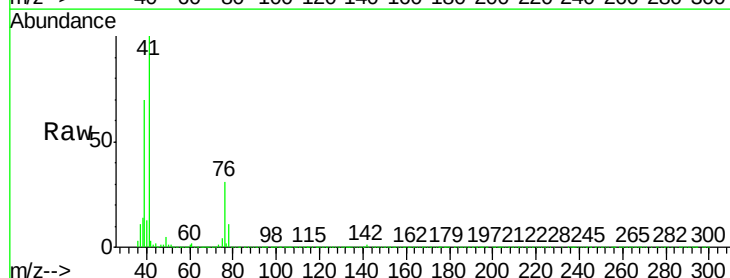
Manual Integrations
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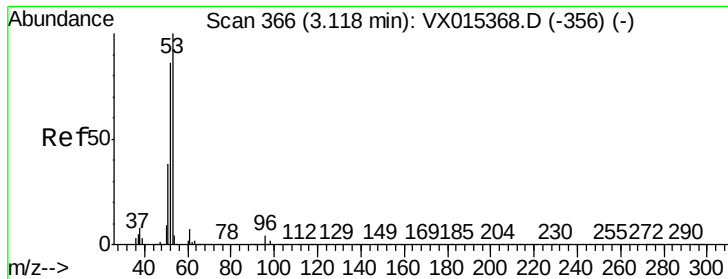
MMDadoda
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#14
Allyl chloride
Concen: 15.449 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.9	51.4	77.0
76	28.8	21.8	32.8





#15

Acrylonitrile

Concen: 85.248 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

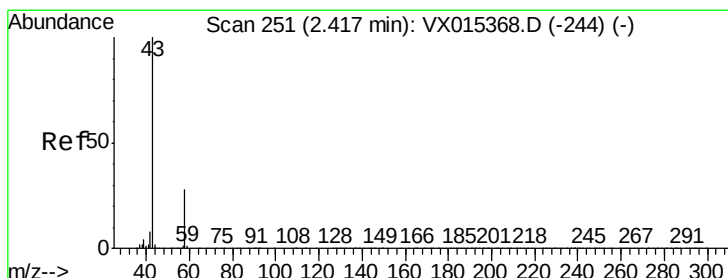
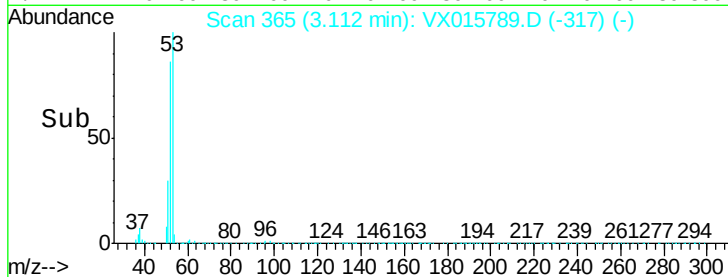
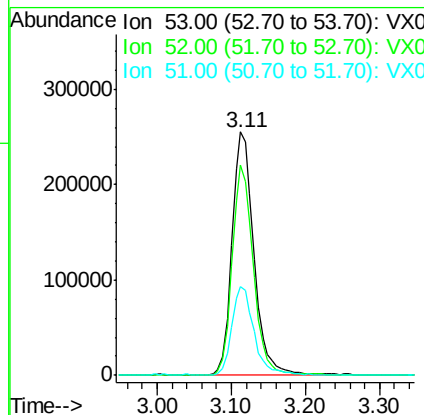
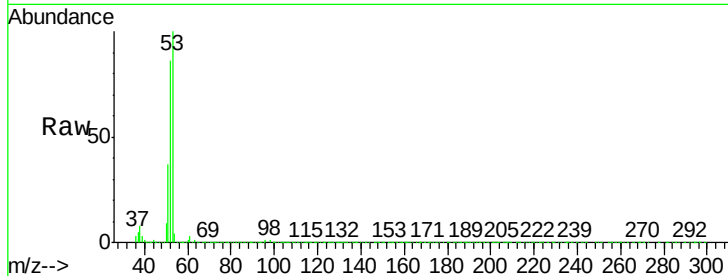
ClientSampleId :

VX0421WBSD01

Tot Ion:	53	Resp:	524170
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.8	100.2
51	36.8	29.5	44.3

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#16

Acetone

Concen: 89.363 ug/l

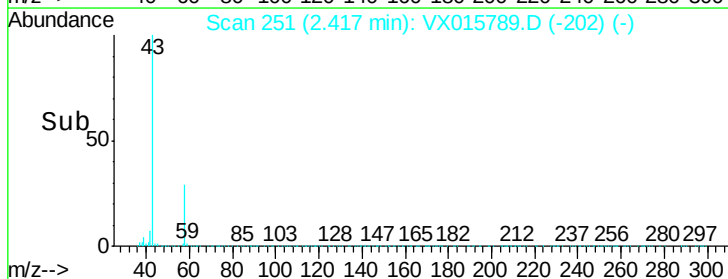
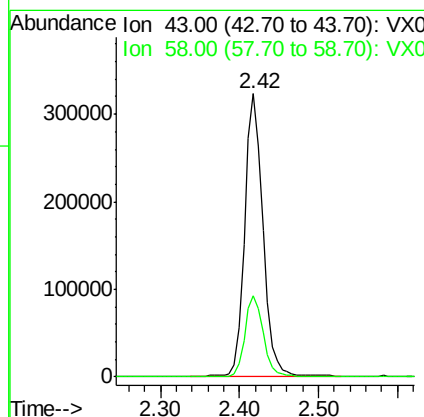
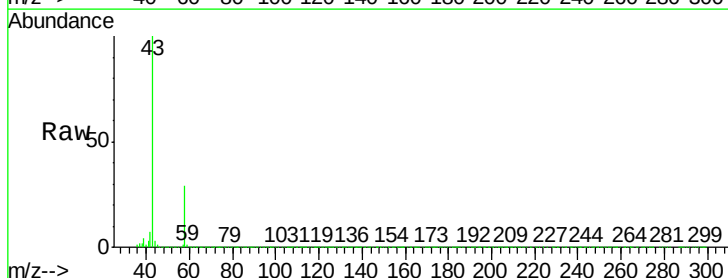
RT: 2.42 min Scan# 251

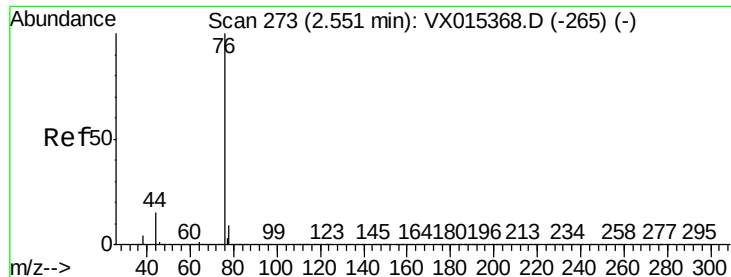
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	43	Resp:	517157
Ion Ratio	Lower	Upper	
43	100		
58	28.7	22.1	33.1





#17

Carbon Disulfide

Concen: 15.848 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion: 76 Resp: 435933

Ion Ratio Lower Upper

76 100

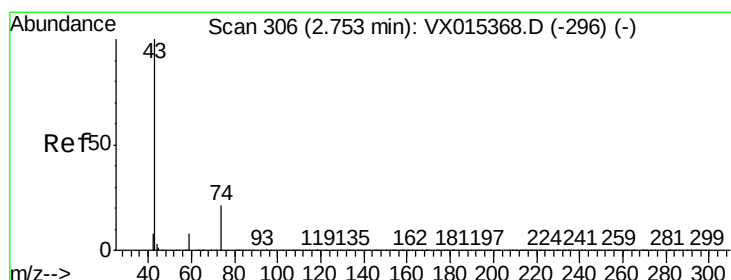
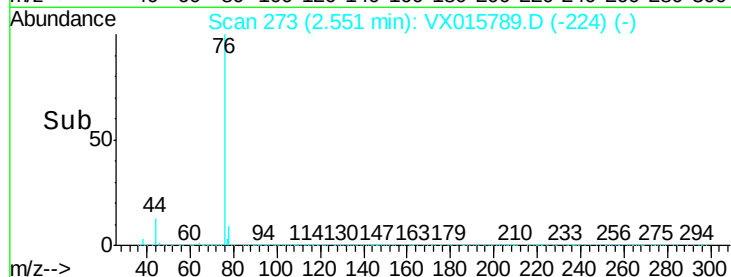
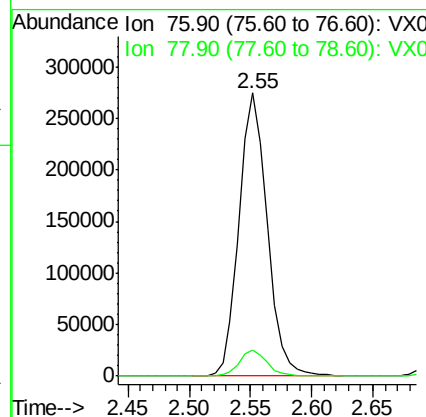
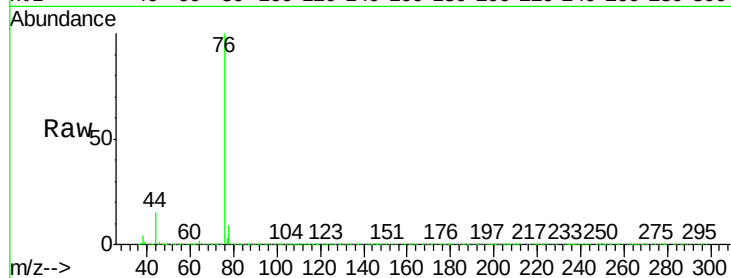
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 17.576 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015789.D

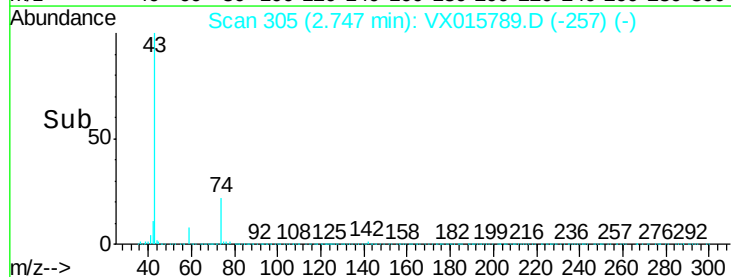
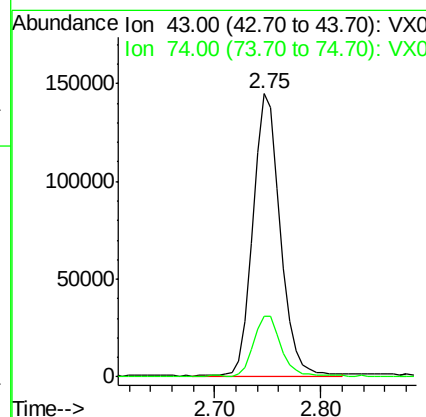
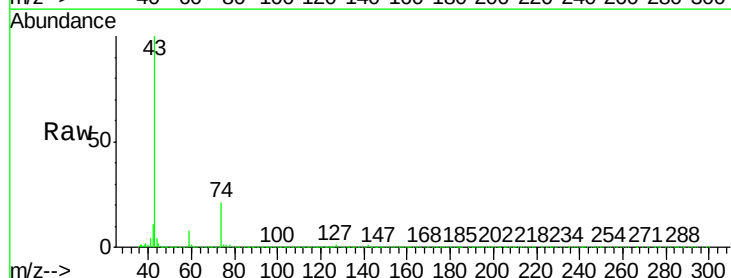
Acq: 21 Apr 2020 13:15

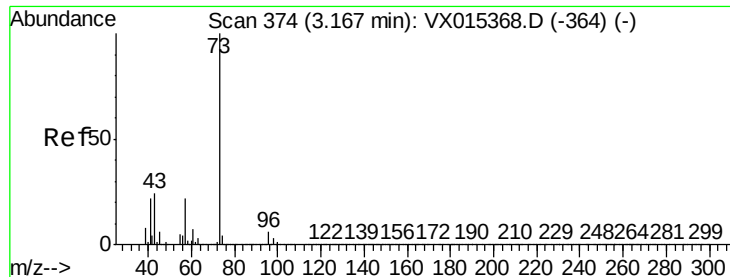
Tgt Ion: 43 Resp: 259605

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7





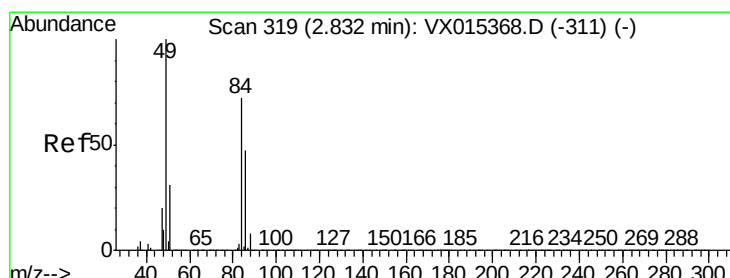
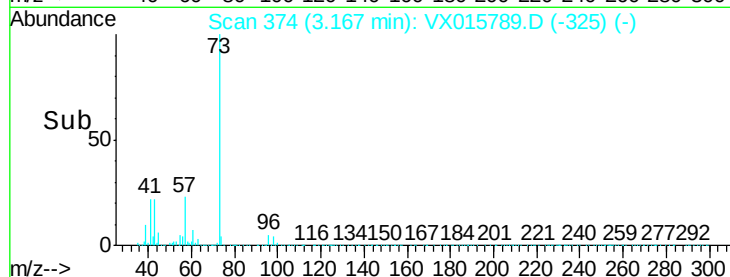
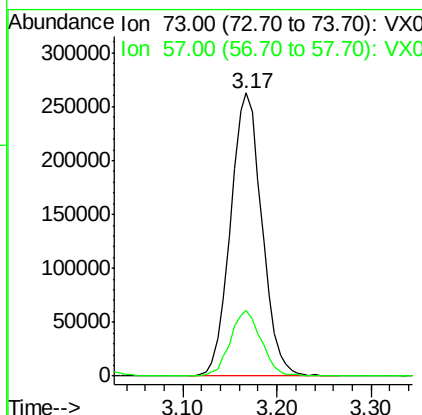
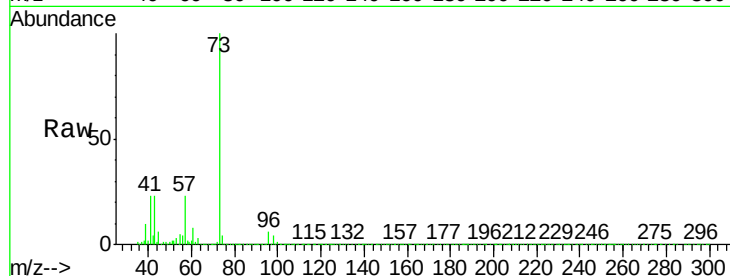
#19
Methyl tert-butyl Ether
Concen: 17.369 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.9	26.9

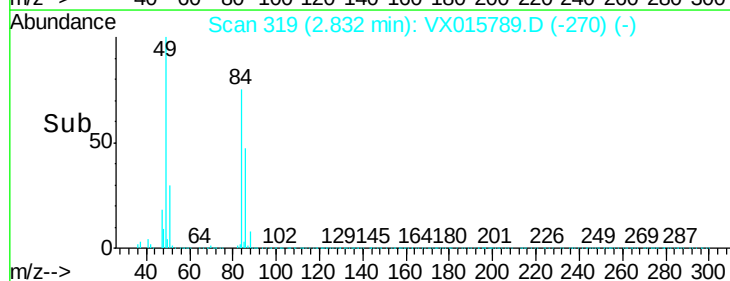
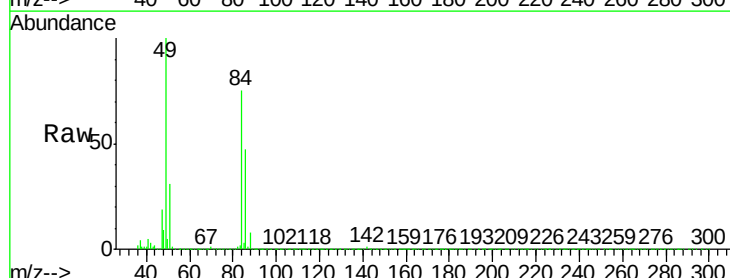
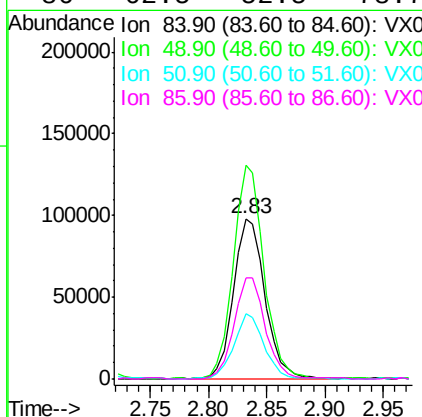
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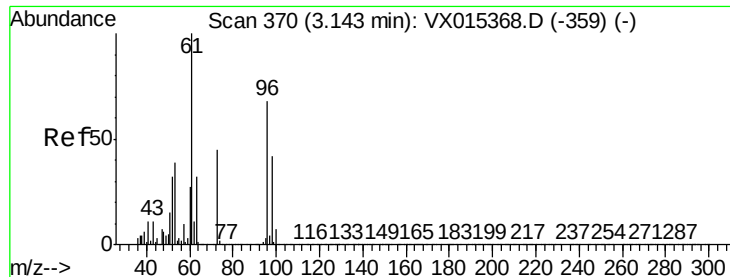
MMDadoda
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#20
Methylene Chloride
Concen: 16.998 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.3	111.3	166.9
51	40.5	34.0	51.0
86	62.5	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.593 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

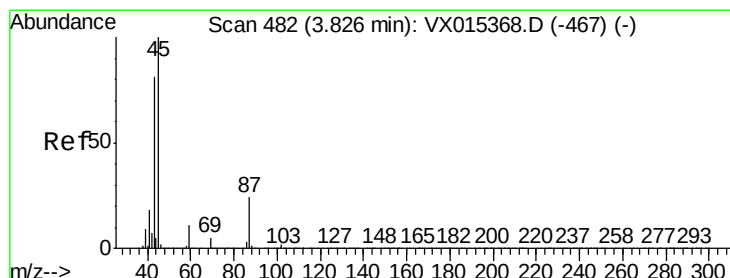
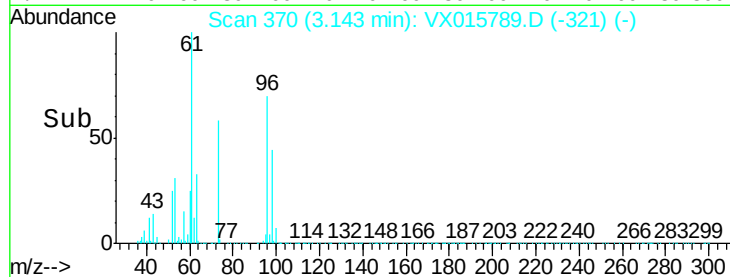
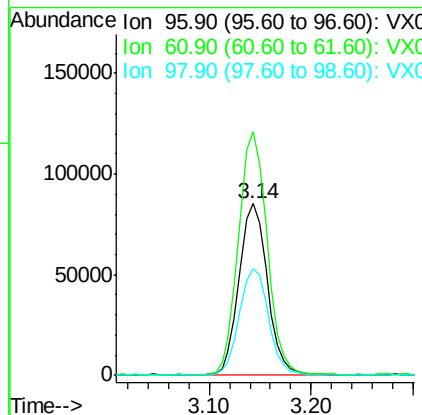
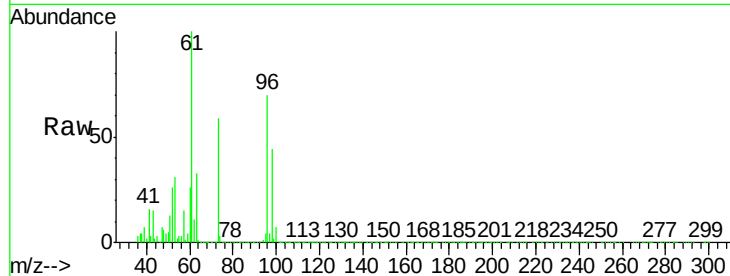
ClientSampleId :

VX0421WBSD01

Tot Ion:	96	Resp:	166049
Ion	Ratio	Lower	Upper
96	100		
61	142.0	116.9	175.3
98	61.6	48.6	73.0

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#22

Diisopropyl ether

Concen: 17.433 ug/l

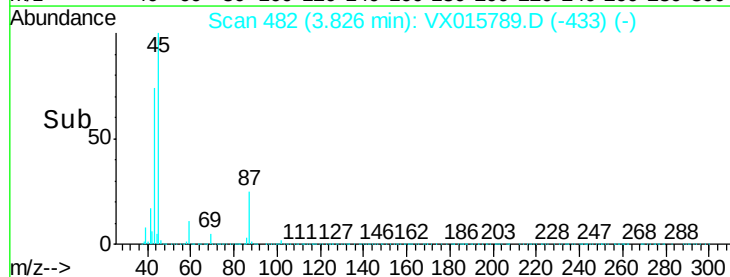
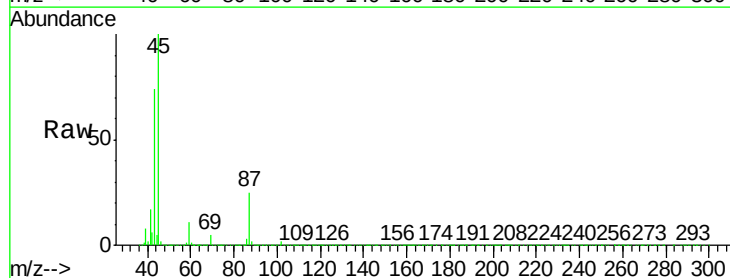
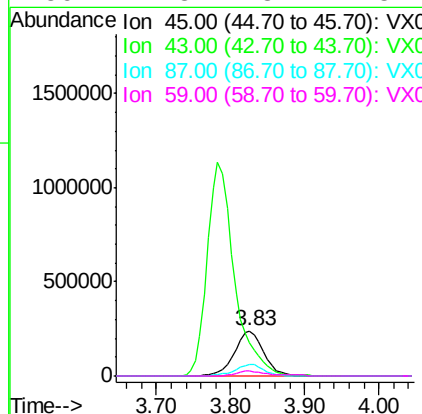
RT: 3.83 min Scan# 482

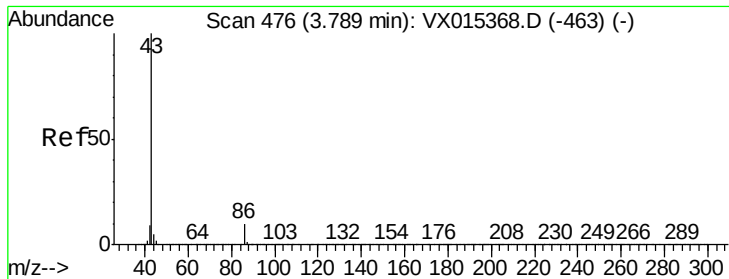
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	45	Resp:	650843
Ion	Ratio	Lower	Upper
45	100		
43	73.7	64.7	97.1
87	24.9	19.4	29.0
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 85.106 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion: 43 Resp: 2876776

Ion Ratio Lower Upper

43 100

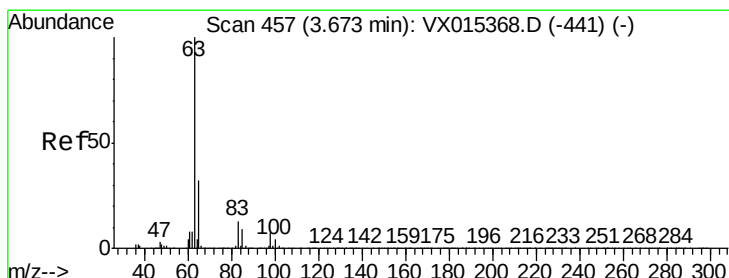
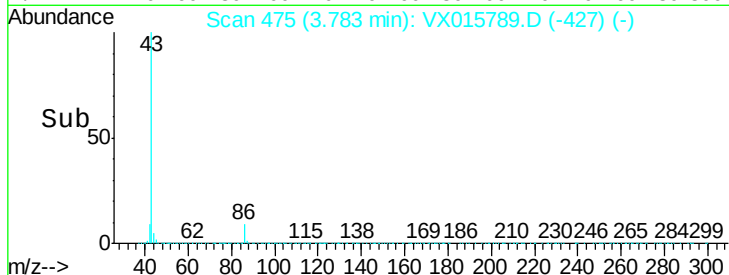
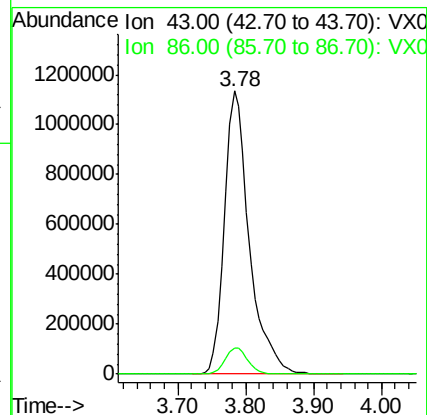
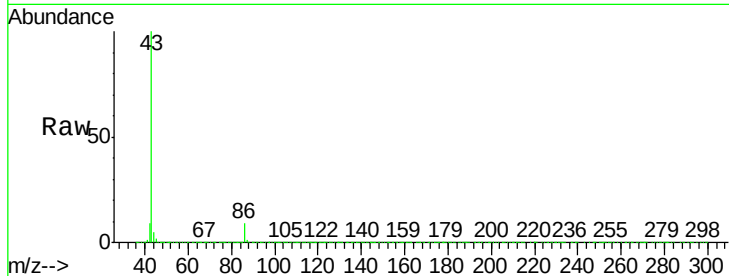
86 9.4 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 16.393 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

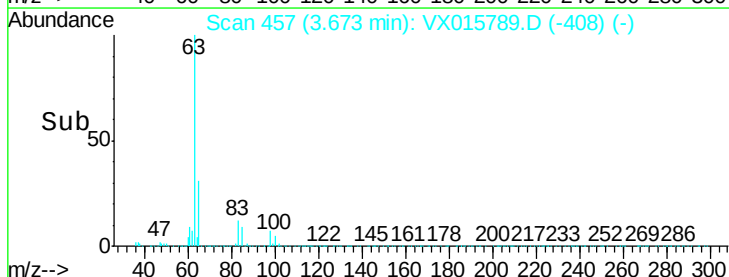
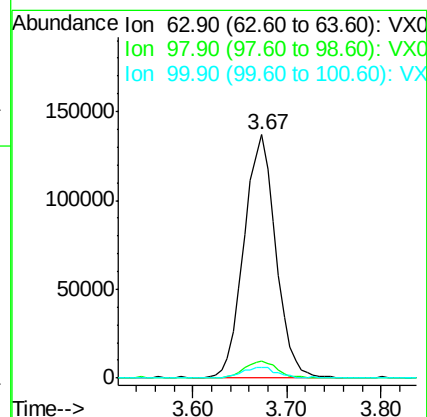
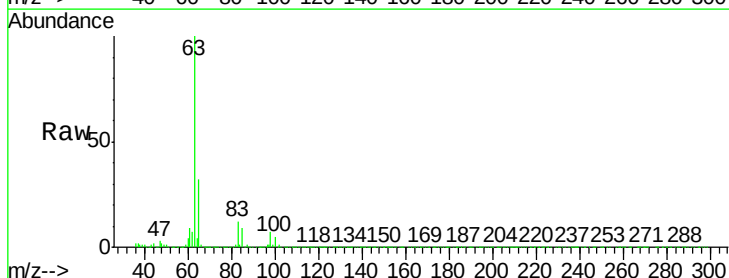
Tgt Ion: 63 Resp: 322237

