

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015737.D
 Acq On : 17 Apr 2020 14:53
 Operator : JC/SP
 Sample : VX0417WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:06:26 AM

Quant Time: Apr 20 03:28:59 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	925572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1406941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1306992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	707092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	618424	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	5.47	113	458233	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	8.70	98	1719165	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.12	95	693322	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	125851	15.433	ug/l	100
3) Chloromethane	1.31	50	163813	15.775	ug/l	96
4) Vinyl Chloride	1.39	62	163432	17.140	ug/l	100
5) Bromomethane	1.63	94	125794	24.493	ug/l	100
6) Chloroethane	1.71	64	105061	17.765	ug/l	96
7) Trichlorofluoromethane	1.92	101	231047	18.068	ug/l	96
8) Diethyl Ether	2.17	74	102249	18.957	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	157053	18.839	ug/l	98
10) Methyl Iodide	2.50	142	141389	12.580	ug/l	97
11) Tert butyl alcohol	3.01	59	254284	81.381	ug/l	99
12) 1,1-Dichloroethene	2.36	96	152205	17.418	ug/l	98
13) Acrolein	2.27	56	210756	118.409	ug/l	99
14) Allyl chloride	2.71	41	340406	16.672	ug/l	98
15) Acrylonitrile	3.12	53	571166	95.852	ug/l	100
16) Acetone	2.42	43	500194	89.187	ug/l	99
17) Carbon Disulfide	2.55	76	388417	14.571	ug/l	97
18) Methyl Acetate	2.75	43	277700	19.400	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	624659	18.431	ug/l	99
20) Methylene Chloride	2.84	84	185754	17.732	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	173465	17.887	ug/l	99
22) Diisopropyl ether	3.83	45	675030	18.657	ug/l	98
23) Vinyl Acetate	3.79	43	2949050	90.025	ug/l	100
24) 1,1-Dichloroethane	3.67	63	335989	17.638	ug/l	98
25) 2-Butanone	4.64	43	814271	90.279	ug/l	99
26) 2,2-Dichloropropane	4.55	77	278703	17.824	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	207195	18.467	ug/l	98
28) Bromochloromethane	4.98	49	175385	19.283	ug/l	98
29) Tetrahydrofuran	5.09	42	521369	89.917	ug/l	98
30) Chloroform	5.19	83	336126	18.340	ug/l	100
31) Cyclohexane	5.55	56	284662	17.226	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	298254	17.982	ug/l	98
36) 1,1-Dichloropropene	5.78	75	233684	18.026	ug/l	96
37) Ethyl Acetate	4.80	43	316640	18.759	ug/l	99
38) Carbon Tetrachloride	5.76	117	249932	17.800	ug/l	97

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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)
39) Methylcyclohexane	7.44	83	275312	18.419	ug/l	97
40) Benzene	6.12	78	720745	18.980	ug/l	97
41) Methacrylonitrile	5.01	41	182582	19.486	ug/l	97
42) 1,2-Dichloroethane	6.16	62	288115	18.889	ug/l	99
43) Isopropyl Acetate	6.42	43	522462	18.336	ug/l	98
44) Trichloroethene	7.19	130	197909	19.110	ug/l	96
45) 1,2-Dichloropropane	7.50	63	202112	19.456	ug/l	96
46) Dibromomethane	7.64	93	132447	19.437	ug/l	97
47) Bromodichloromethane	7.88	83	268195	18.471	ug/l	99
48) Methyl methacrylate	7.75	41	265341	18.643	ug/l	97
49) 1,4-Dioxane	7.72	88	102915	387.619	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1607631	99.555	ug/l	99
52) Toluene	8.77	92	457916	19.559	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	301020	17.677	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	327602	18.885	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	197091	20.548	ug/l	98
56) Ethyl methacrylate	9.16	69	312243	18.471	ug/l	97
57) 1,3-Dichloropropane	9.36	76	342685	19.830	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	794155	96.585	ug/l	98
59) 2-Hexanone	9.47	43	1214353	99.607	ug/l	99
60) Dibromochloromethane	9.57	129	215374	18.686	ug/l	97
61) 1,2-Dibromoethane	9.65	107	208136	19.956	ug/l	99
64) Tetrachloroethene	9.32	164	193418	19.609	ug/l	95
65) Chlorobenzene	10.12	112	518906	19.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198534	19.065	ug/l	99
67) Ethyl Benzene	10.24	91	890825	19.270	ug/l	99
68) m/p-Xylenes	10.34	106	670363	38.942	ug/l	98
69) o-Xylene	10.68	106	324354	19.068	ug/l	99
70) Styrene	10.70	104	589227	19.685	ug/l	96
71) Bromoform	10.84	173	174780	18.438	ug/l #	100
73) Isopropylbenzene	11.00	105	886471	19.134	ug/l	99
74) N-amyl acetate	10.88	43	435334	16.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	299449	18.836	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	276131m	18.990	ug/l	
77) Bromobenzene	11.24	156	242861	19.652	ug/l	95
78) n-propylbenzene	11.34	91	992213	18.729	ug/l	100
79) 2-Chlorotoluene	11.40	91	601631	18.528	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	734032	18.551	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	96648	15.948	ug/l	95
82) 4-Chlorotoluene	11.49	91	710504	18.665	ug/l	99
83) tert-Butylbenzene	11.76	119	735656	19.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	757603	18.789	ug/l	98
85) sec-Butylbenzene	11.93	105	853050	19.084	ug/l	100
86) p-Isopropyltoluene	12.05	119	792287	19.093	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	436870	19.747	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	445135	19.753	ug/l	99
89) n-Butylbenzene	12.37	91	712661	19.005	ug/l	99
90) Hexachloroethane	12.58	117	128988	15.970	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	424486	19.606	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	70856	15.791	ug/l	94

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

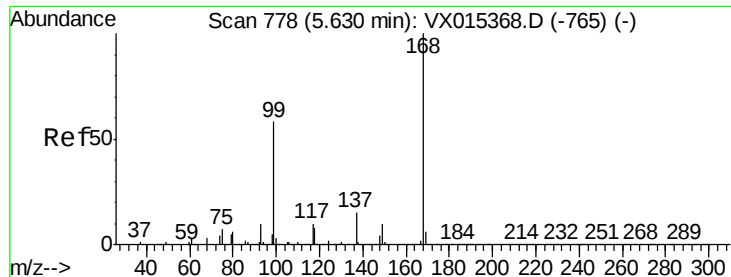
Manual Integrations
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Quant Time: Apr 20 03:28:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	331472	19.355	ug/l	100
94) Hexachlorobutadiene	13.77	225	157854	19.360	ug/l	98
95) Naphthalene	13.82	128	997362	19.092	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	324274	19.667	ug/l	97

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



#1

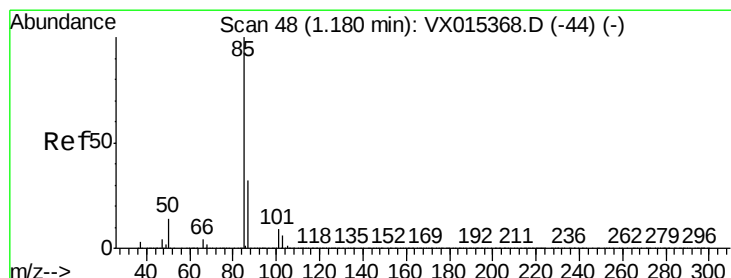
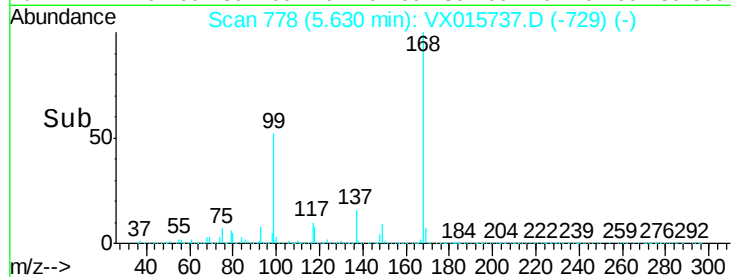
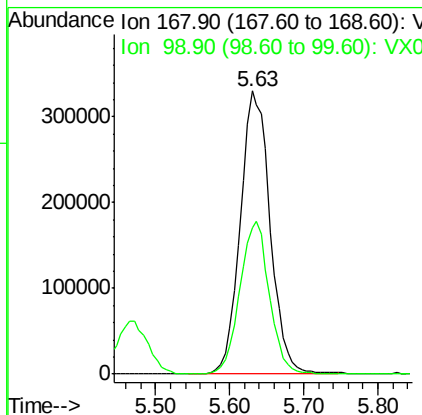
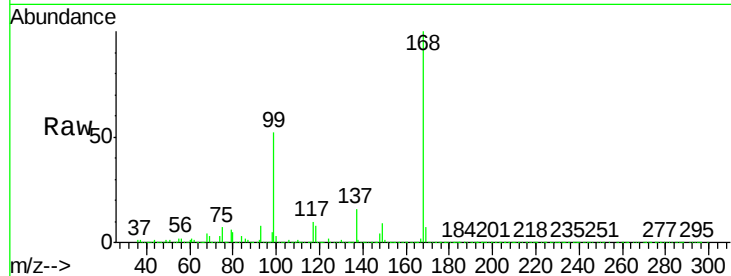
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.7	46.4	69.6

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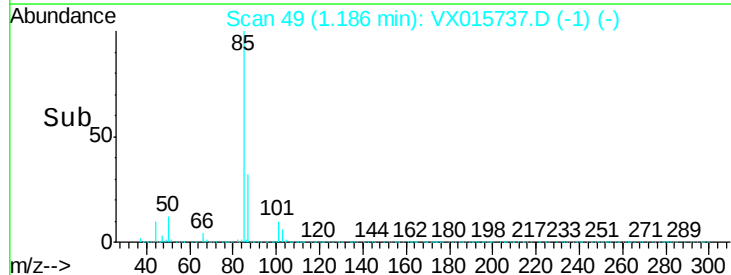
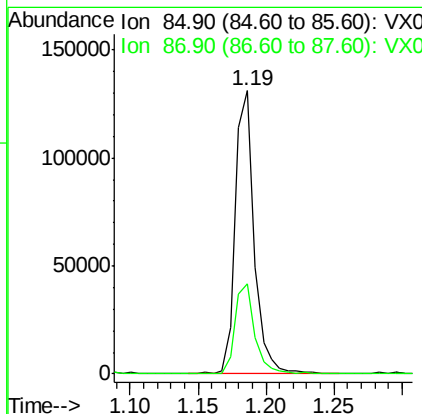
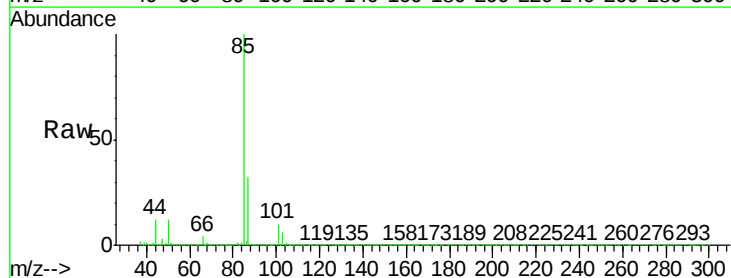
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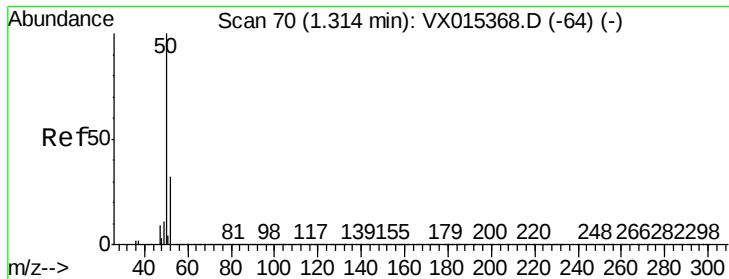


#2

Dichlorodifluoromethane
 Concen: 15.433 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.0	47.9





#3

Chloromethane

Concen: 15.775 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tot Ion: 50 Resp: 163813

Ion Ratio Lower Upper

50 100

52 33.6 25.3 37.9

Instrument :

MSVOA_X

ClientSampleId :

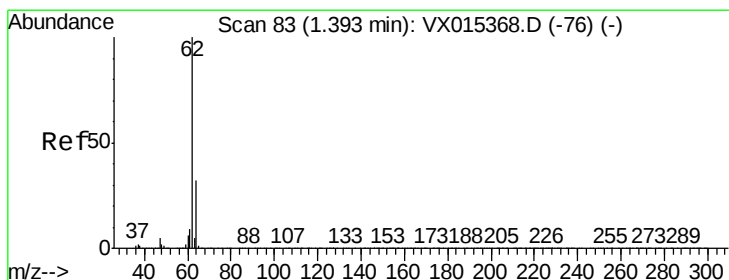
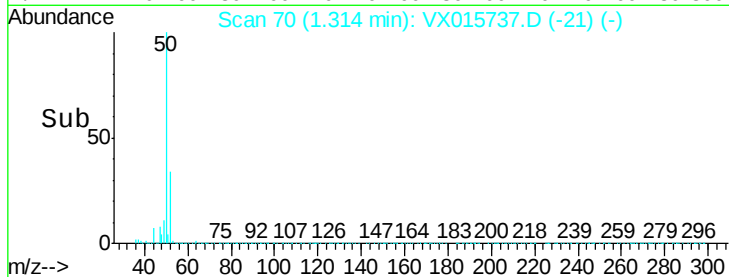
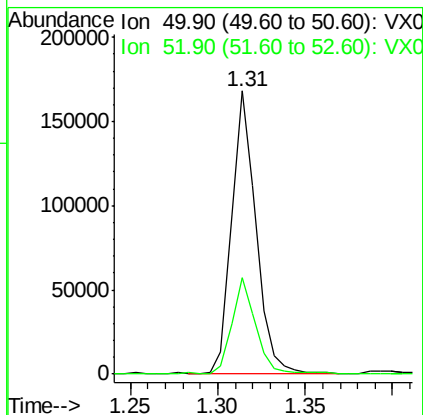
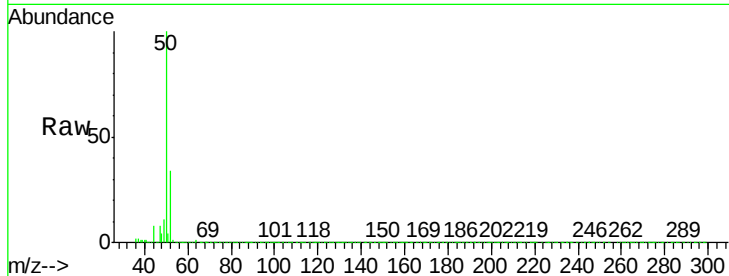
VX0417WBS02

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#4

Vinyl Chloride

Concen: 17.140 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015737.D

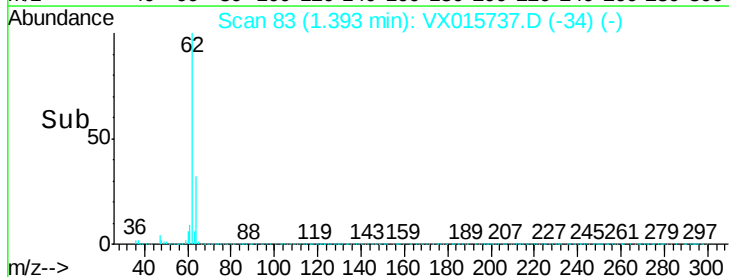
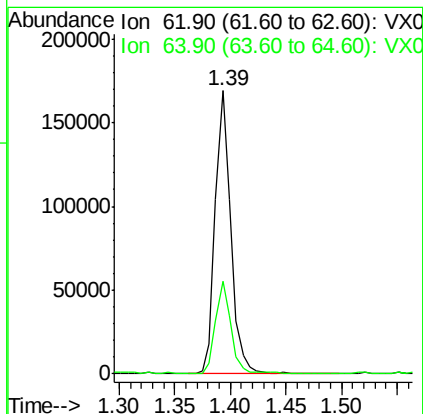
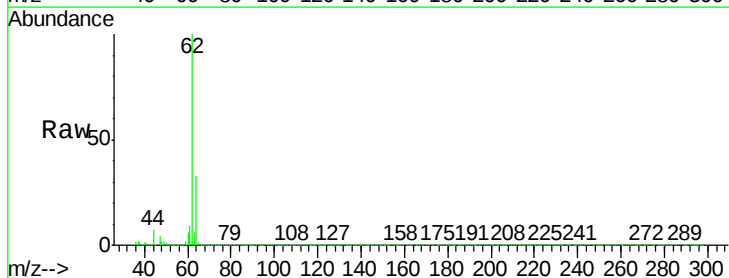
Acq: 17 Apr 2020 14:53

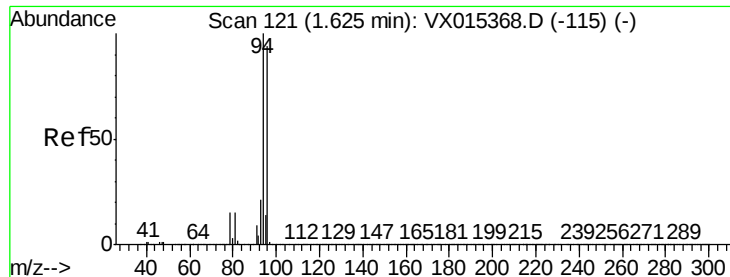
Tgt Ion: 62 Resp: 163432

Ion Ratio Lower Upper

62 100

64 32.4 26.0 39.0





#5

Bromomethane

Concen: 24.493 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 94 Resp: 125794

Ion Ratio Lower Upper

94 100

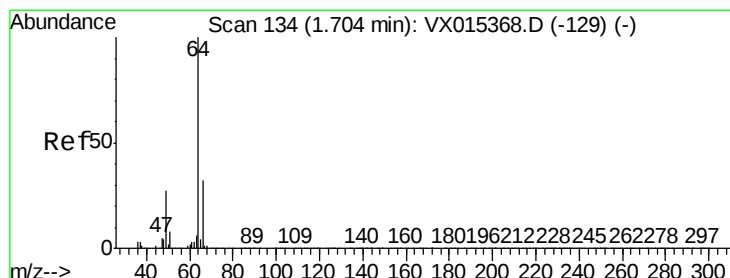
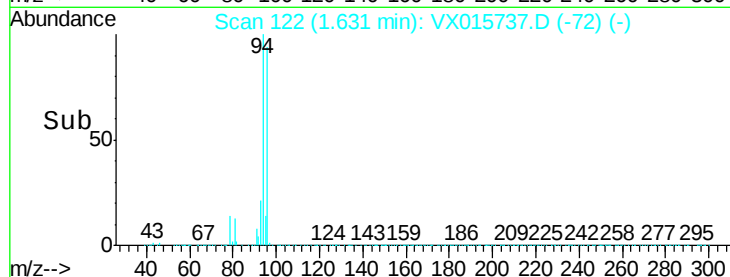
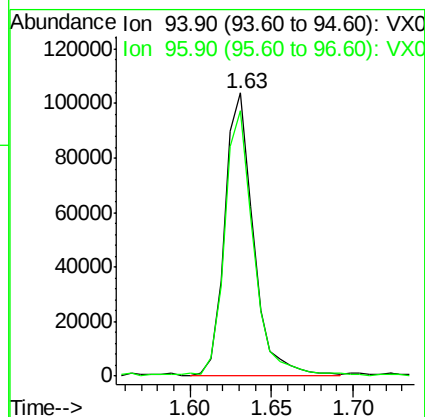
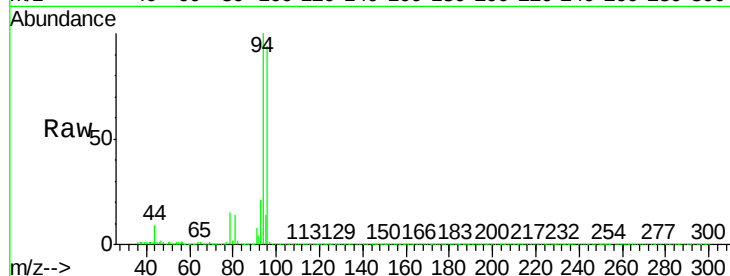
96 93.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.765 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015737.D

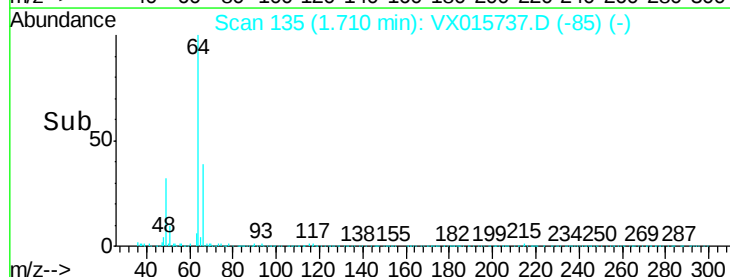
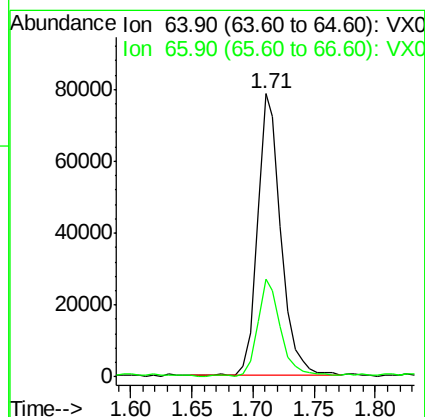
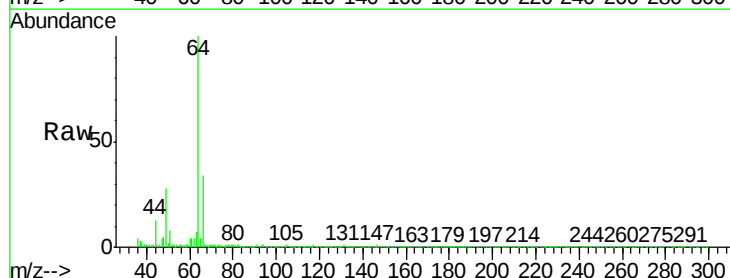
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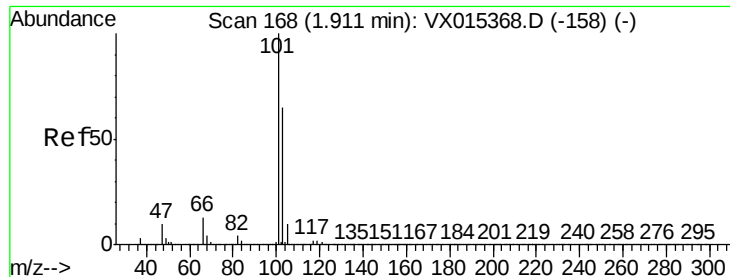
Tgt Ion: 64 Resp: 105061

Ion Ratio Lower Upper

64 100

66 33.9 25.4 38.2





#7

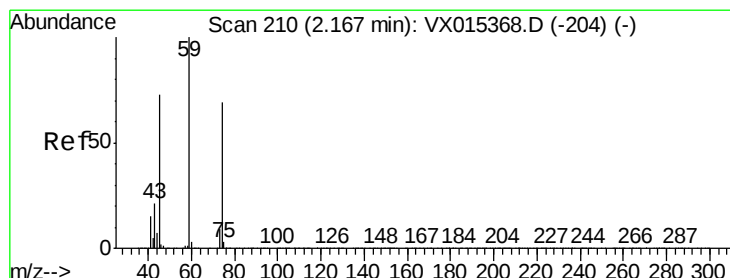
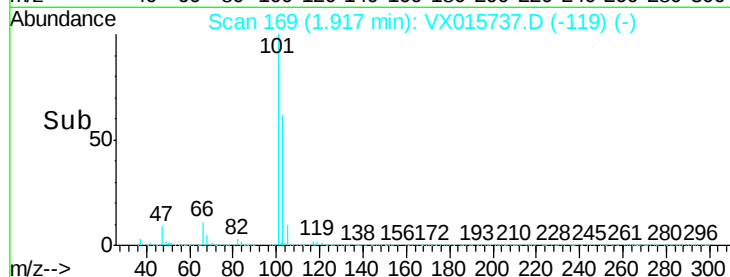
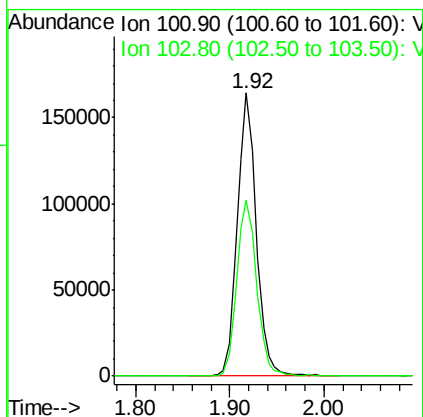
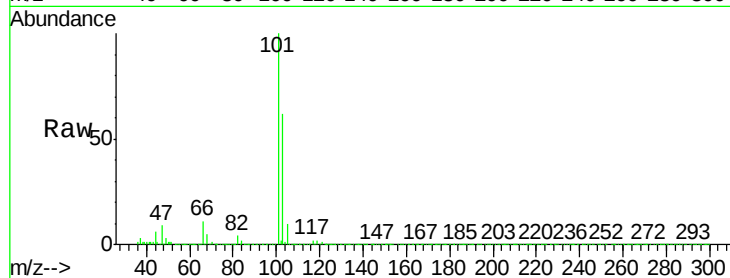
Trichlorofluoromethane
Concen: 18.068 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

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ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.3	78.5

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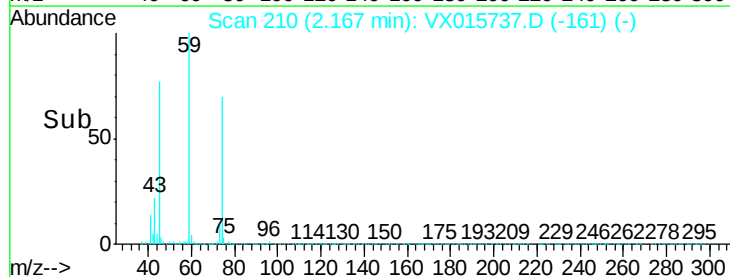
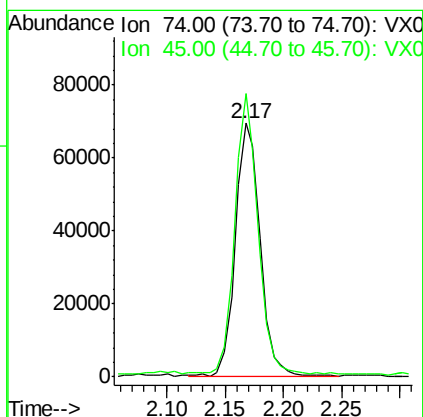
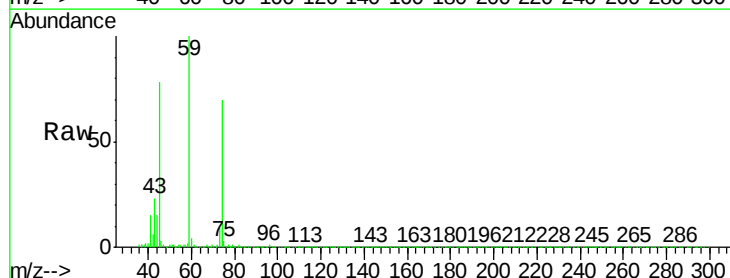
MMDadoda
4/20/2020 10:06:26 AM

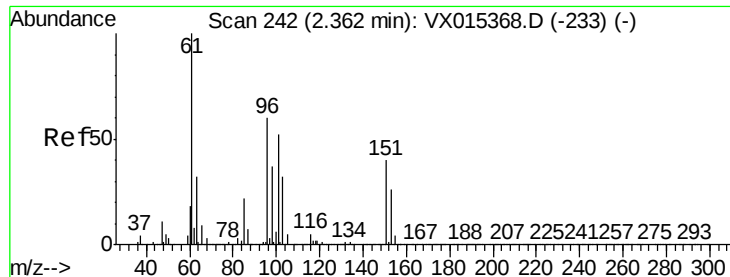


#8

Diethyl Ether
Concen: 18.957 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.839 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

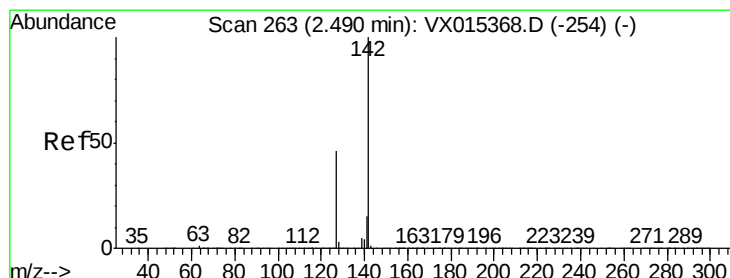
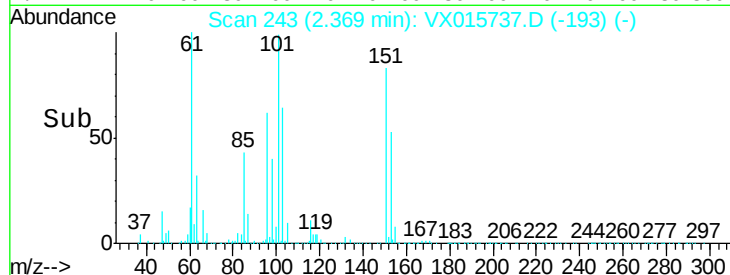
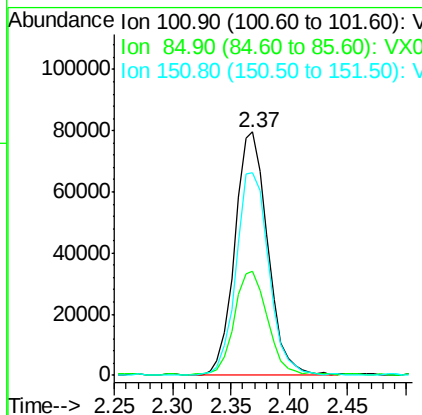
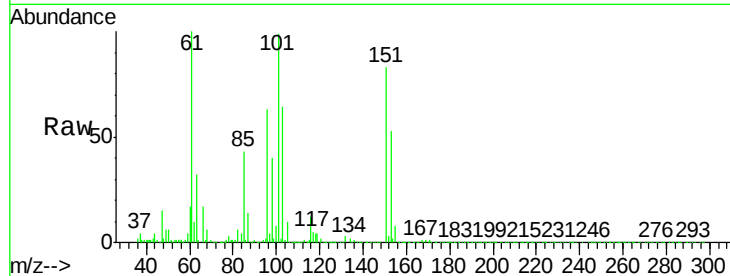
ClientSampleId :

VX0417WBS02

Tot Ion:	101	Resp:	157053
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.0	52.4
151	82.7	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 12.580 ug/l

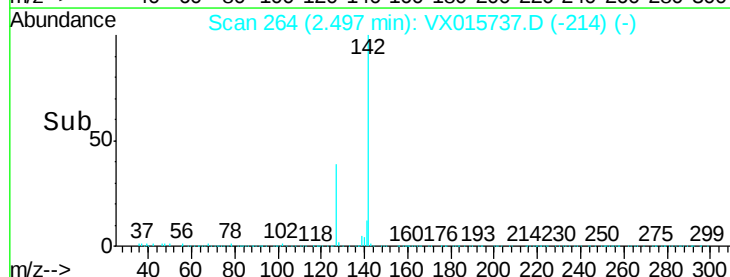
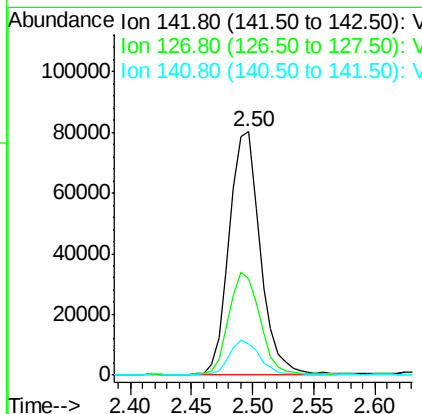
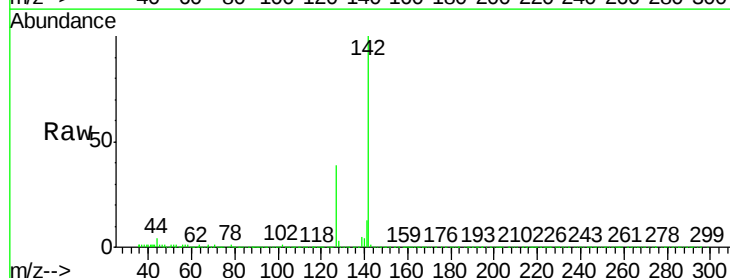
RT: 2.50 min Scan# 264

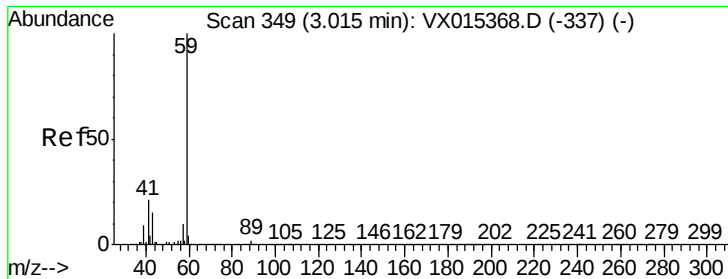
Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	142	Resp:	141389
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.9	53.9
141	14.0	11.6	17.4





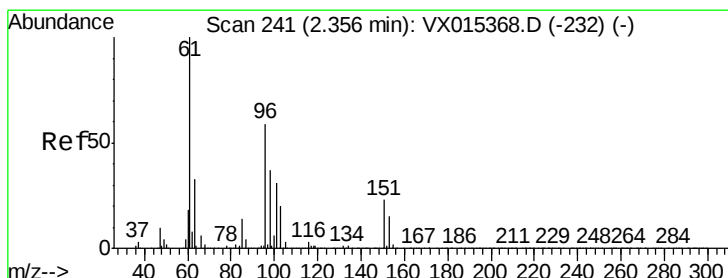
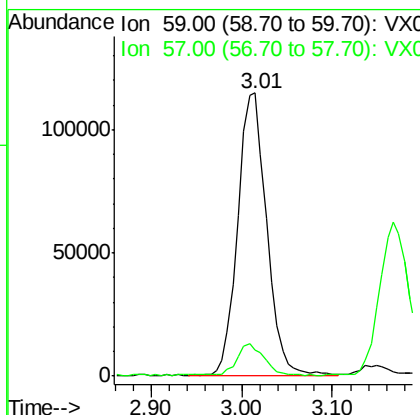
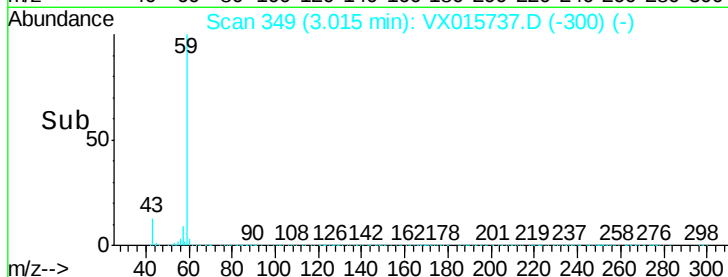
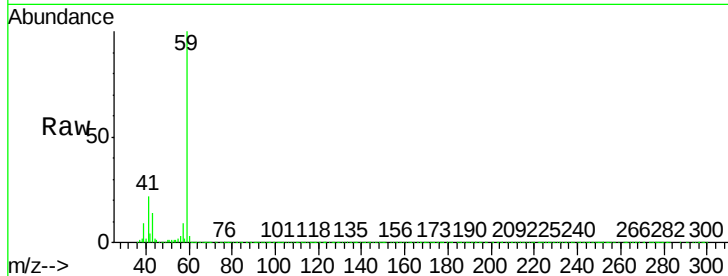
#11
Tert butyl alcohol
Concen: 81.381 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

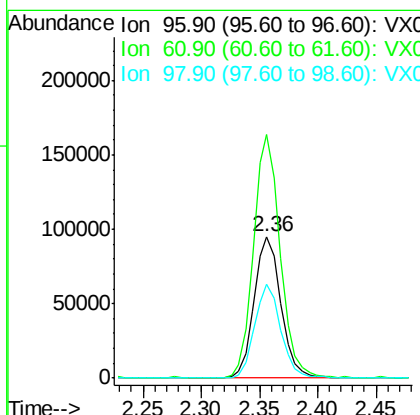
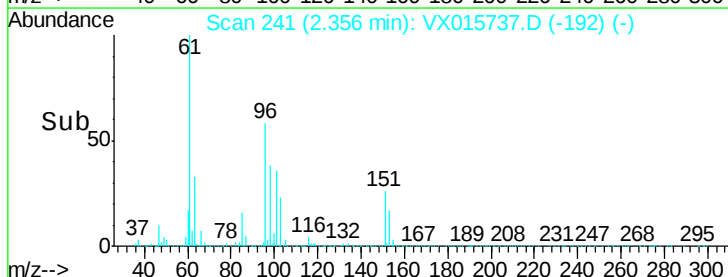
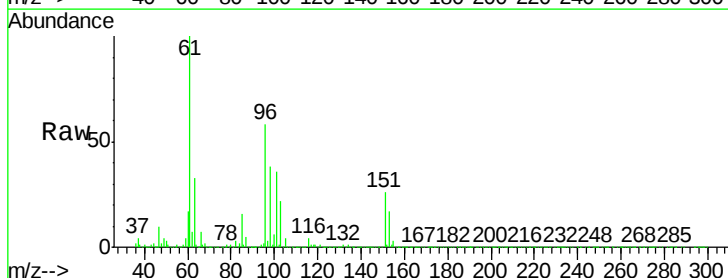
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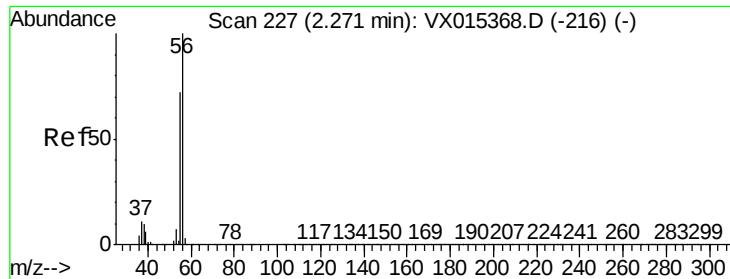
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#12
1,1-Dichloroethene
Concen: 17.418 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.6	135.7	203.5
98	65.7	50.6	75.8





#13

Acrolein

Concen: 118.409 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 56 Resp: 210756

Ion Ratio Lower Upper

56 100

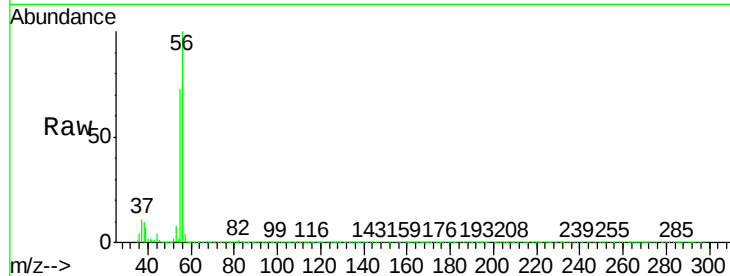
55 70.7 57.0 85.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

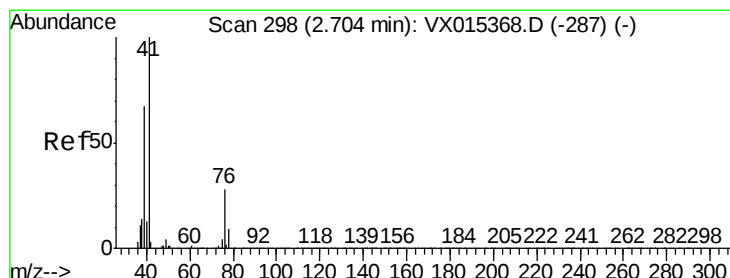
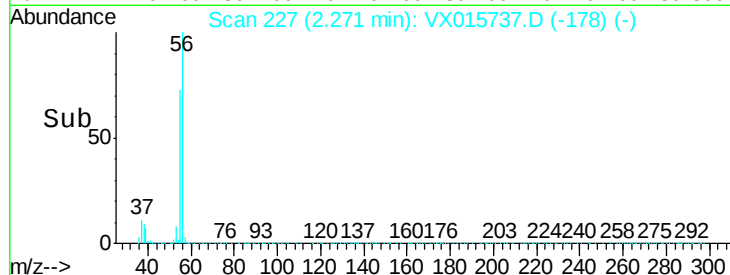
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 16.672 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

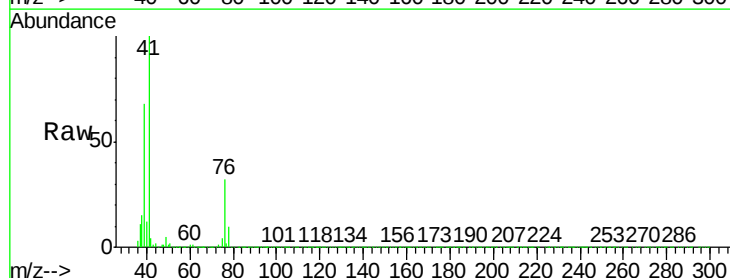
Tgt Ion: 41 Resp: 340406

Ion Ratio Lower Upper

41 100

39 61.8 51.4 77.0

76 27.7 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

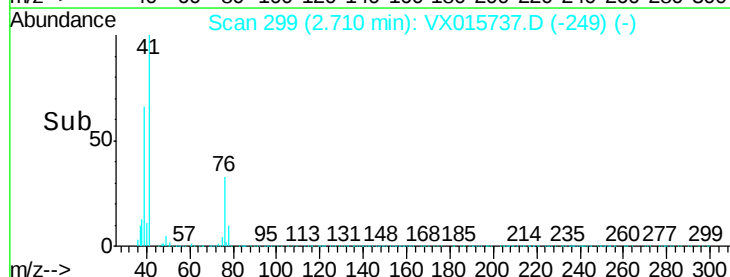
150000

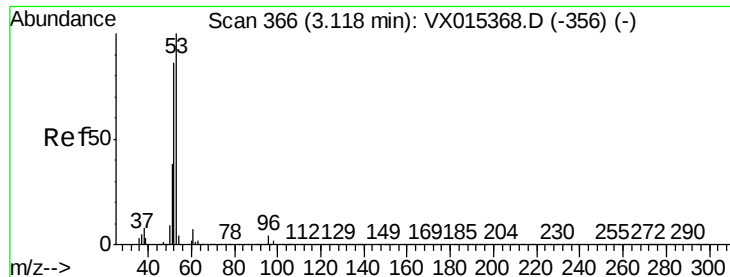
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 95.852 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

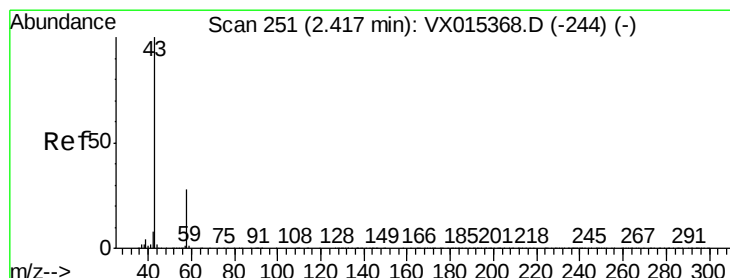
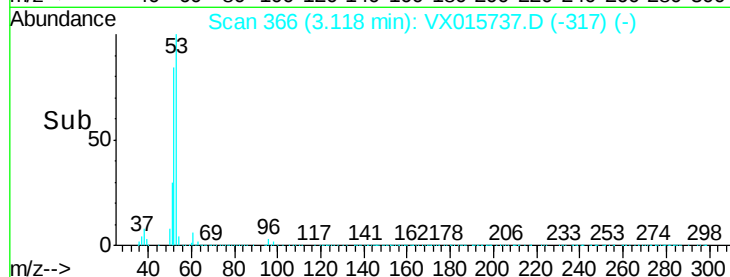
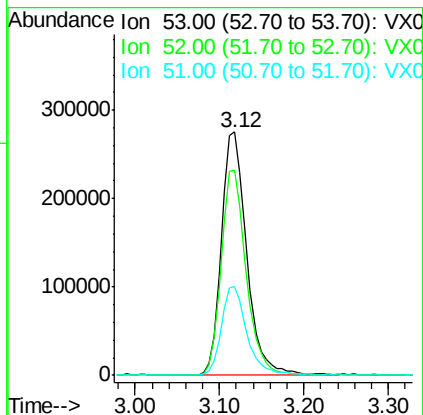
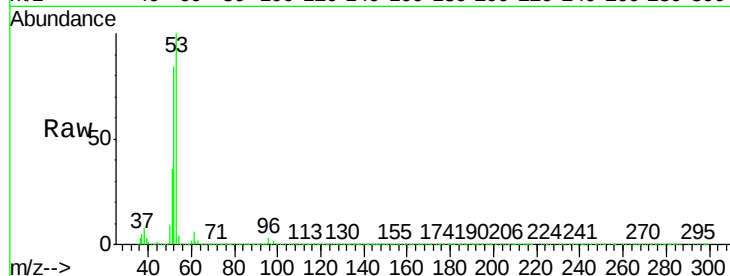
ClientSampleId :

VX0417WBS02

Tot Ion:	53	Resp:	571166
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.8	100.2
51	36.7	29.5	44.3

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#16

Acetone

Concen: 89.187 ug/l

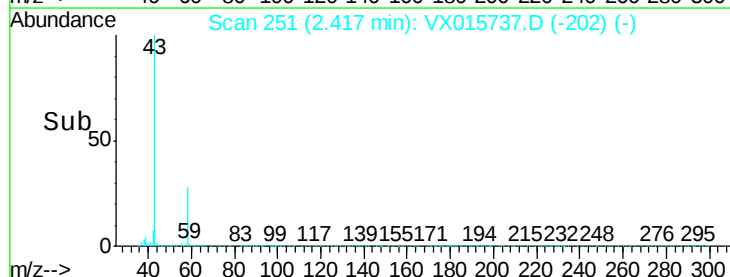
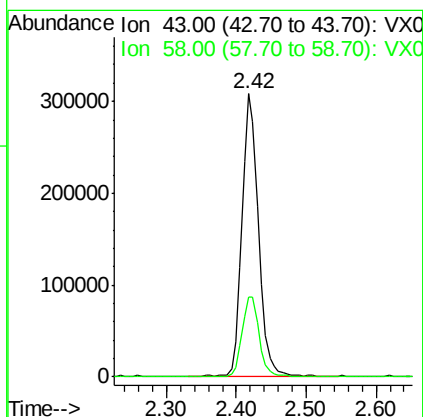
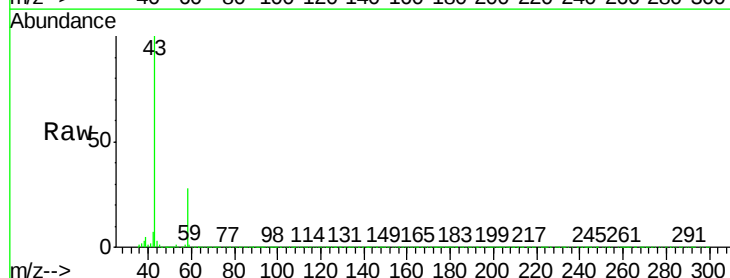
RT: 2.42 min Scan# 251

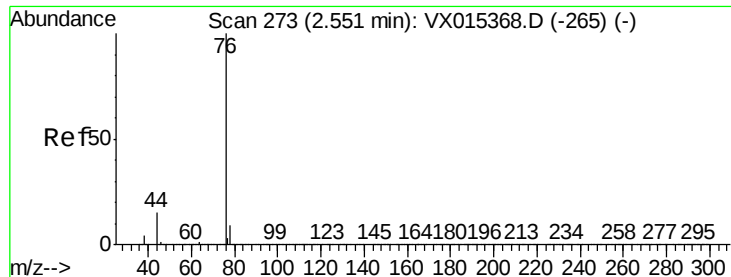
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	43	Resp:	500194
Ion Ratio		Lower	Upper
43	100		
58	28.1	22.1	33.1





#17

Carbon Disulfide

Concen: 14.571 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 76 Resp: 388417

Ion Ratio Lower Upper

76 100

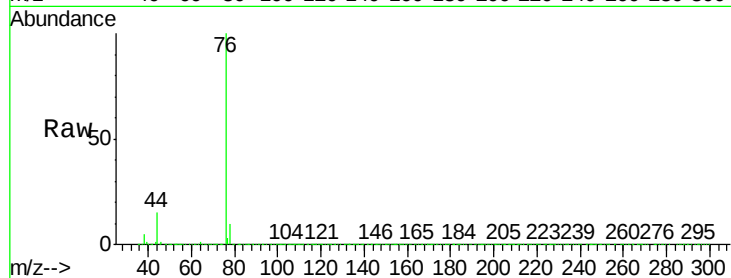
78 10.1 7.1 10.7

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

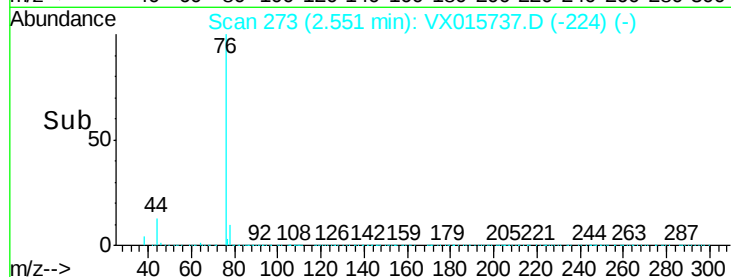
150000

100000

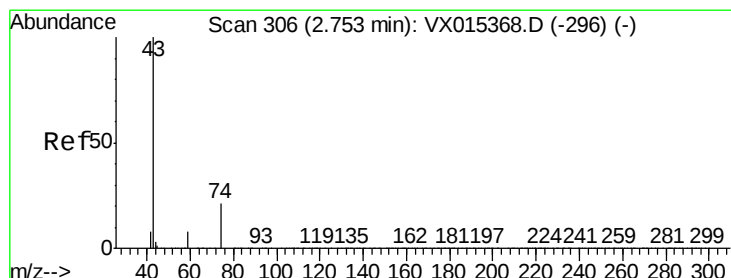
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 19.400 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015737.D

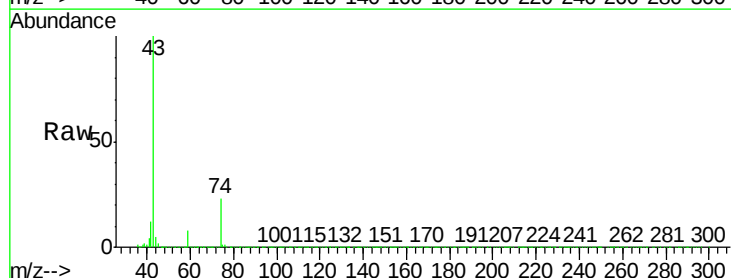
Acq: 17 Apr 2020 14:53

Tgt Ion: 43 Resp: 277700

Ion Ratio Lower Upper

43 100

74 22.1 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

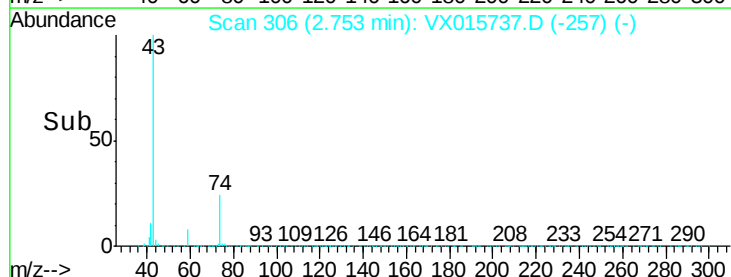
150000

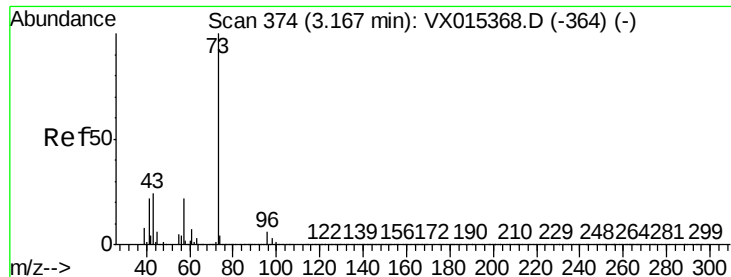
100000

50000

0

Time-->





#19

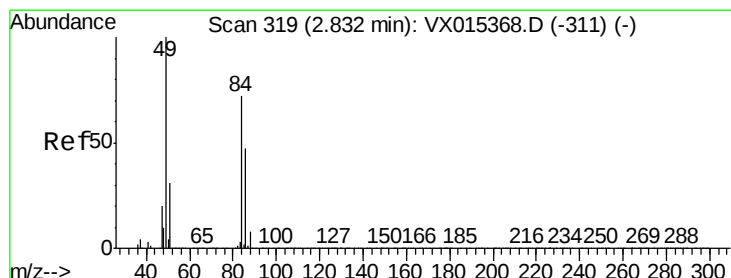
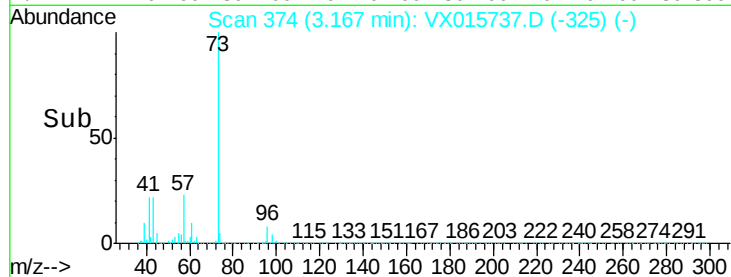
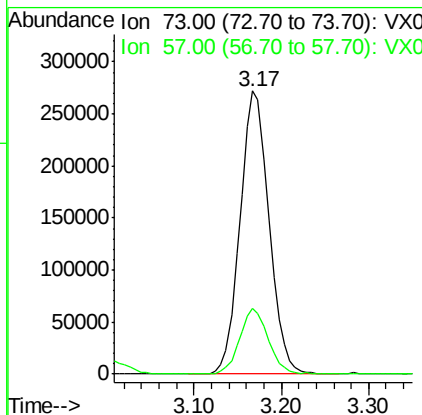
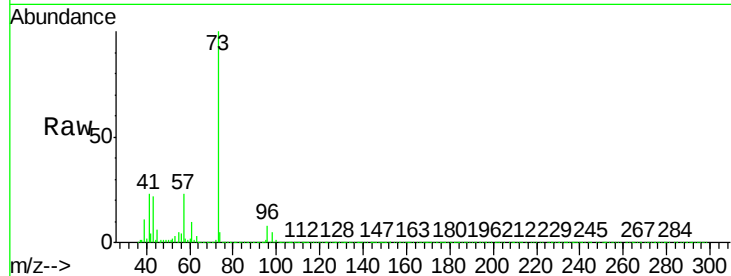
Methyl tert-butyl Ether
 Concen: 18.431 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.9	26.9