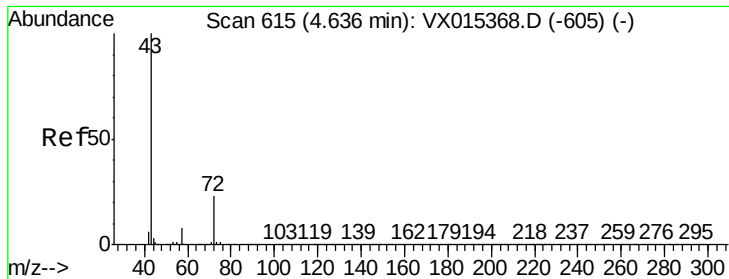
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 81.594 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tot Ion: 43 Resp: 759393

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

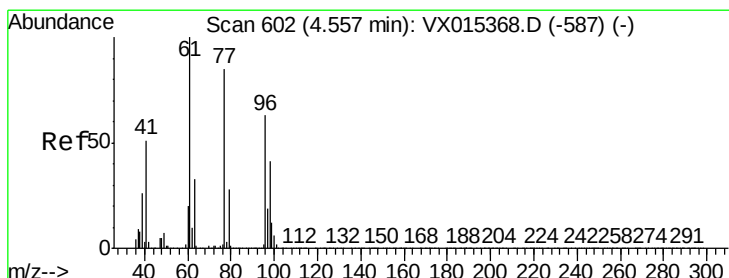
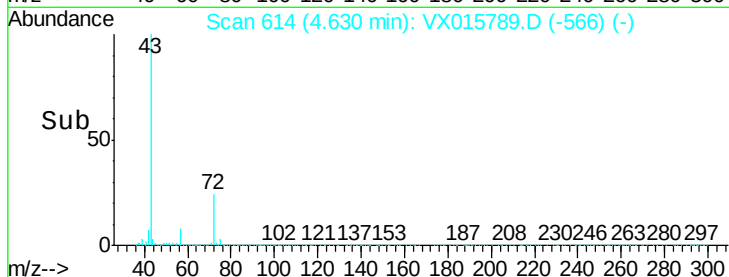
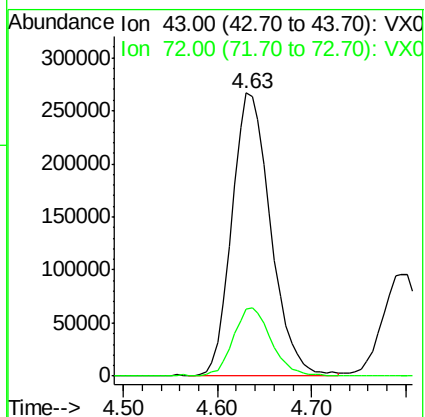
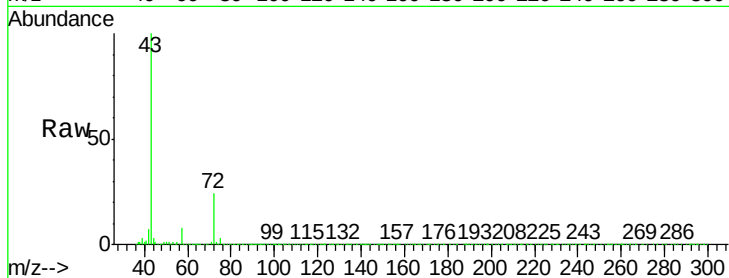
VX0421WBSD01

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#26

2,2-Dichloropropane

Concen: 17.270 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015789.D

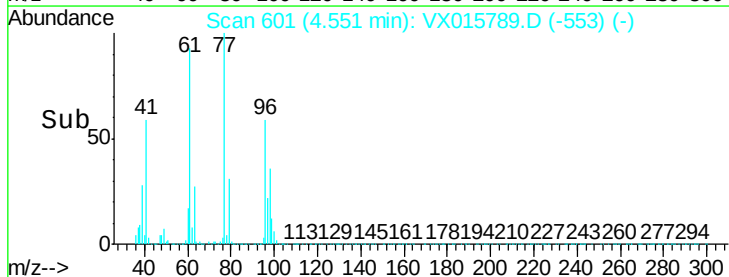
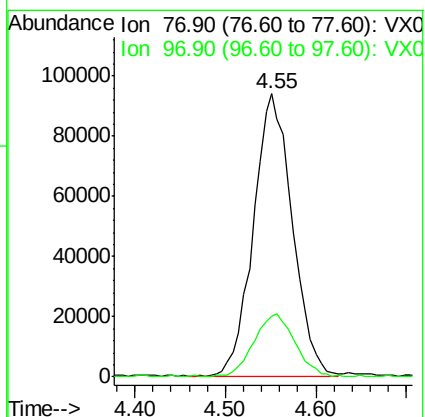
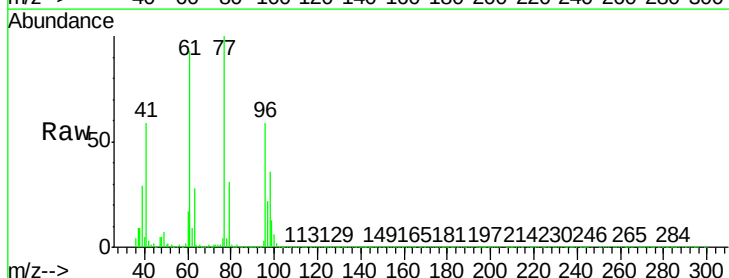
Acq: 21 Apr 2020 13:15

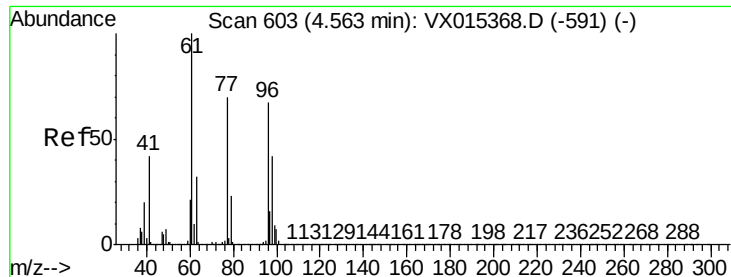
Tgt Ion: 77 Resp: 278639

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

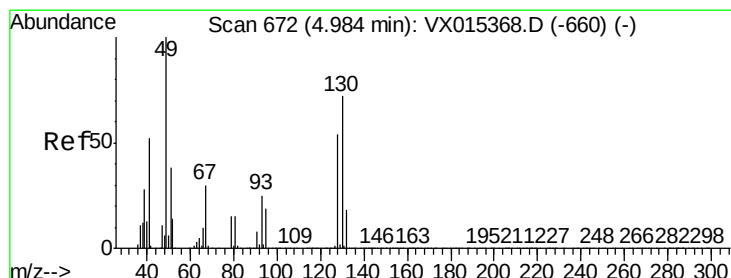
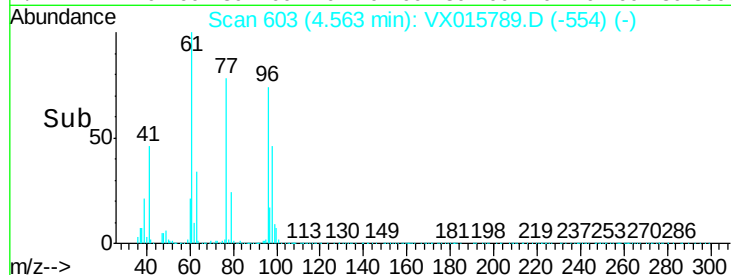
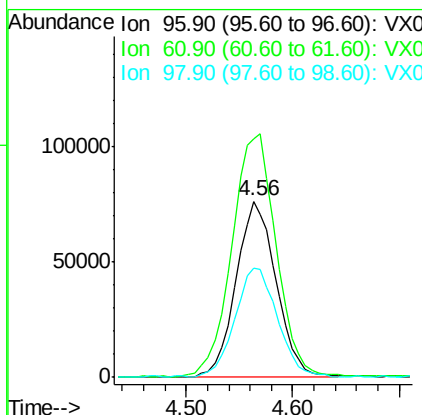
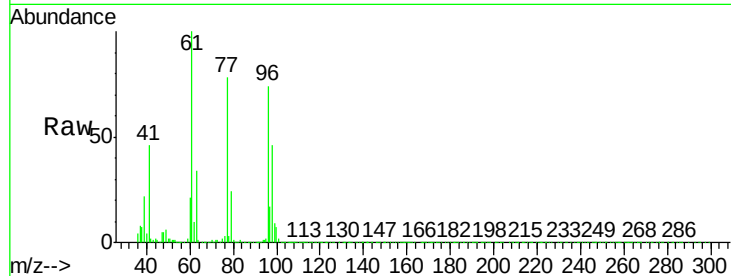
cis-1,2-Dichloroethene
Concen: 17.507 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	151.5	0.0	308.4
98	65.2	0.0	129.2

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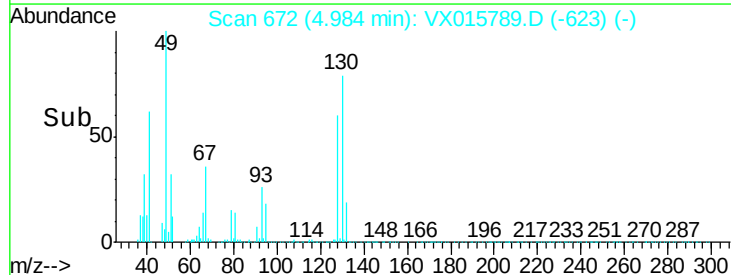
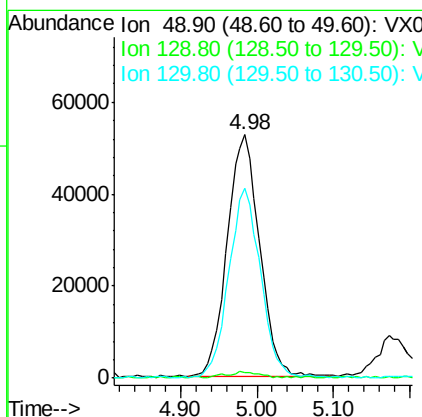
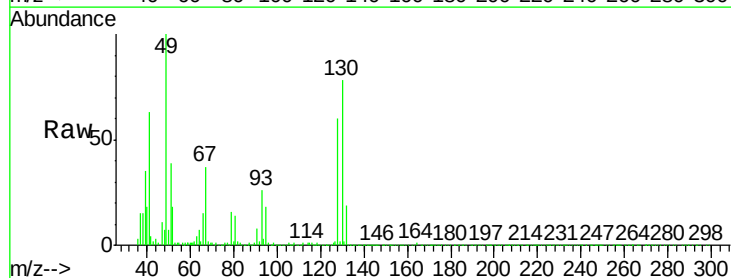
MMDadoda
4/22/2020 10:02:22 AM

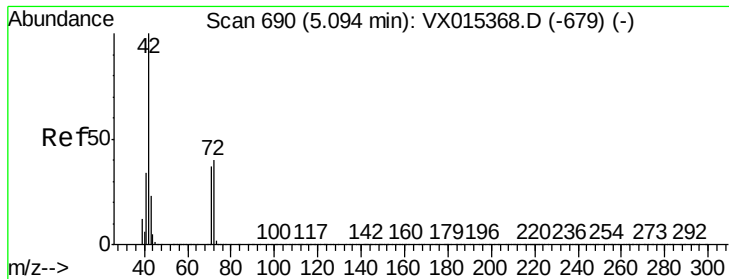


#28

Bromochloromethane
Concen: 16.462 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.6	0.0	4.4
130	75.8	57.7	86.5





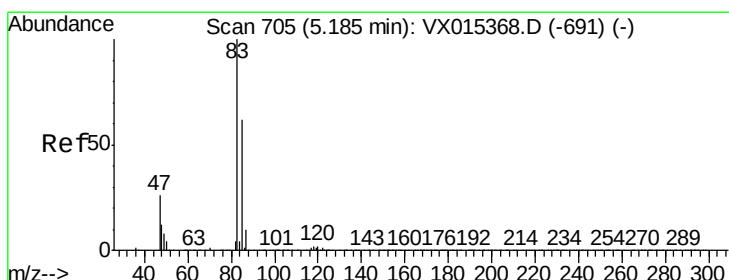
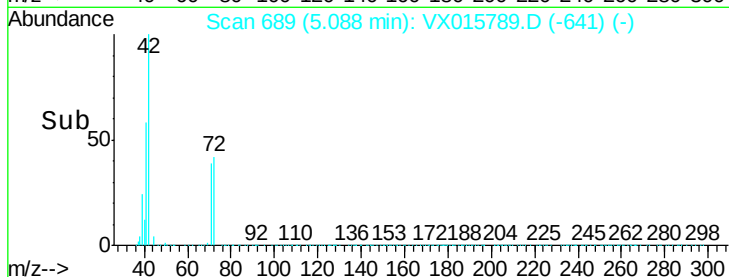
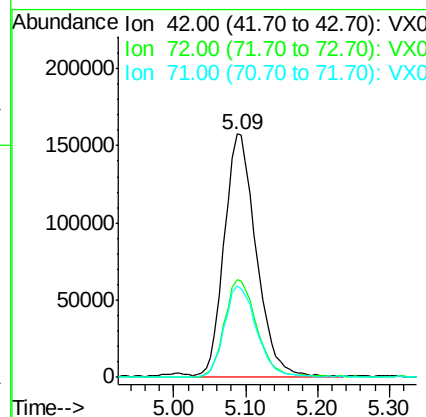
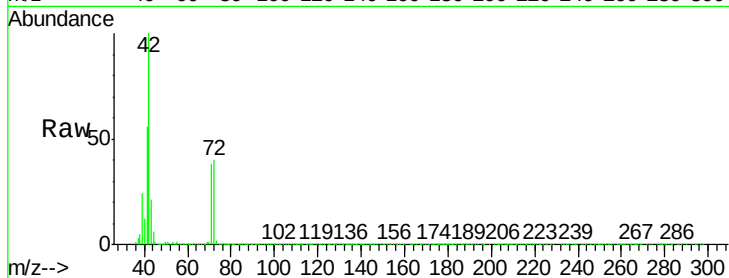
#29
Tetrahydrofuran
Concen: 80.672 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.7	47.5
71	37.5	29.6	44.4

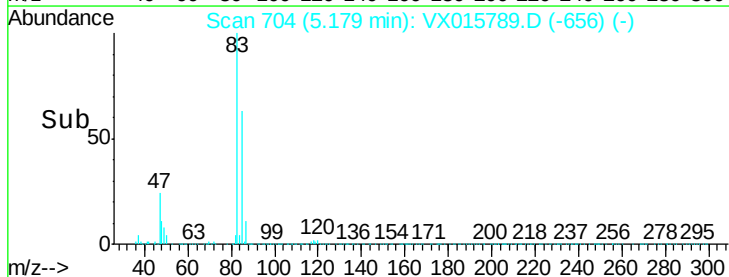
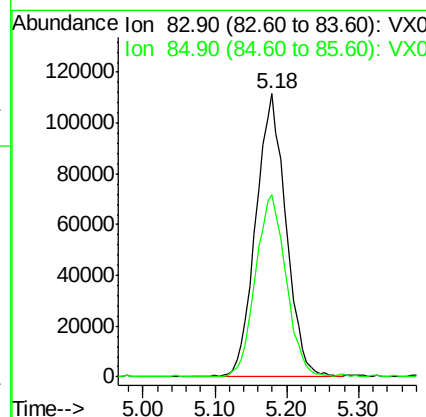
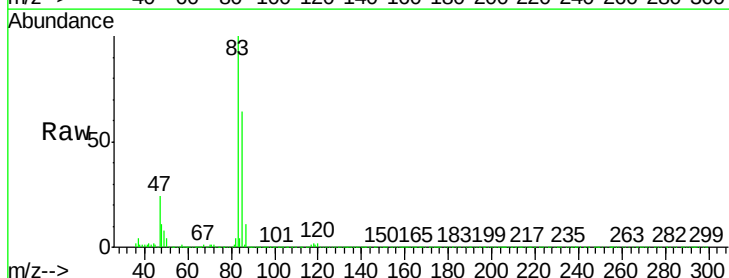
Manual Integrations
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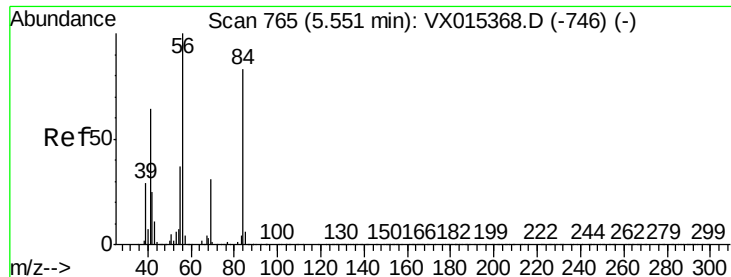
MMDadoda
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#30
Chloroform
Concen: 17.118 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	49.5	74.3





#31

Cyclohexane

Concen: 16.356 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

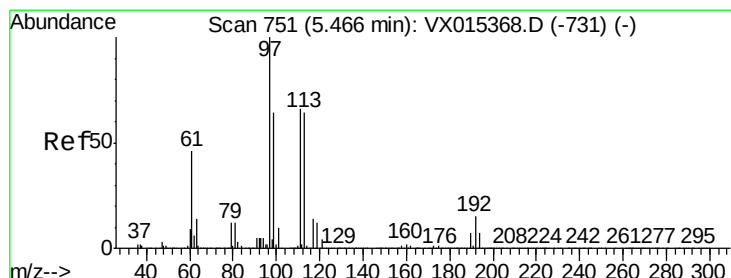
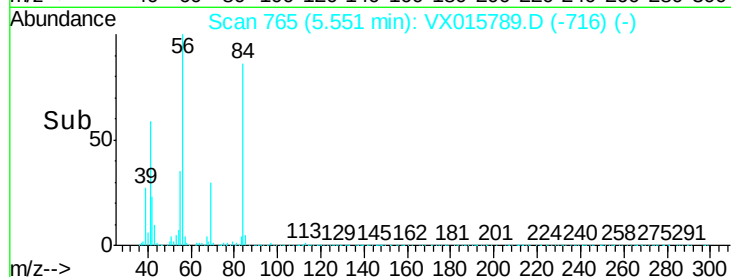
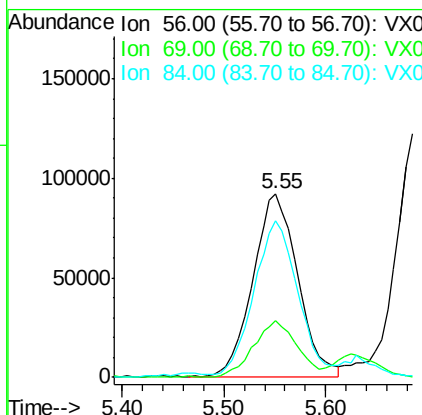
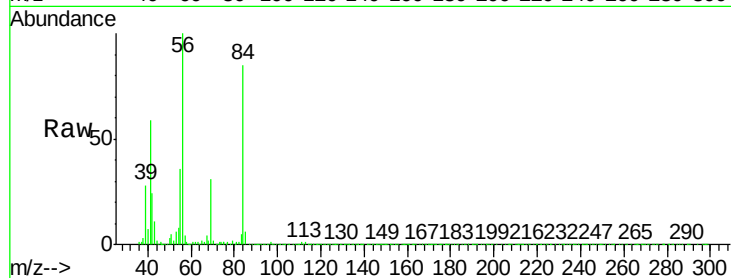
ClientSampleId :

VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.6	36.8
84	83.3	66.1	99.1

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#32

1,1,1-Trichloroethane

Concen: 16.691 ug/l

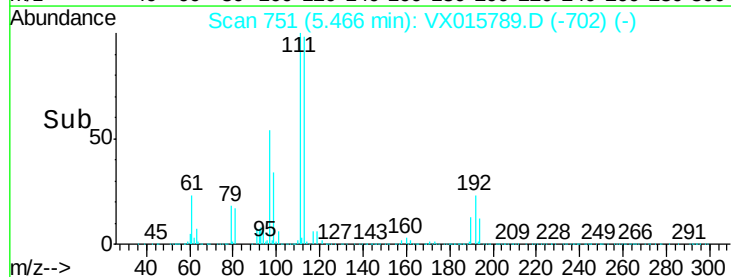
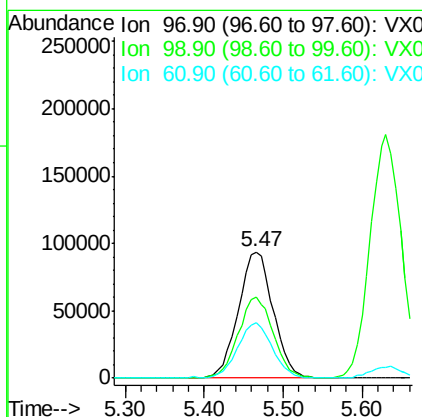
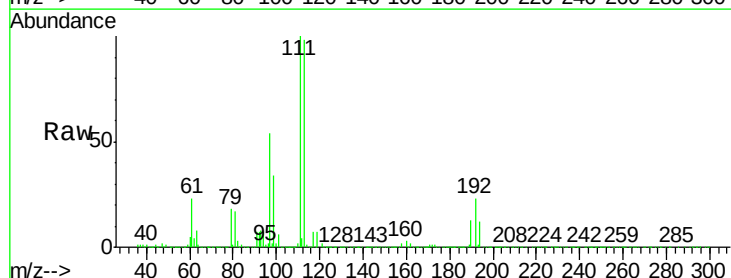
RT: 5.47 min Scan# 751

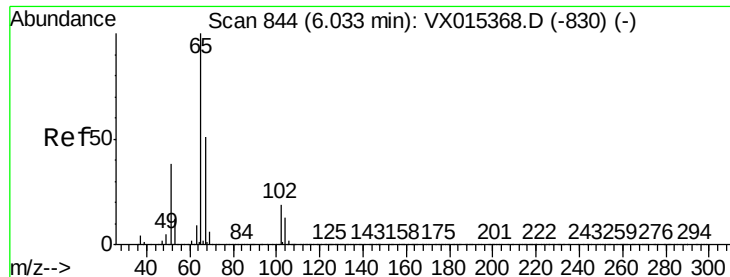
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	43.2	36.1	54.1





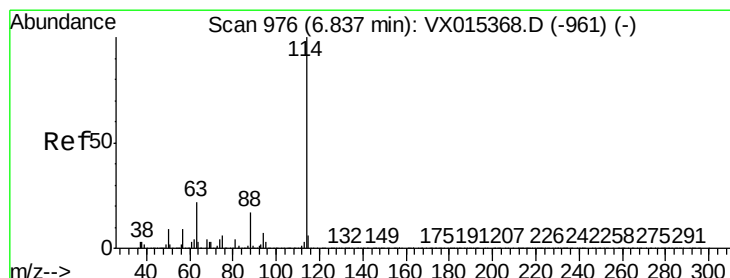
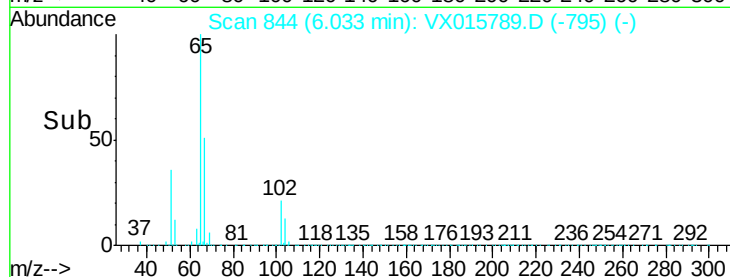
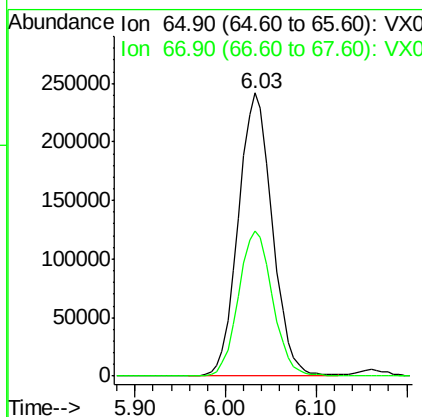
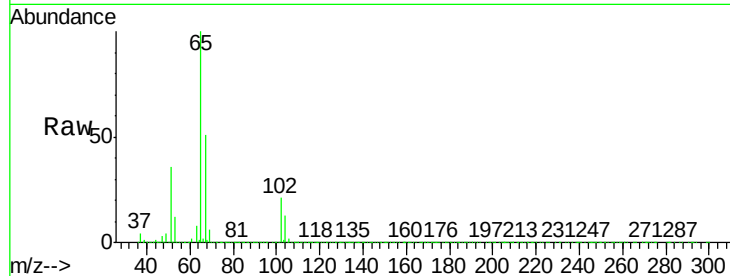
#33
 1,2-Dichloroethane-d4
 Concen: 46.599 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	627697		
67	51.3	0.0	102.6	

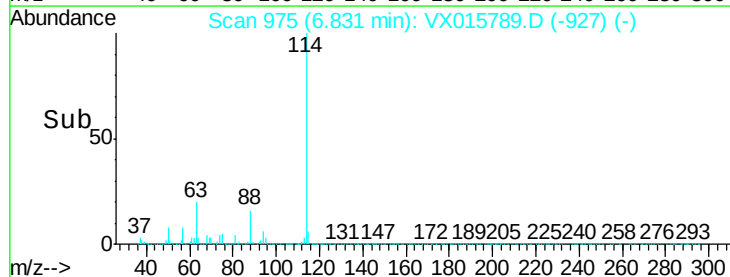
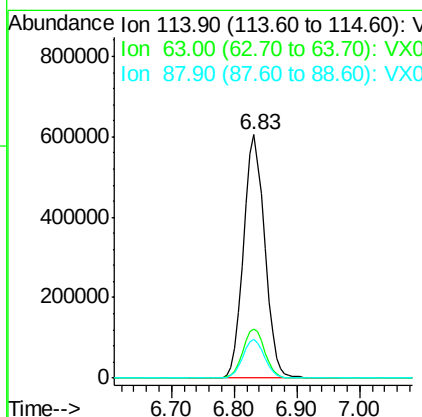
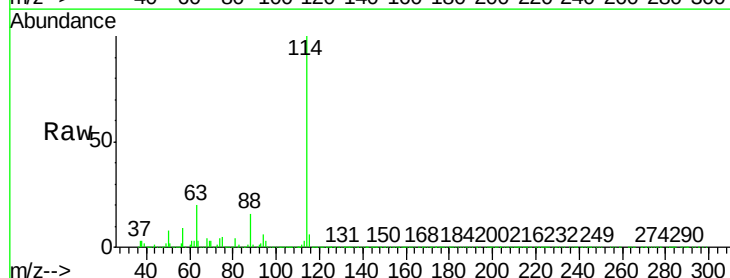
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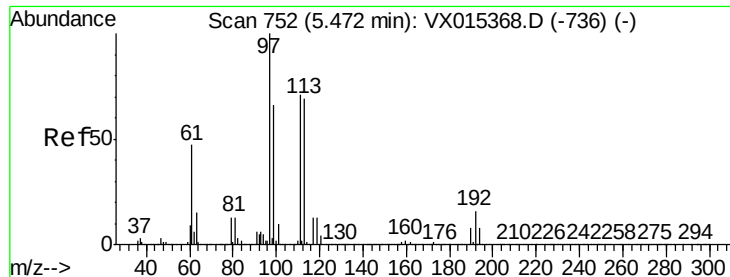
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1424107		
63	20.3	0.0	44.2	
88	16.0	0.0	33.8	





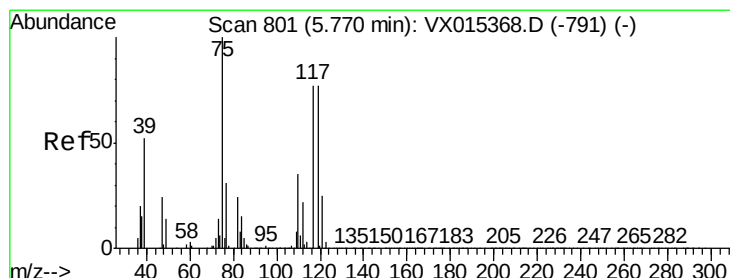
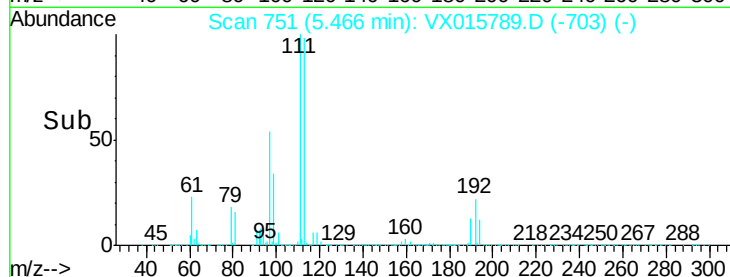
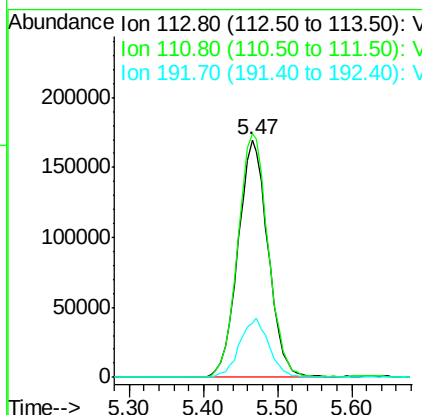
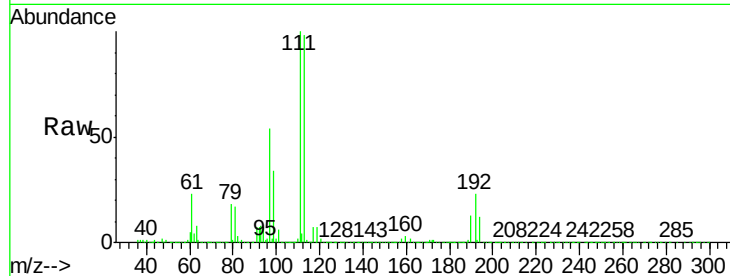
#35
 Dibromofluoromethane
 Concen: 52.532 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	478213		
111	103.7	81.5	122.3	
192	24.5	17.8	26.6	

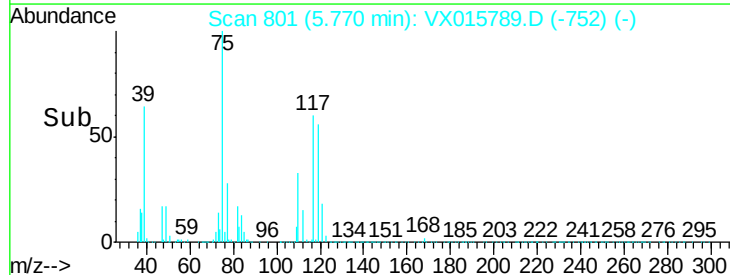
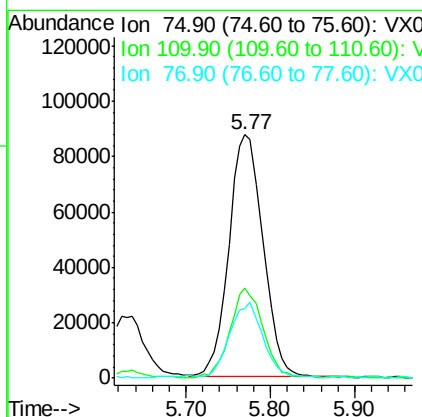
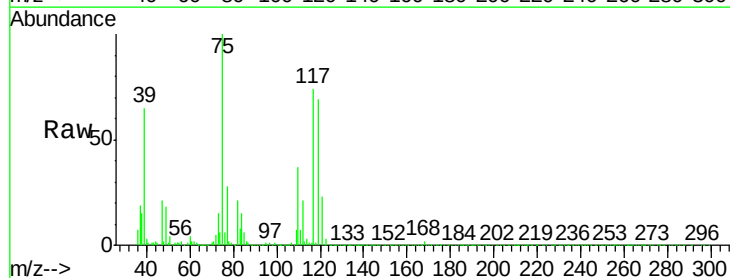
Manual Integrations
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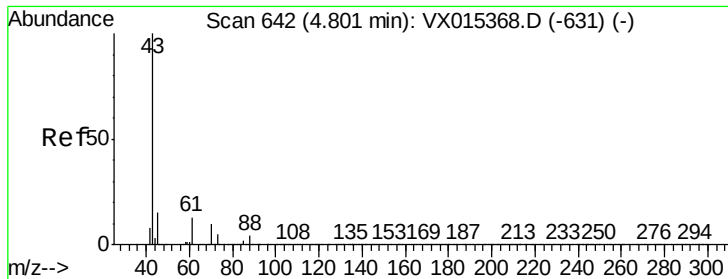
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#36
 1,1-Dichloropropene
 Concen: 18.315 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	240319		
110	36.2	17.1	51.3	
77	29.9	24.6	36.8	





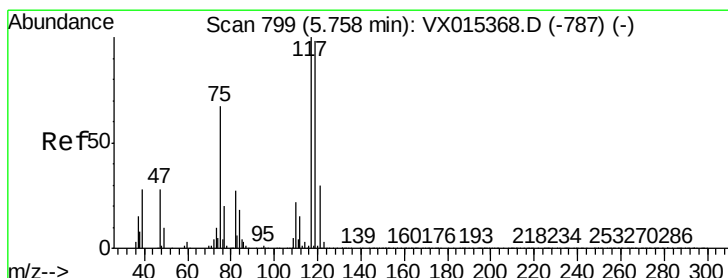
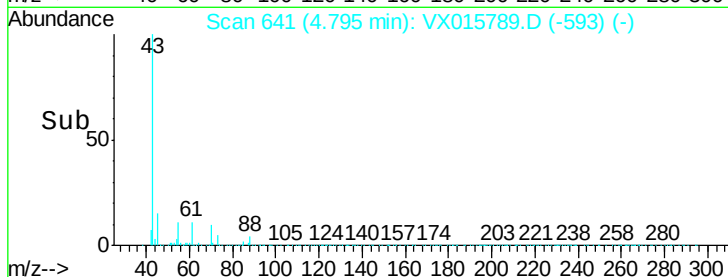
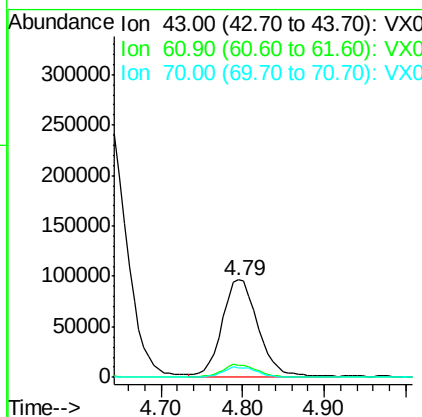
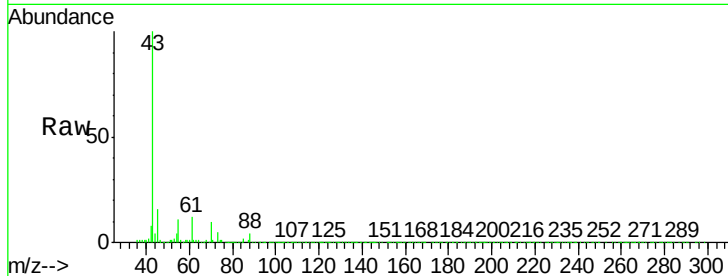
#37
Ethyl Acetate
Concen: 16.904 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	43	Resp	288808
Ion Ratio	Lower	Upper	
43	100		
61	13.6	9.9	14.9
70	10.5	8.1	12.1

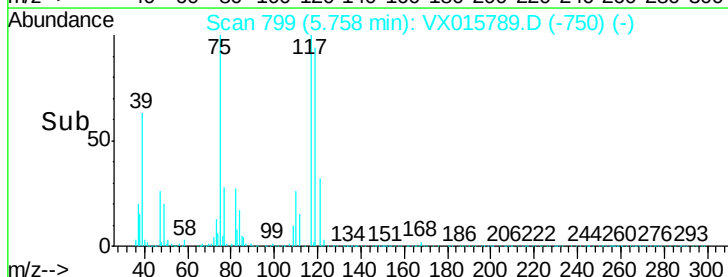
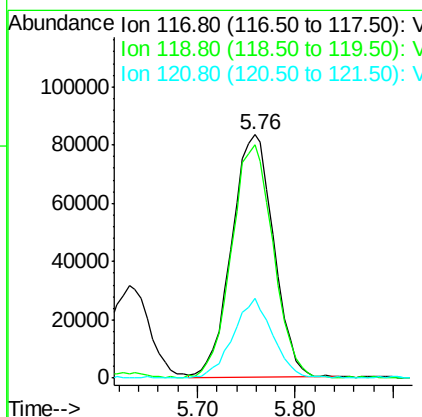
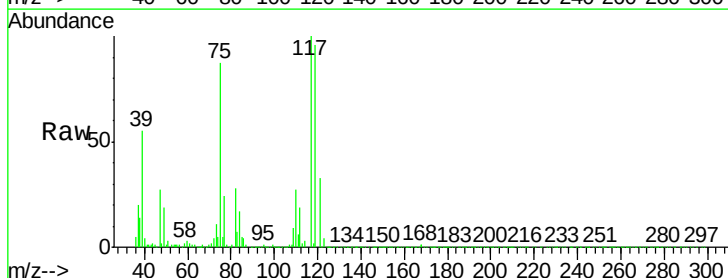
Manual Integrations
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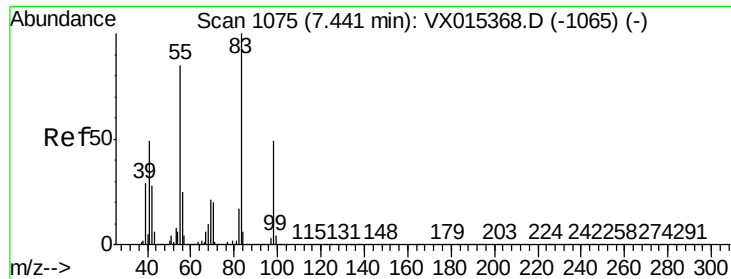
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.416 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	117	Resp	247523
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.0	117.0
121	32.6	23.8	35.8





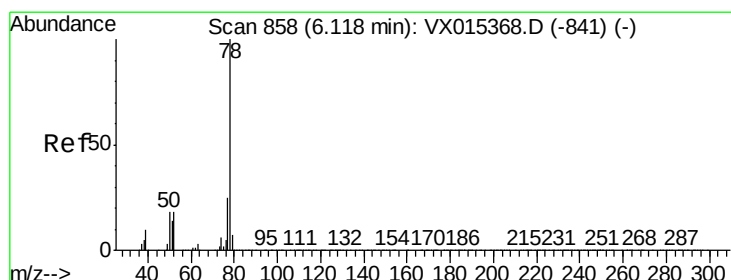
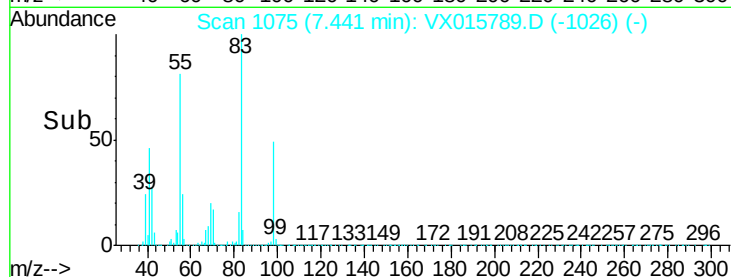
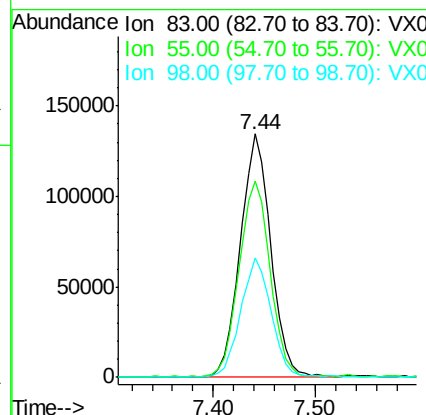
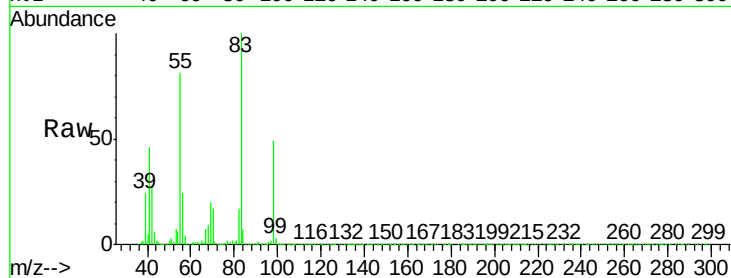
#39
Methylvlcyclohexane
Concen: 18.377 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	67.8	101.6
98	49.0	39.3	58.9

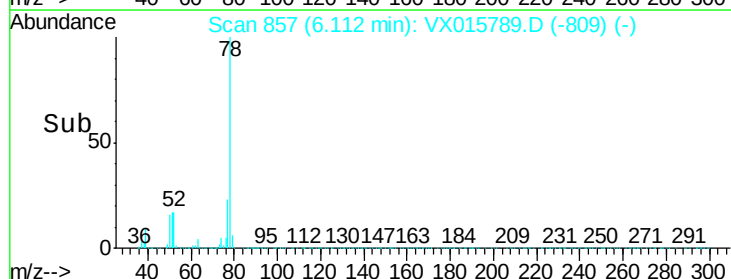
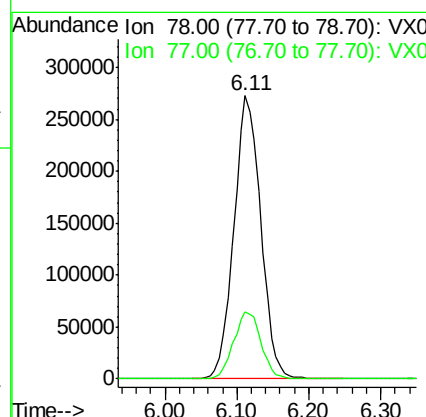
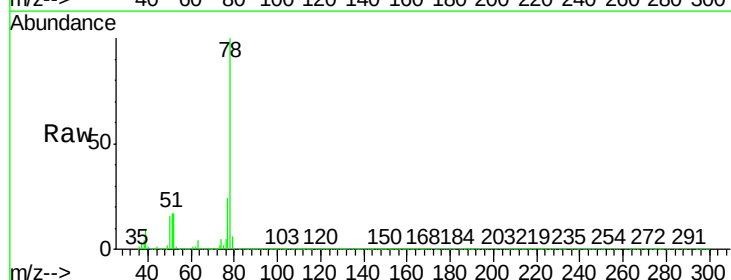
Manual Integrations
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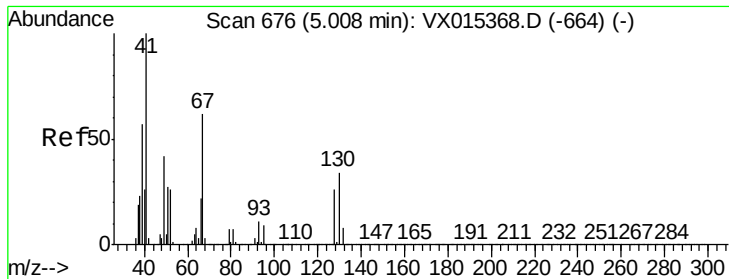
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#40
Benzene
Concen: 18.320 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.8	29.8





#41

Methacrylonitrile

Concen: 17.599 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

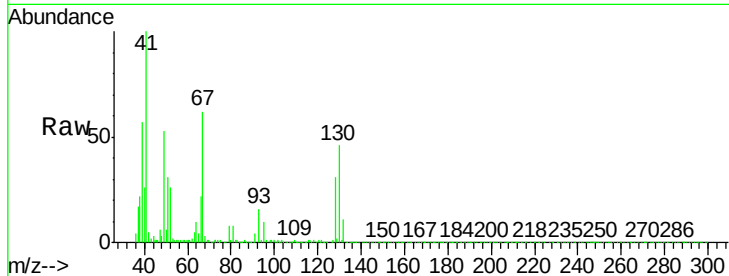
ClientSampleId :

VX0421WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		166910		
39	54.9	44.5	66.7		
67	66.2	48.9	73.3		
52	28.7	21.8	32.6		

Manual Integrations
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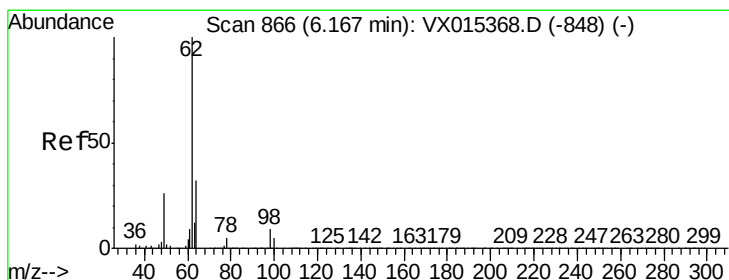
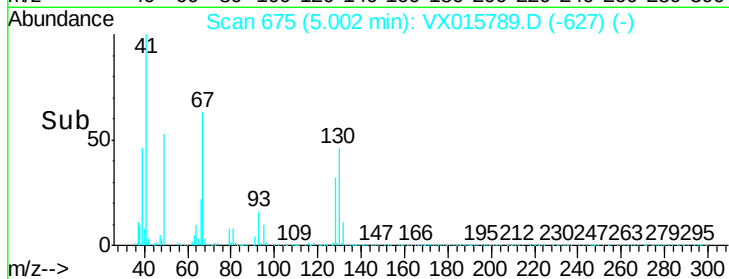
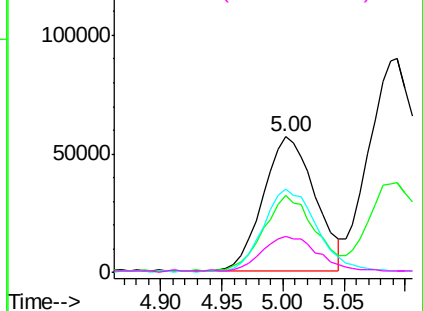


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.046 ug/l

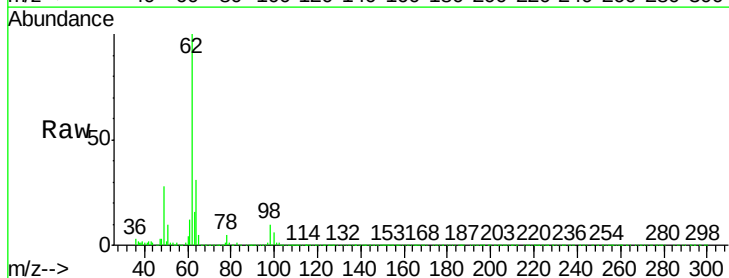
RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015789.D

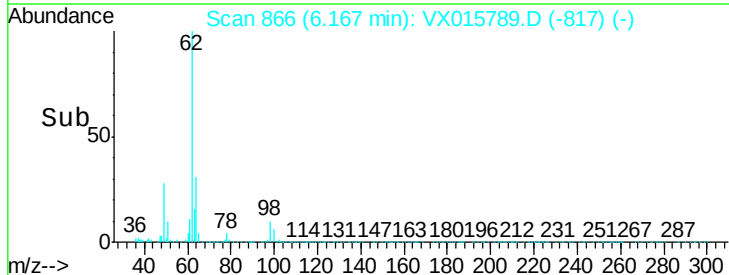
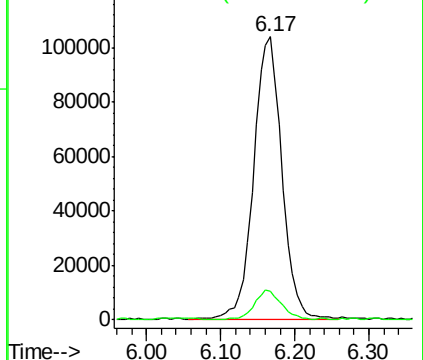
Acq: 21 Apr 2020 13:15

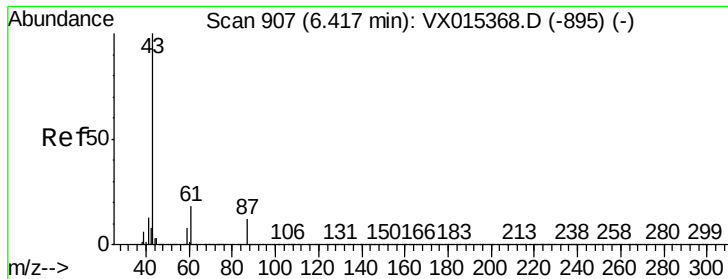
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		278609		
98	9.7	0.0	17.6		



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

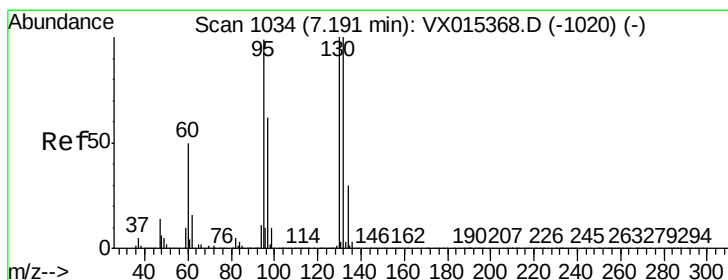
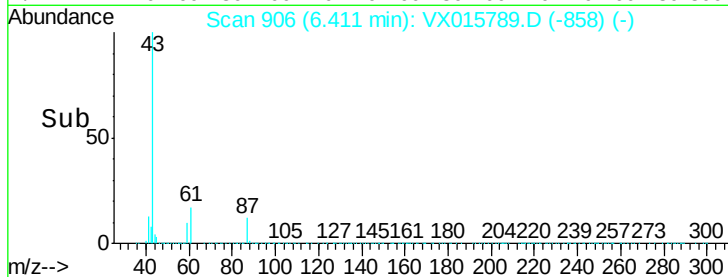
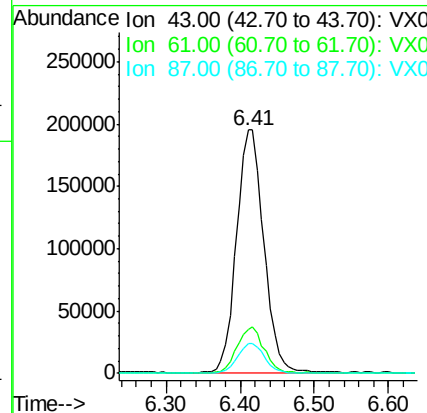
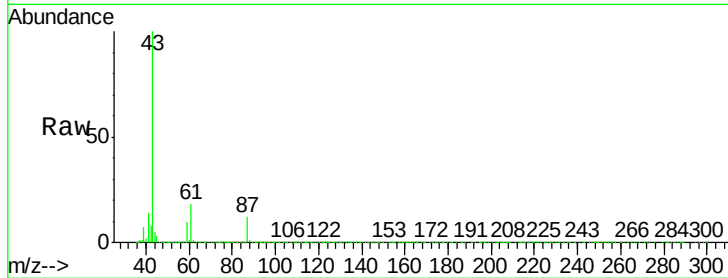
Isopropyl Acetate
 Concen: 17.332 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.8	22.2
87	11.9	9.4	14.0

Manual Integrations
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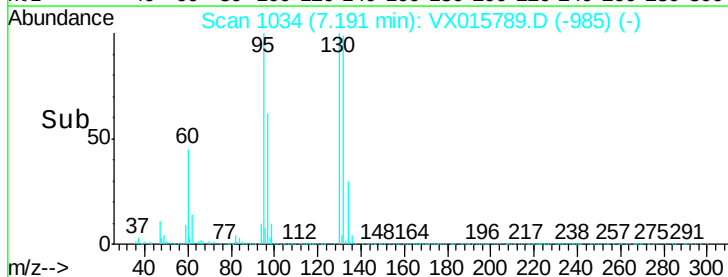
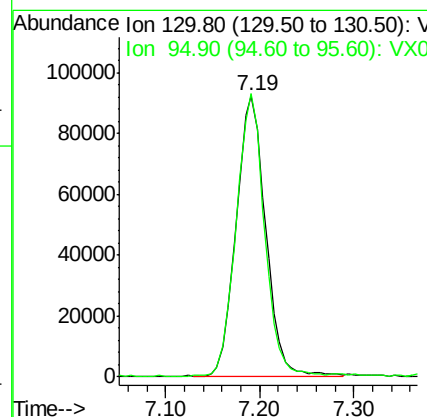
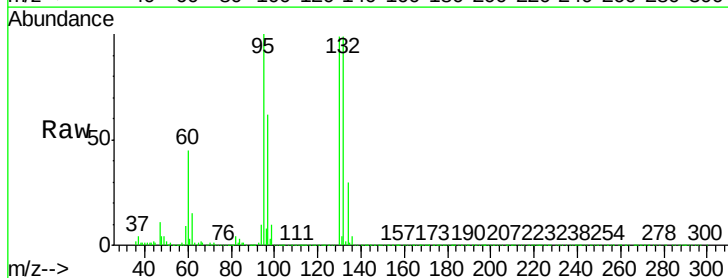
MMDadoda
 4/22/2020 10:02:22 AM

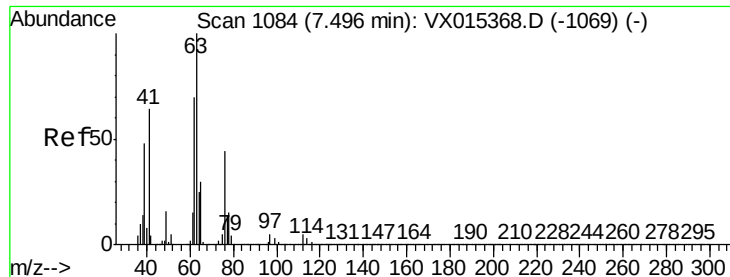


#44

Trichloroethene
 Concen: 19.237 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	199.0