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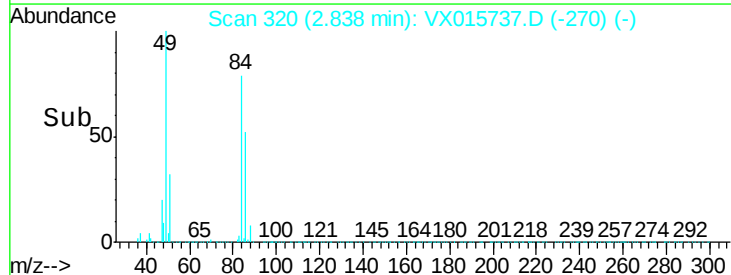
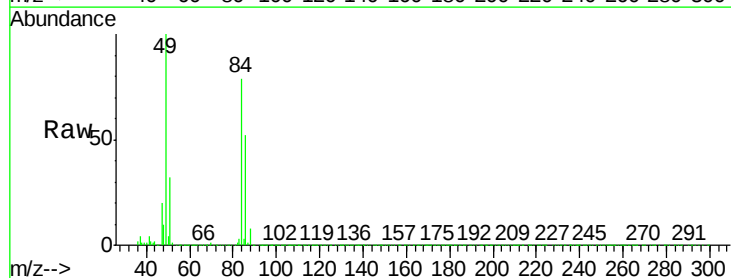
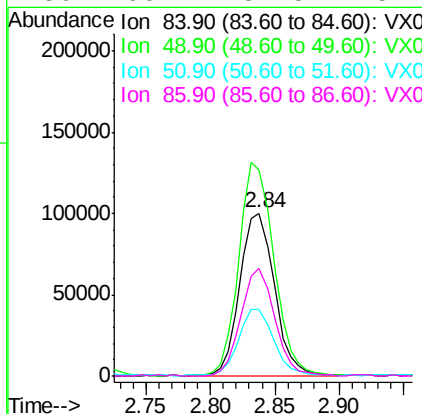
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#20

Methylene Chloride
 Concen: 17.732 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.01 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.5	111.3	166.9
51	40.5	34.0	51.0
86	66.1	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 17.887 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

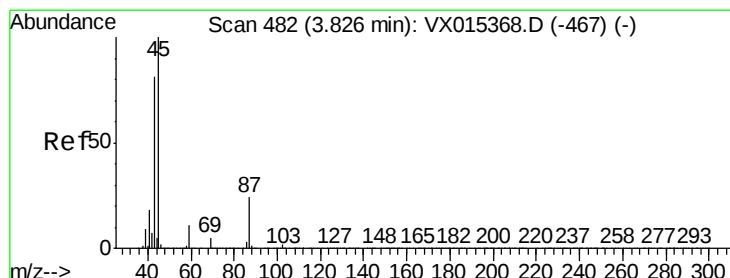
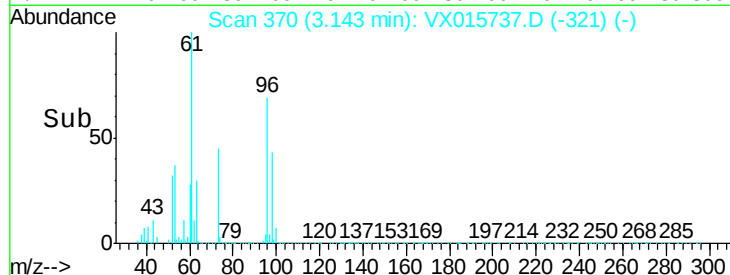
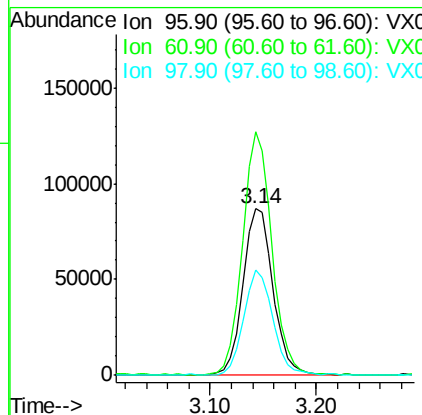
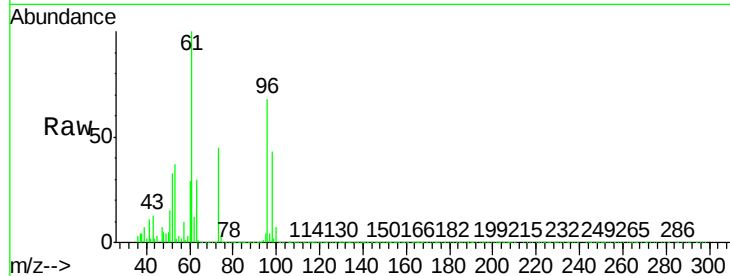
ClientSampleId :

VX0417WBS02

Tot Ion:	96	Resp:	173465
Ion Ratio	Lower	Upper	
96	100		
61	145.5	116.9	175.3
98	62.9	48.6	73.0

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#22

Diisopropyl ether

Concen: 18.657 ug/l

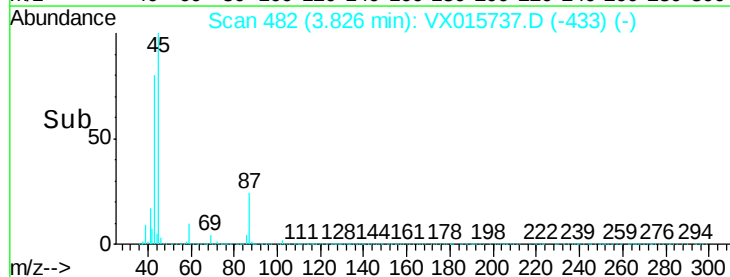
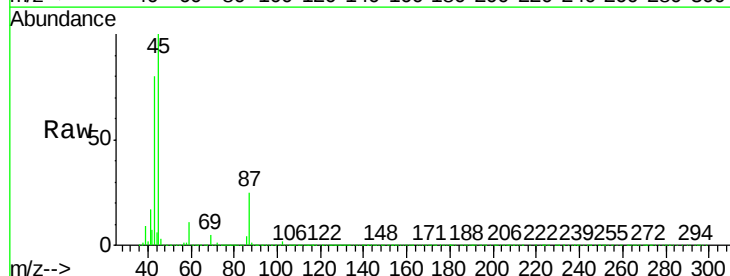
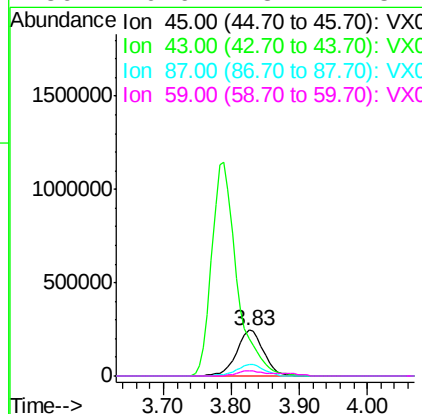
RT: 3.83 min Scan# 482

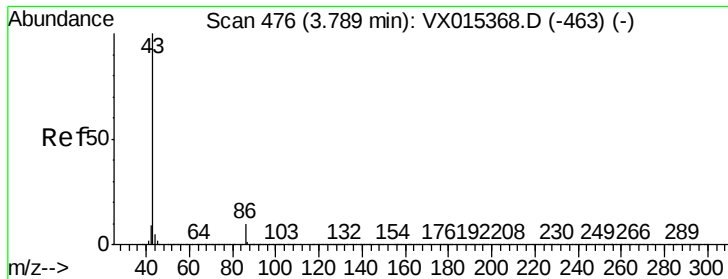
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	45	Resp:	675030
Ion Ratio	Lower	Upper	
45	100		
43	79.0	64.7	97.1
87	24.4	19.4	29.0
59	10.6	8.7	13.1





#23

Vinyl Acetate

Concen: 90.025 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleID :

VX0417WBS02

Tot Ion: 43 Resp: 2949050

Ion Ratio Lower Upper

43 100

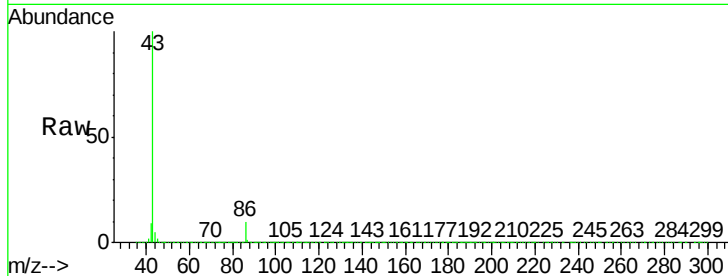
86 9.8 7.8 11.6

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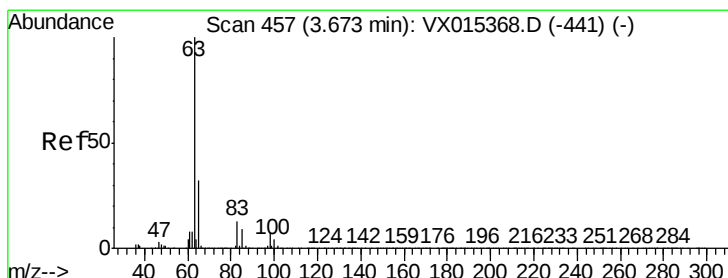
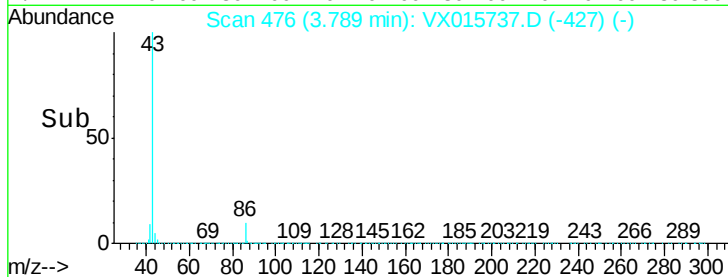
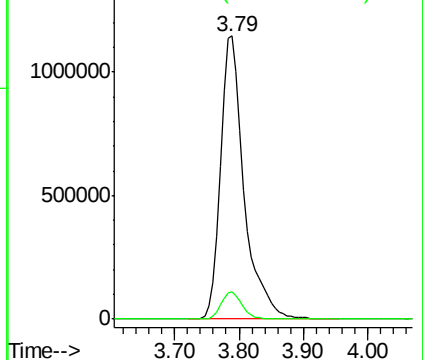
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.638 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

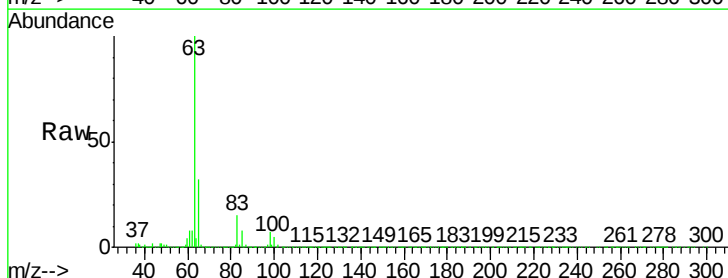
Tgt Ion: 63 Resp: 335989

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

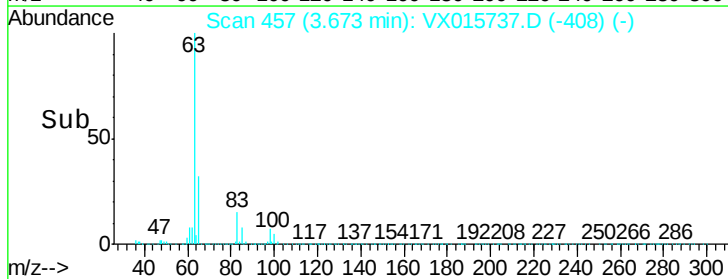
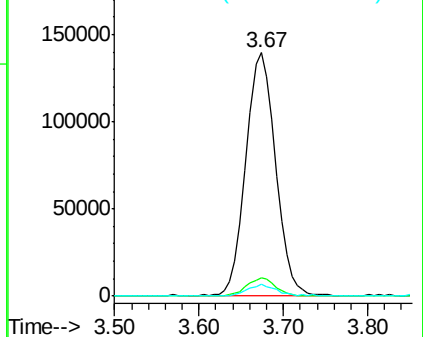
100 4.6 2.1 6.5

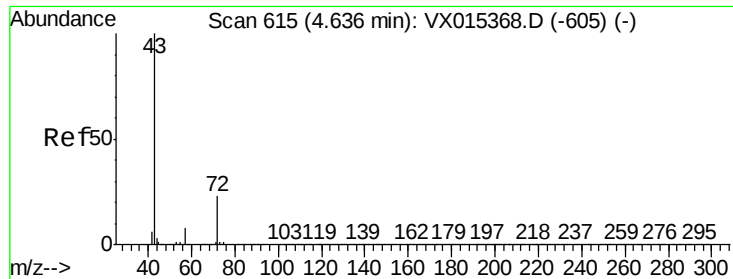


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.279 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tot Ion: 43 Resp: 814271

Ion Ratio Lower Upper

43 100

72 23.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

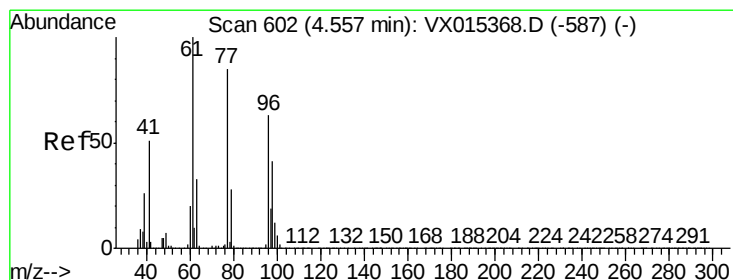
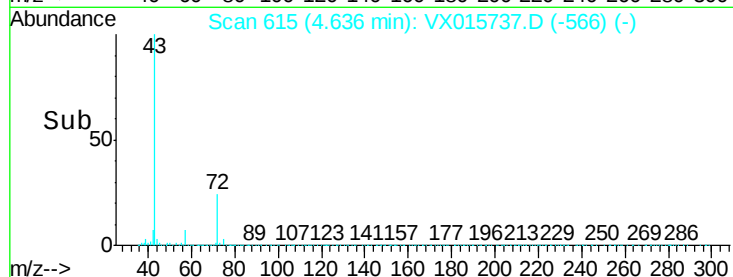
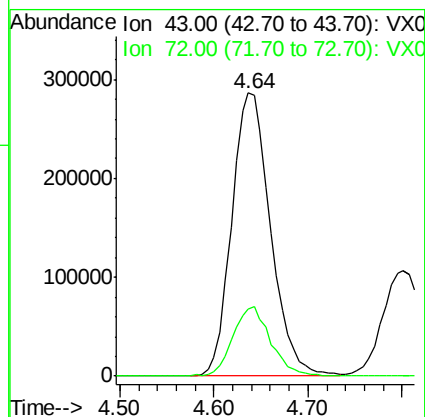
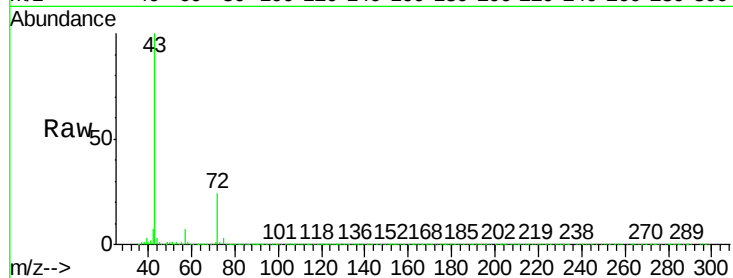
VX0417WBS02

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#26

2,2-Dichloropropane

Concen: 17.824 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015737.D

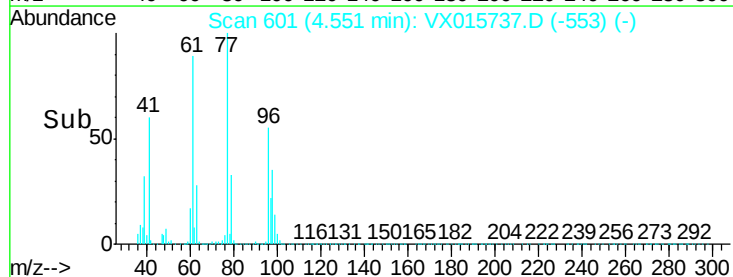
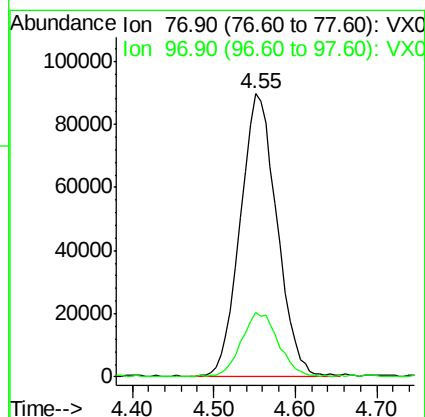
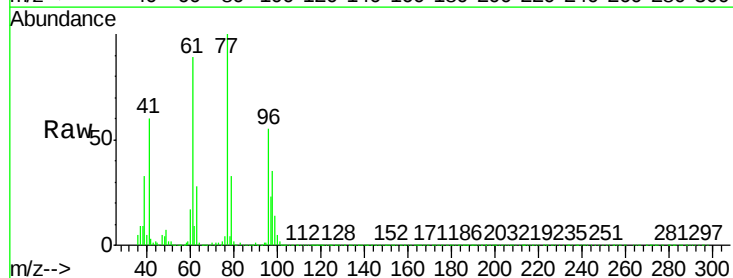
Acq: 17 Apr 2020 14:53

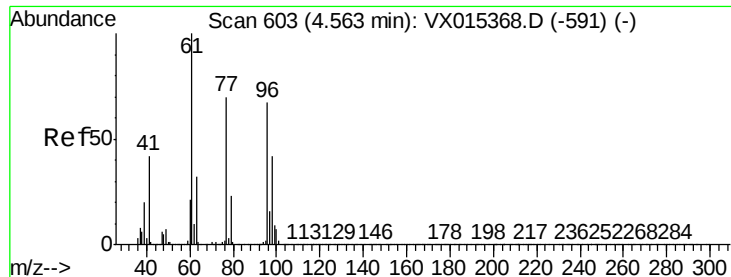
Tgt Ion: 77 Resp: 278703

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

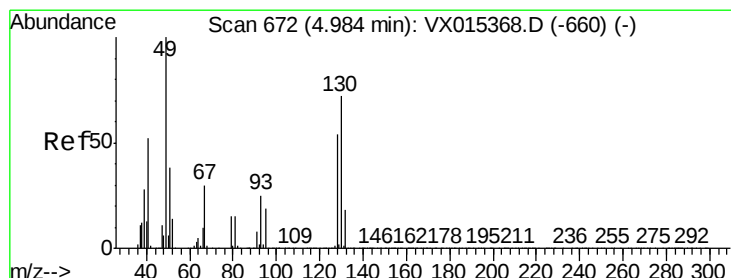
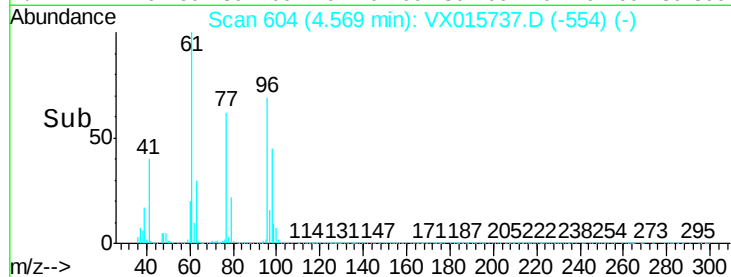
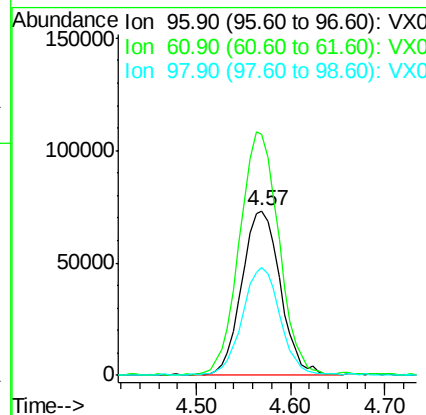
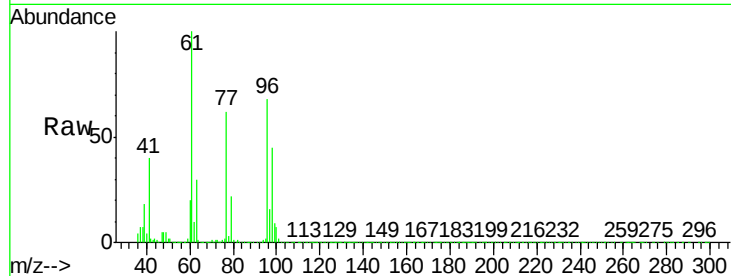
cis-1,2-Dichloroethene
Concen: 18.467 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	207195		
61	151.8	0.0	308.4	
98	63.9	0.0	129.2	

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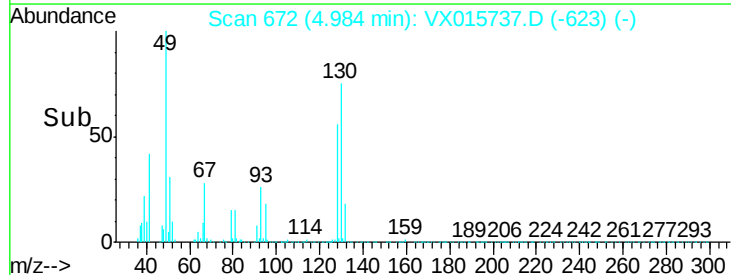
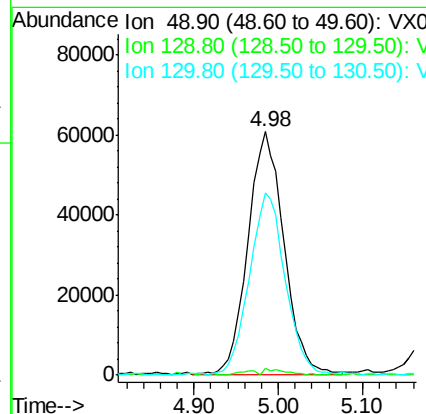
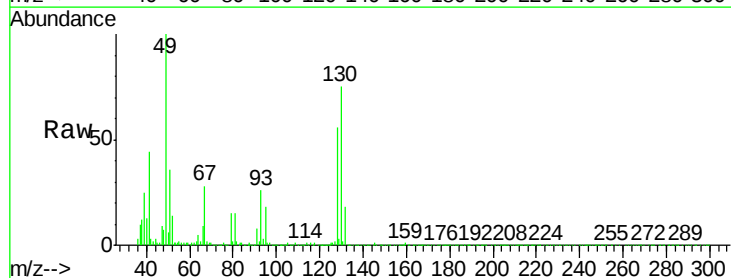
MMDadoda
4/20/2020 10:06:26 AM

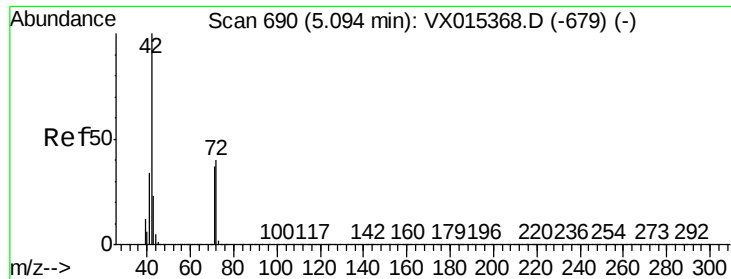


#28

Bromochloromethane
Concen: 19.283 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175385		
129	1.8	0.0	4.4	
130	73.7	57.7	86.5	





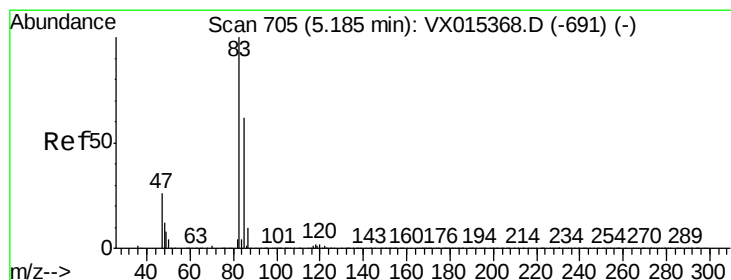
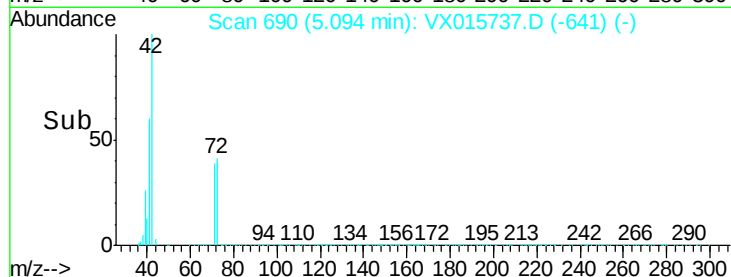
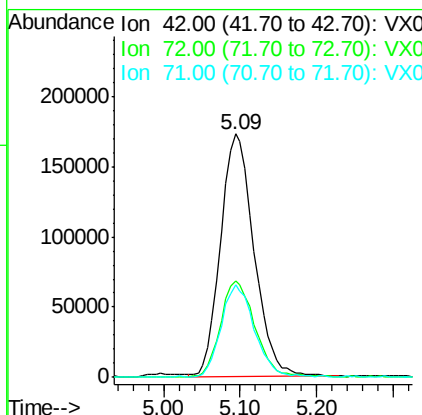
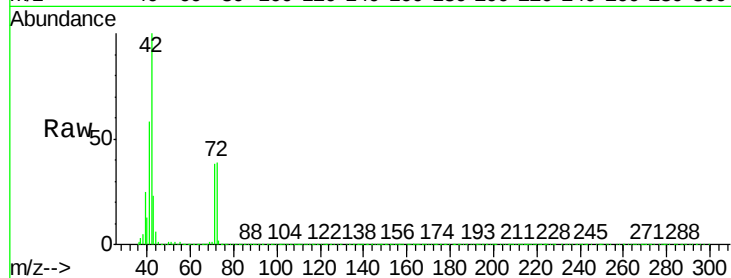
#29
Tetrahydrofuran
Concen: 89.917 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.7	47.5
71	37.8	29.6	44.4