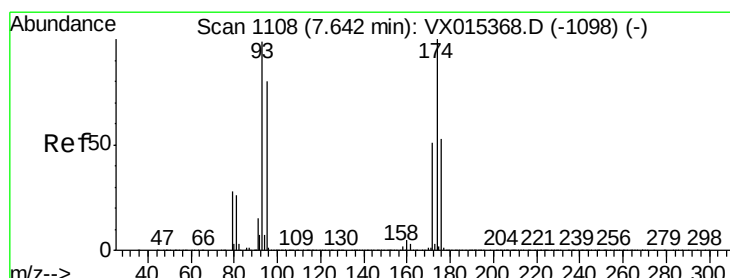
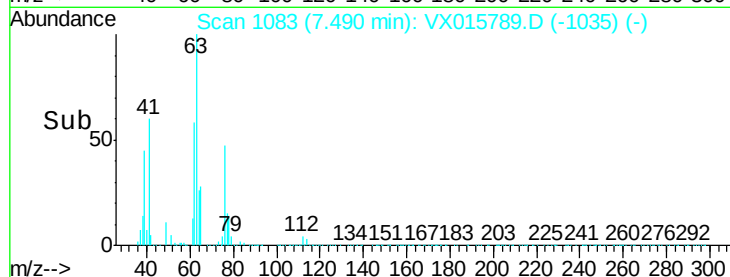
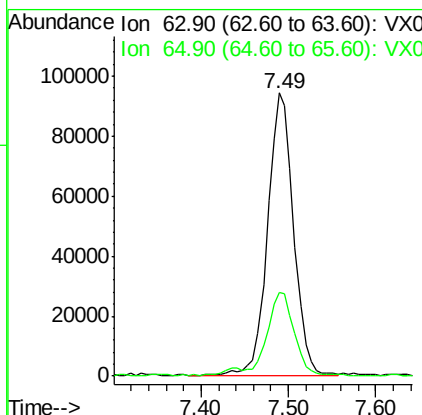
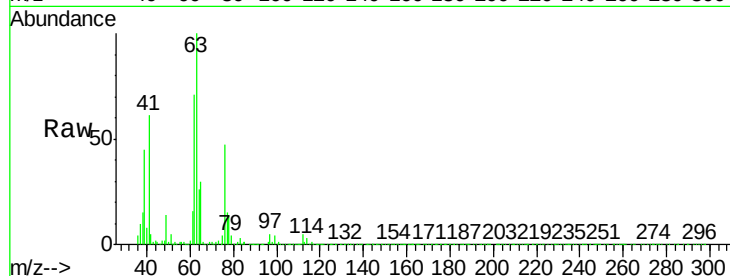
#45
 1,2-Dichloropropane
 Concen: 18.668 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.9	35.9

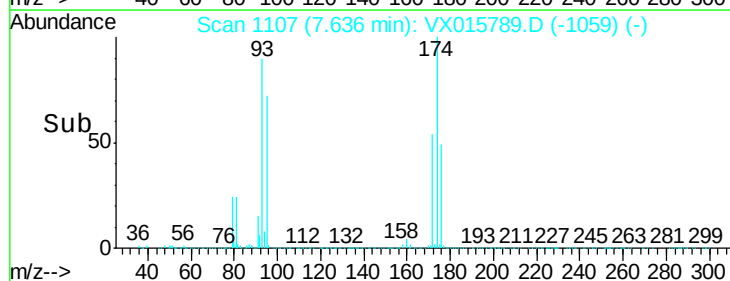
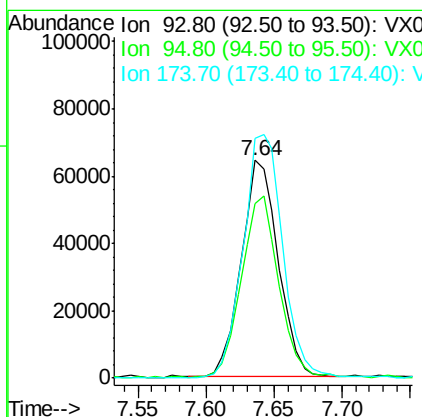
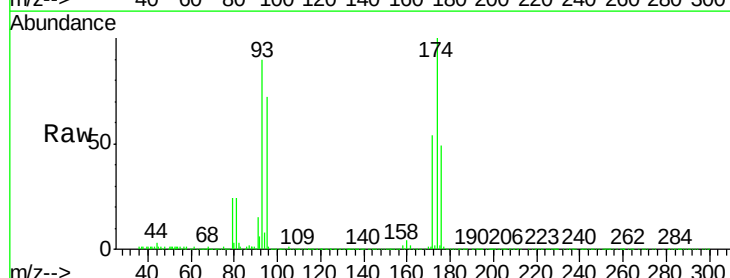
Manual Integrations
 APPROVED

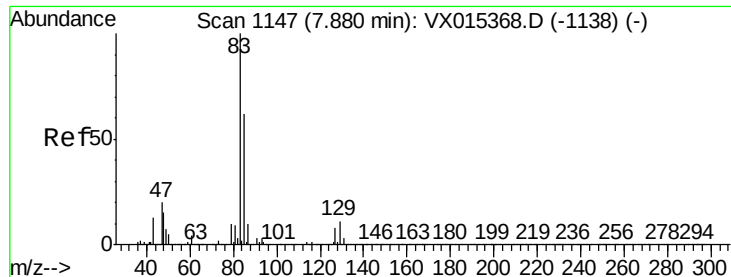
MMDadoda
 4/22/2020 10:02:22 AM



#46
 Dibromomethane
 Concen: 17.726 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.8	98.8
174	121.1	86.2	129.2





#47

Bromodichloromethane

Concen: 17.302 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

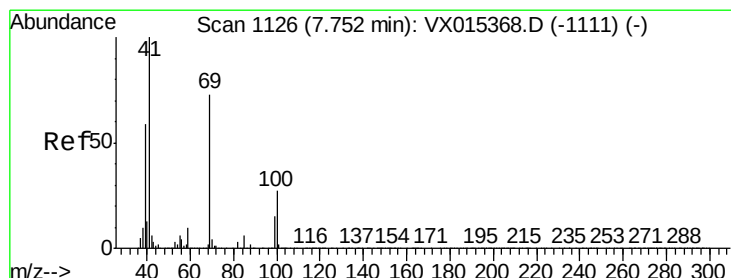
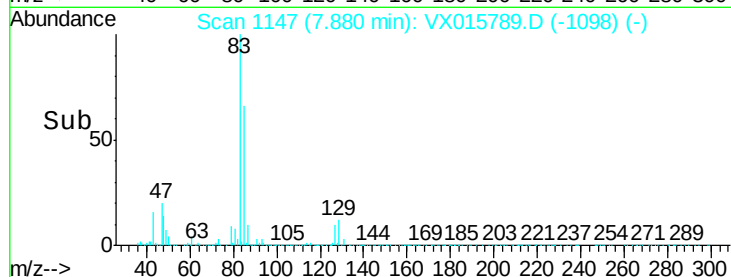
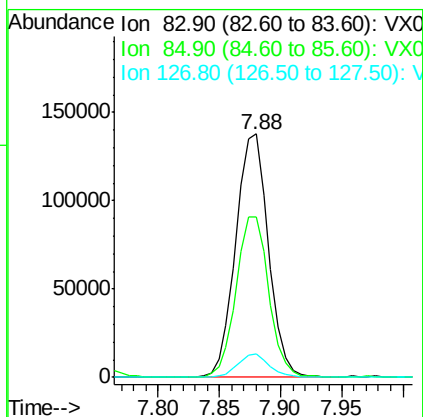
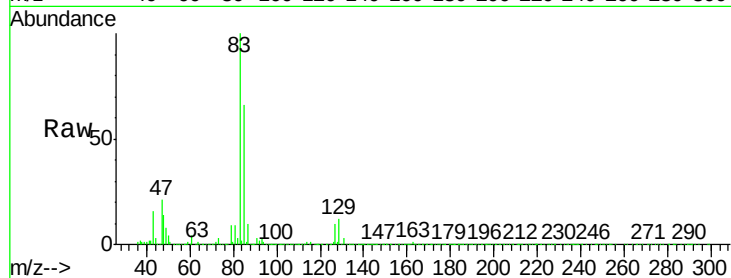
ClientSampleId :

VX0421WBSD01

Tot Ion:	83	Resp:	254283
Ion Ratio	Lower	Upper	
83	100		
85	65.8	49.7	74.5
127	9.5	6.7	10.1

Manual Integrations
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MMDadoda
4/22/2020 10:02:22 AM



#48

Methyl methacrylate

Concen: 17.367 ug/l

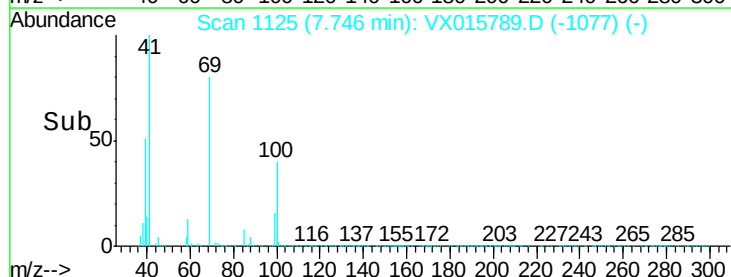
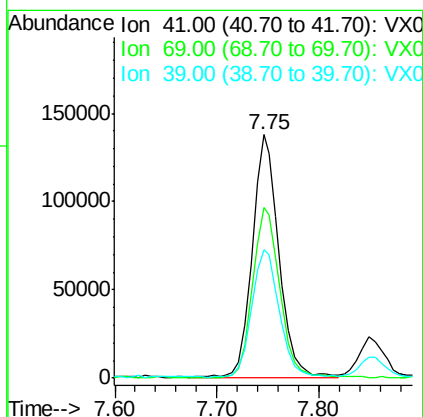
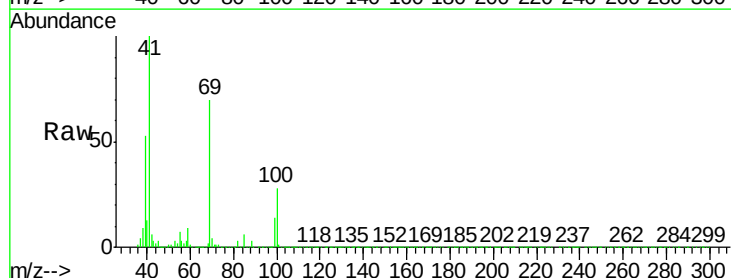
RT: 7.75 min Scan# 1125

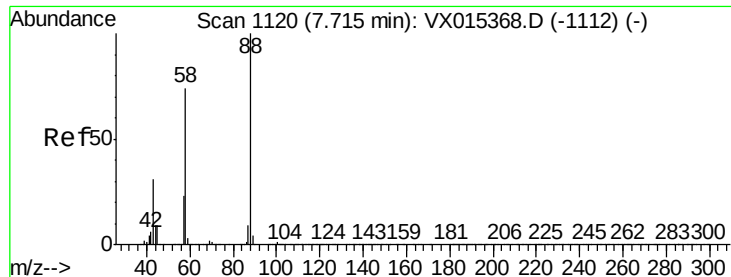
Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	41	Resp:	250195
Ion Ratio	Lower	Upper	
41	100		
69	71.9	56.7	85.1
39	54.2	46.5	69.7





#49

1,4-Dioxane

Concen: 307.303 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

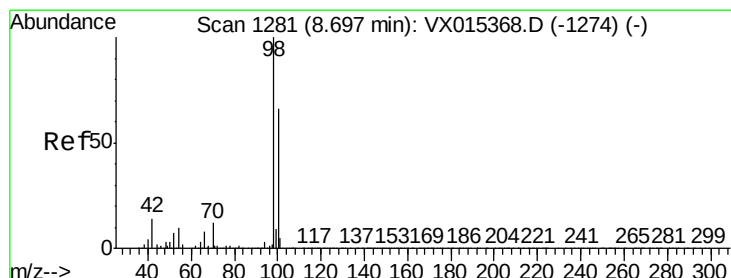
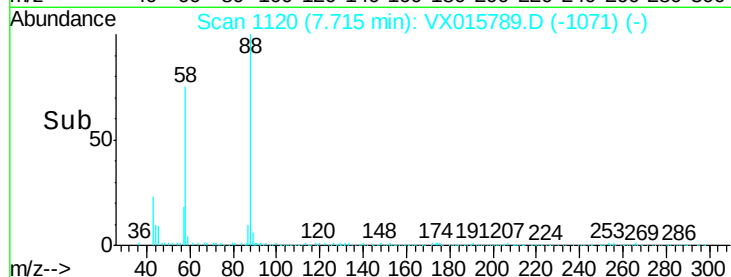
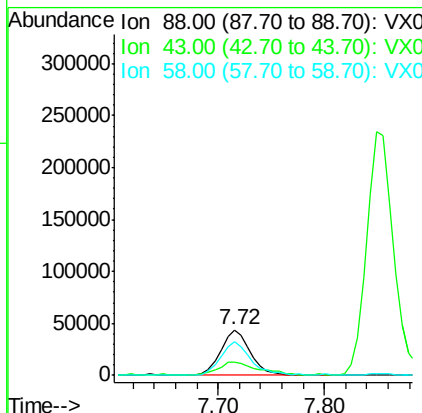
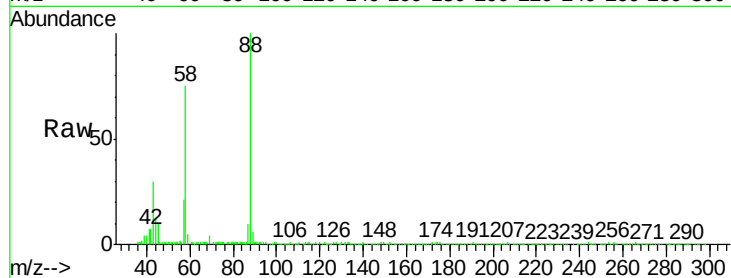
ClientSampleId :

VX0421WBSD01

Tot Ion:	88	Resp:	82586
Ion Ratio	Lower	Upper	
88	100		
43	41.0	30.1	45.1
58	75.3	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 52.948 ug/l

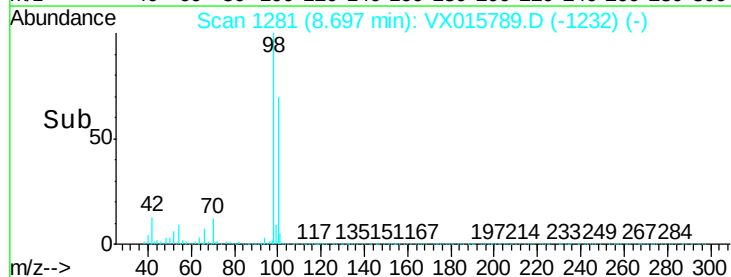
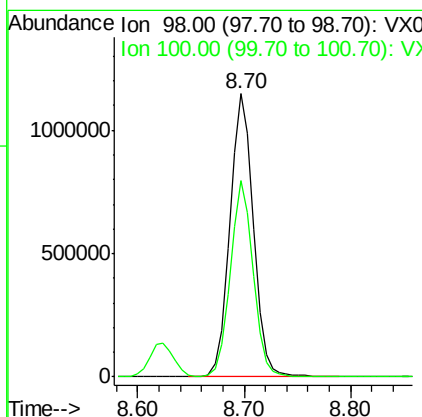
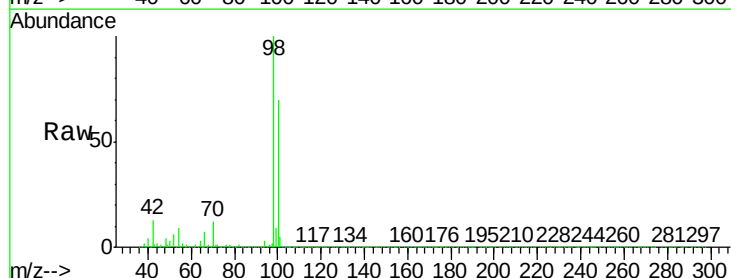
RT: 8.70 min Scan# 1281

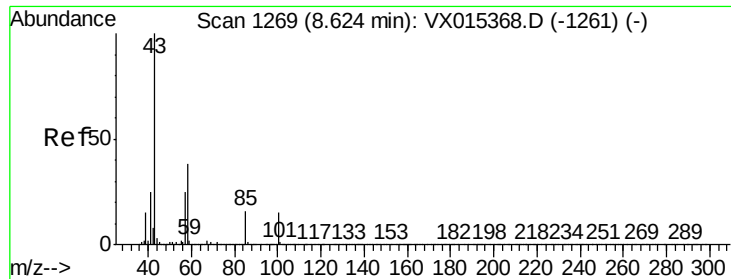
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	98	Resp:	1774586
Ion Ratio	Lower	Upper	
98	100		
100	67.6	53.5	80.3





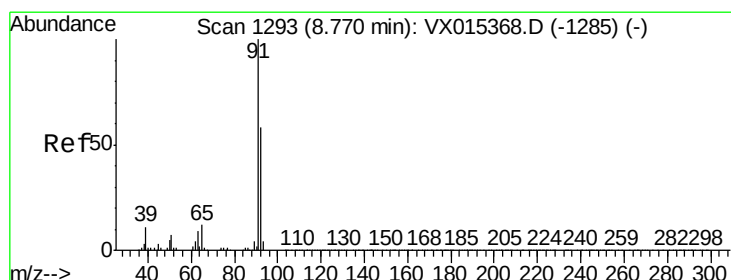
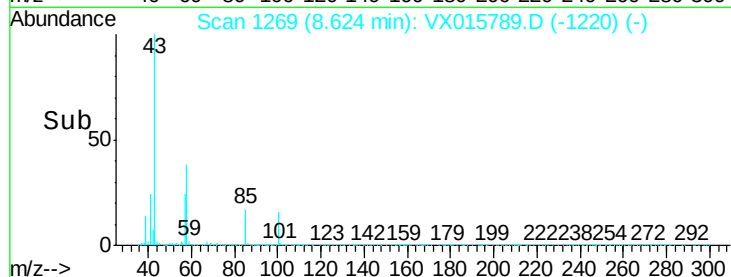
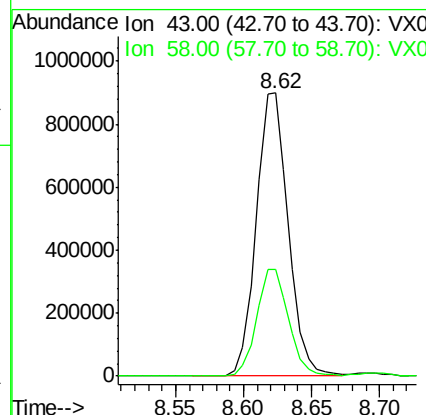
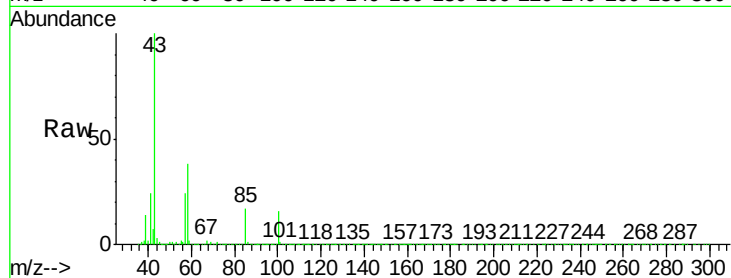
#51
4-Methyl-2-Pentanone
Concen: 90.701 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion: 43 Resp: 1482520
Ion Ratio Lower Upper
43 100
58 37.6 29.7 44.5

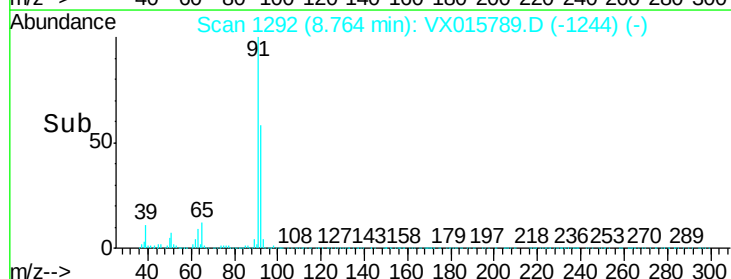
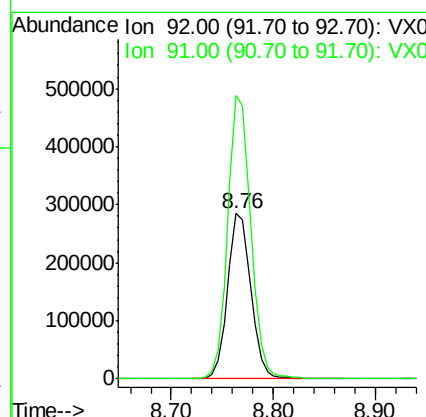
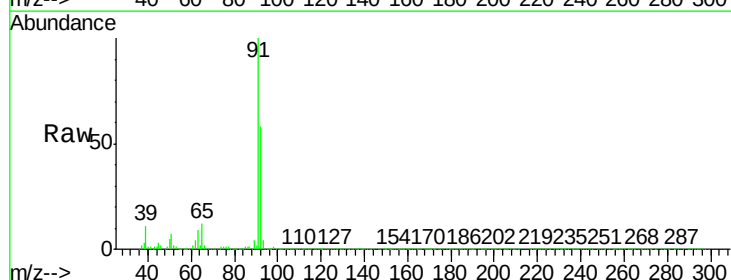
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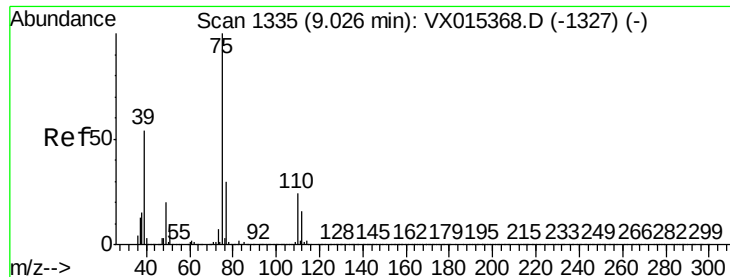
MMDadoda
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#52
Toluene
Concen: 19.063 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 92 Resp: 451735
Ion Ratio Lower Upper
92 100
91 169.3 136.6 205.0





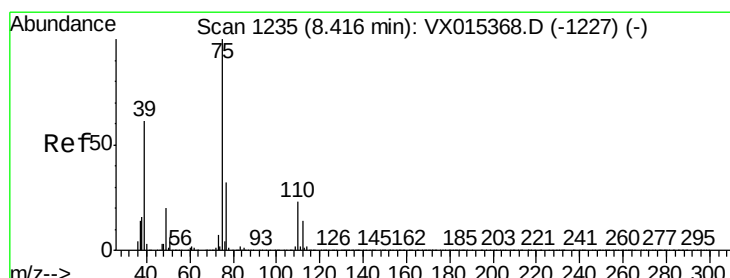
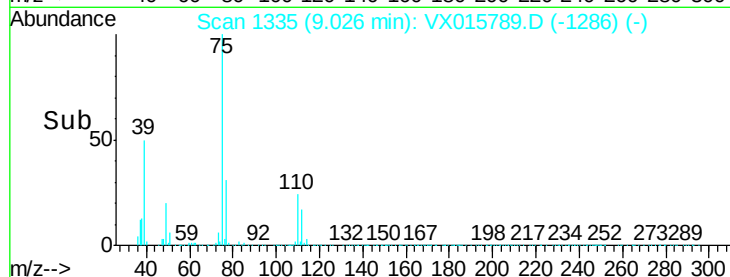
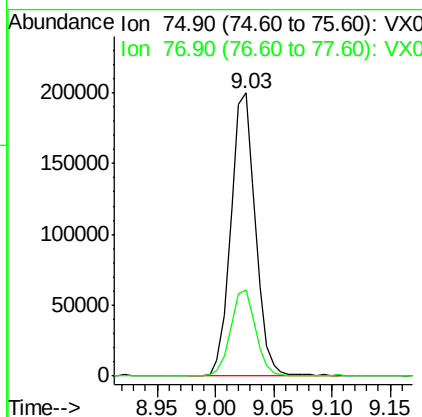
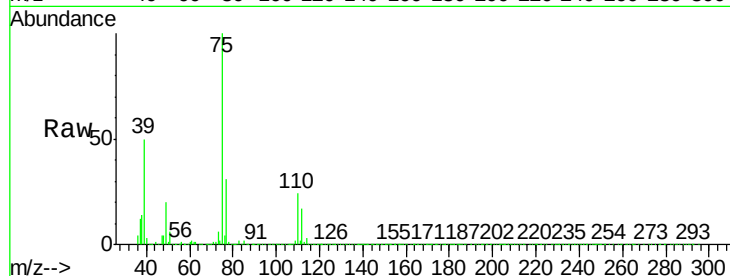
#53
t-1,3-Dichloropropene
Concen: 17.007 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	293143		
77	30.4	24.1	36.1	

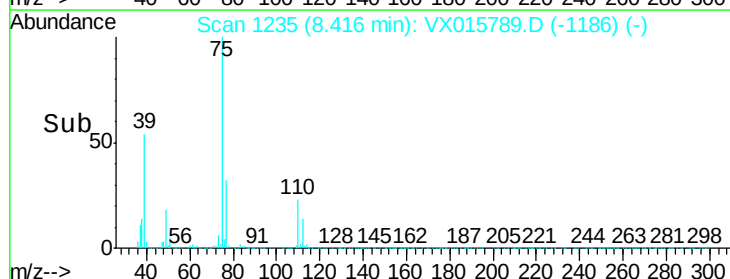
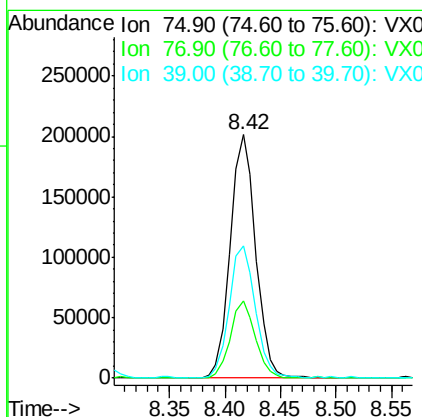
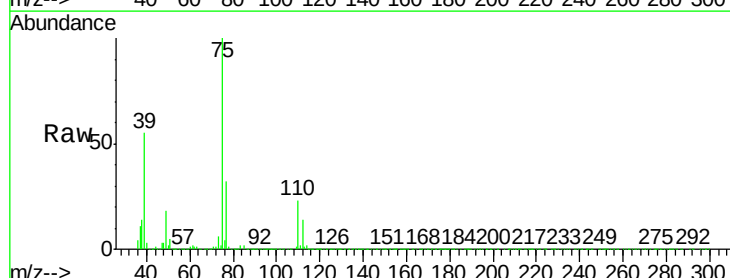
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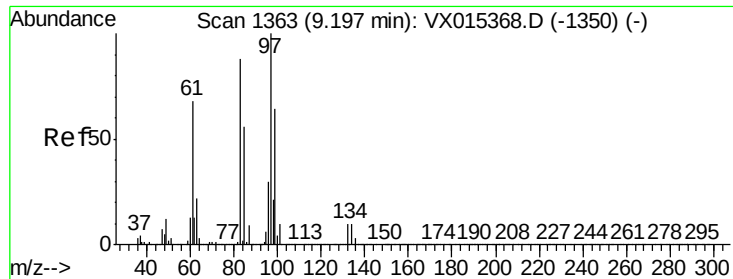
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#54
cis-1,3-Dichloropropene
Concen: 18.056 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	317037		
77	31.9	25.8	38.6	
39	54.6	49.0	73.4	