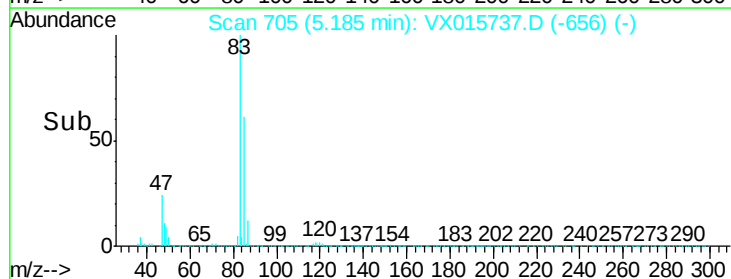
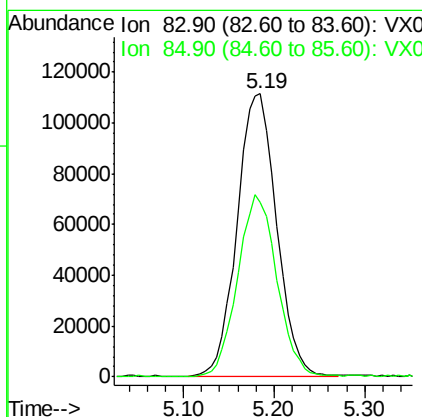
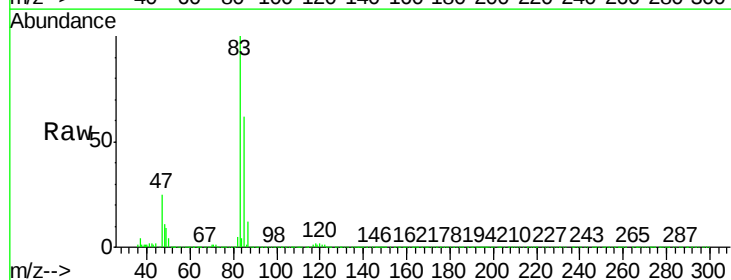
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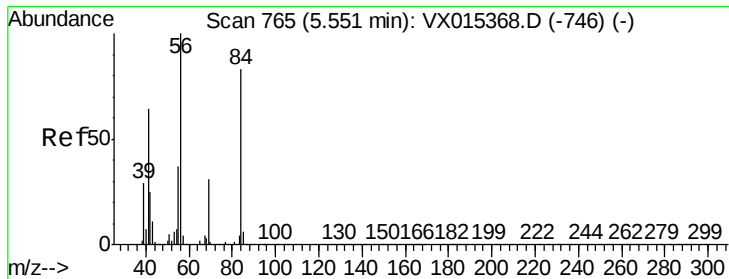
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#30
Chloroform
Concen: 18.340 ug/l
RT: 5.19 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.5	74.3





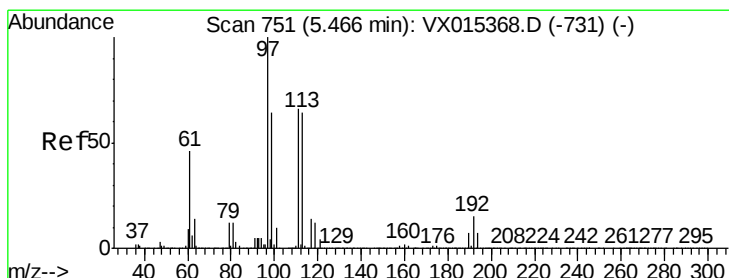
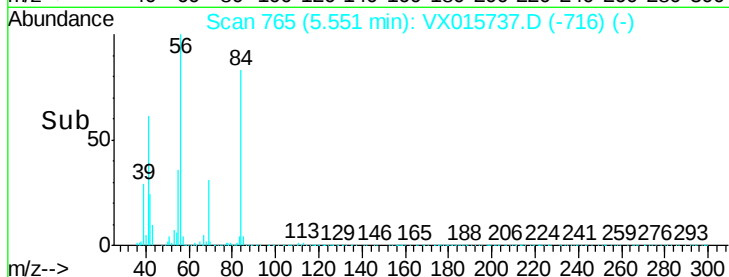
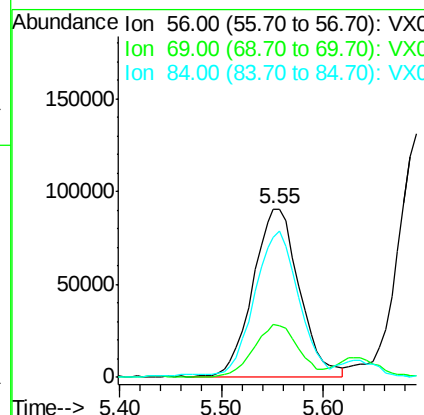
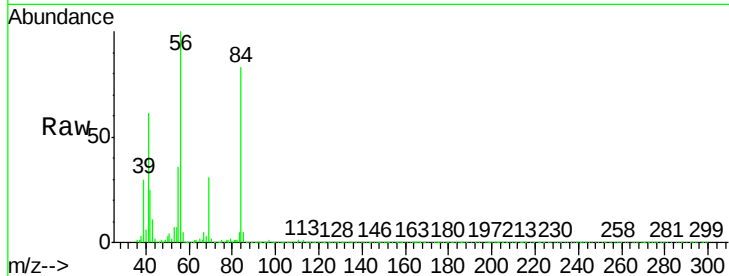
#31
Cyclohexane
Concen: 17.226 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	81.4	66.1	99.1

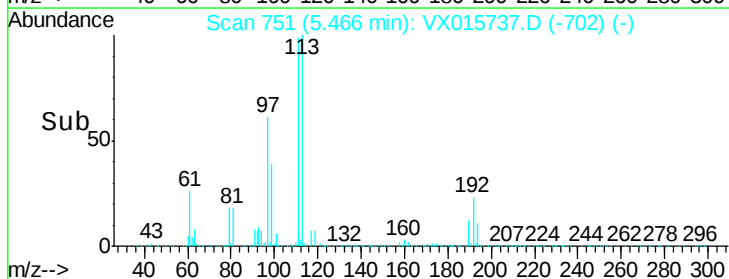
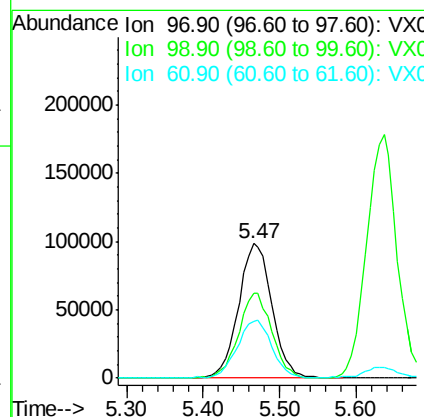
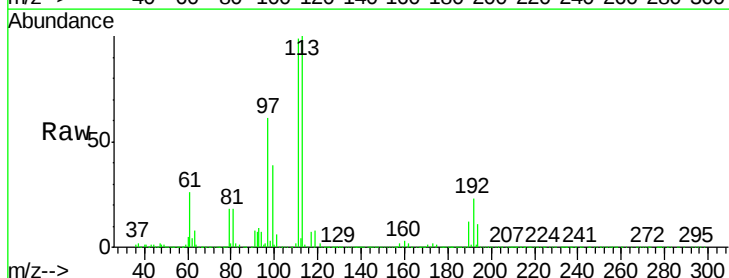
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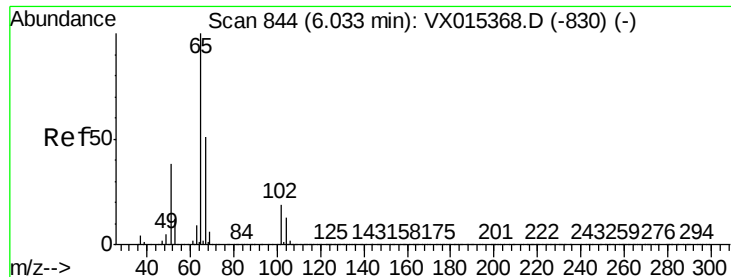
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#32
1,1,1-Trichloroethane
Concen: 17.982 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.0	51.0	76.4
61	43.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.374 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 65 Resp: 618424

Ion Ratio Lower Upper

65 100

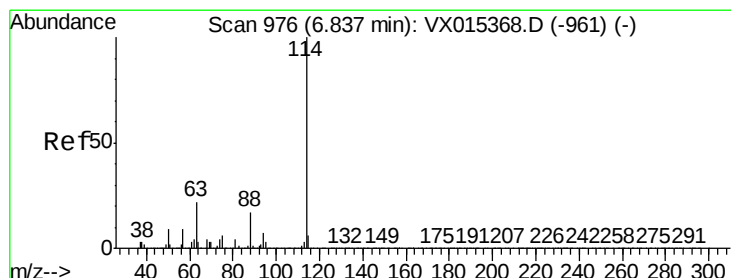
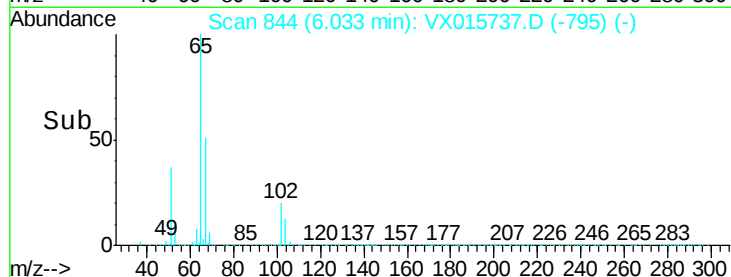
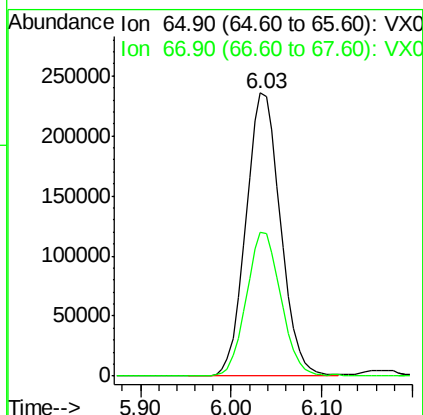
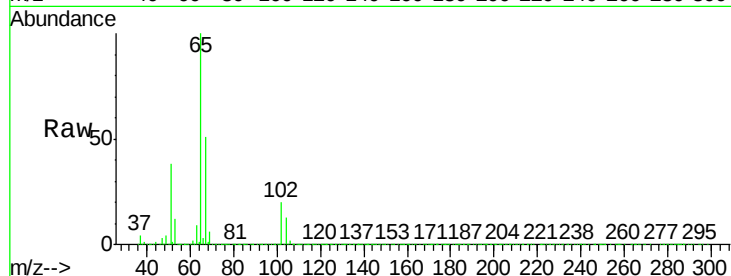
67 50.6 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

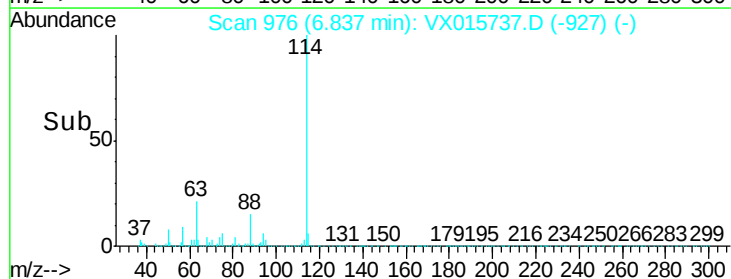
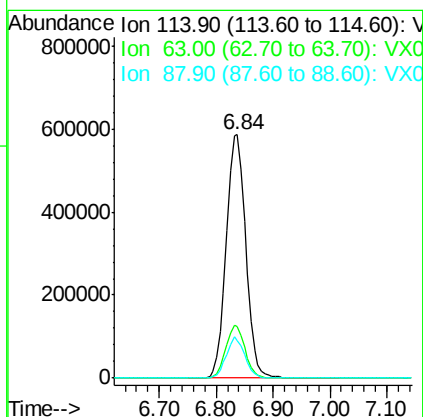
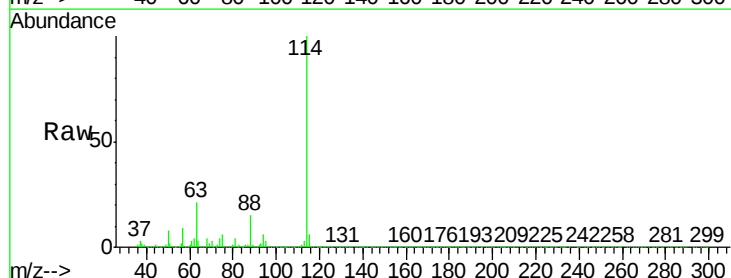
Tgt Ion: 114 Resp: 1406941

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.2

88 15.4 0.0 33.8





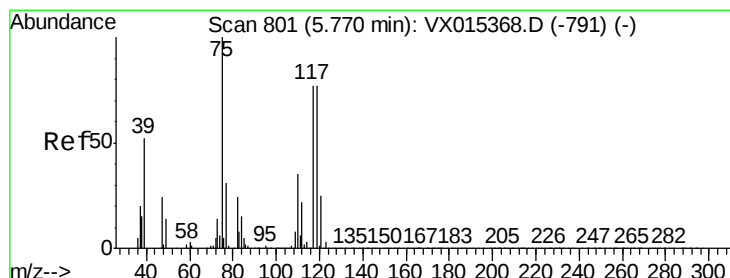
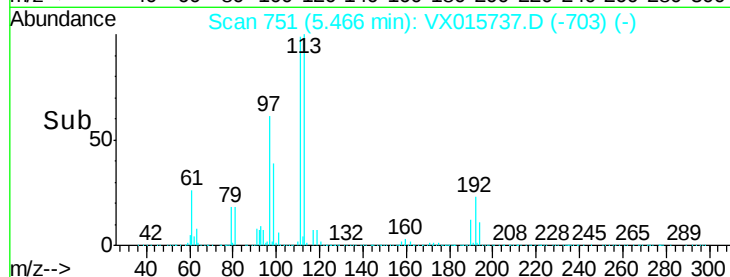
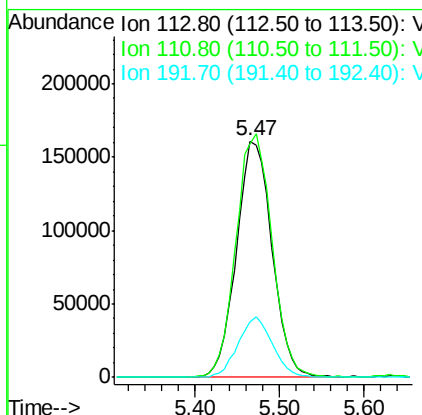
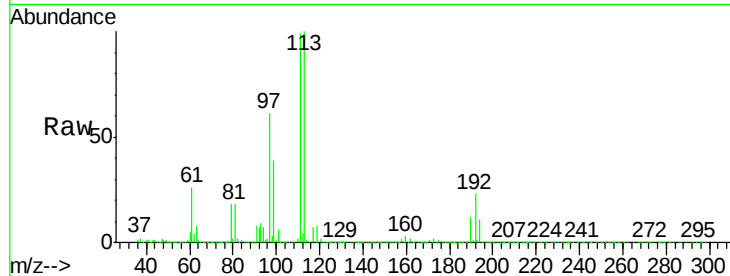
#35
Dibromofluoromethane
Concen: 50.951 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	458233		
111	104.8	81.5	122.3	
192	24.8	17.8	26.6	

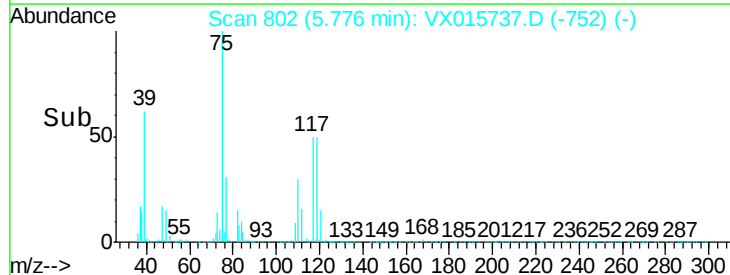
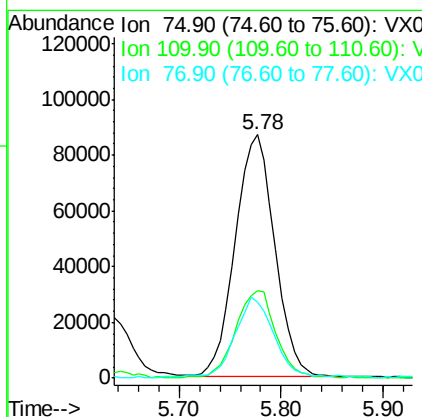
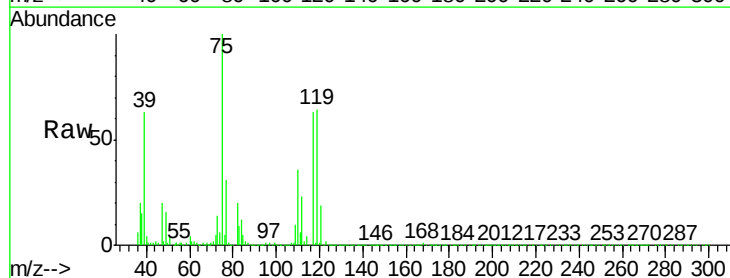
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#36
1,1-Dichloropropene
Concen: 18.026 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	233684		
110	36.9	17.1	51.3	
77	32.0	24.6	36.8	





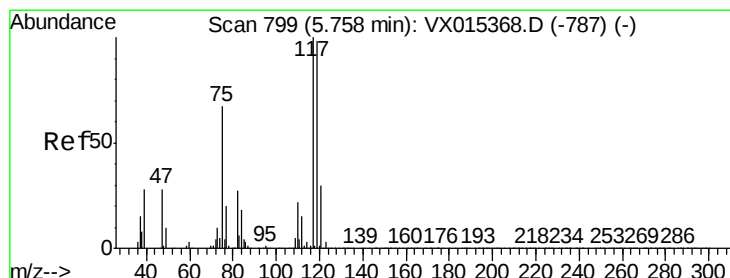
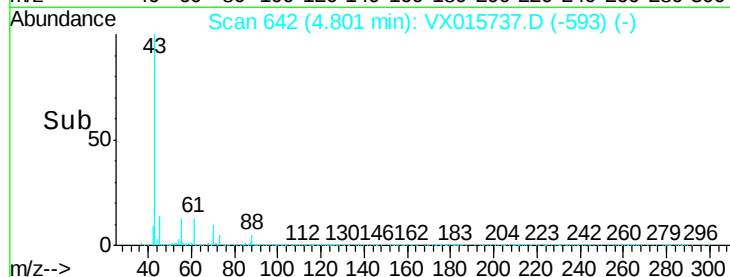
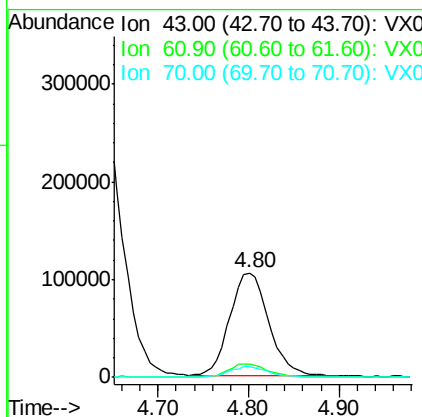
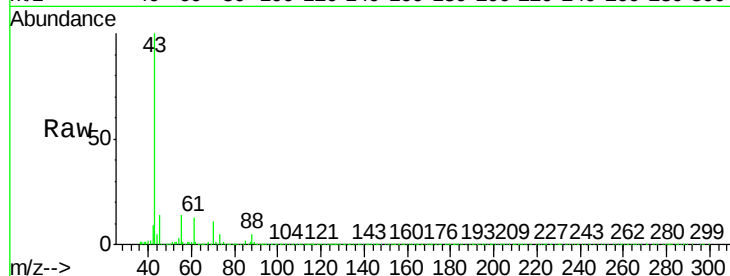
#37
Ethyl Acetate
Concen: 18.759 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.0	8.1	12.1

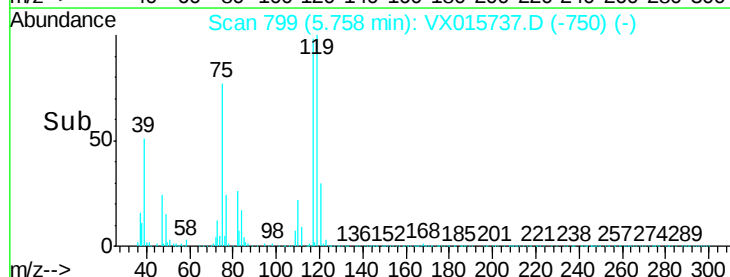
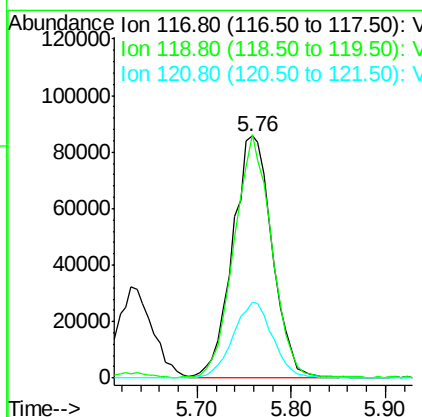
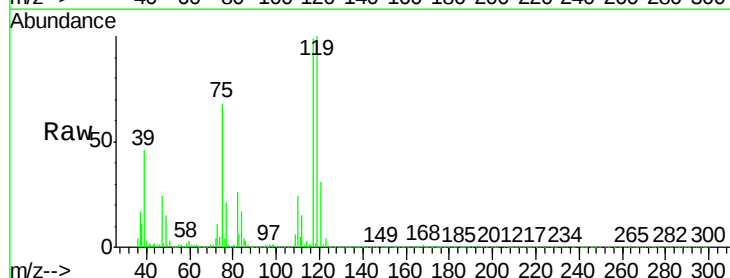
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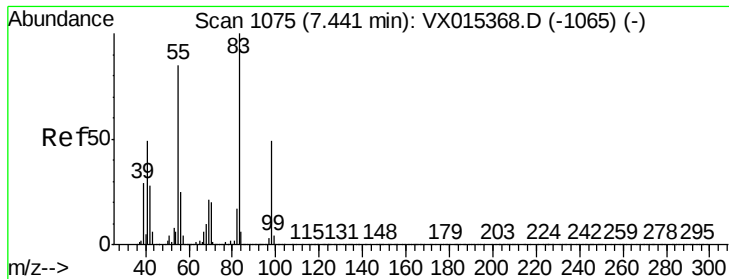
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#38
Carbon Tetrachloride
Concen: 17.800 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.5	78.0	117.0
121	31.6	23.8	35.8





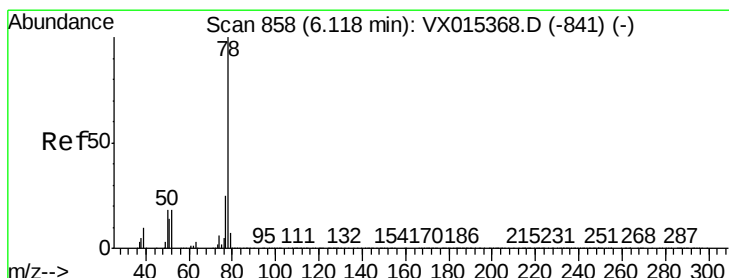
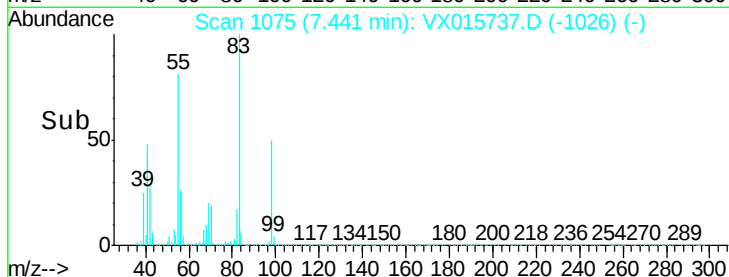
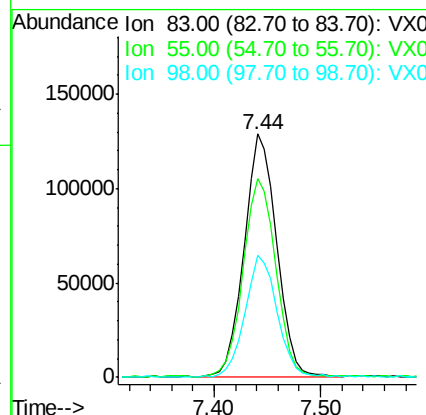
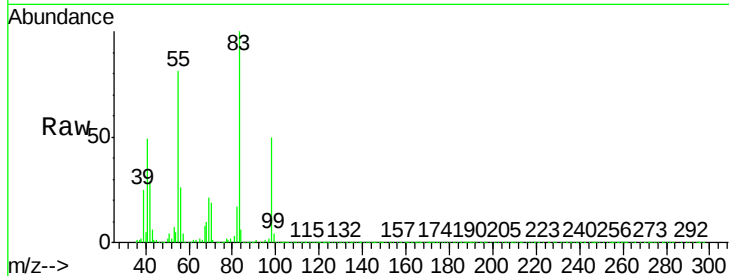
#39
Methvlcvclohexane
Concen: 18.419 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.8	101.6
98	50.2	39.3	58.9

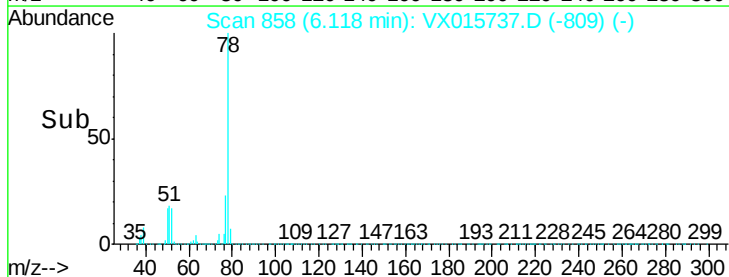
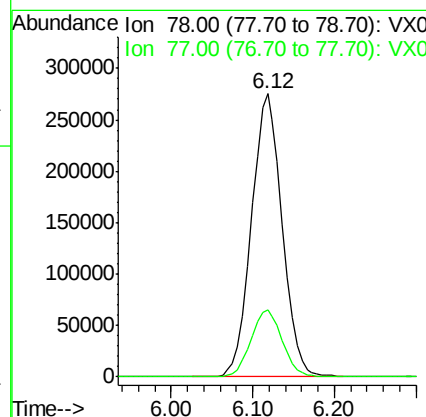
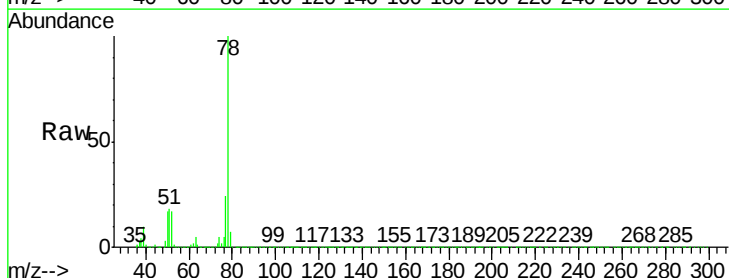
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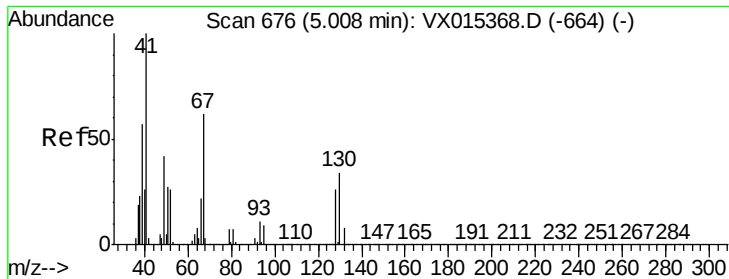
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#40
Benzene
Concen: 18.980 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.8	29.8





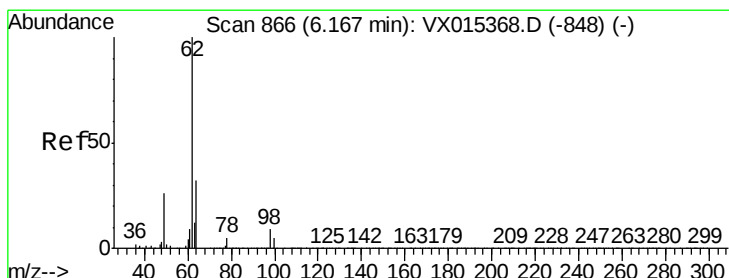
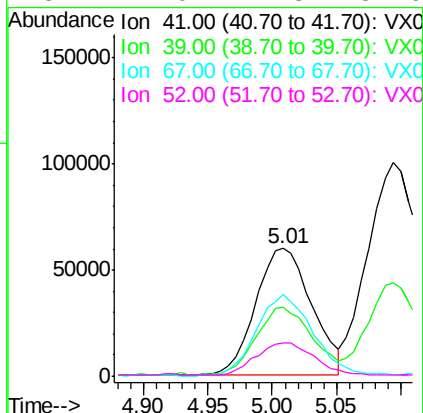
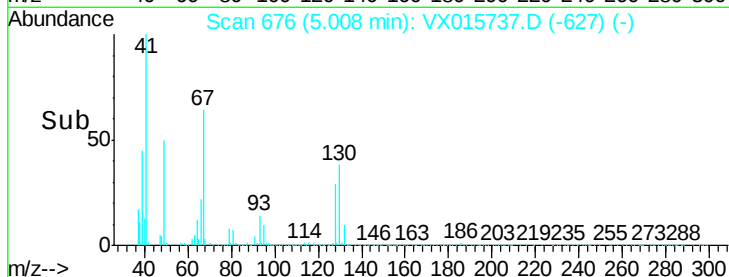
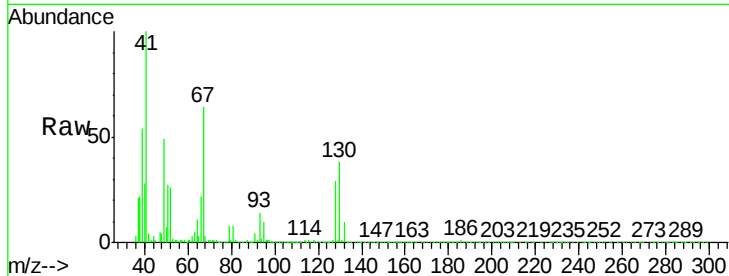
#41
Methacrylonitrile
Concen: 19.486 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	44.5	66.7	
67	63.4	48.9	73.3	
52	27.0	21.8	32.6	

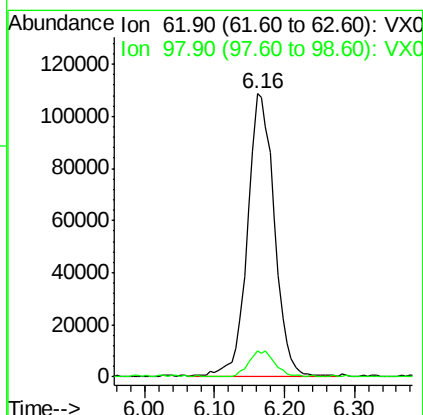
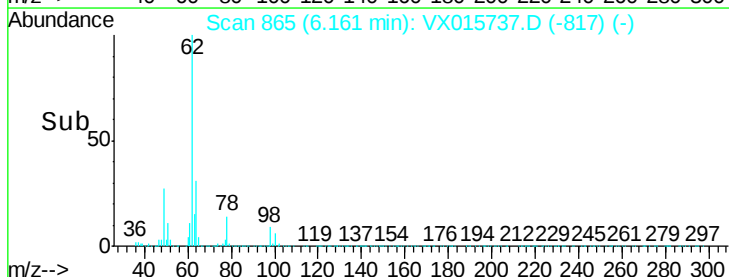
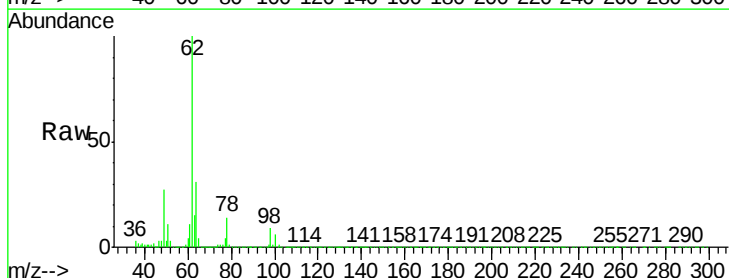
Manual Integrations
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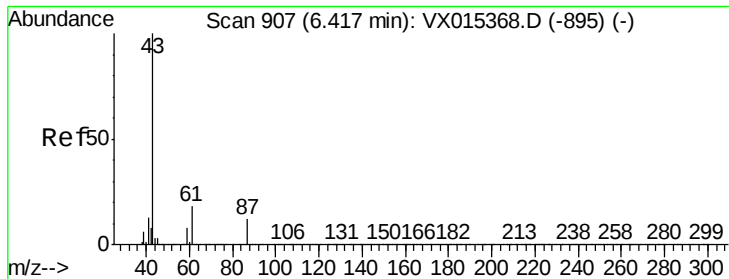
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 6.16 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.6	





#43

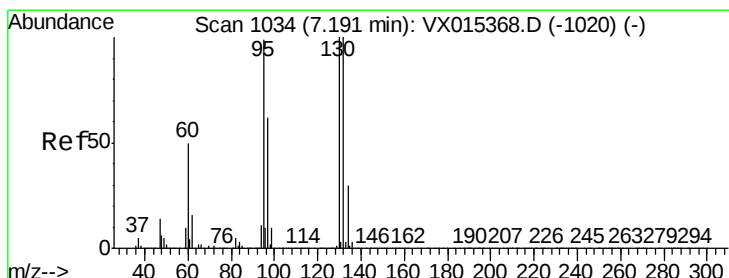
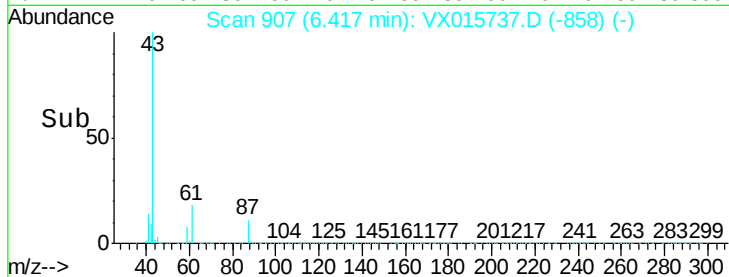
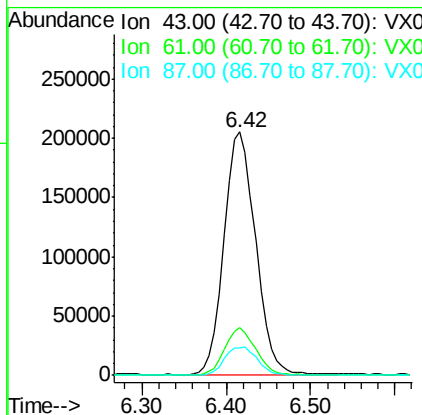
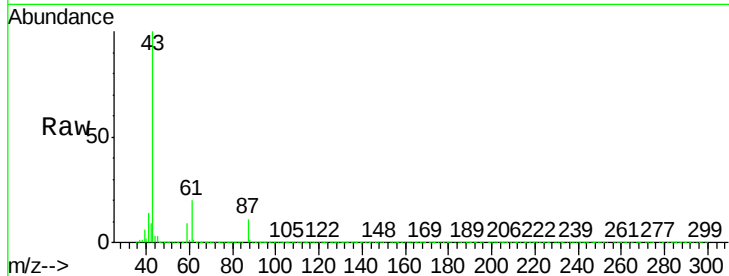
Isopropyl Acetate
 Concen: 18.336 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.8	22.2
87	12.1	9.4	14.0

Manual Integrations
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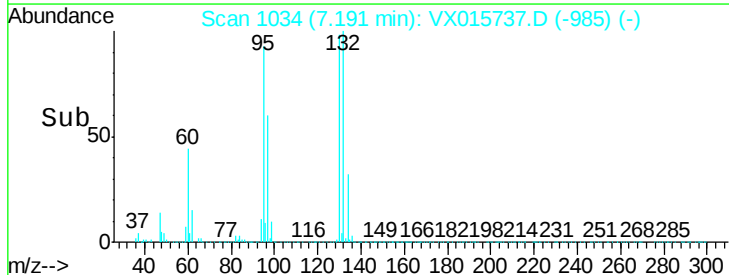
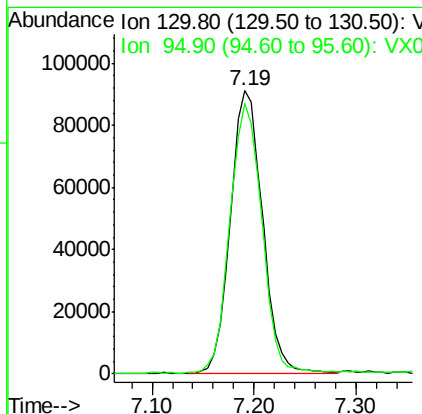
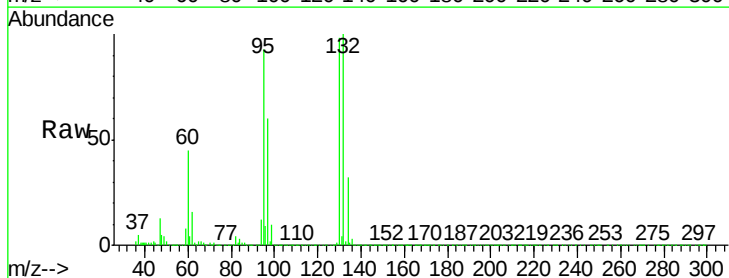
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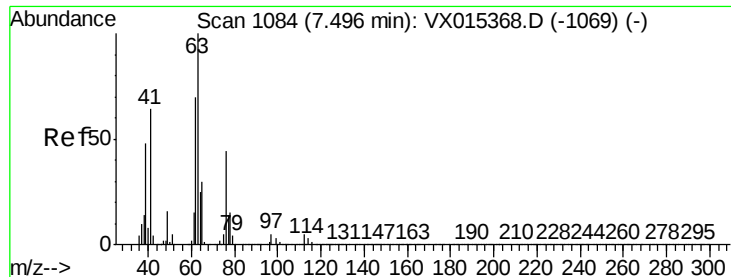


#44

Trichloroethene
 Concen: 19.110 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.456 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 63 Resp: 202112

Ion Ratio Lower Upper

63 100

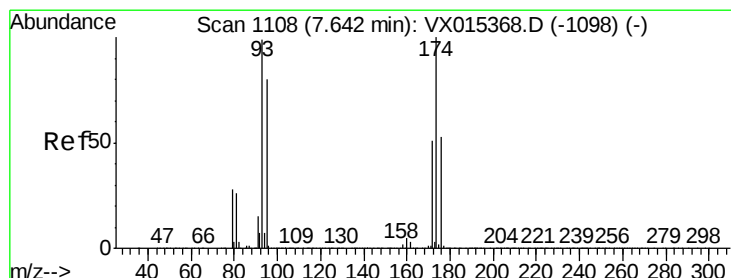
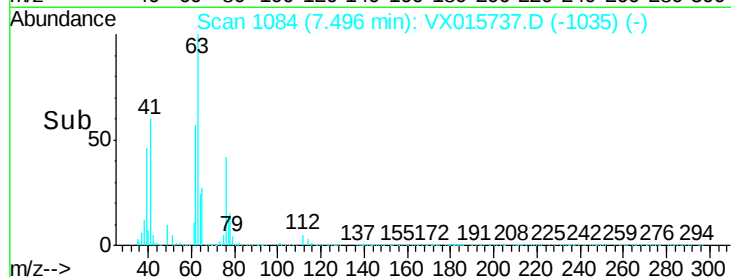
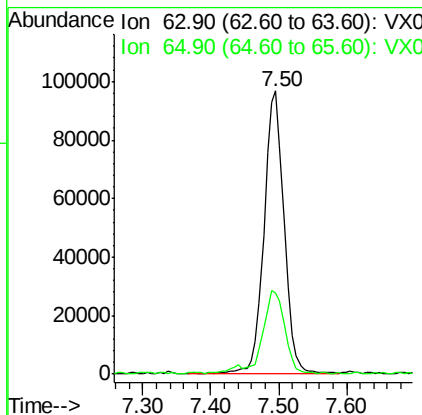
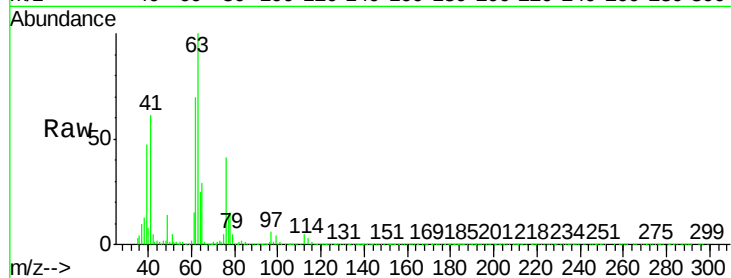
65 27.9 23.9 35.9

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#46

Dibromomethane

Concen: 19.437 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

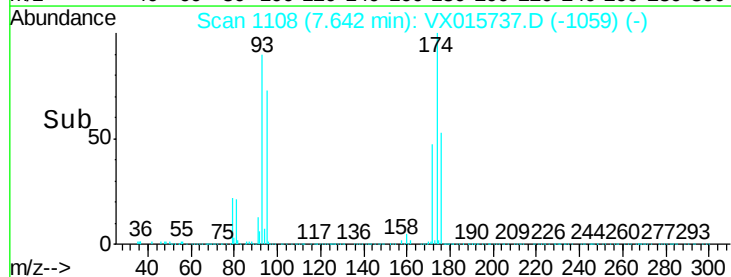
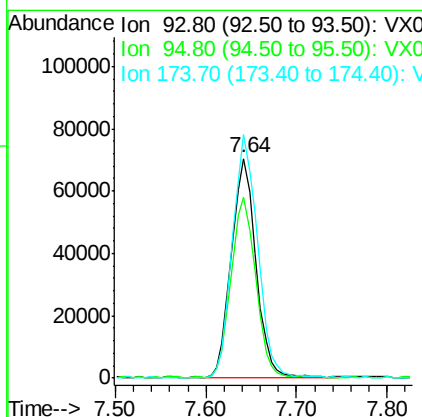
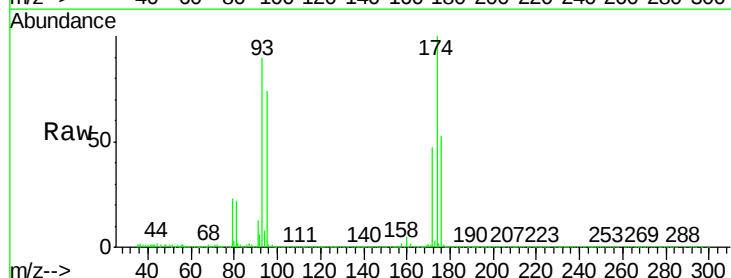
Tgt Ion: 93 Resp: 132447

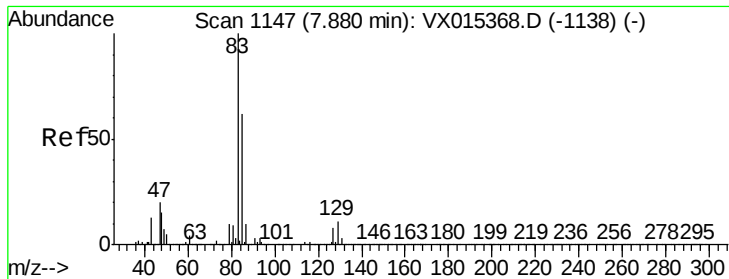
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

174 113.2 86.2 129.2





#47

Bromodichloromethane

Concen: 18.471 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

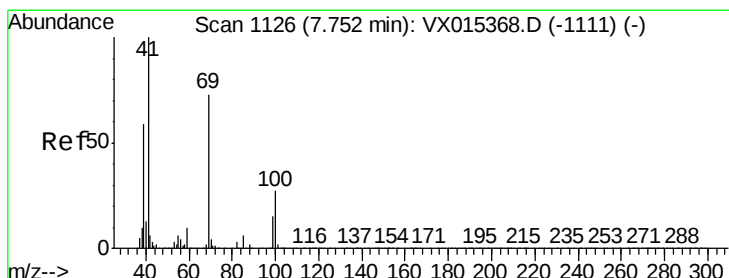
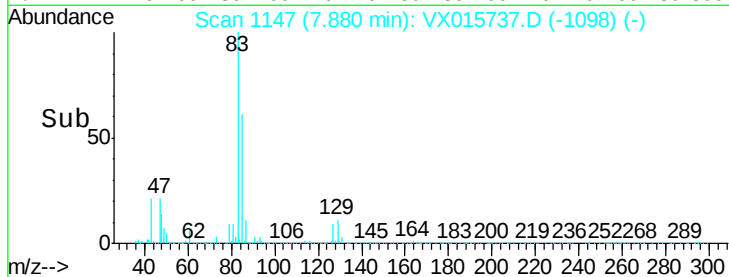
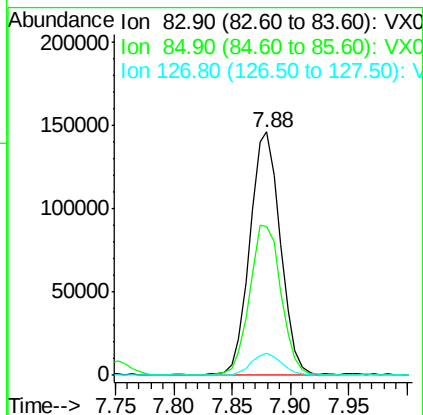
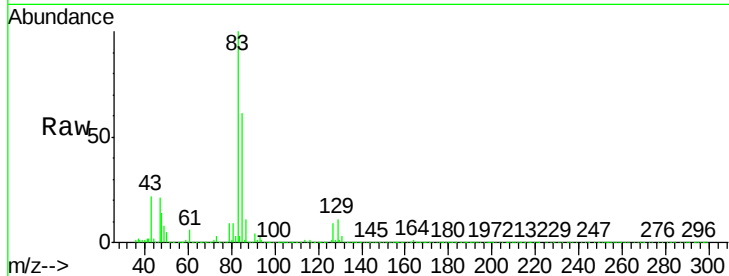
ClientSampleId :

VX0417WBS02

Tot Ion:	83	Resp:	268195
Ion Ratio	Lower	Upper	
83	100		
85	61.1	49.7	74.5
127	9.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 18.643 ug/l

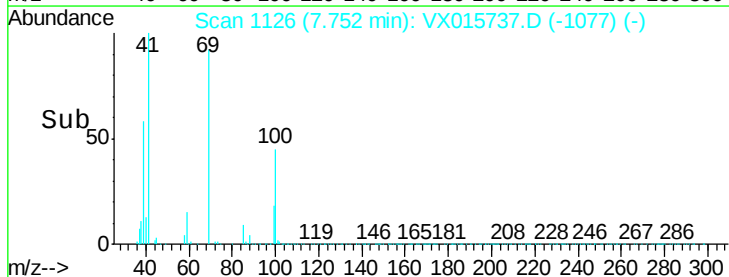
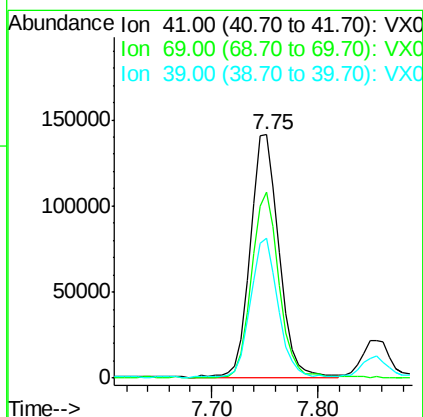
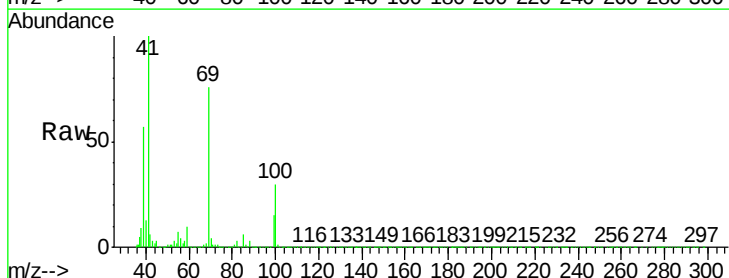
RT: 7.75 min Scan# 1126

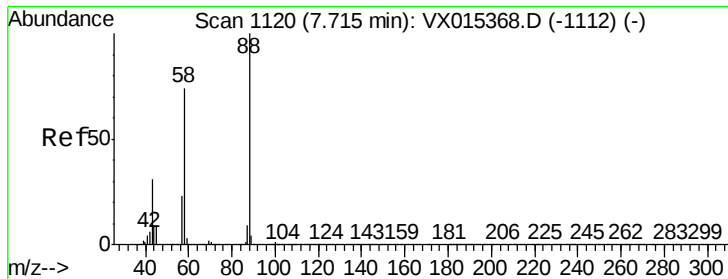
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	41	Resp:	265341
Ion Ratio	Lower	Upper	
41	100		
69	73.1	56.7	85.1
39	55.4	46.5	69.7





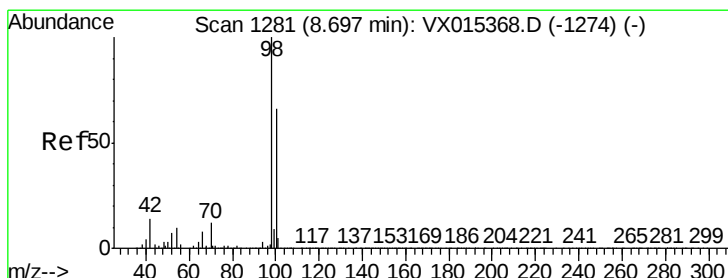
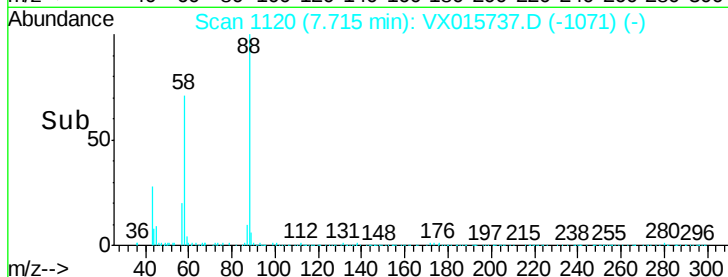
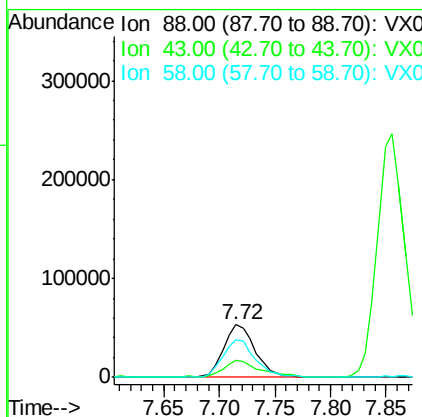
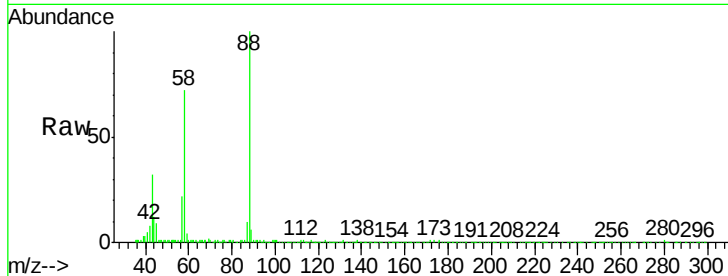
#49
1,4-Dioxane
Concen: 387.619 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.8	30.1	45.1
58	73.8	60.6	90.8

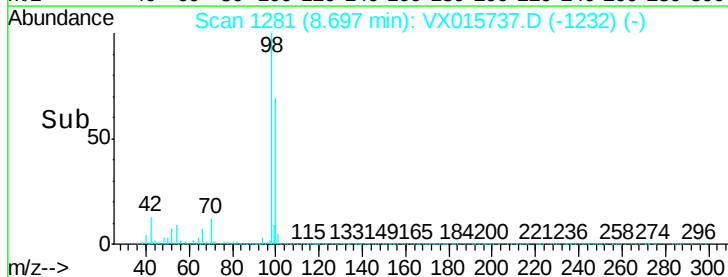
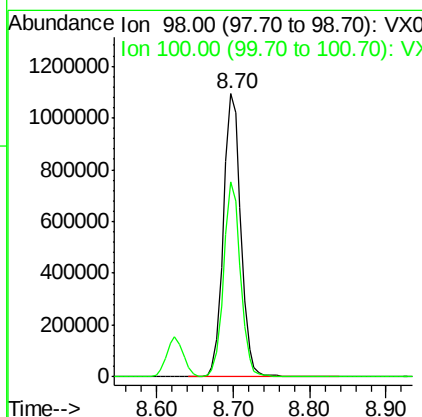
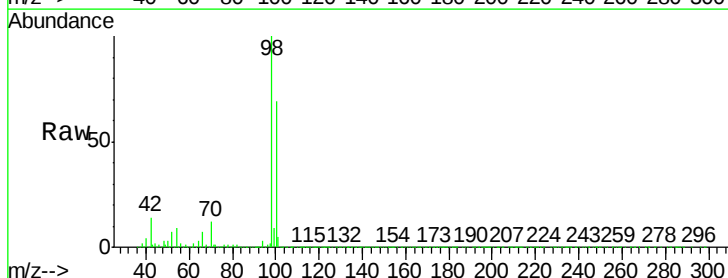
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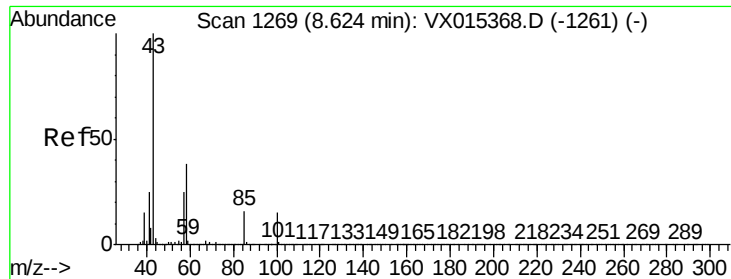
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#50
Toluene-d8
Concen: 51.920 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3