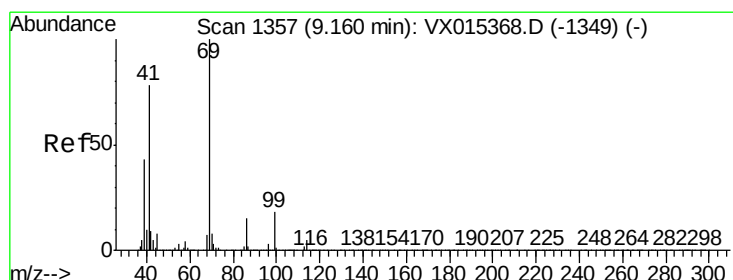
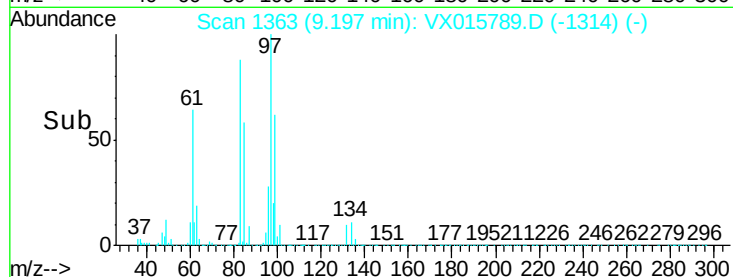
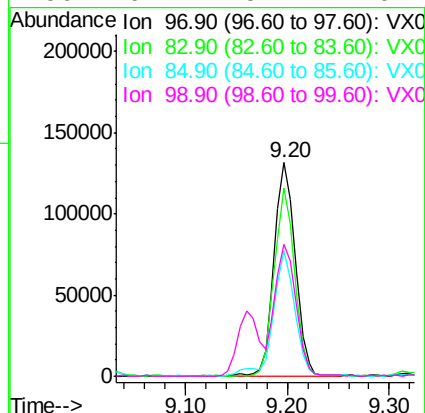
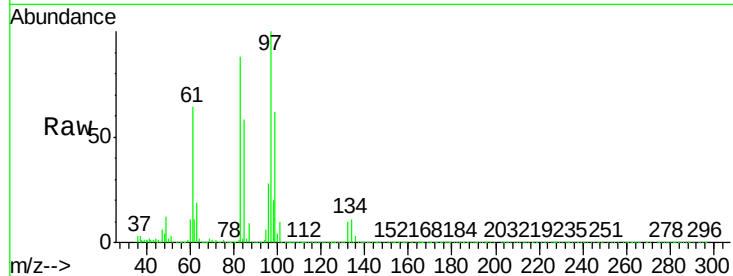
#55
 1,1,2-Trichloroethane
 Concen: 19.616 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		190446		
83	87.8	70.2	105.4		
85	58.2	44.7	67.1		
99	61.7	51.1	76.7		

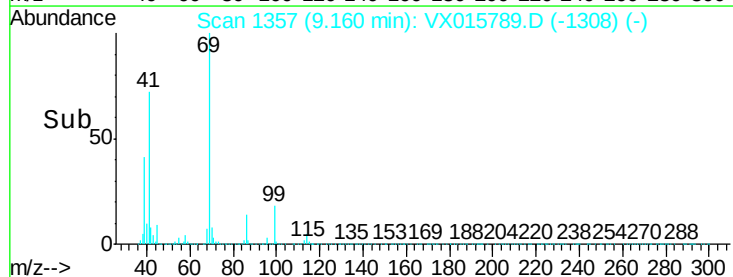
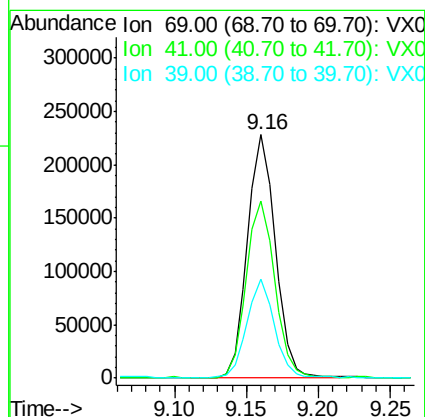
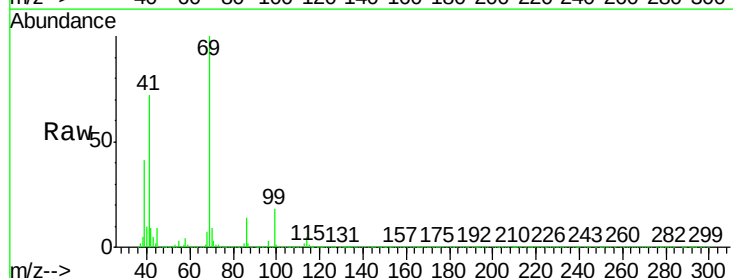
Manual Integrations
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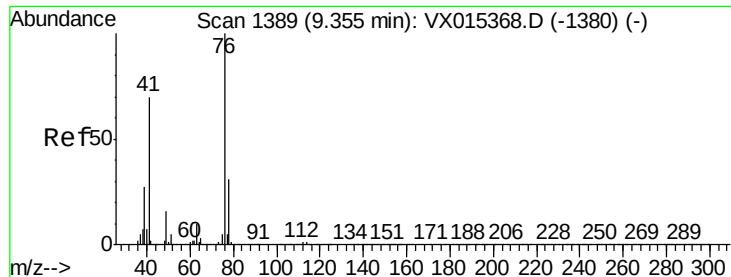
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 4/22/2020 10:02:22 AM



#56
 Ethyl methacrylate
 Concen: 17.911 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		306468		
41	74.0	61.6	92.4		
39	39.8	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.797 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion: 76 Resp: 328798

Ion Ratio Lower Upper

76 100

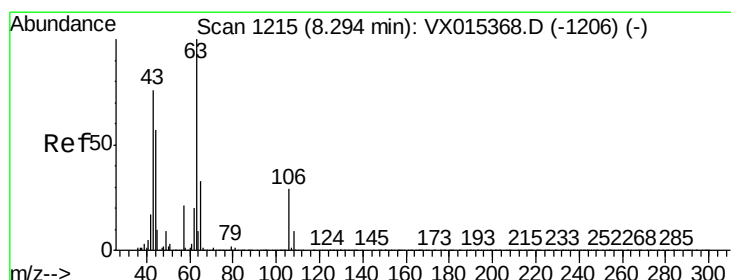
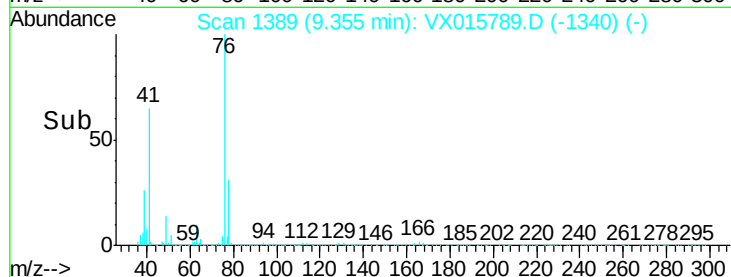
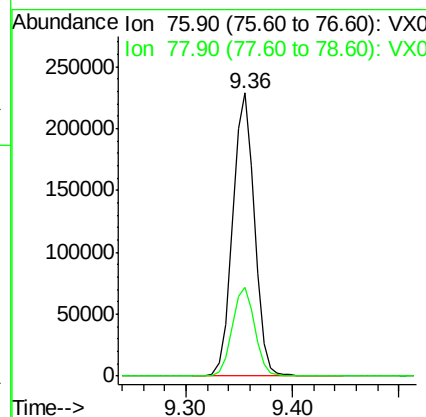
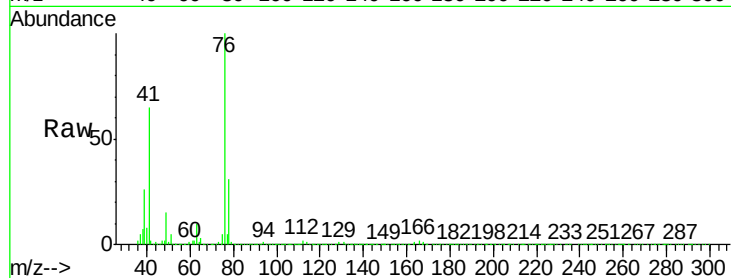
78 32.4 25.8 38.8

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4/22/2020 10:02:22 AM



#58

2-Chloroethyl Vinyl ether

Concen: 81.177 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015789.D

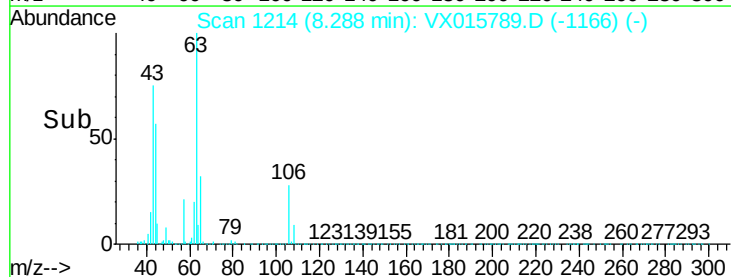
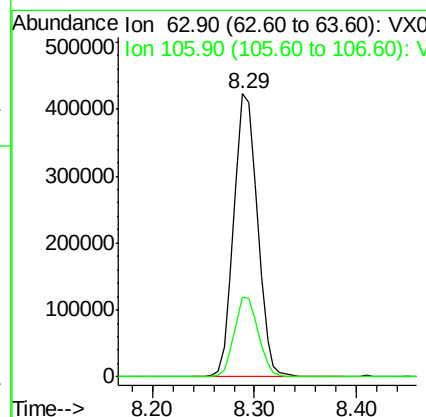
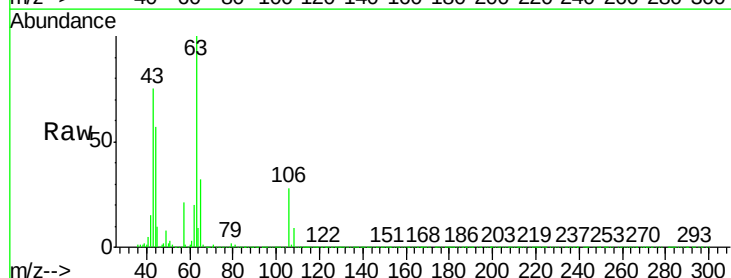
Acq: 21 Apr 2020 13:15

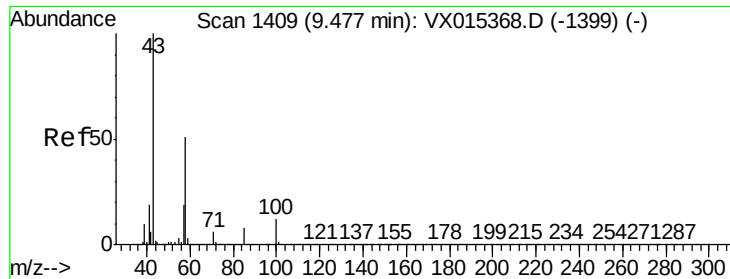
Tgt Ion: 63 Resp: 675608

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





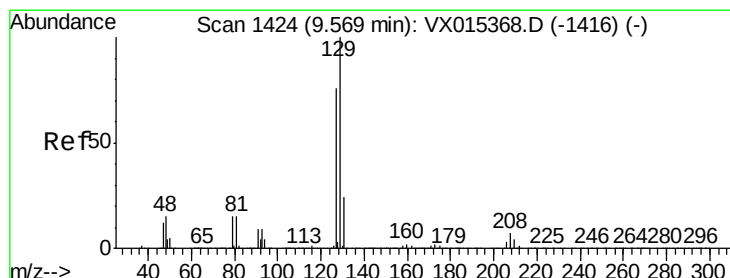
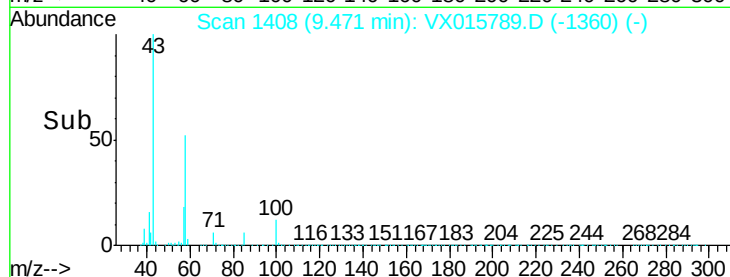
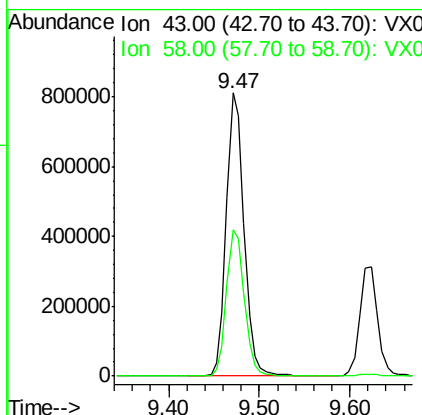
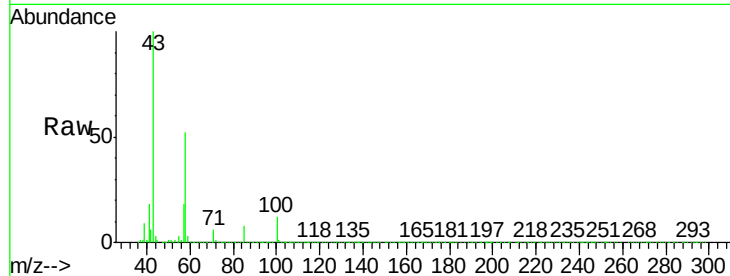
#59
2-Hexanone
Concen: 89.500 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion: 43 Resp: 1104452
Ion Ratio Lower Upper
43 100
58 52.2 25.6 76.6

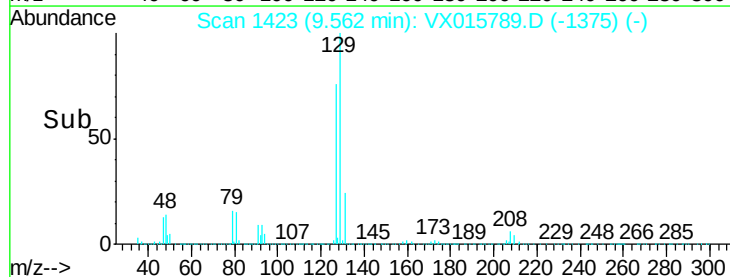
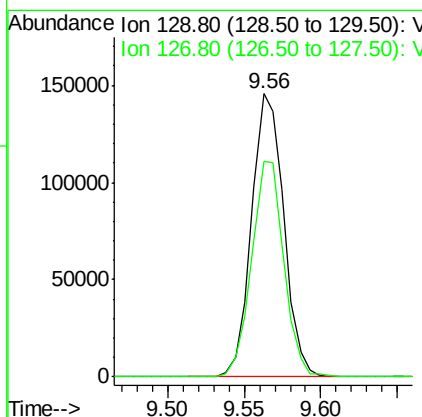
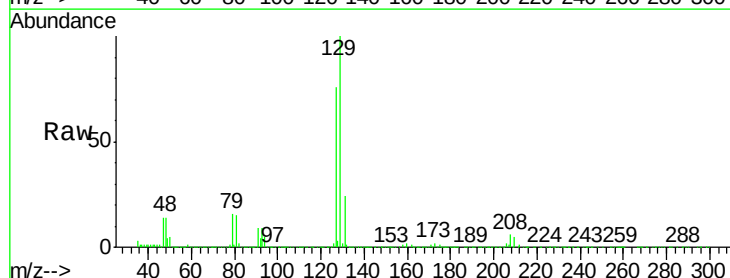
Manual Integrations
APPROVED

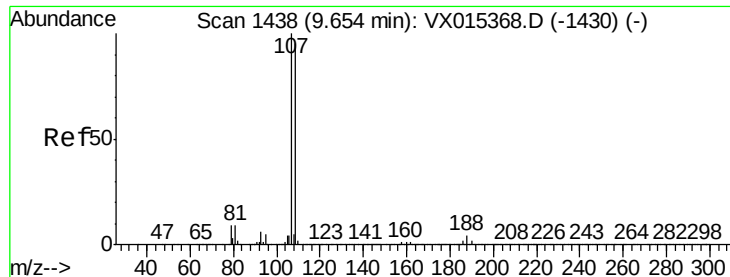
MMDadoda
4/22/2020 10:02:22 AM



#60
Dibromochloromethane
Concen: 18.258 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 129 Resp: 213007
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.045 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion: 107 Resp: 201055

Ion Ratio Lower Upper

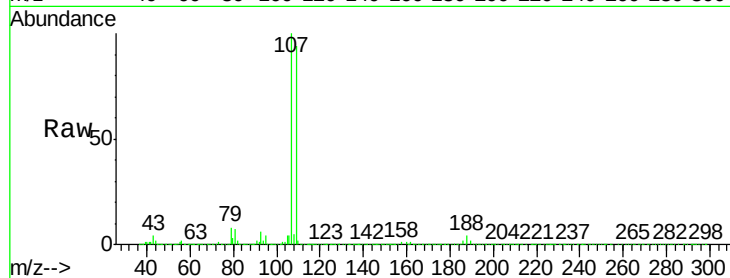
107 100

109 95.0 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

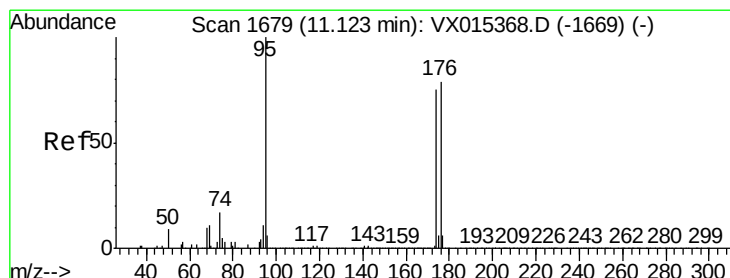
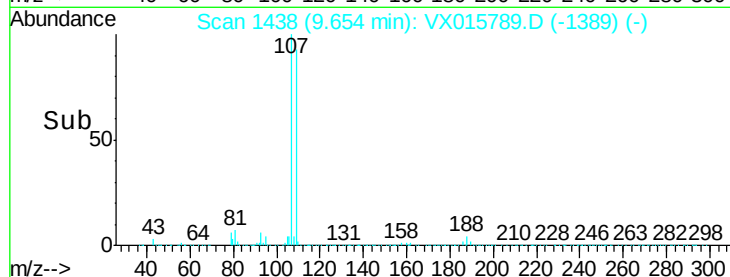
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.018 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

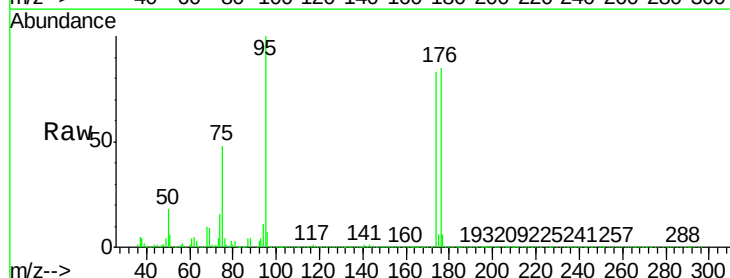
Tgt Ion: 95 Resp: 722158

Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.6

176 83.4 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

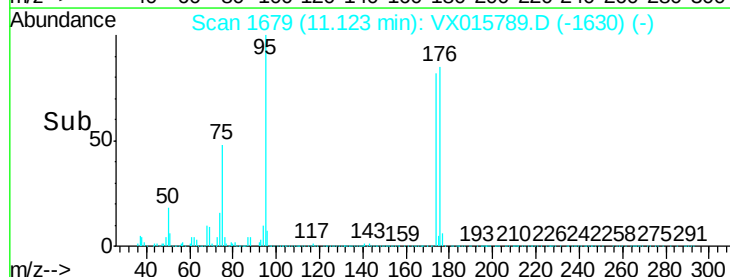
600000

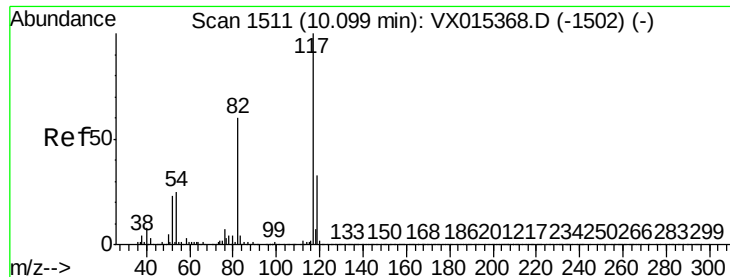
400000

200000

0

Time-->





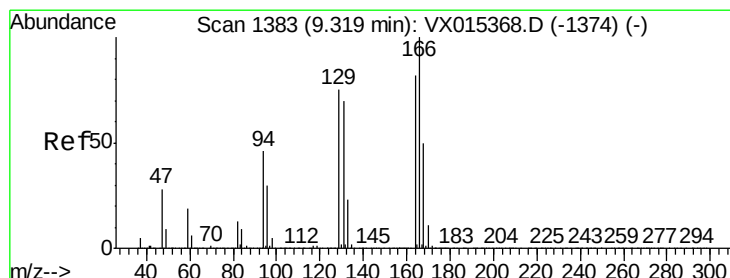
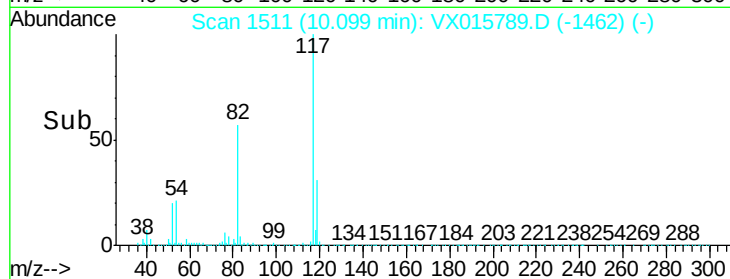
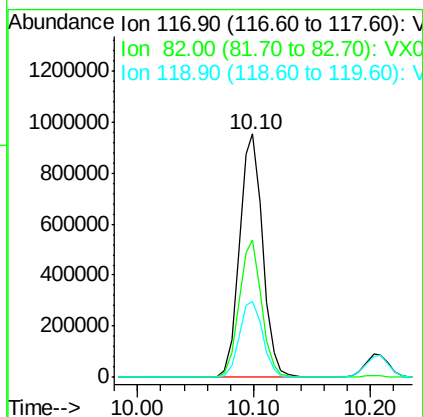
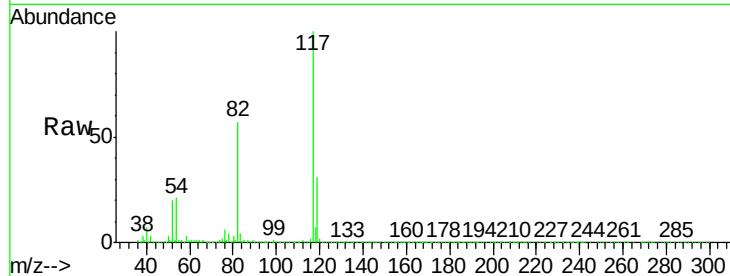
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.8	71.8
119	31.4	26.8	40.2

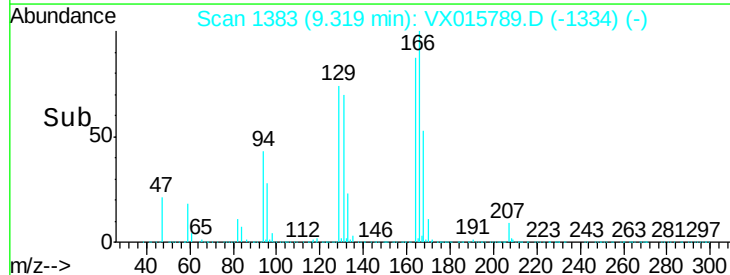
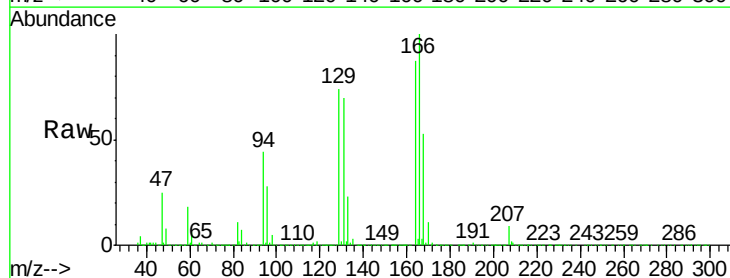
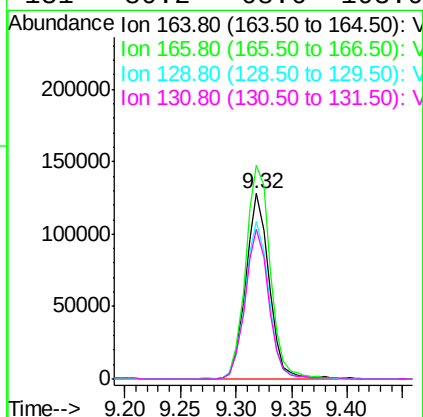
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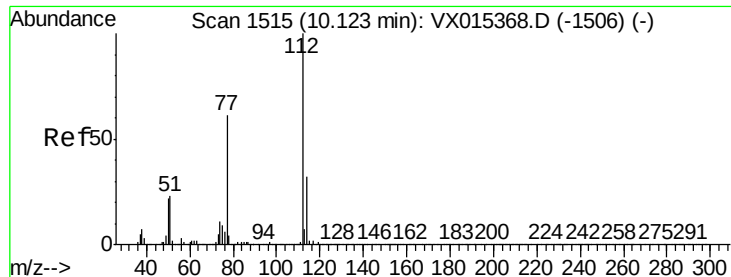
MMDadoda
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#64
Tetrachloroethene
Concen: 18.808 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.0	97.8	146.6
129	84.4	73.0	109.4
131	80.2	68.6	103.0





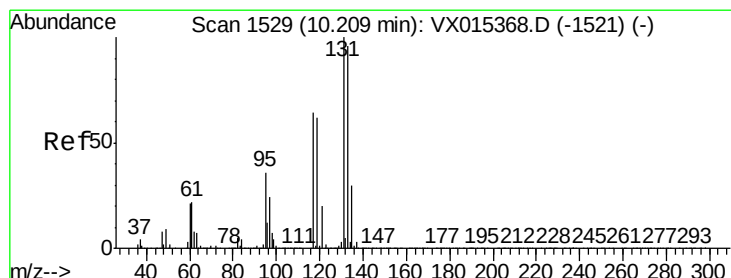
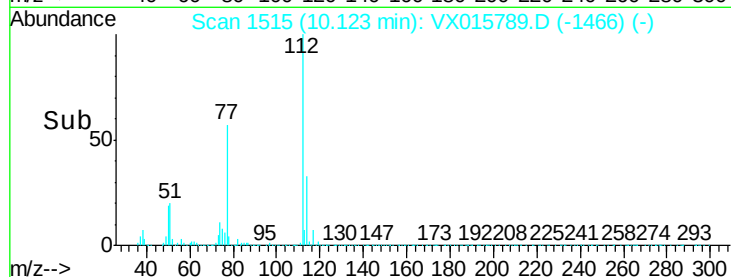
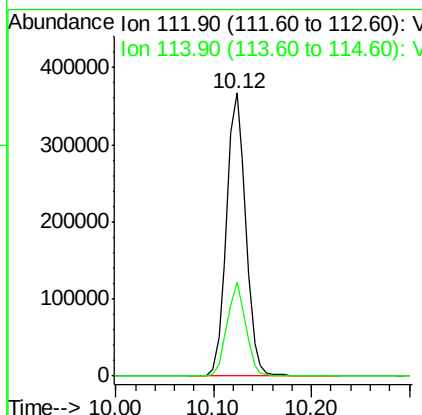
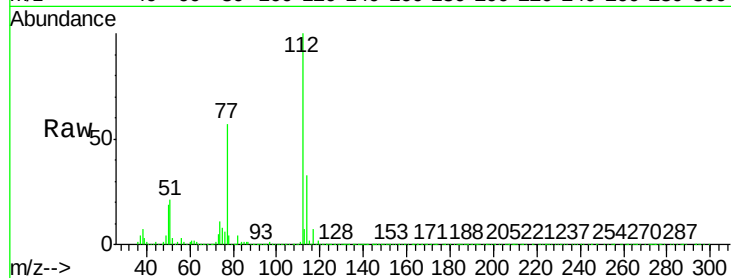
#65
Chlorobenzene
Concen: 19.098 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.5	38.3