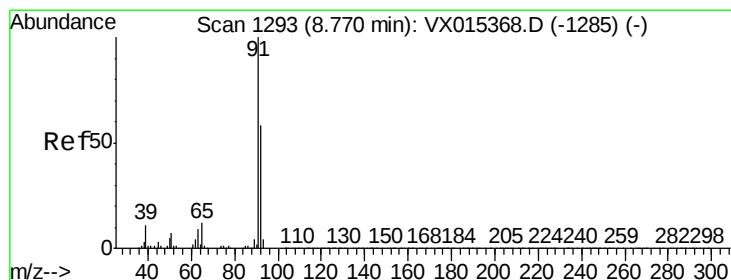
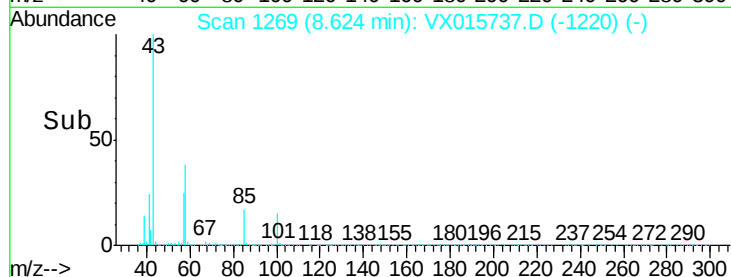
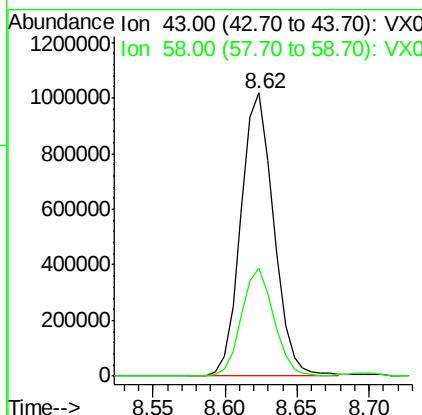
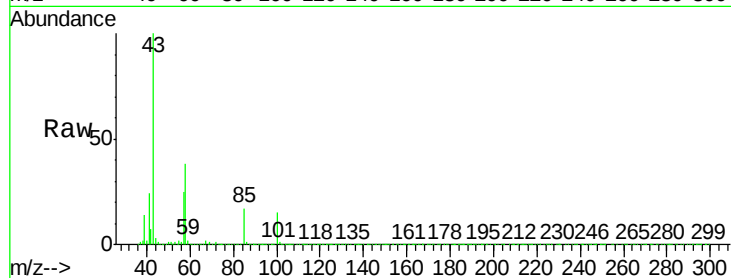
#51
 4-Methyl-2-Pentanone
 Concen: 99.555 ug/l
 RT: 8.62 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion: 43 Resp: 1607631
 Ion Ratio Lower Upper
 43 100
 58 37.5 29.7 44.5

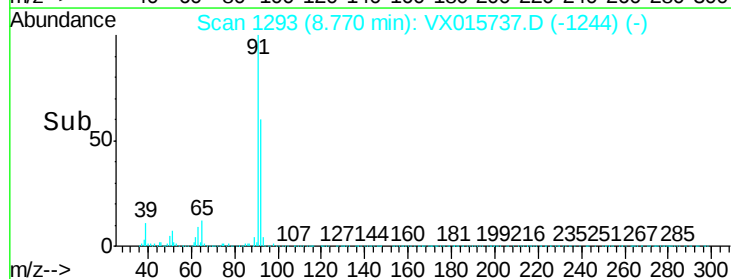
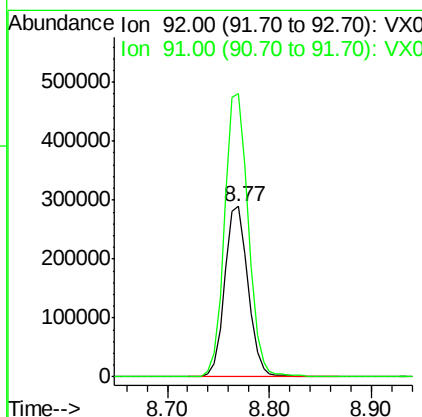
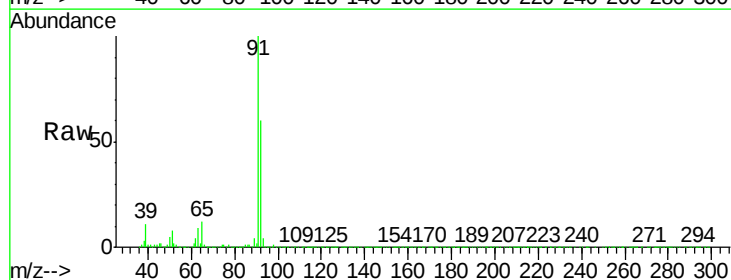
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#52
 Toluene
 Concen: 19.559 ug/l
 RT: 8.77 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion: 92 Resp: 457916
 Ion Ratio Lower Upper
 92 100
 91 168.6 136.6 205.0





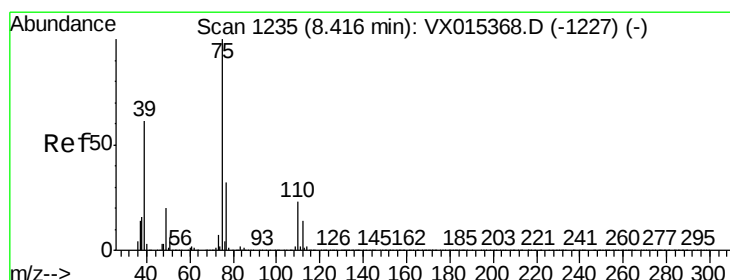
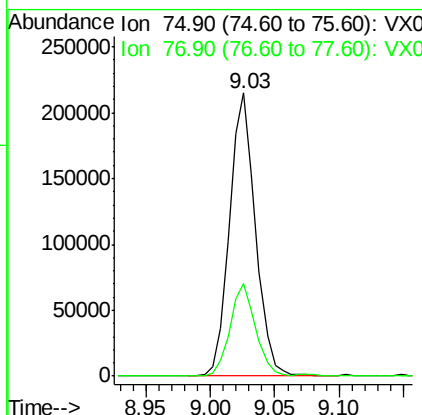
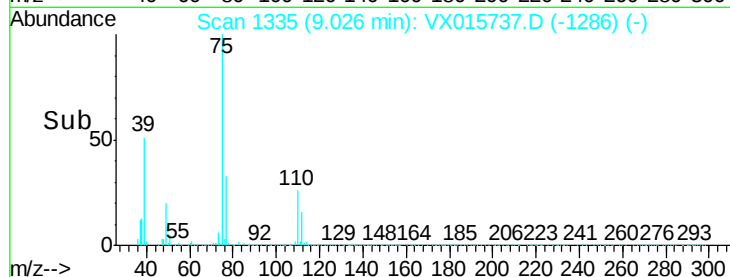
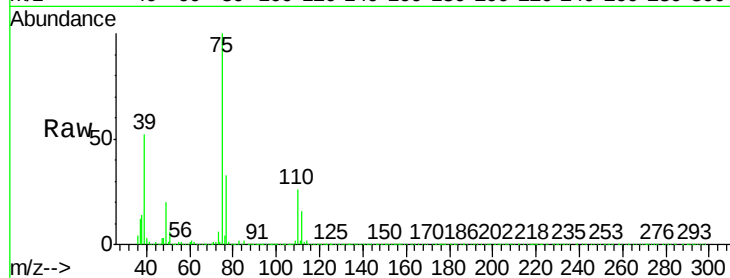
#53
t-1,3-Dichloropropene
Concen: 17.677 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.1	36.1

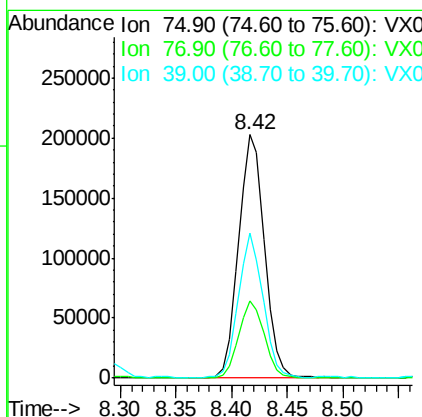
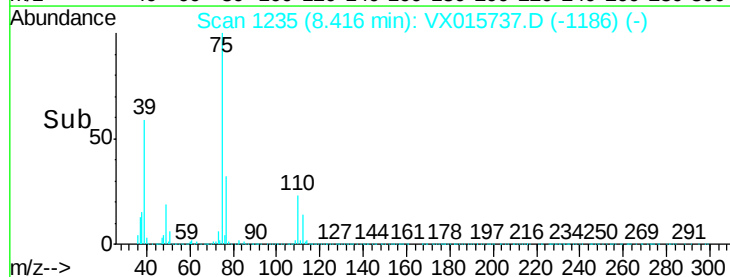
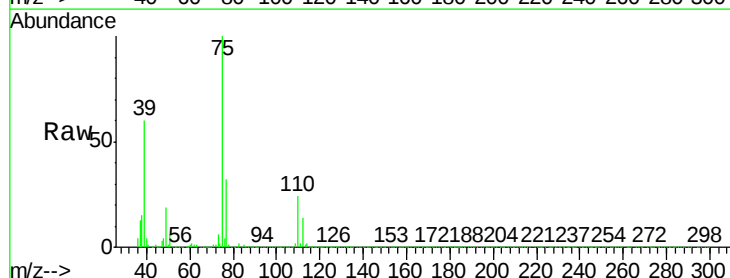
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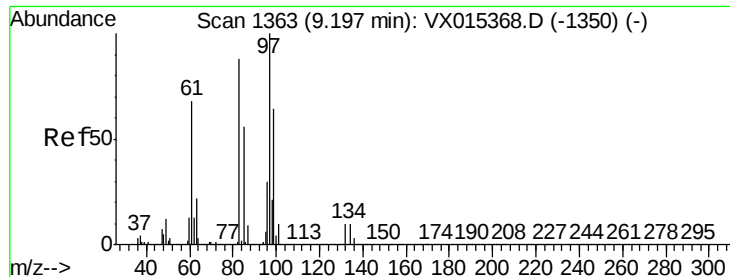
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#54
cis-1,3-Dichloropropene
Concen: 18.885 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	59.2	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 20.548 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

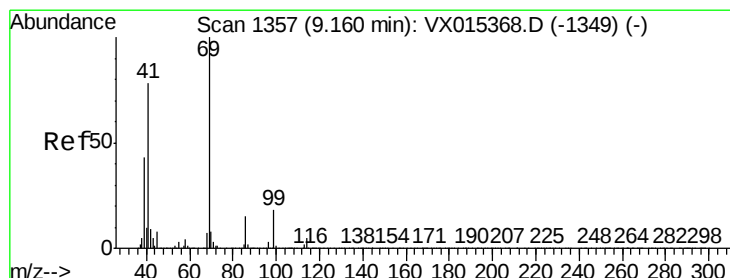
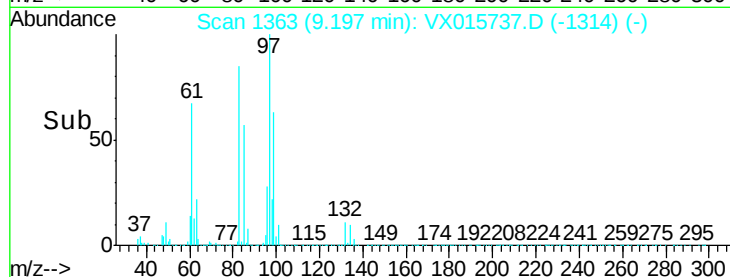
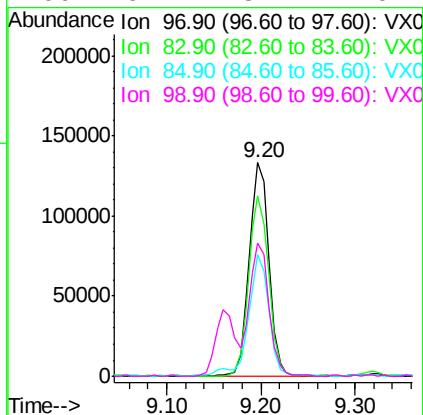
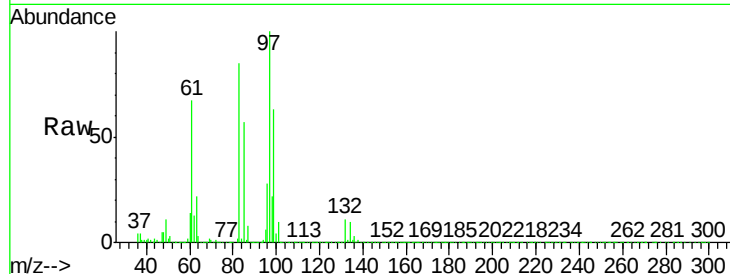
ClientSampleId :

VX0417WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		197091		
83	84.5	70.2	105.4		
85	56.7	44.7	67.1		
99	62.4	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 18.471 ug/l

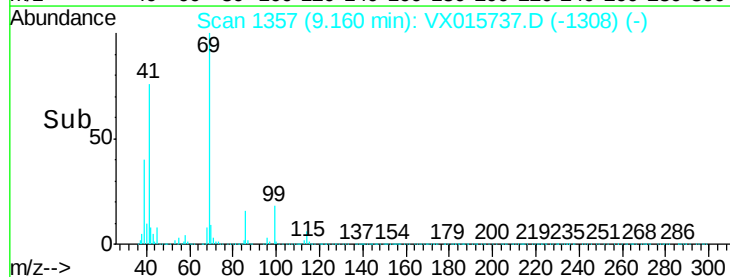
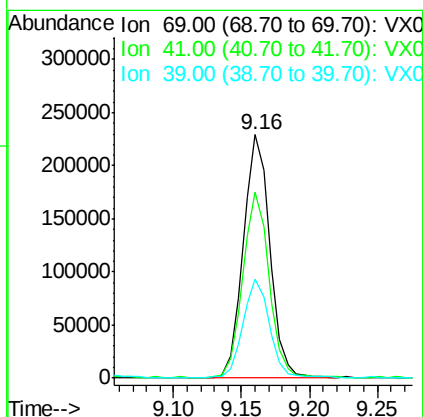
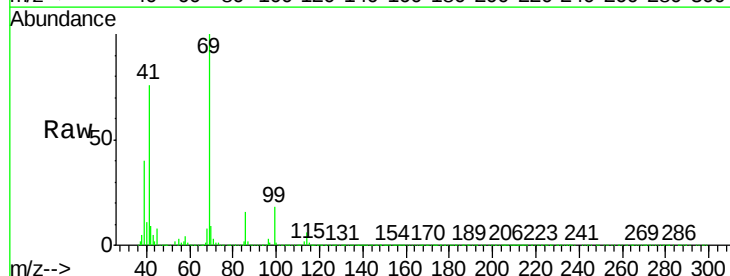
RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		312243		
41	75.1	61.6	92.4		
39	40.0	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 19.830 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 76 Resp: 342685

Ion Ratio Lower Upper

76 100

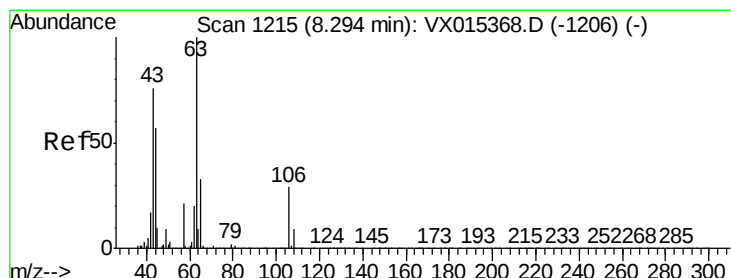
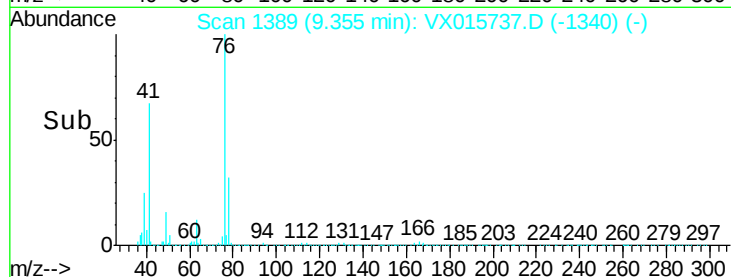
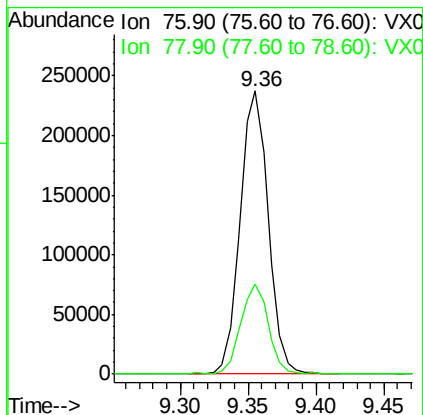
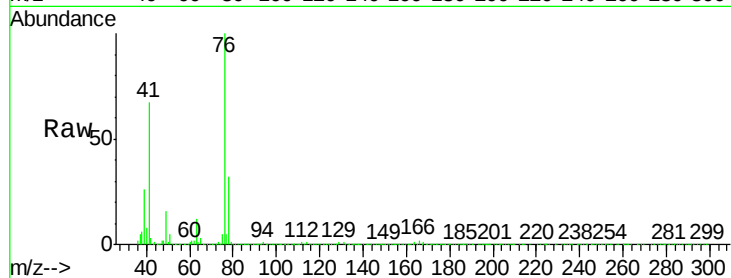
78 31.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 96.585 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015737.D

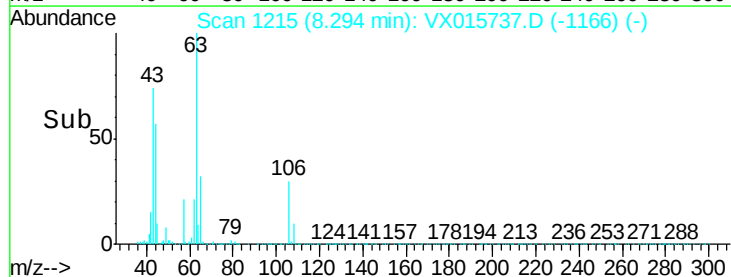
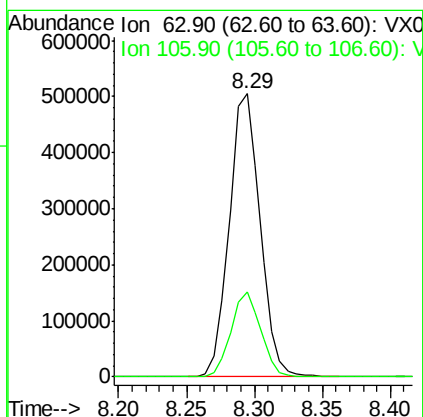
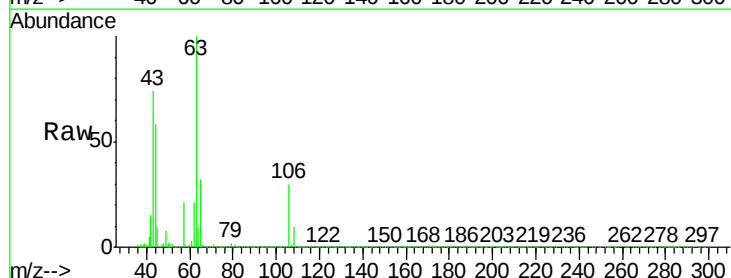
Acq: 17 Apr 2020 14:53

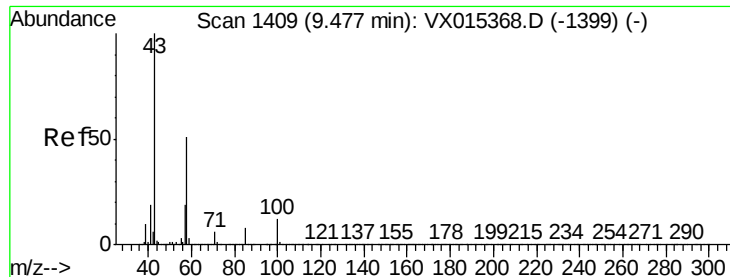
Tgt Ion: 63 Resp: 794155

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1





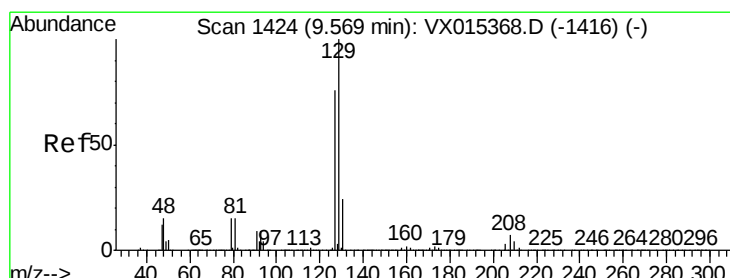
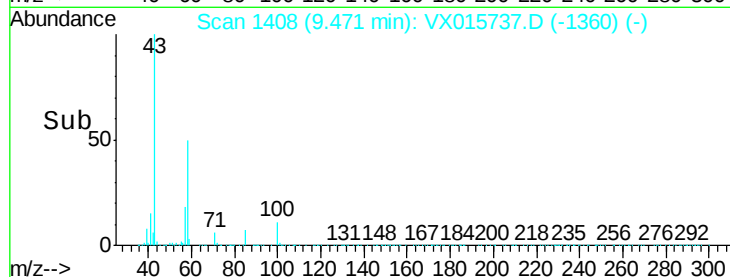
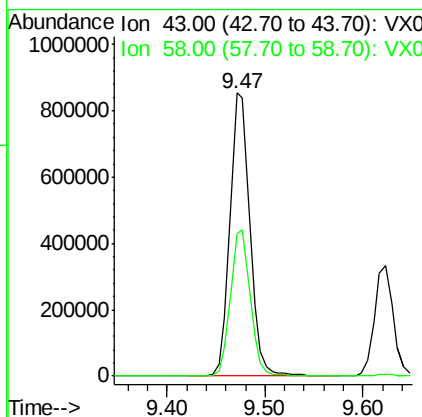
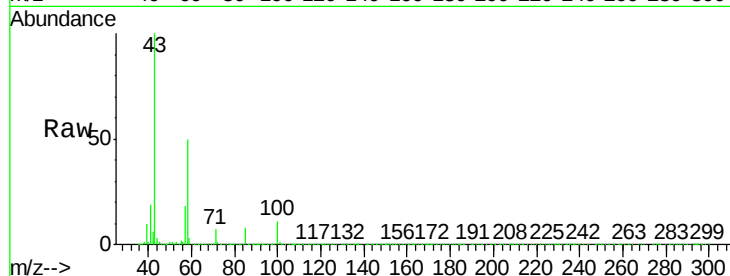
#59
2-Hexanone
Concen: 99.607 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion: 43 Resp: 1214353
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.6

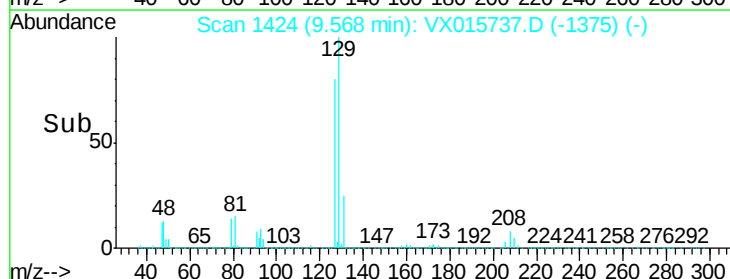
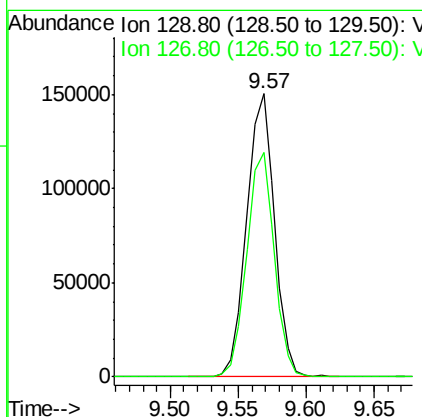
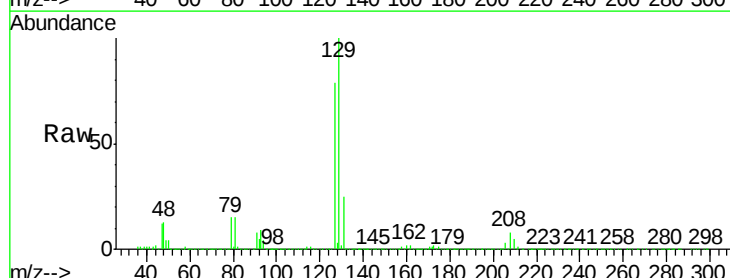
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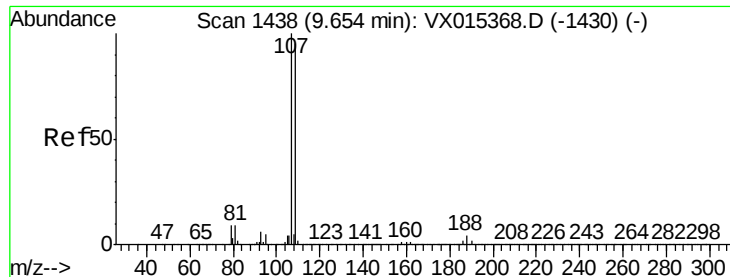
MMDadoda
4/20/2020 10:06:26 AM



#60
Dibromochloromethane
Concen: 18.686 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion: 129 Resp: 215374
Ion Ratio Lower Upper
129 100
127 78.8 38.2 114.6





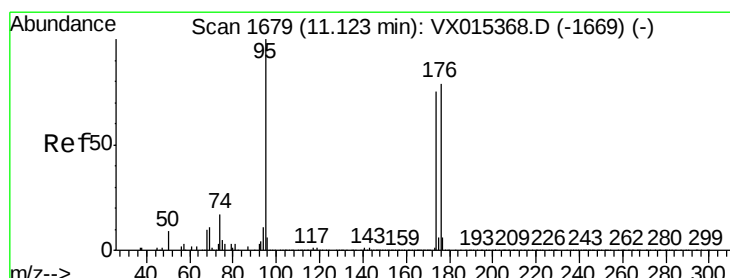
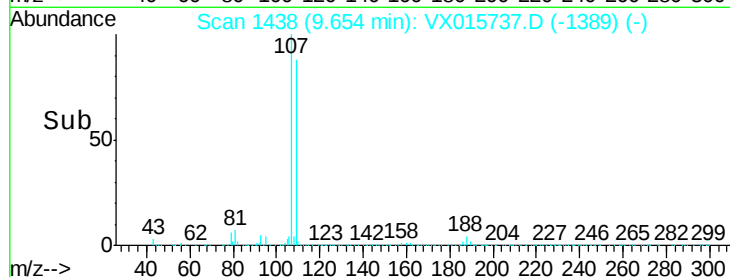
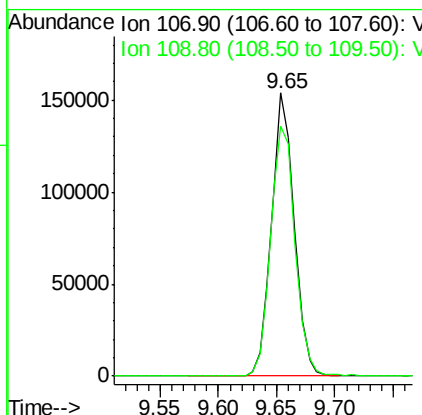
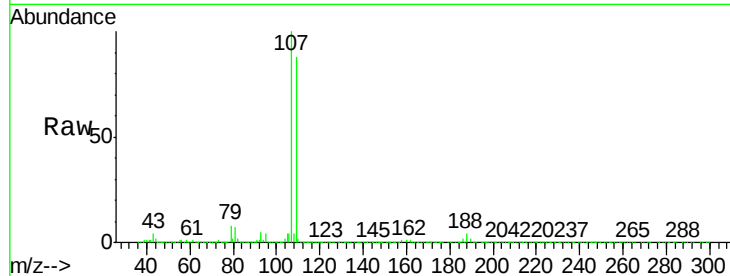
#61
 1,2-Dibromoethane
 Concen: 19.956 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208136		
109	94.8	74.8	112.2	

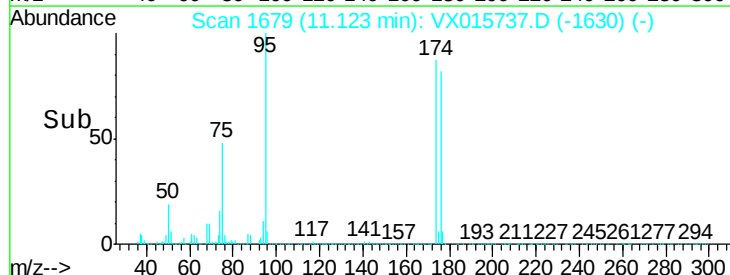
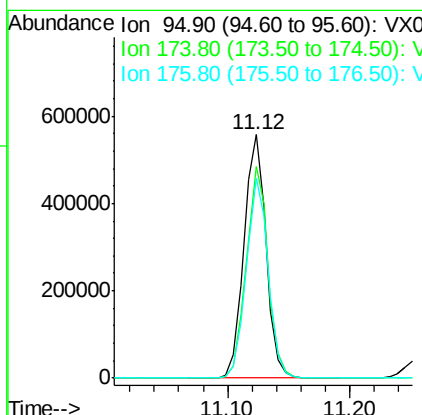
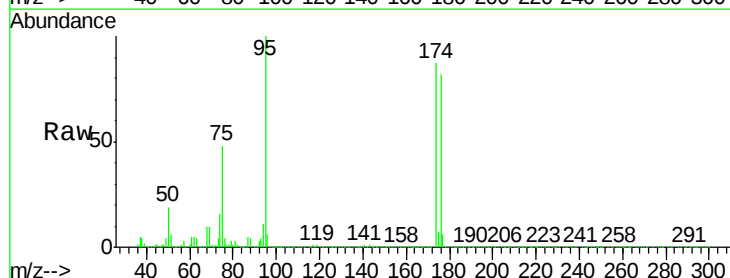
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#62
 4-Bromofluorobenzene
 Concen: 51.522 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	693322		
174	86.0	0.0	158.6	
176	81.9	0.0	159.0	





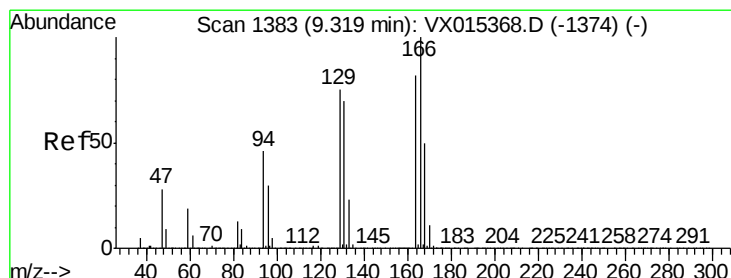
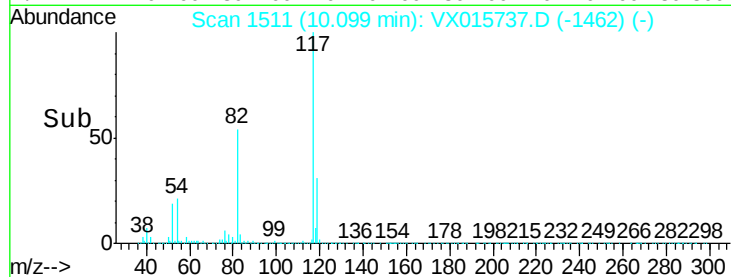
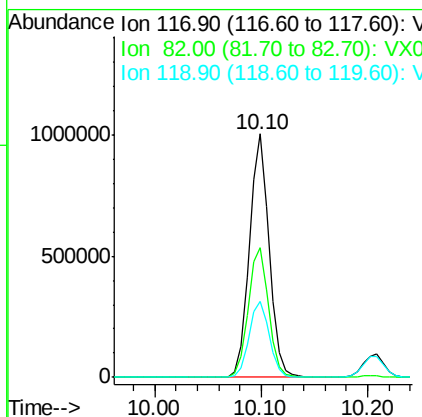
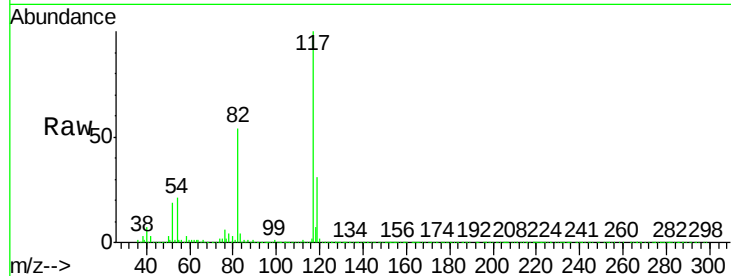
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	47.8	71.8
119	31.3	26.8	40.2

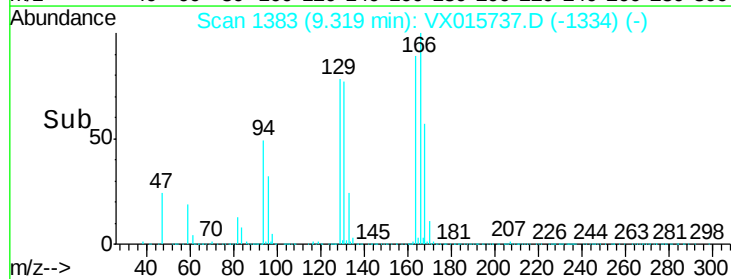
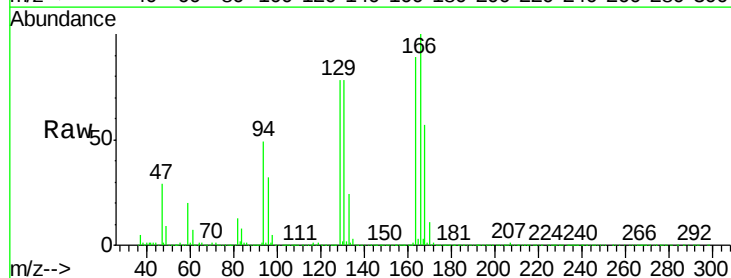
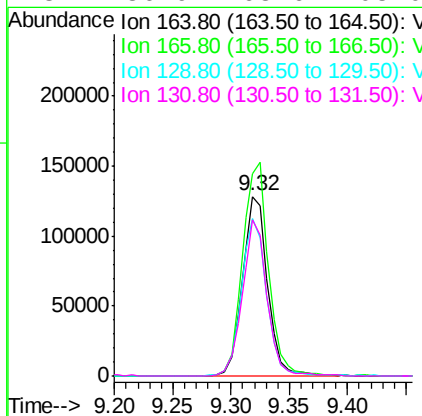
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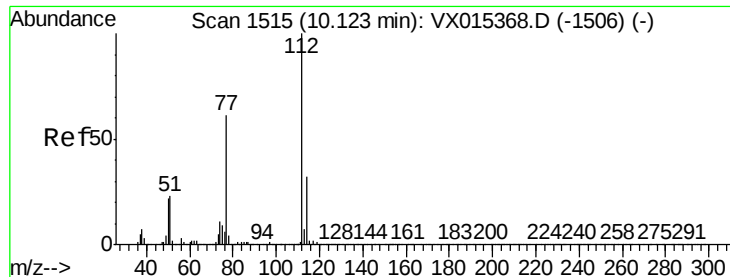
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#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.1	97.8	146.6
129	87.7	73.0	109.4
131	86.9	68.6	103.0





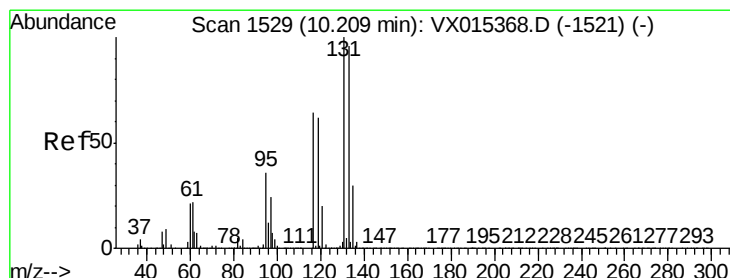
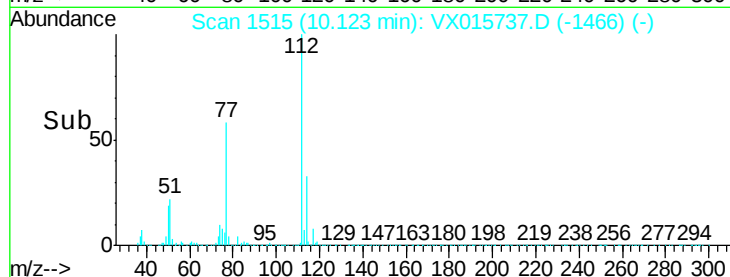
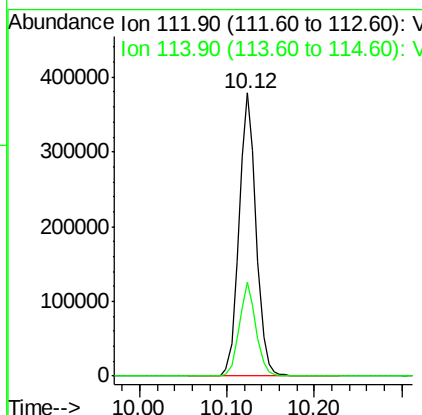
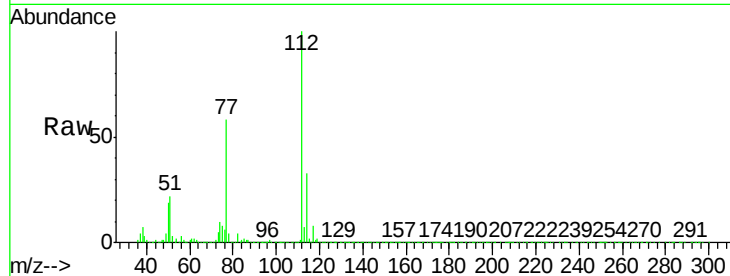
#65
Chlorobenzene
Concen: 19.908 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.5	38.3

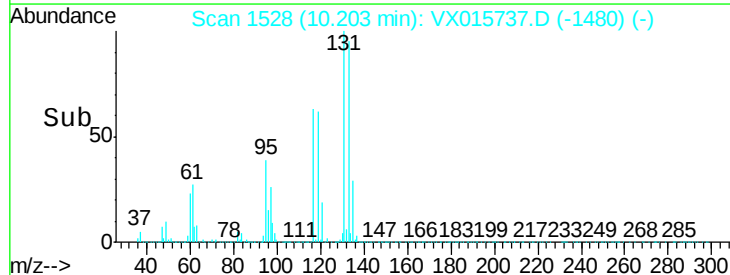
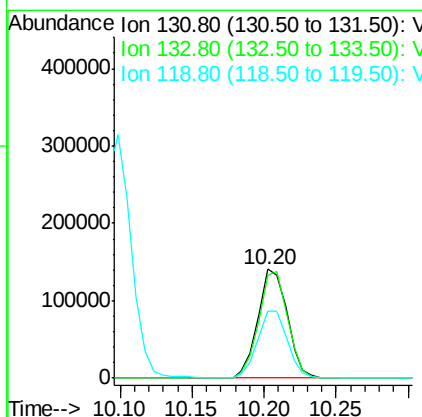
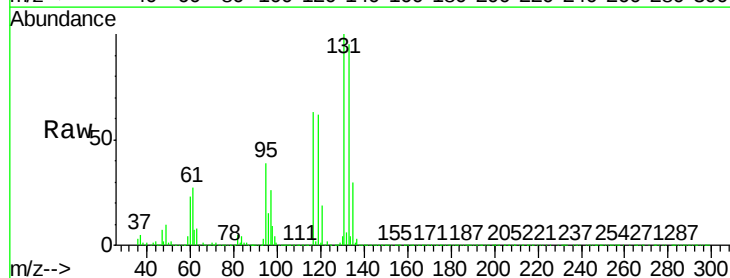
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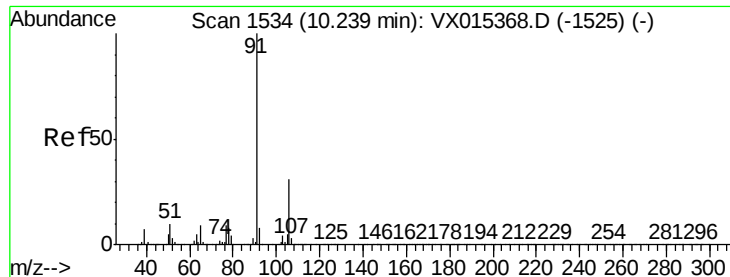
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.6	142.9
119	62.6	31.1	93.3





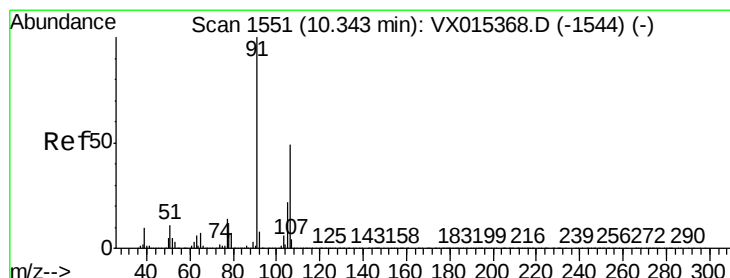
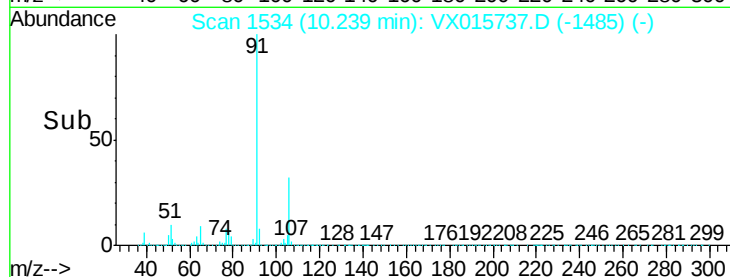
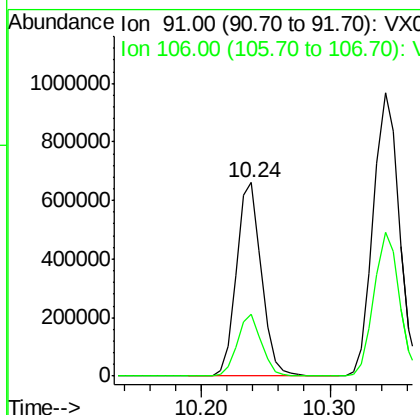
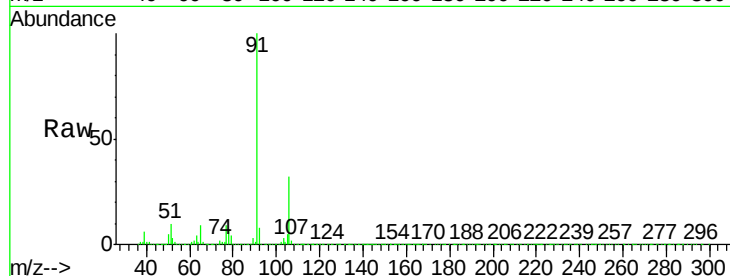
#67
Ethyl Benzene
Concen: 19.270 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.8	37.2

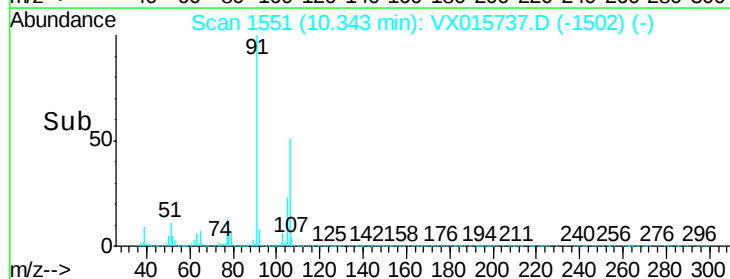
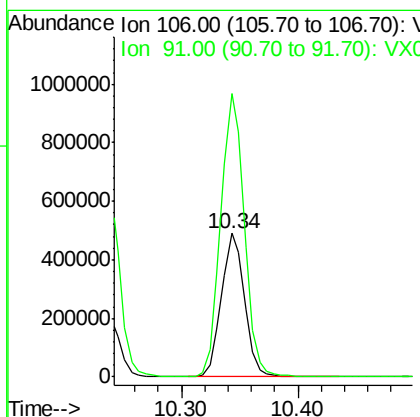
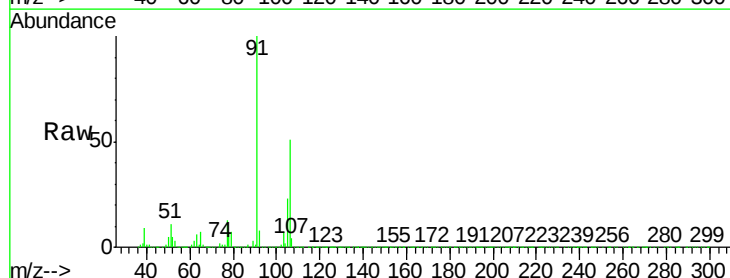
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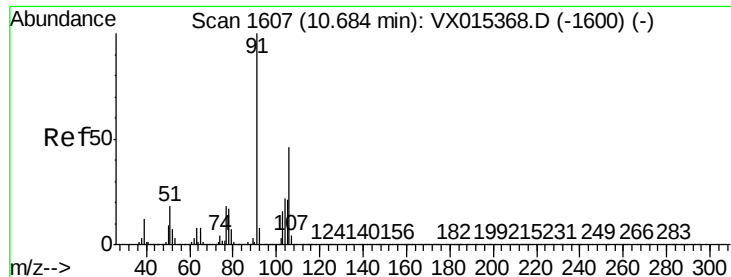
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#68
m/p-Xylenes
Concen: 38.942 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.8	163.4	245.0





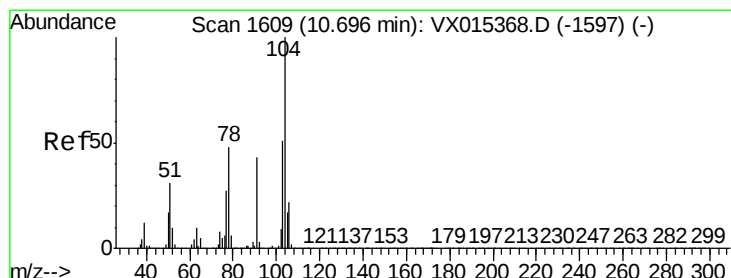
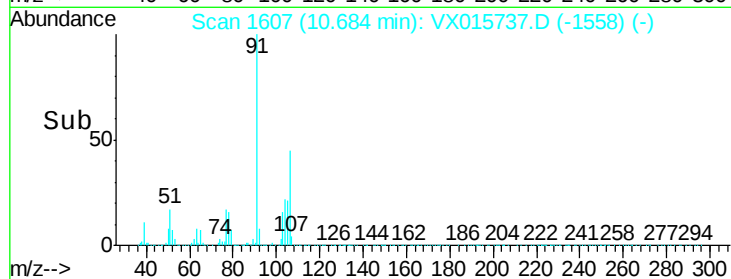
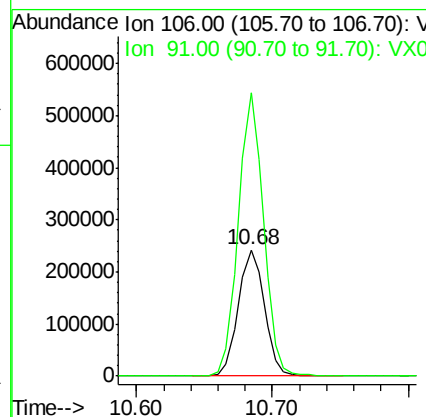
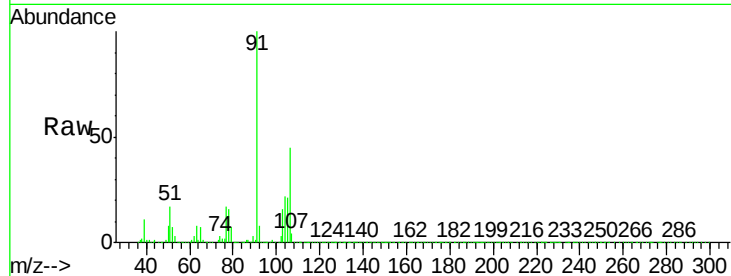
#69
o-Xylene
Concen: 19.068 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.0	107.1	321.3

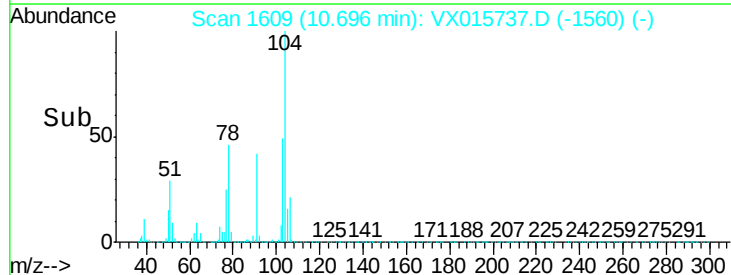
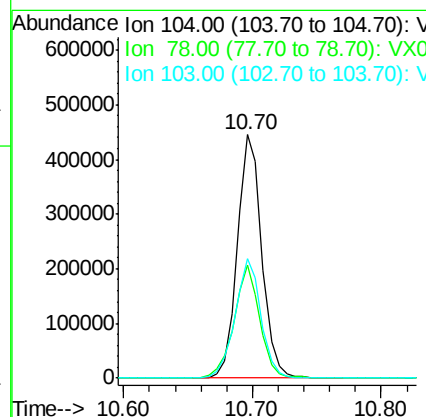
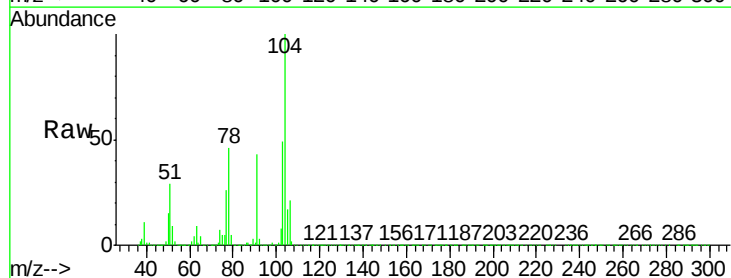
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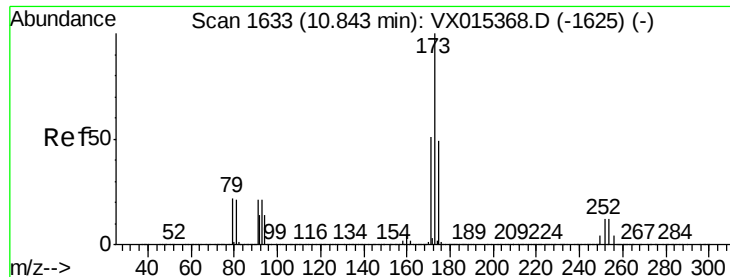
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#70
Styrene
Concen: 19.685 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	42.0	63.0
103	52.2	43.4	65.0





#71

Bromoform

Concen: 18.438 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion:173 Resp: 174780

Ion Ratio Lower Upper

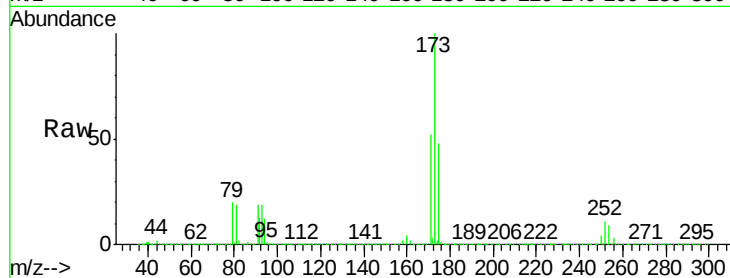
173 100

175 48.0 23.9 71.7

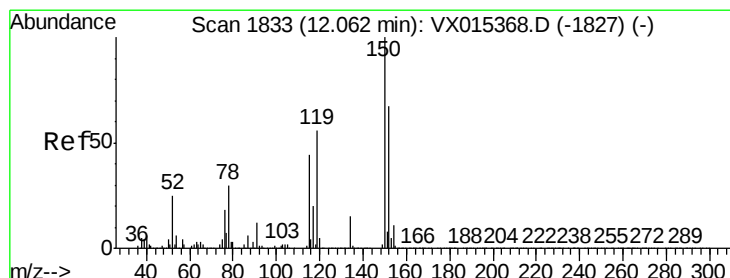
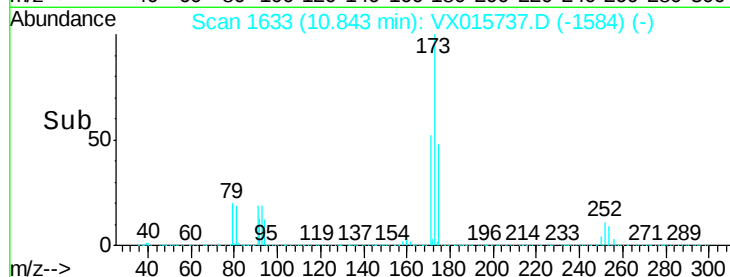
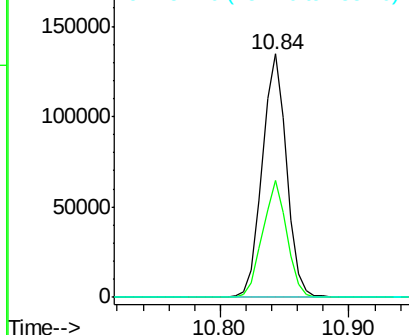
254 0.3 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