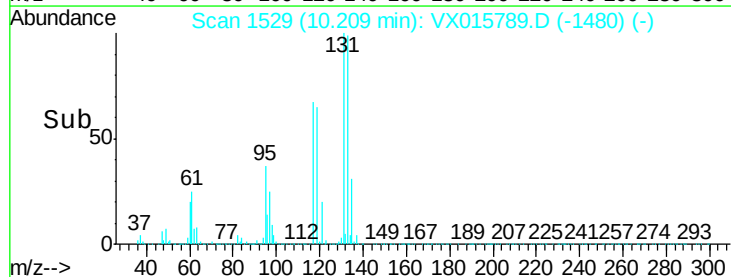
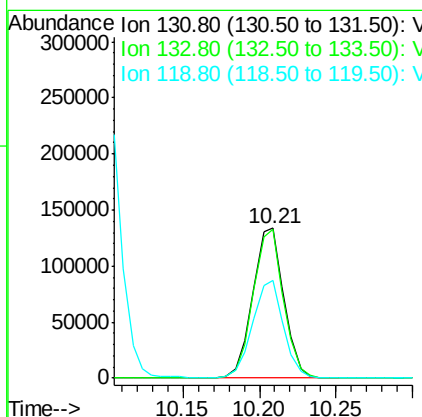
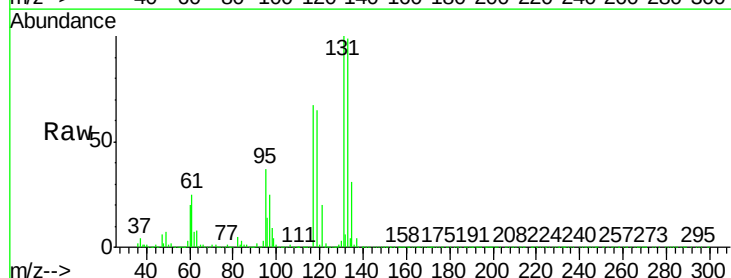
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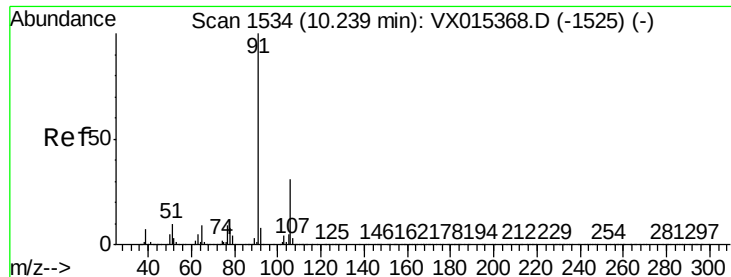
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.159 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.6	142.9
119	64.0	31.1	93.3





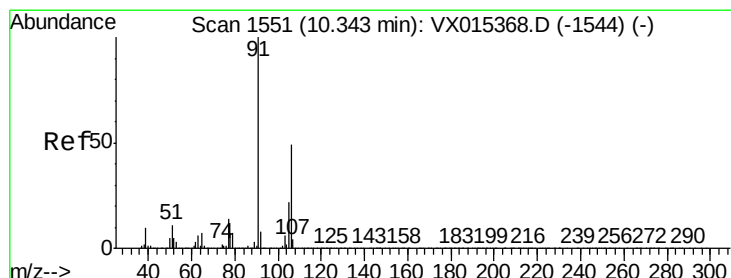
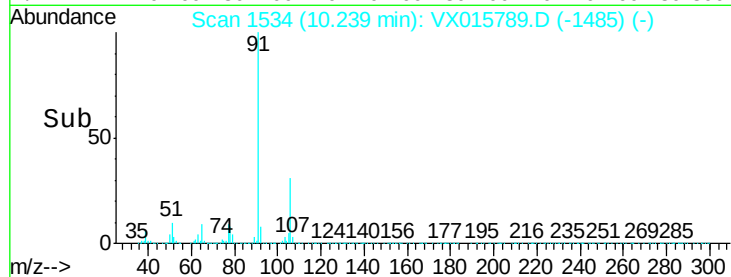
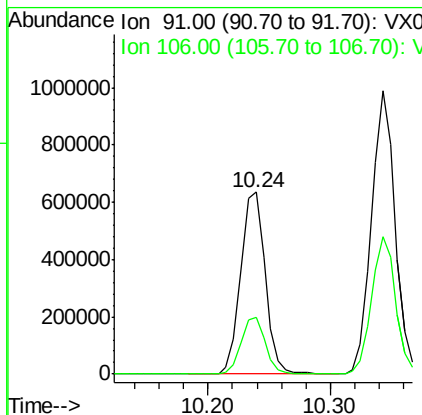
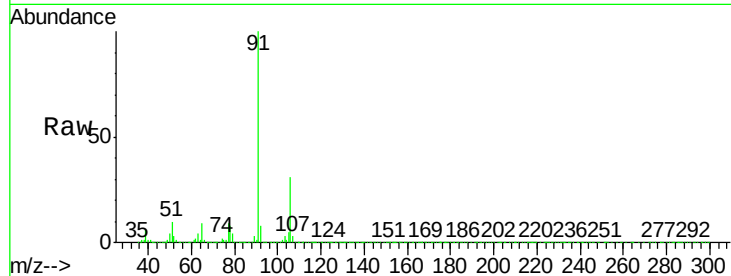
#67
Ethyl Benzene
Concen: 18.967 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion: 91 Resp: 881487
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

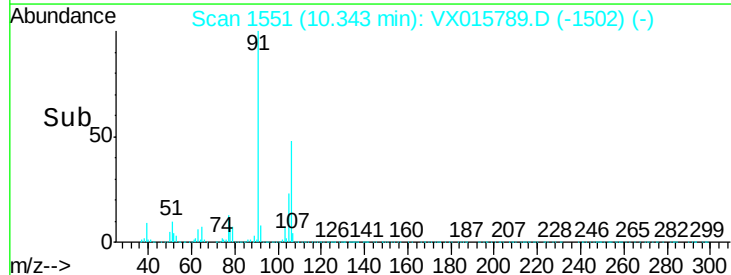
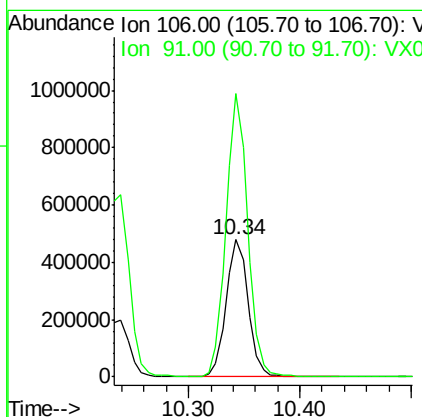
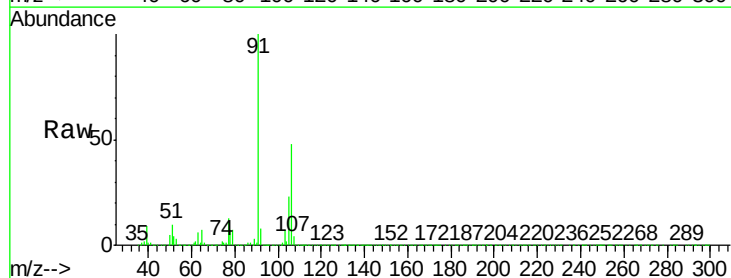
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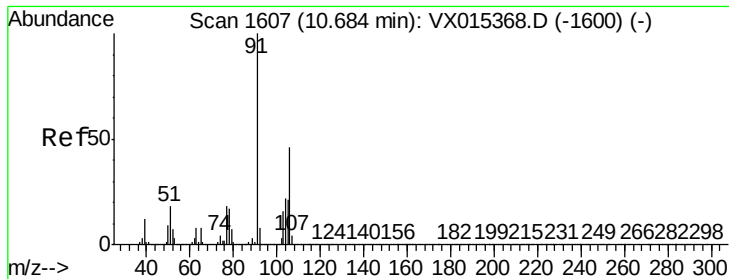
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#68
m/p-Xylenes
Concen: 37.972 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion: 106 Resp: 657142
Ion Ratio Lower Upper
106 100
91 202.6 163.4 245.0





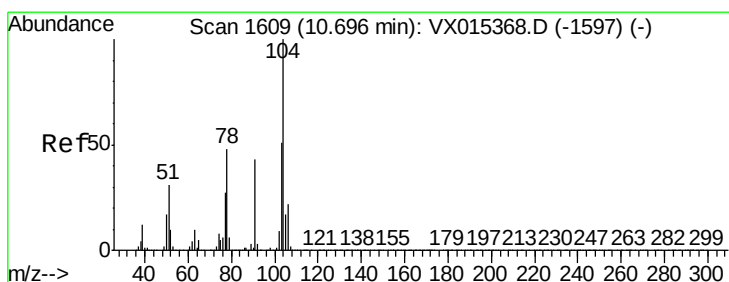
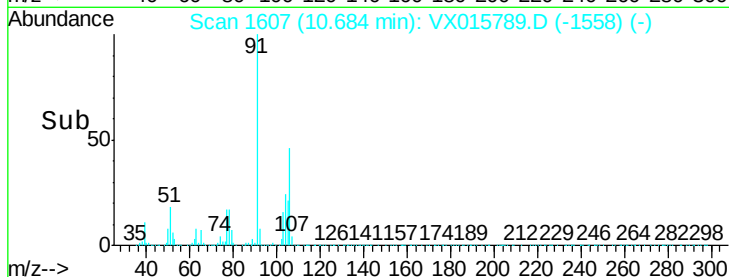
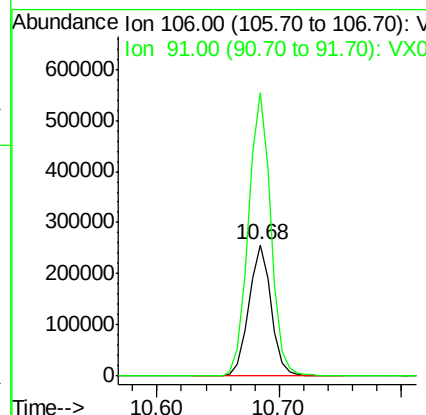
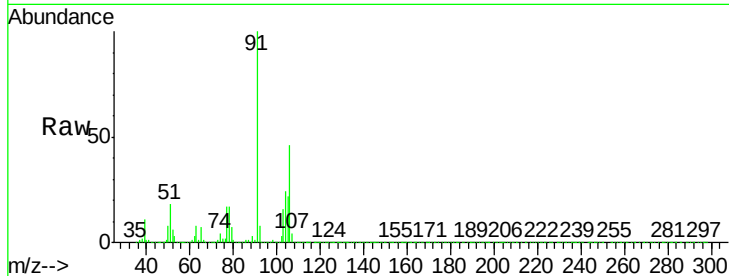
#69
o-Xylene
Concen: 18.863 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.7	107.1	321.3

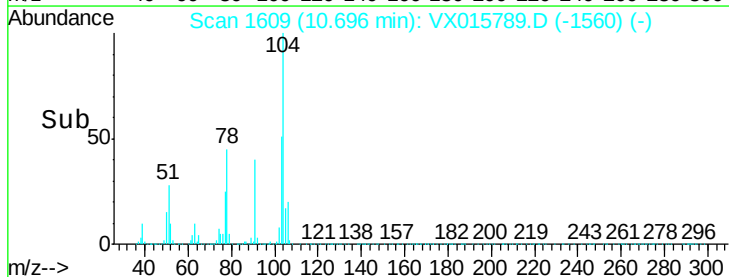
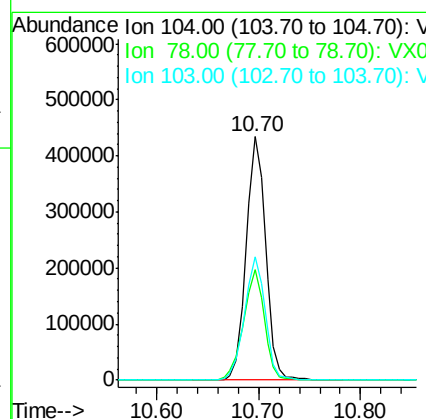
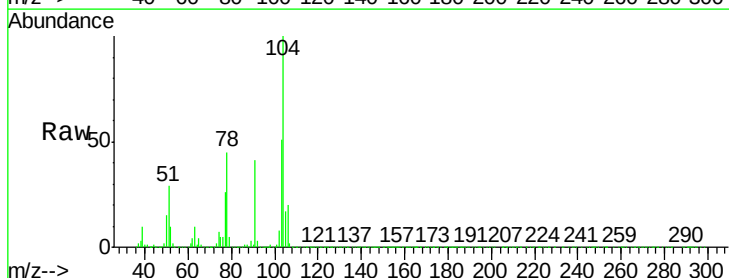
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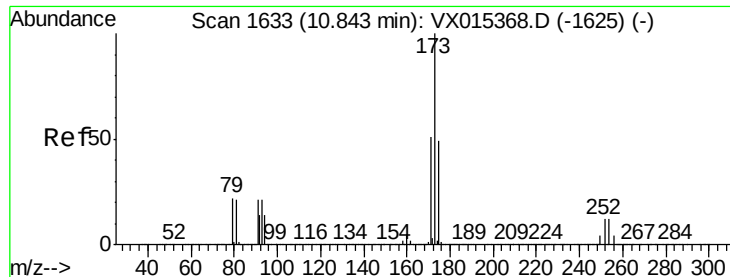
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#70
Styrene
Concen: 18.964 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	42.0	63.0
103	53.7	43.4	65.0





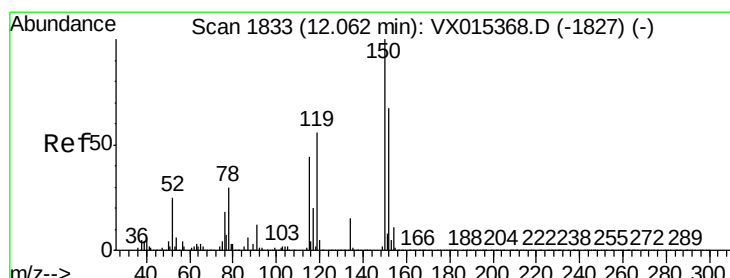
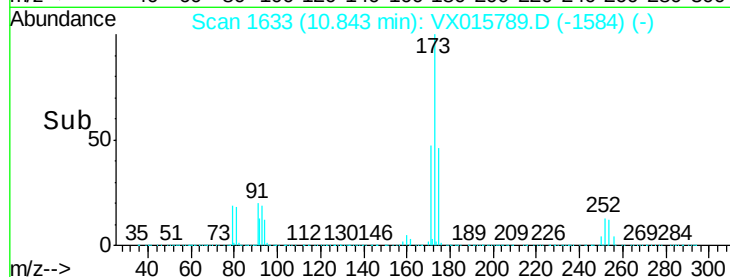
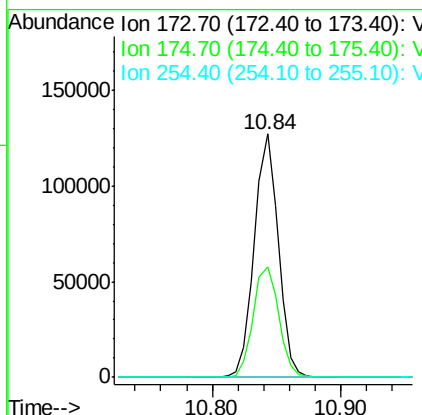
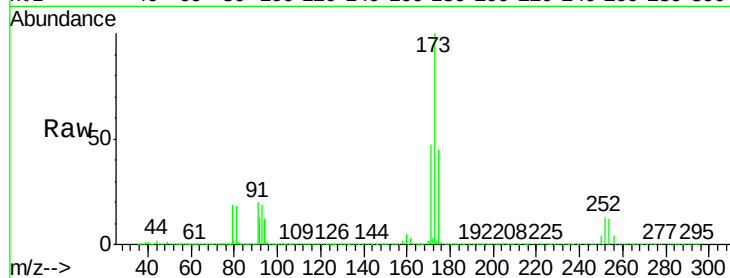
#71
Bromoform
Concen: 17.007 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampled :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.9	71.7
254	0.2	0.1	0.1#

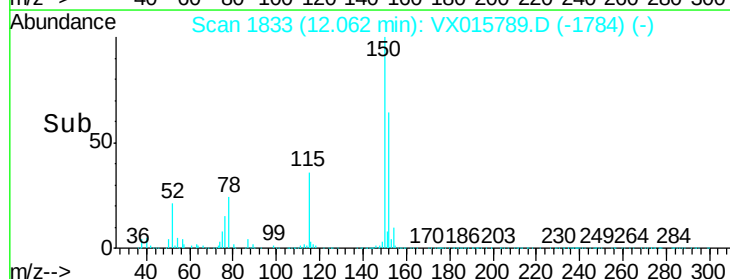
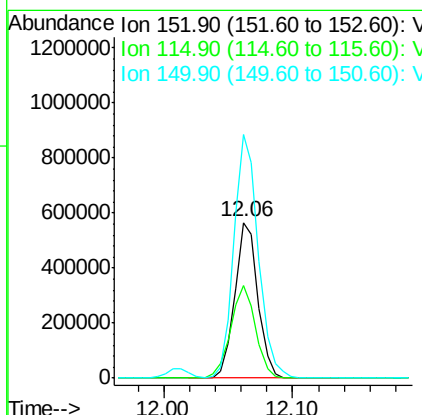
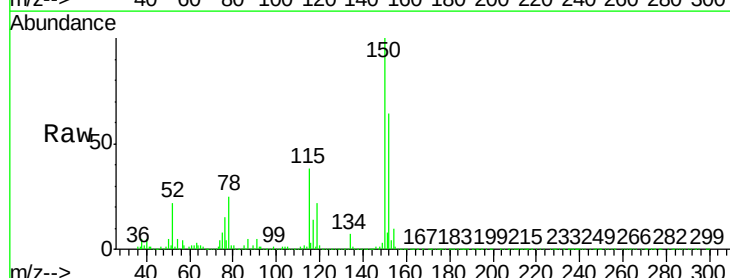
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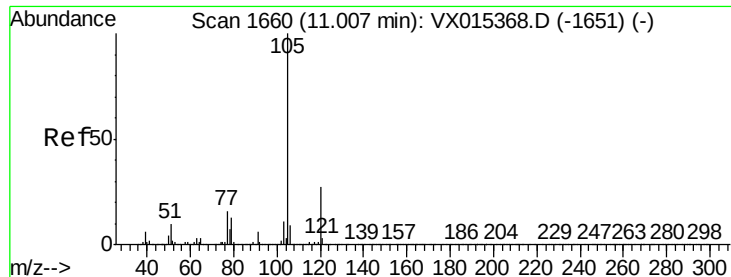
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	39.0	116.9
150	165.3	0.0	340.8





#73

Isopropylbenzene

Concen: 18.895 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD01

Tot Ion:105 Resp: 871068

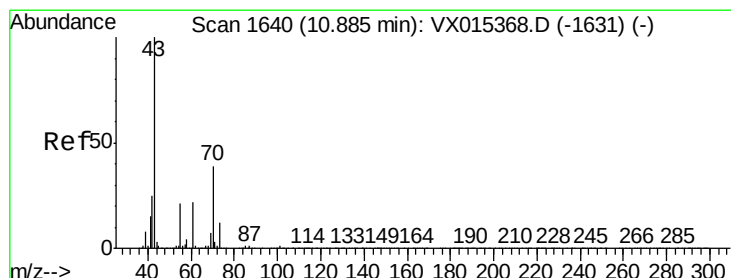
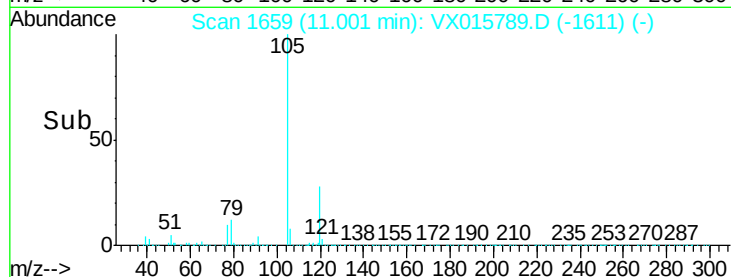
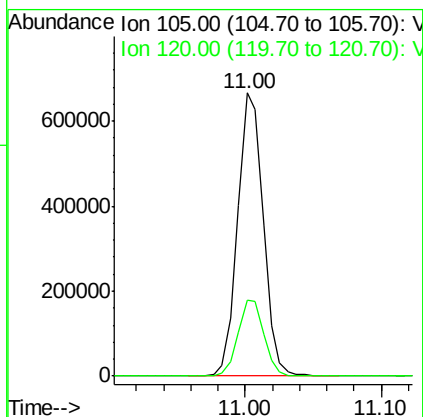
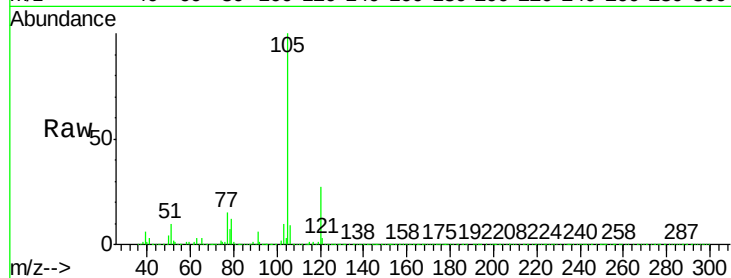
Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.528 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion: 43 Resp: 423786

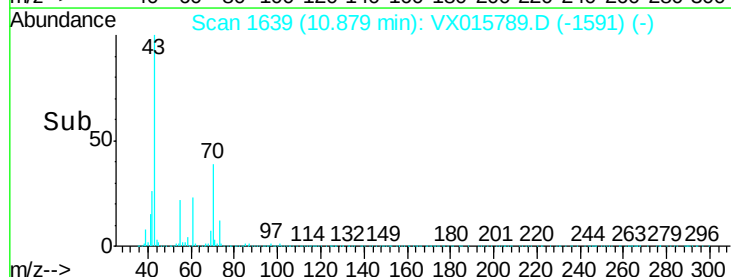
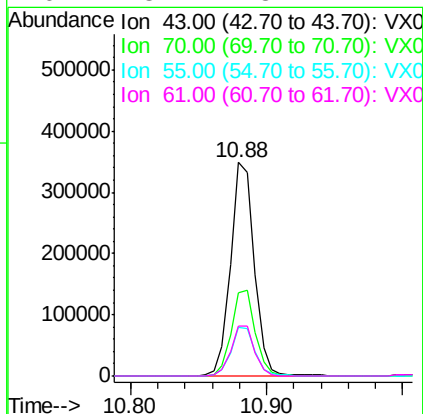
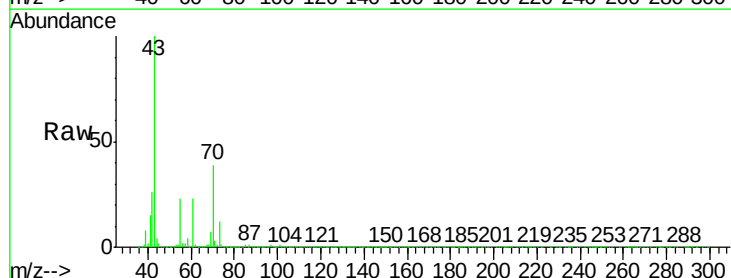
Ion Ratio Lower Upper

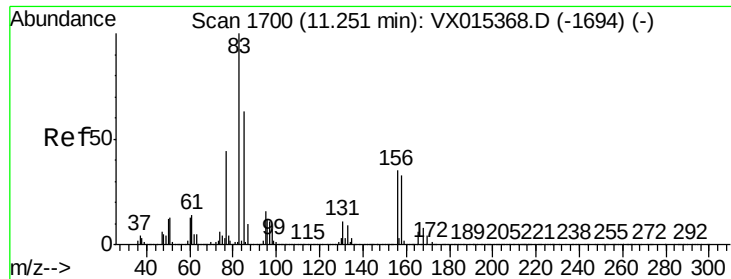
43 100

70 40.4 30.2 45.4

55 22.6 16.8 25.2

61 23.1 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.219 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

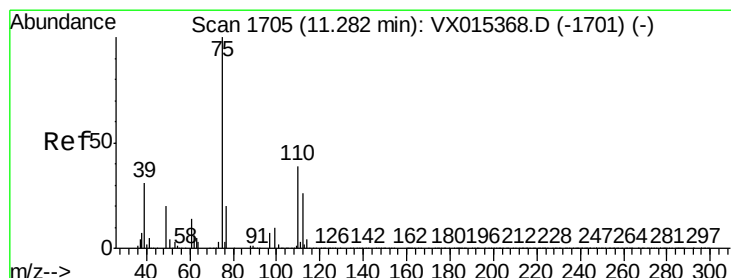
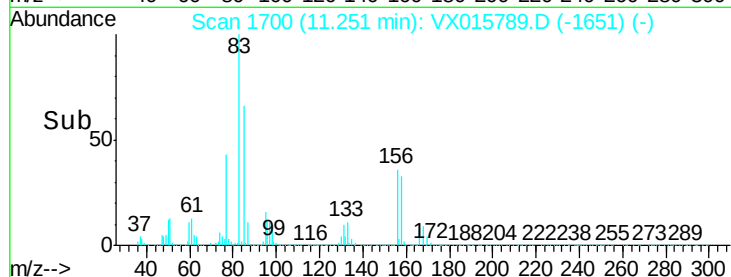
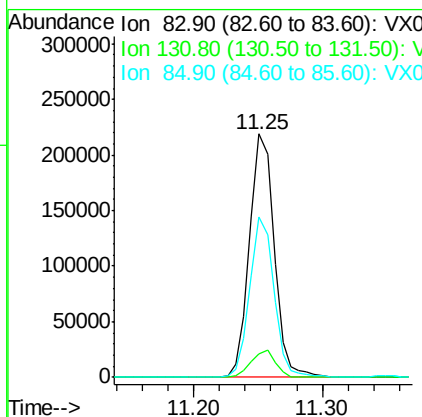
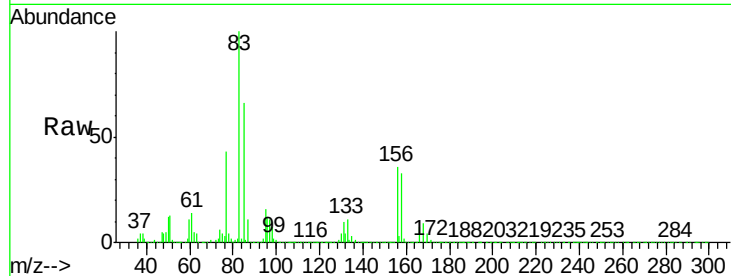
ClientSampleId :

VX0421WBSD01

Tot Ion:	83	Resp:	288208
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	65.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.024 ug/l m

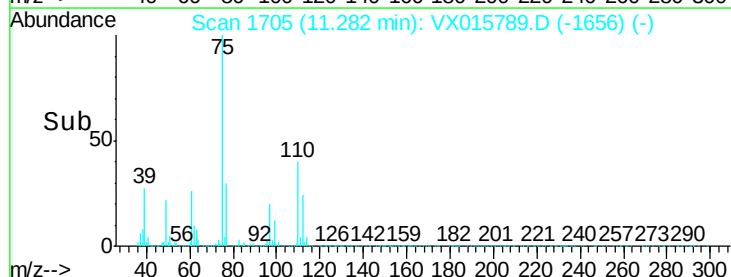
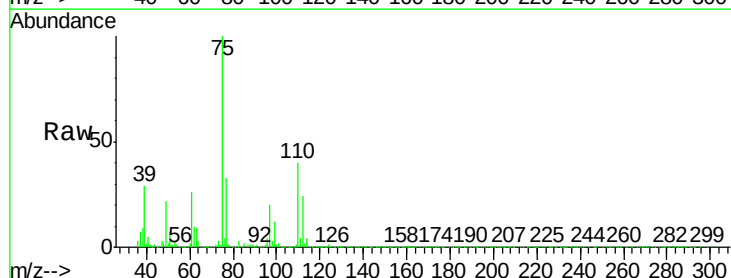
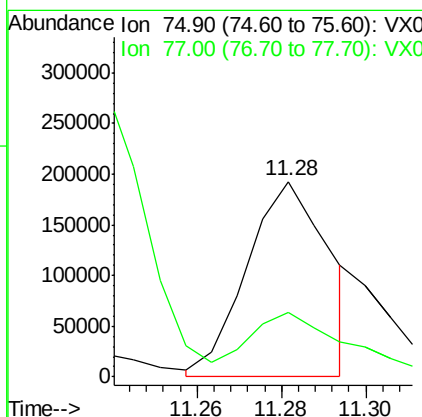
RT: 11.28 min Scan# 1705

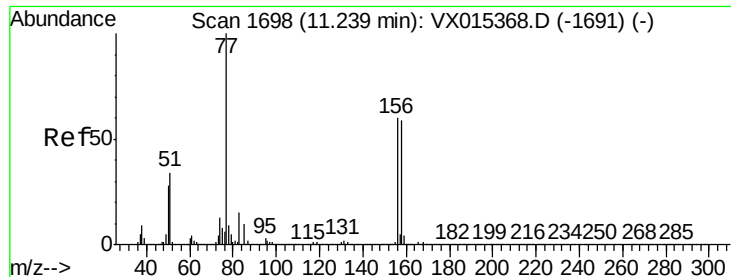
Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	75	Resp:	260792
Ion Ratio	Lower	Upper	
75	100		
77	39.9	21.2	63.6





#77

Bromobenzene

Concen: 19.319 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

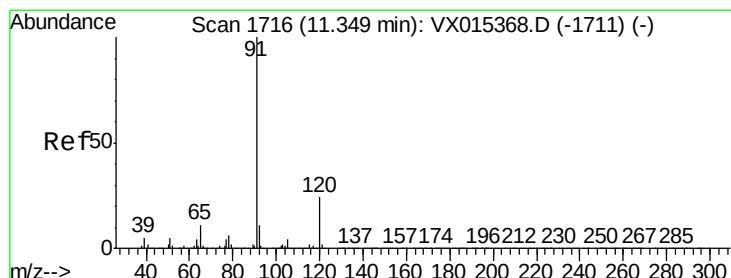
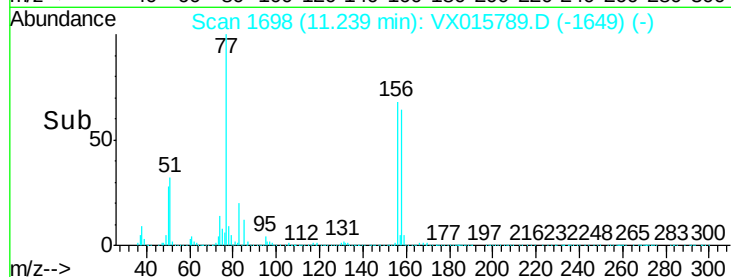
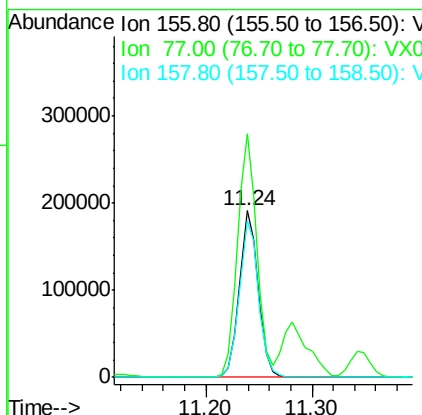
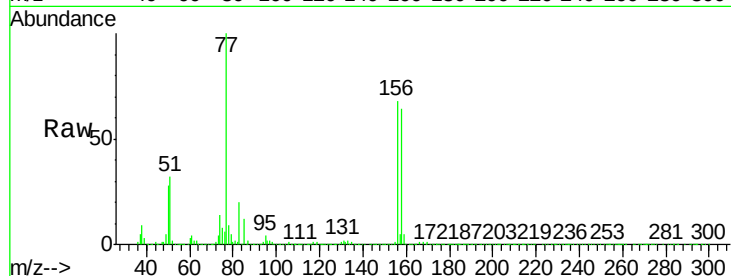
ClientSampleId :

VX0421WBSD01

Tot Ion:	156	Resp:	237558
Ion Ratio	Lower	Upper	
156	100		
77	150.0	82.2	246.5
158	95.8	49.3	147.9

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4/22/2020 10:02:22 AM



#78

n-propylbenzene

Concen: 18.697 ug/l

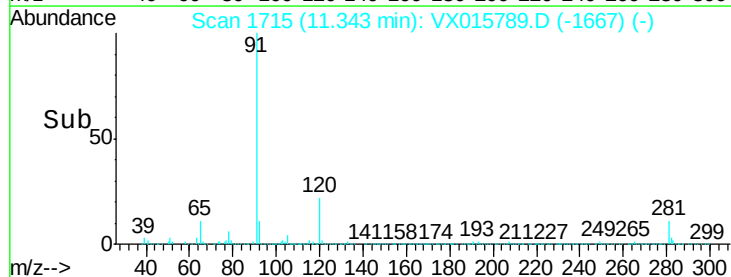
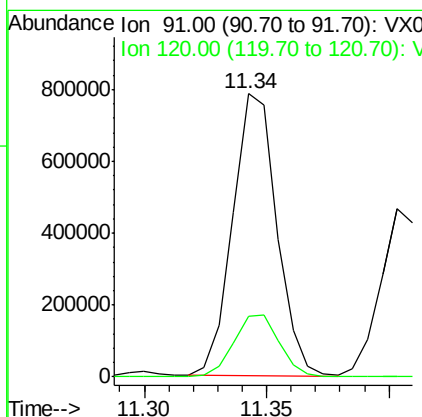
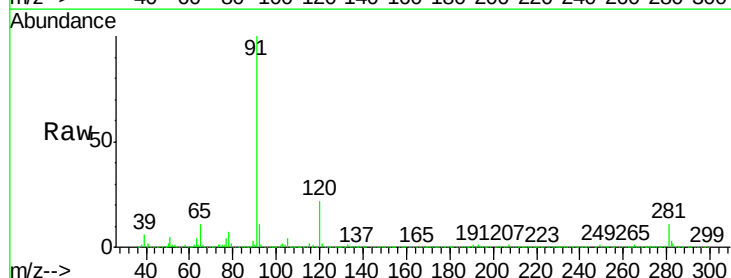
RT: 11.34 min Scan# 1715

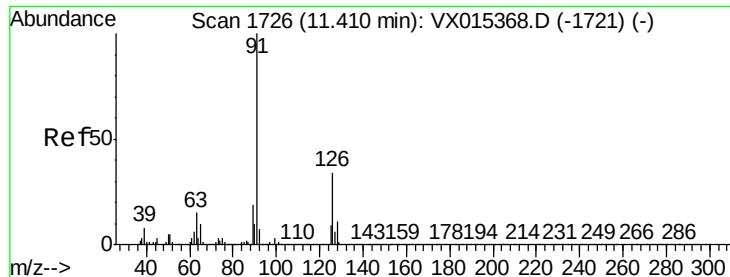
Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Tgt Ion:	91	Resp:	985589
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.461 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015789.D

Acq: 21 Apr 2020 13:15

Instrument :

MSVOA_X

ClientSampled :

VX0421WBSD01

Tot Ion: 91 Resp: 596474

Ion Ratio Lower Upper

91 100

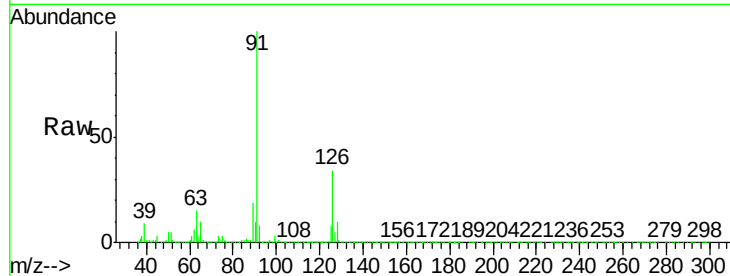
126 34.6 16.5 49.5

Manual Integrations

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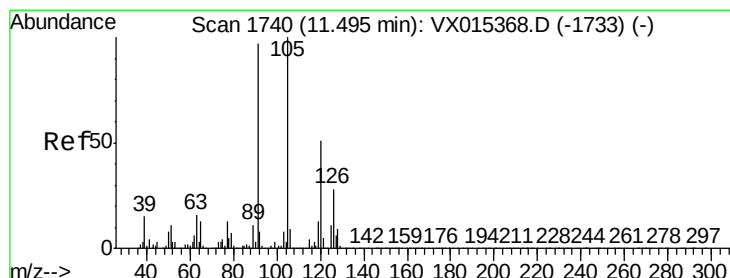
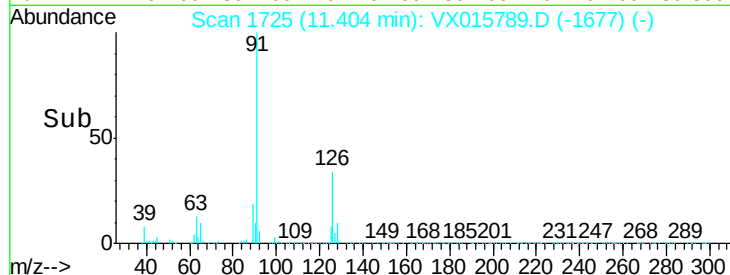
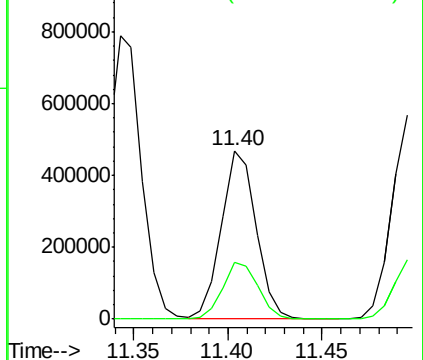
MMDadoda

4/22/2020 10:02:22 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.901 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015789.D

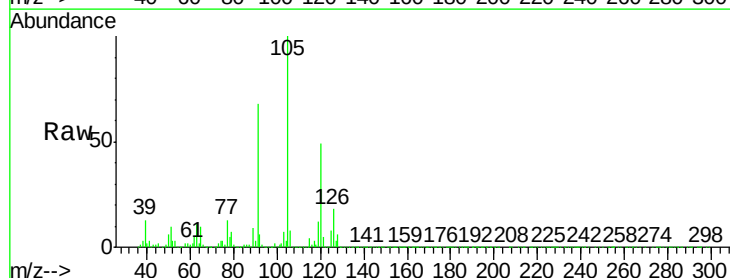
Acq: 21 Apr 2020 13:15

Tgt Ion: 105 Resp: 744180

Ion Ratio Lower Upper

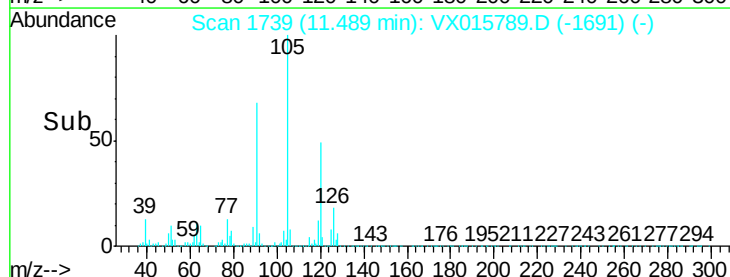
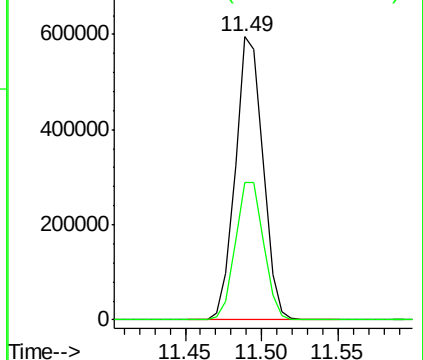
105 100

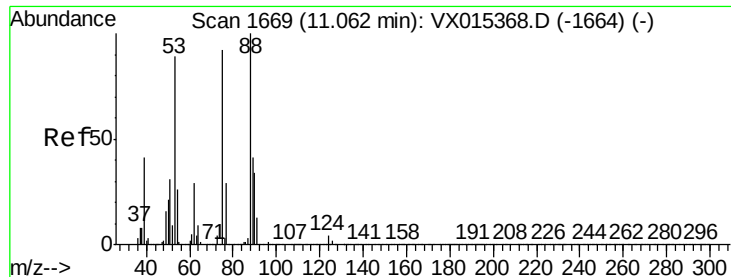
120 49.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





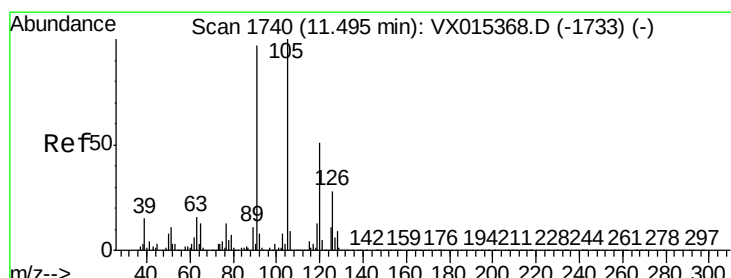
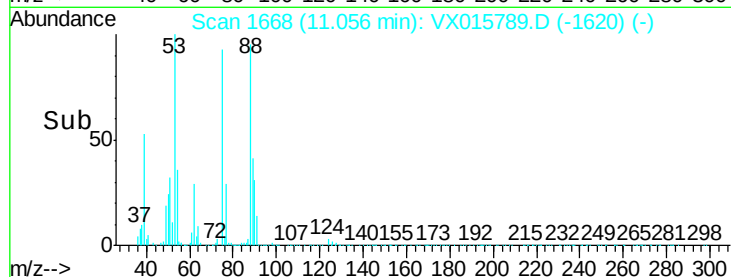
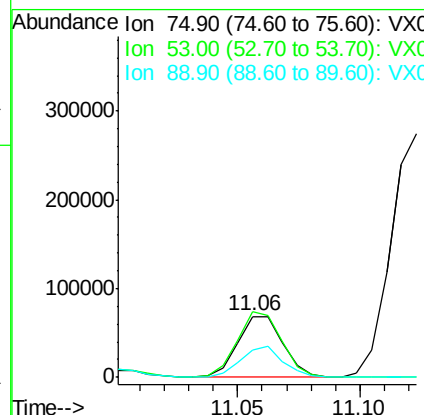
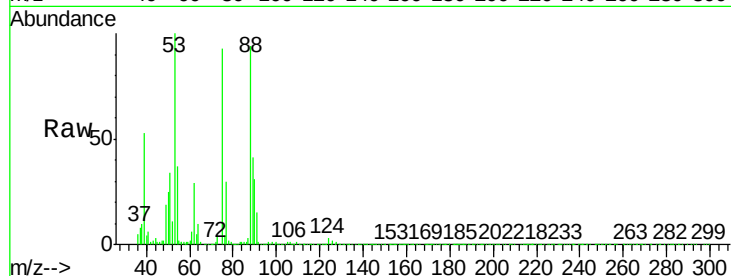
#81
trans-1,4-Dichloro-2-butene
Concen: 14.648 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.2	80.1	120.1
89	48.0	36.1	54.1

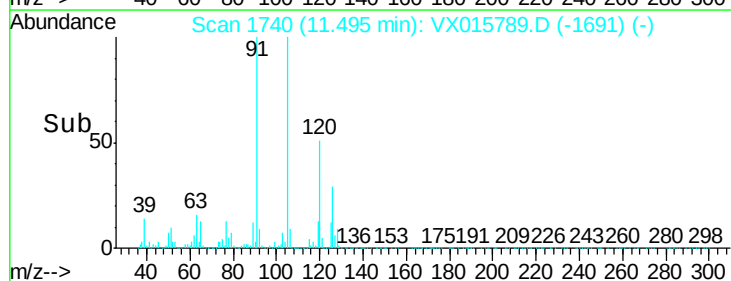
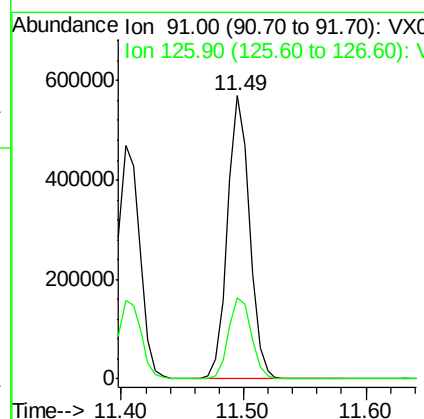
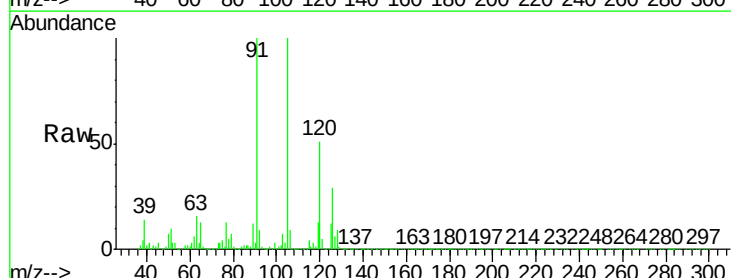
Manual Integrations
APPROVED

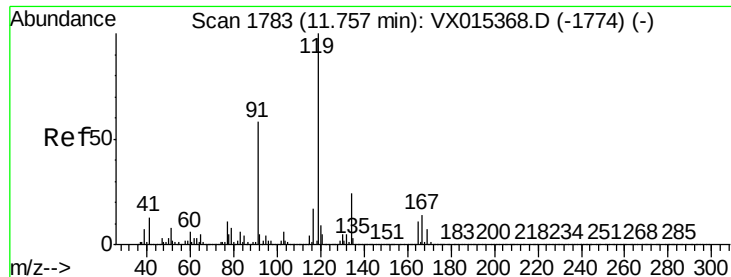
MMDadoda
4/22/2020 10:02:22 AM



#82
4-Chlorotoluene
Concen: 18.724 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1





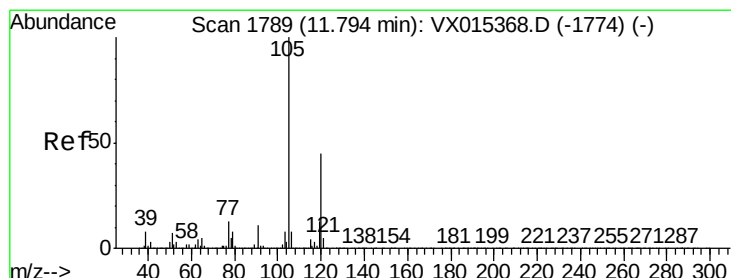
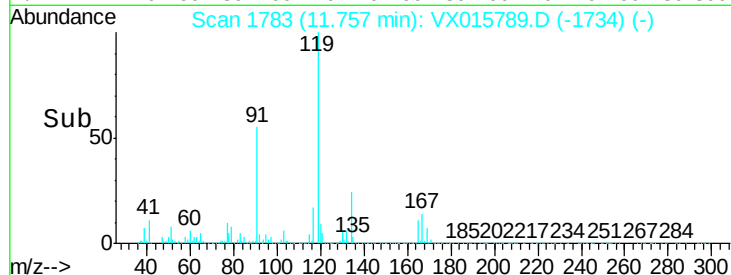
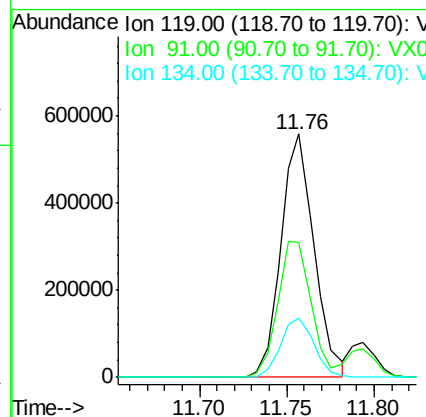
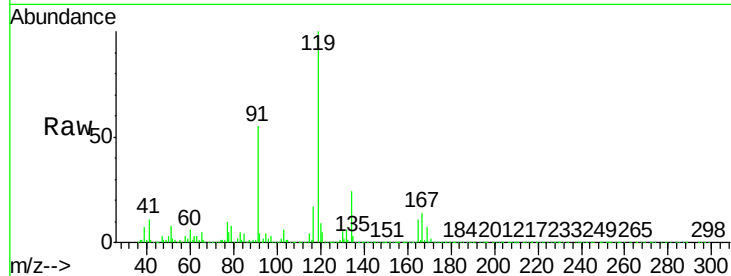
#83
 tert-Butylbenzene
 Concen: 19.216 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	28.6	85.8
134	24.4	11.8	35.3

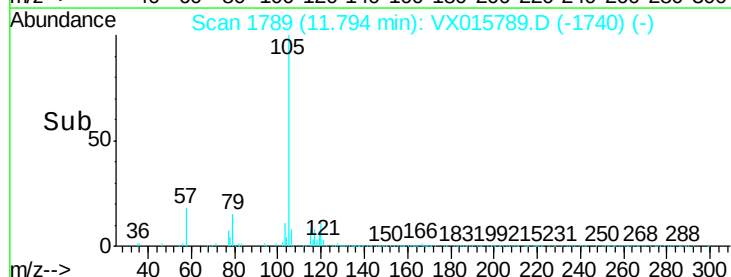
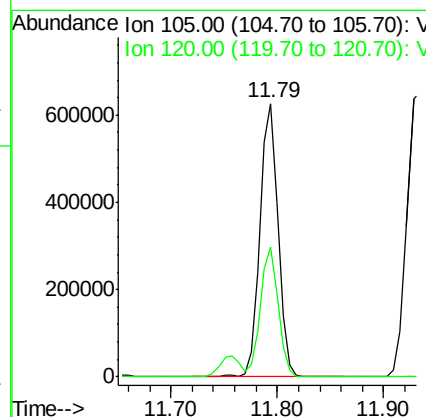
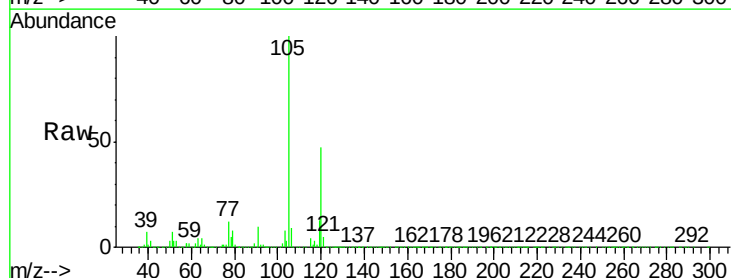
Manual Integrations
 APPROVED

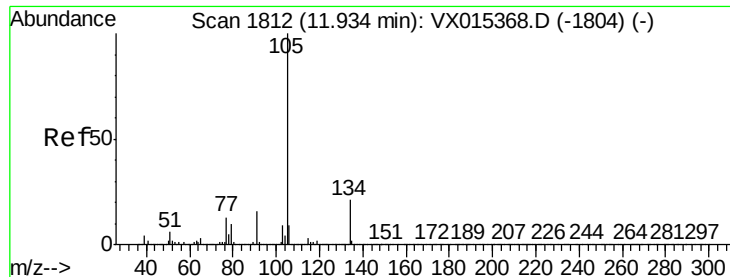
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 4/22/2020 10:02:22 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.717 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.7	68.1





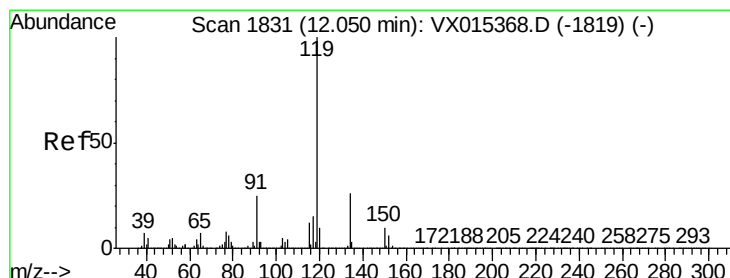
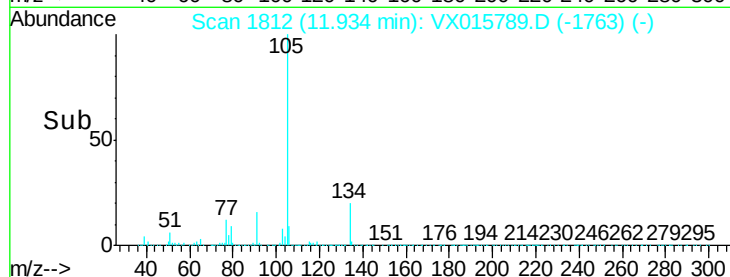
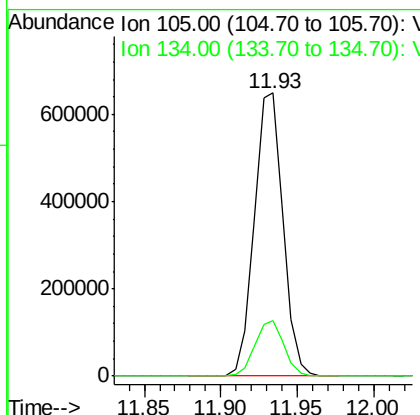
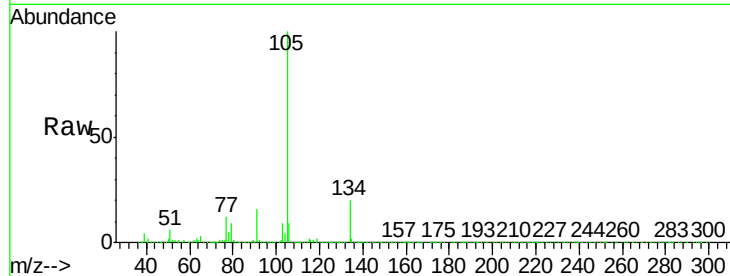
#85
 sec-Butylbenzene
 Concen: 19.035 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.4	31.1

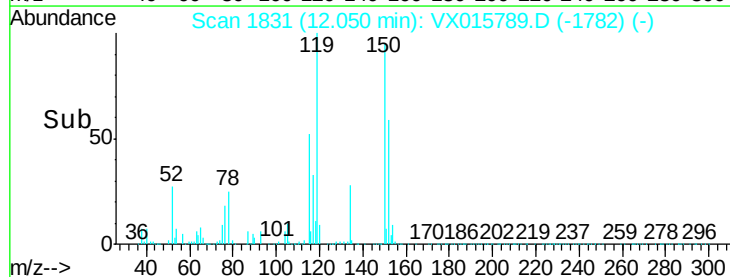
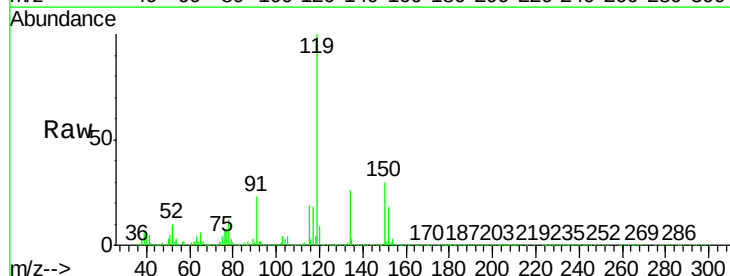
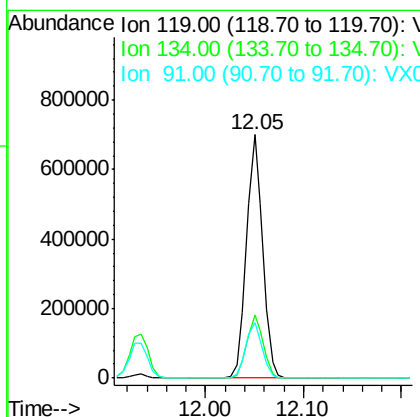
Manual Integrations
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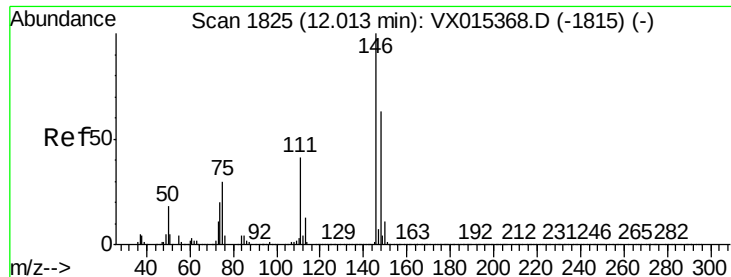
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 19.460 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	23.3	12.4	37.4





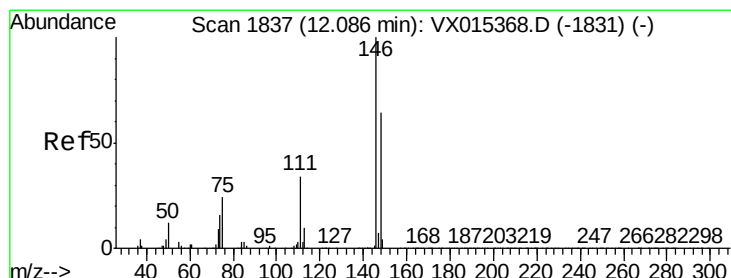
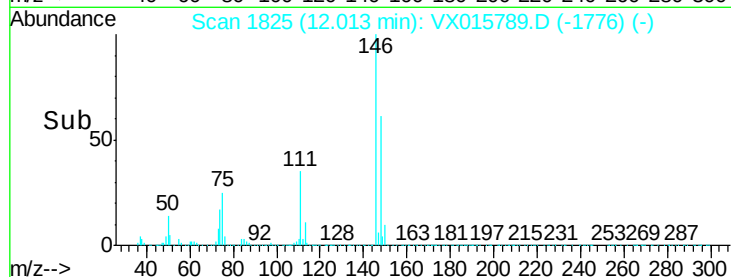
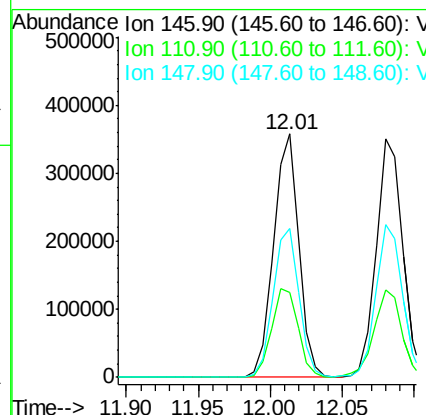
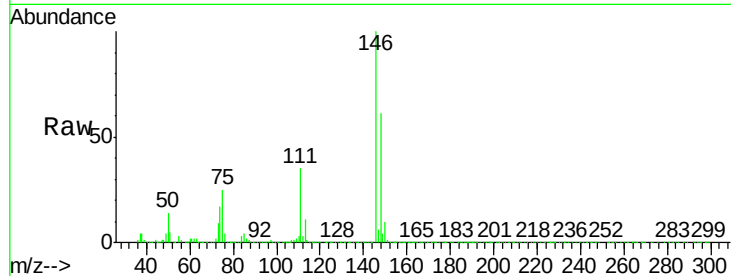
#87
 1,3-Dichlorobenzene
 Concen: 19.670 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.3	60.9
148	62.7	31.3	93.9

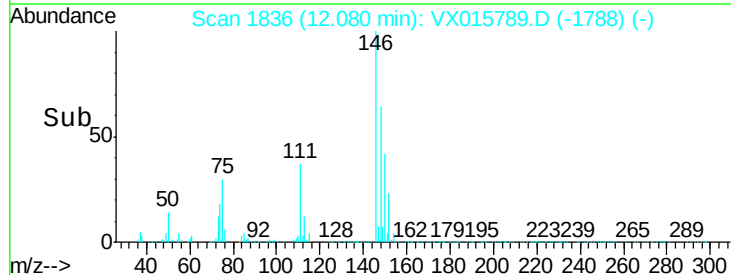
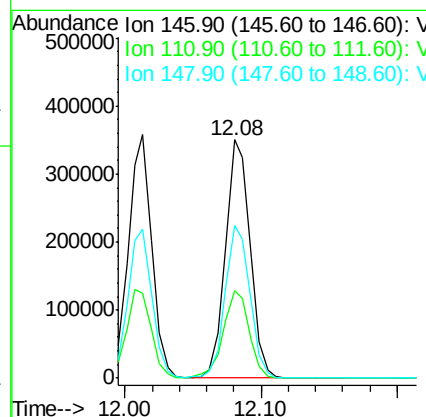
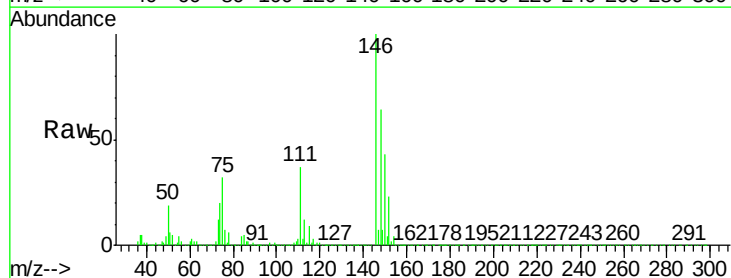
Manual Integrations
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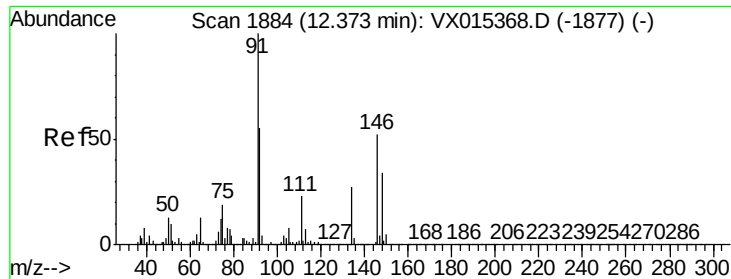
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#88
 1,4-Dichlorobenzene
 Concen: 19.529 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.2	32.4	97.2





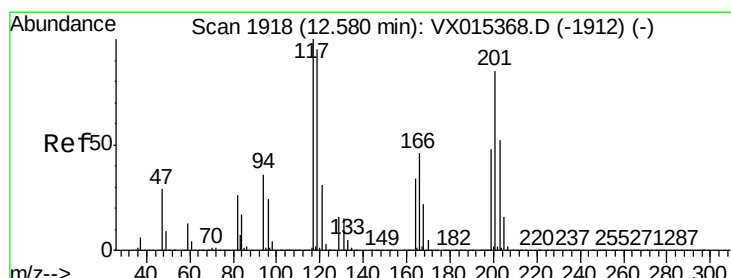
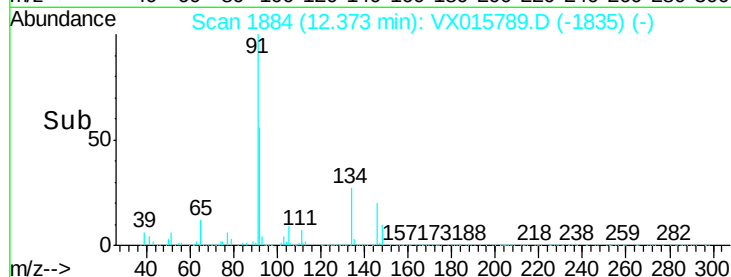
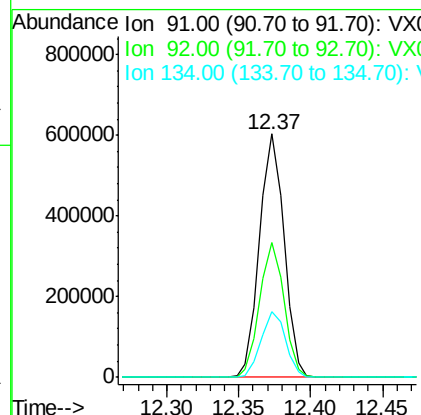
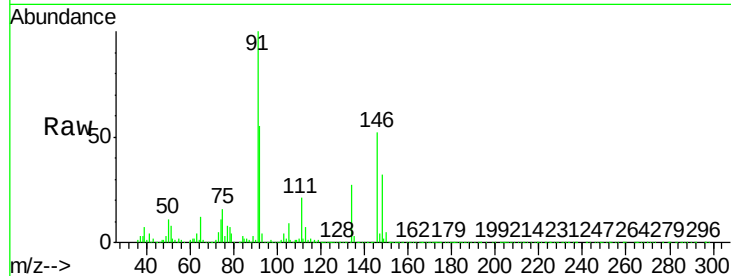
#89
n-Butylbenzene
Concen: 18.964 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.1	27.2	81.5	
134	27.0	13.4	40.2	

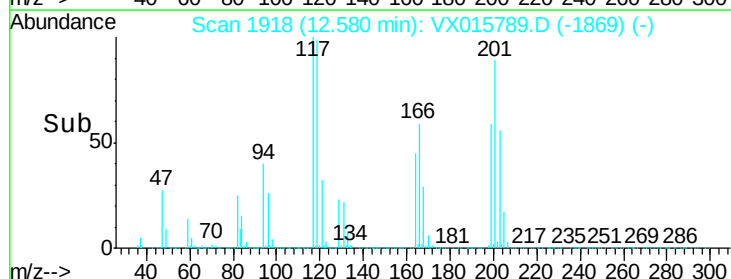
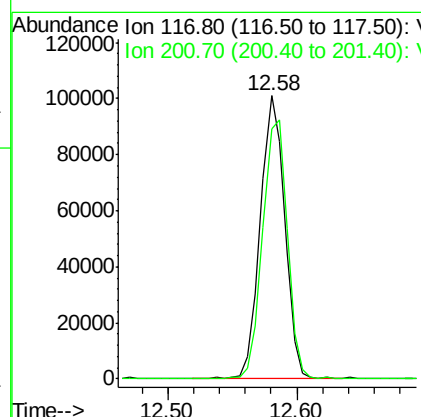
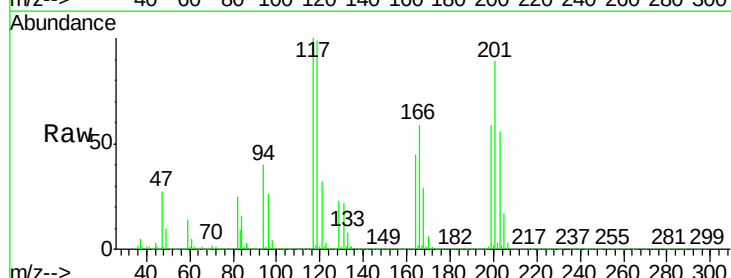
Manual Integrations
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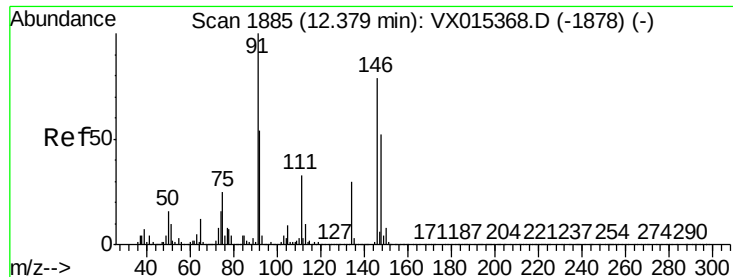
MMDadoda
4/22/2020 10:02:22 AM



#90
Hexachloroethane
Concen: 16.348 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	93.3	42.6	128.0	





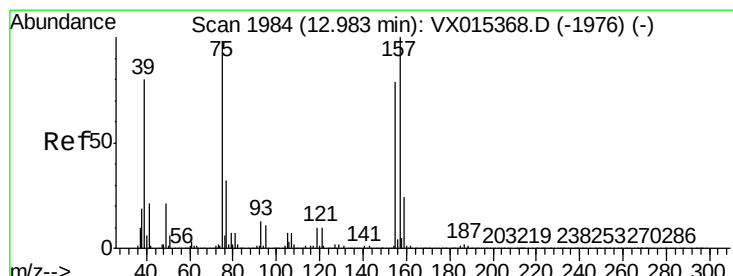
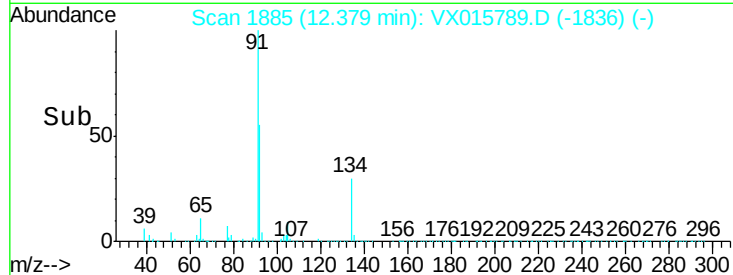
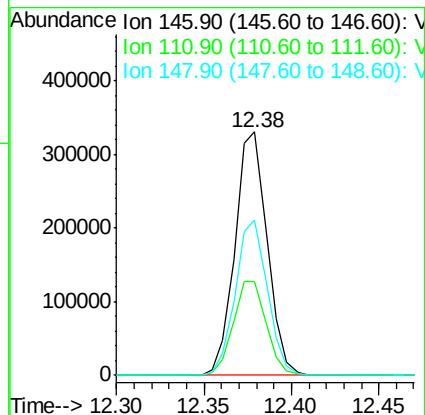
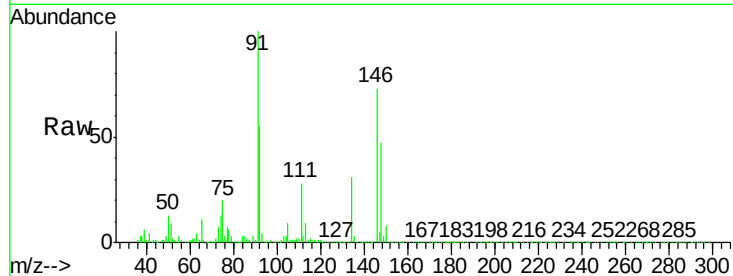
#91
 1,2-Dichlorobenzene
 Concen: 19.653 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion:	146	Resp:	423389
Ion Ratio	Lower	Upper	
146	100		
111	39.5	21.0	63.0
148	63.6	32.4	97.0

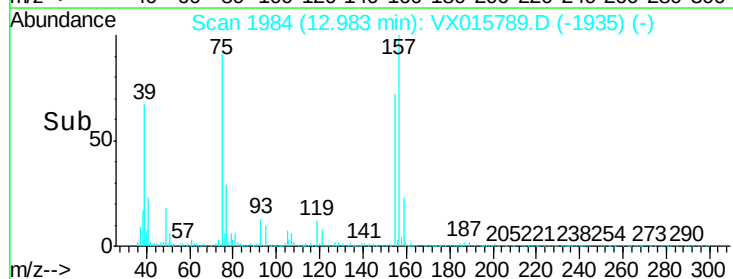
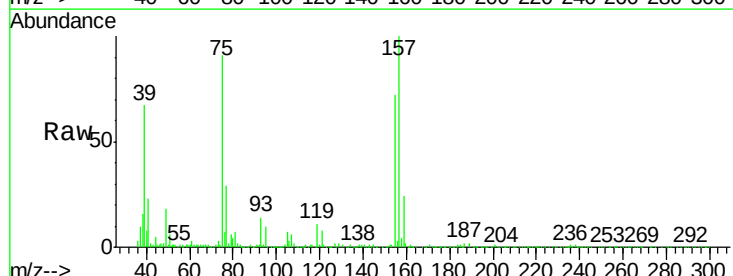
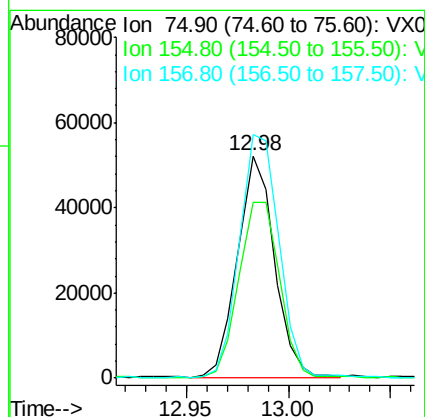
Manual Integrations
 APPROVED

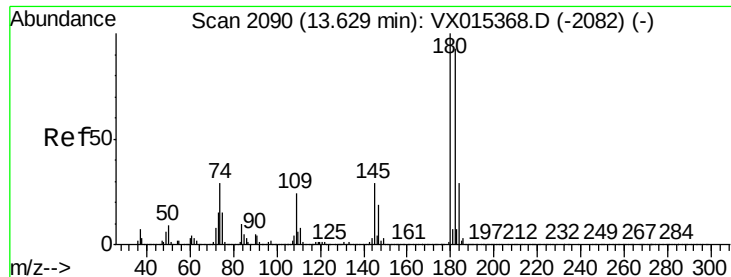
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 4/22/2020 10:02:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.578 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion:	75	Resp:	65089
Ion Ratio	Lower	Upper	
75	100		
155	89.3	42.8	128.4
157	118.9	53.4	160.3





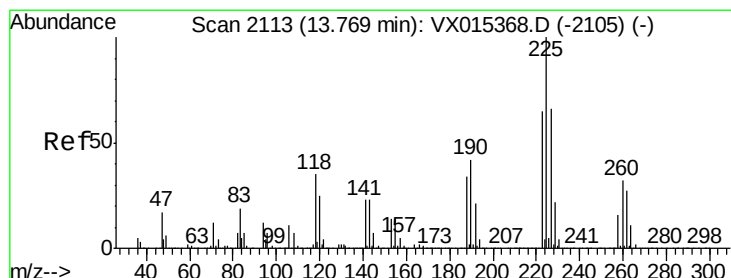
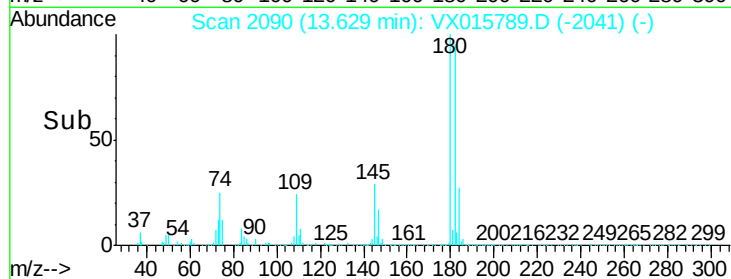
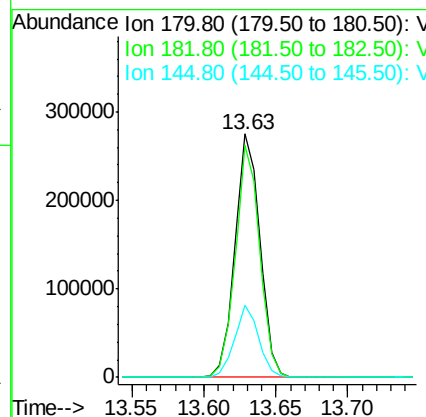
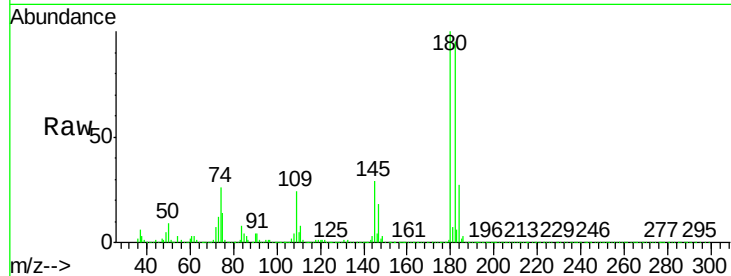
#93
 1,2,4-Trichlorobenzene
 Concen: 19.794 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.4	46.9	140.7	
145	28.2	14.9	44.5	

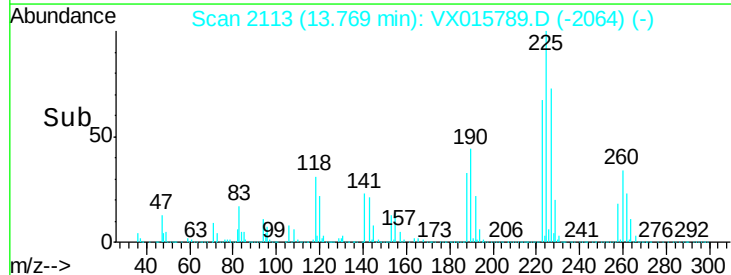
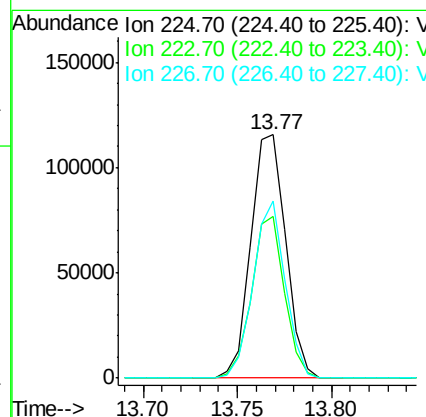
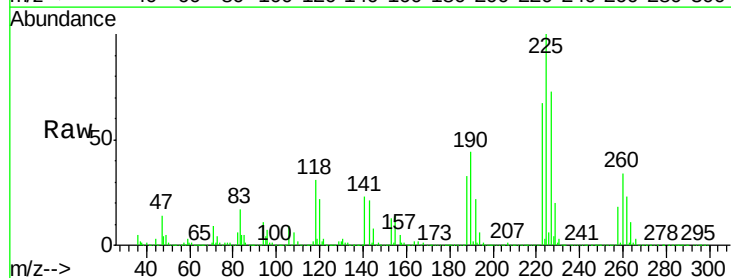
Manual Integrations
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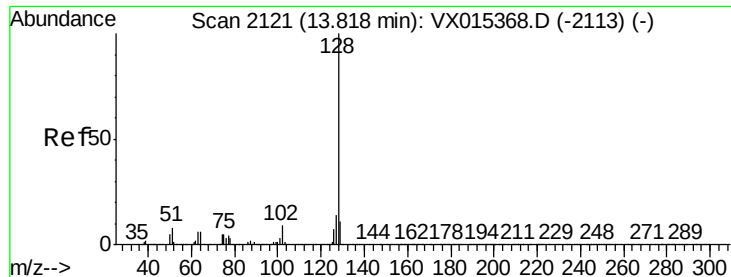
MMDadoda
 4/22/2020 10:02:22 AM



#94
 Hexachlorobutadiene
 Concen: 18.286 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015789.D
 Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	31.9	95.7	
227	67.0	30.4	91.3	





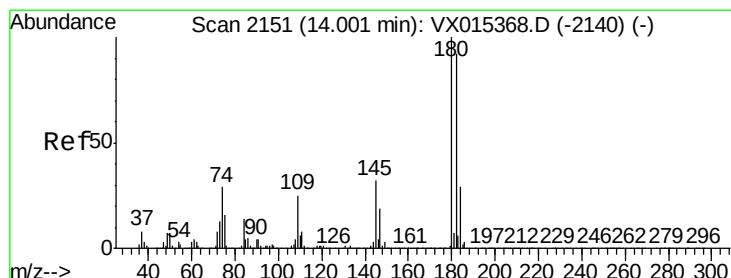
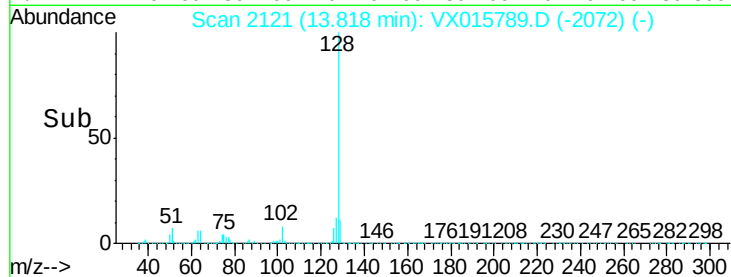
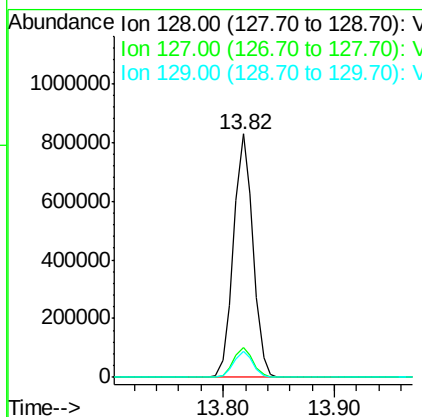
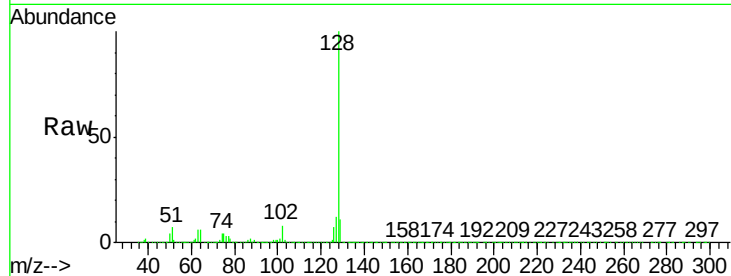
#95
Naphthalene
Concen: 19.159 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	995868		
127	12.5	10.6	15.8	
129	10.7	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:02:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.347 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015789.D
Acq: 21 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333820		
182	96.5	46.7	140.0	
145	30.3	15.8	47.3	