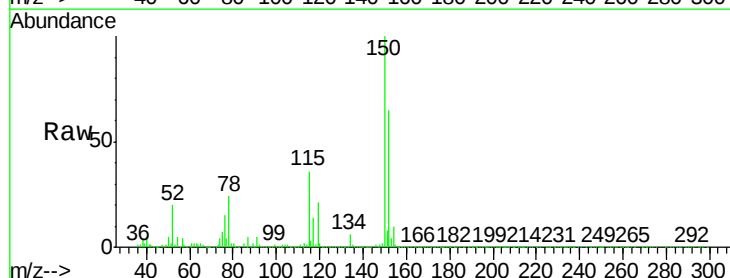
Tgt Ion:152 Resp: 707092

Ion Ratio Lower Upper

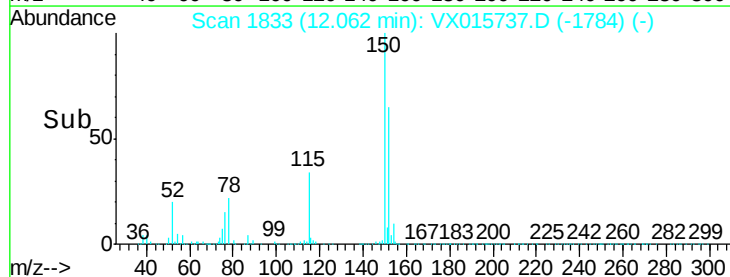
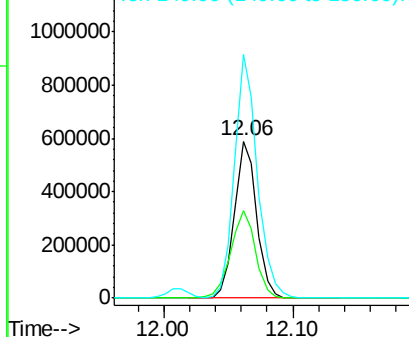
152 100

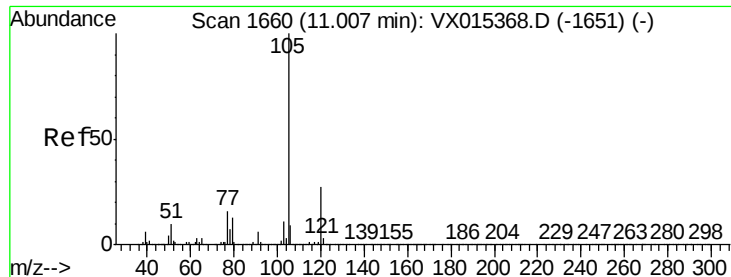
115 62.3 39.0 116.9

150 160.6 0.0 340.8



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





#73

Isopropylbenzene

Concen: 19.134 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 105 Resp: 886471

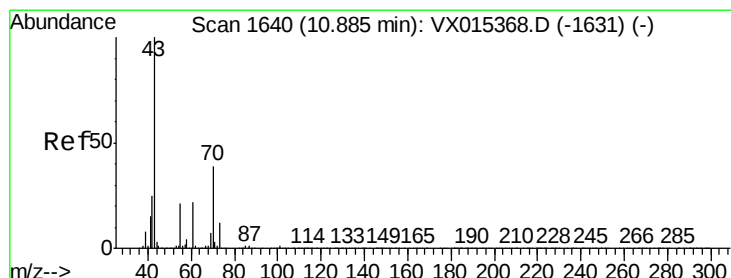
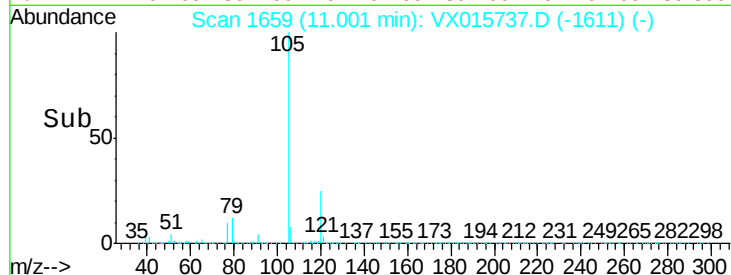
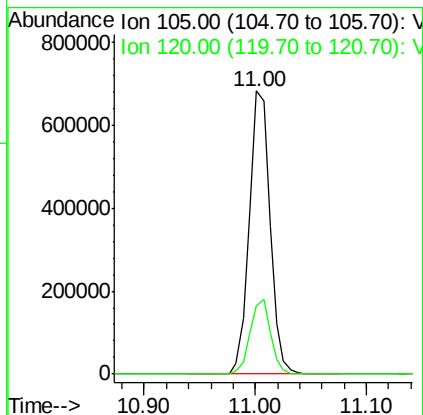
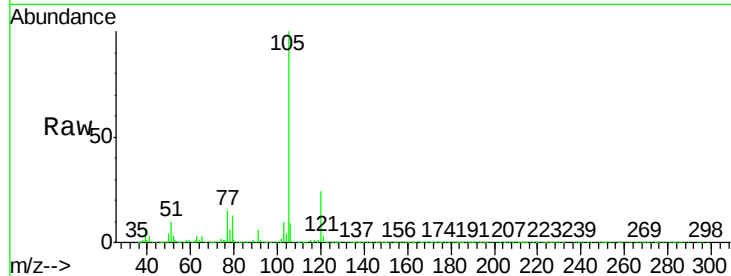
Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.894 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion: 43 Resp: 435334

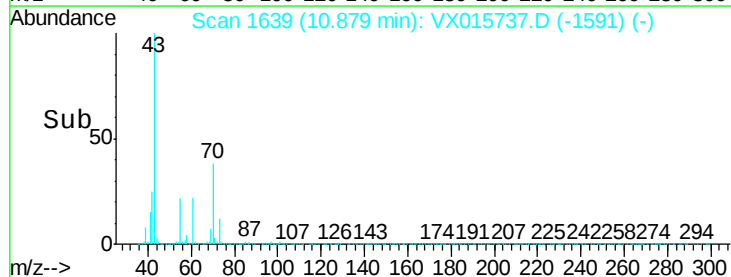
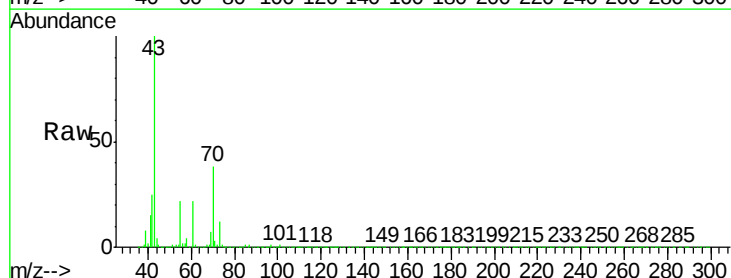
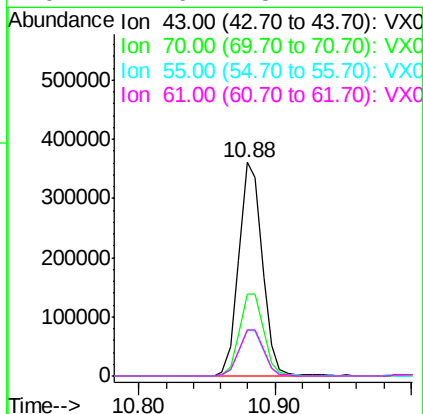
Ion Ratio Lower Upper

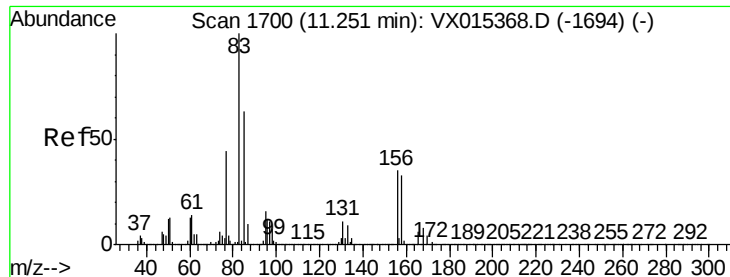
43 100

70 39.7 30.2 45.4

55 22.6 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.836 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

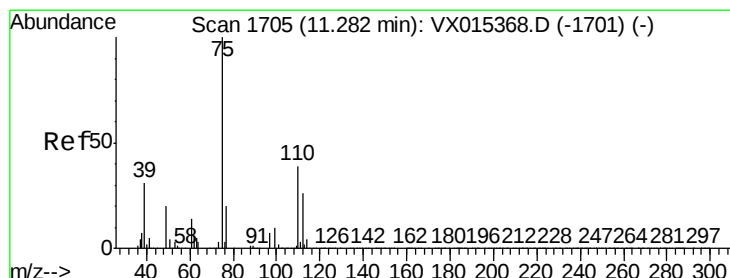
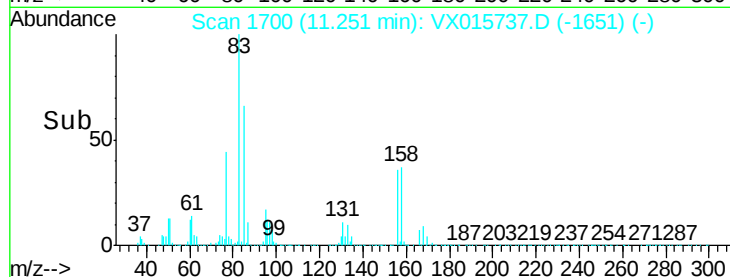
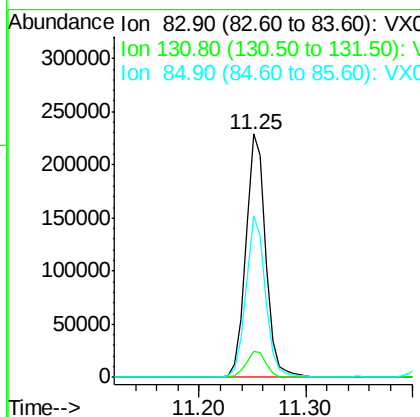
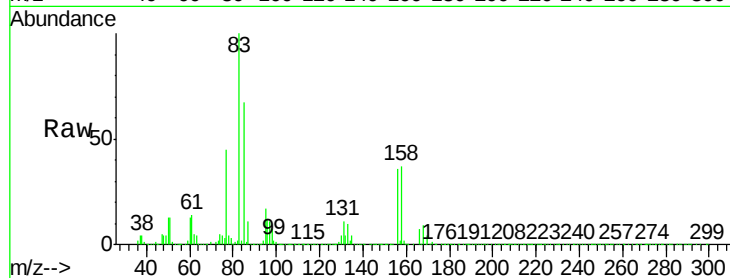
ClientSampleId :

VX0417WBS02

Tot Ion:	83	Resp:	299449
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	65.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.990 ug/l m

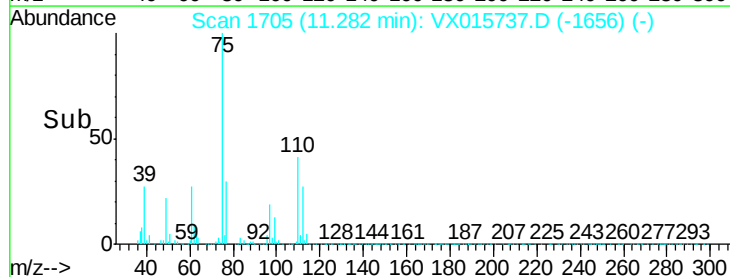
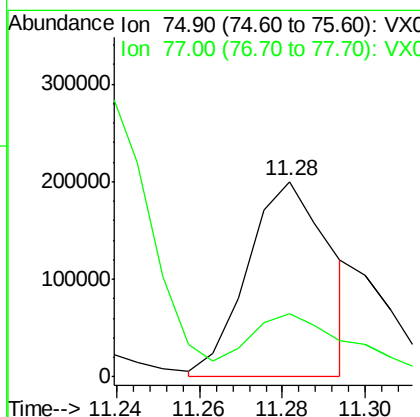
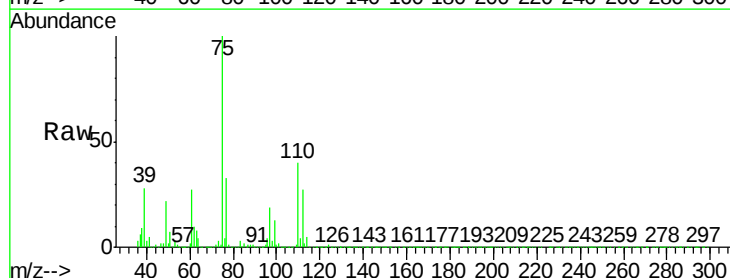
RT: 11.28 min Scan# 1705

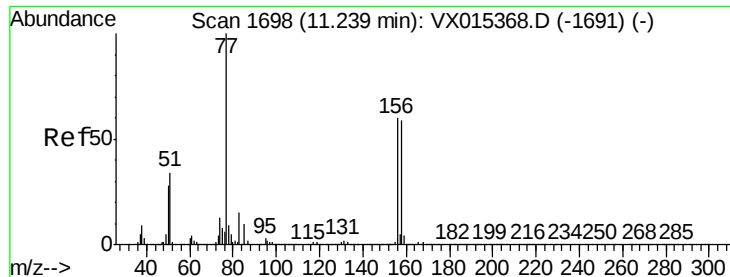
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	75	Resp:	276131
Ion Ratio	Lower	Upper	
75	100		
77	40.6	21.2	63.6





#77

Bromobenzene

Concen: 19.652 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

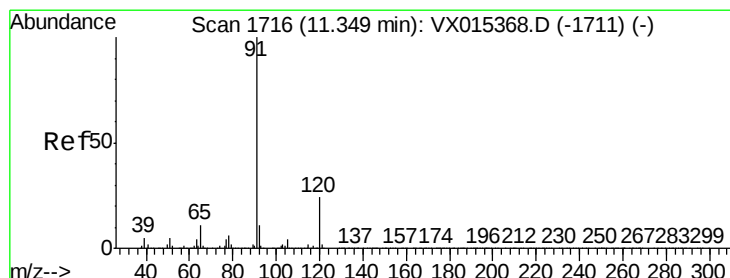
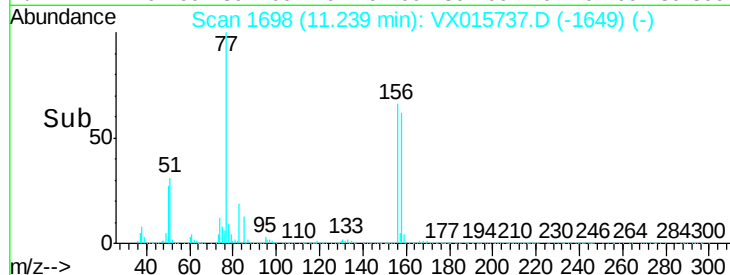
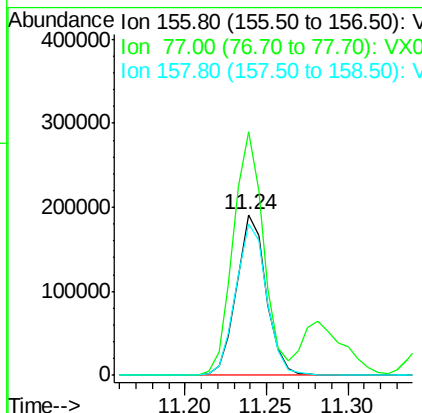
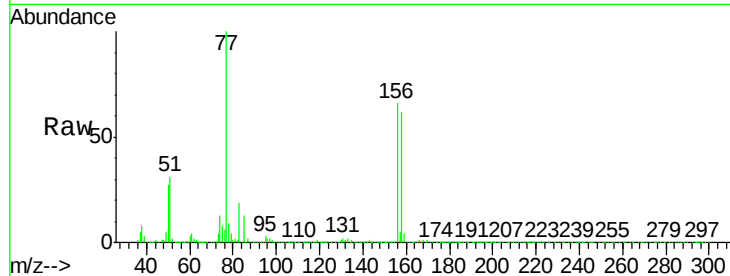
ClientSampleId :

VX0417WBS02

Tot Ion:	156	Resp:	242861
Ion Ratio	Lower	Upper	
156	100		
77	154.7	82.2	246.5
158	97.6	49.3	147.9

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#78

n-propylbenzene

Concen: 18.729 ug/l

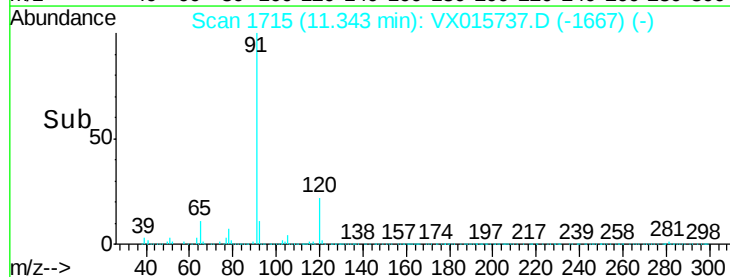
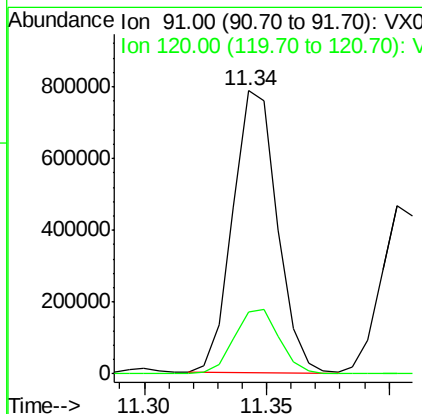
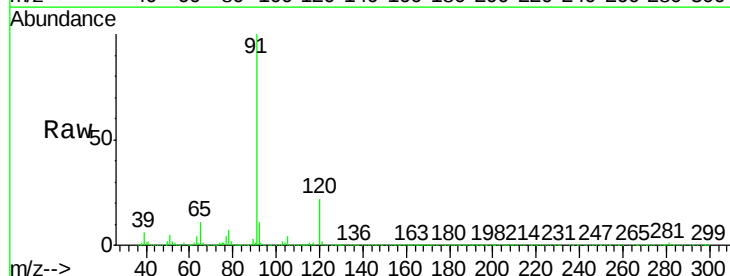
RT: 11.34 min Scan# 1715

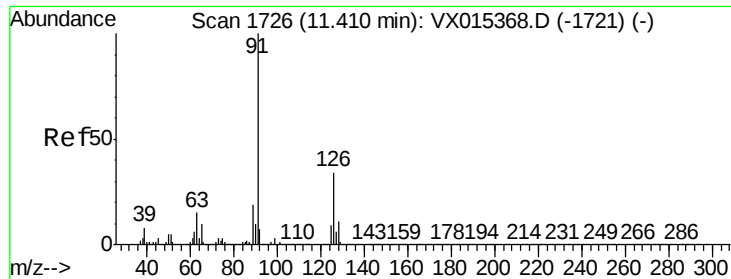
Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	91	Resp:	992213
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.528 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion: 91 Resp: 601631

Ion Ratio Lower Upper

91 100

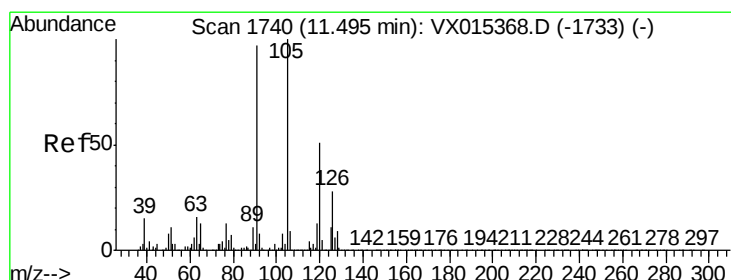
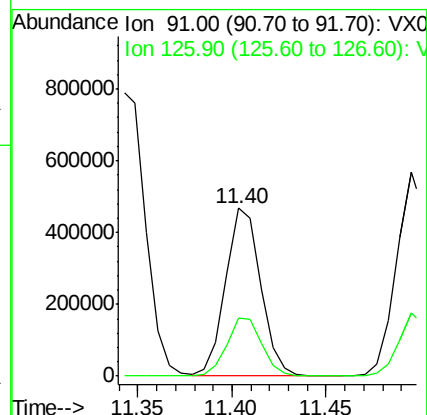
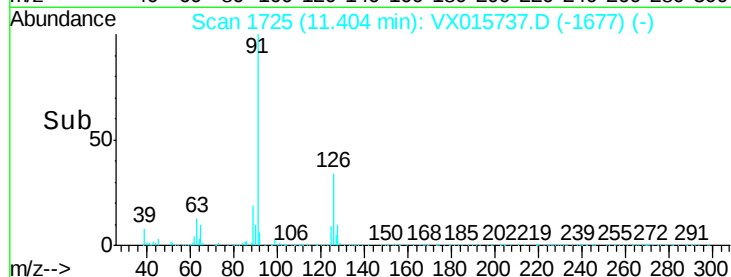
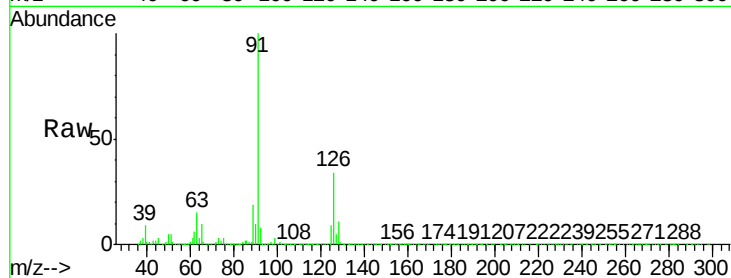
126 34.9 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 18.551 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015737.D

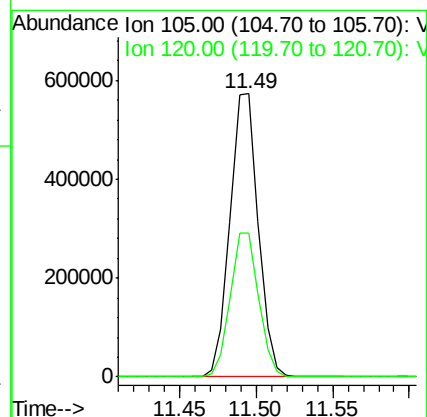
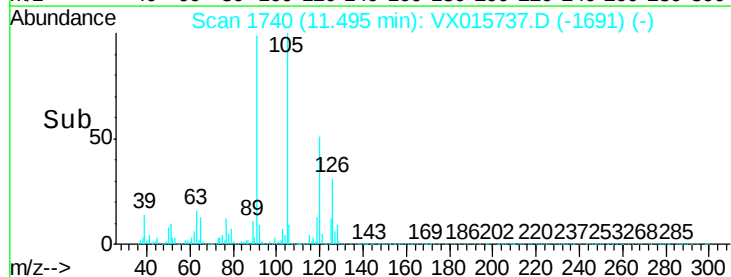
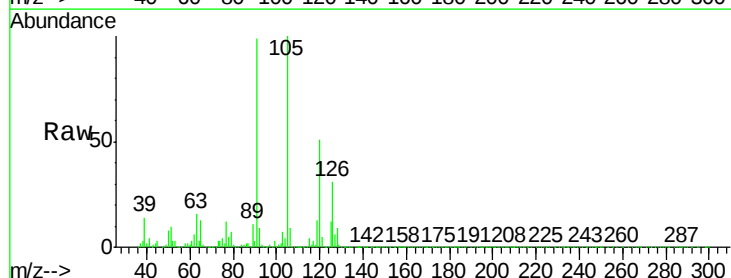
Acq: 17 Apr 2020 14:53

Tgt Ion: 105 Resp: 734032

Ion Ratio Lower Upper

105 100

120 51.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.948 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

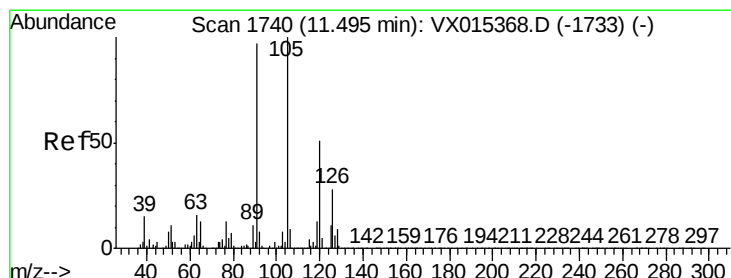
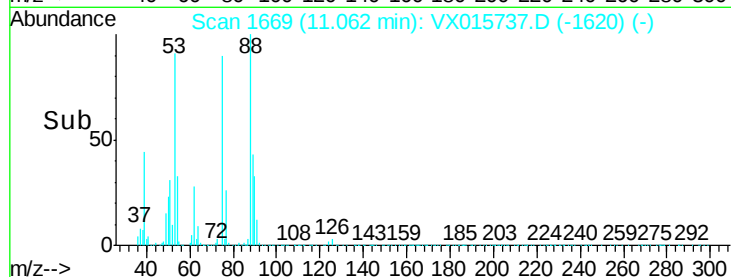
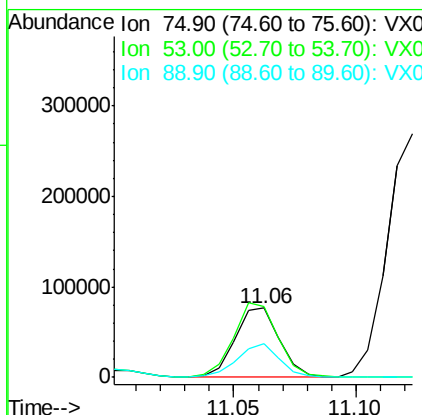
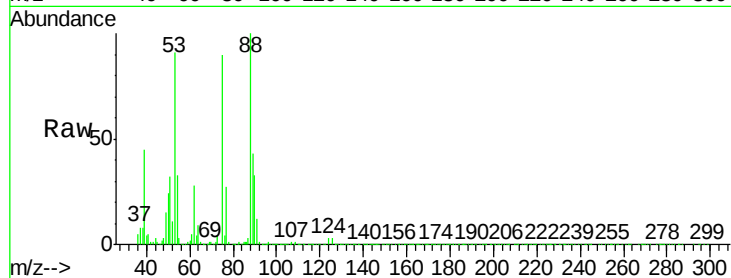
ClientSampleId :

VX0417WBS02

Tot Ion:	75	Resp:	96648
Ion Ratio	Lower	Upper	
75	100		
53	105.2	80.1	120.1
89	47.4	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.665 ug/l

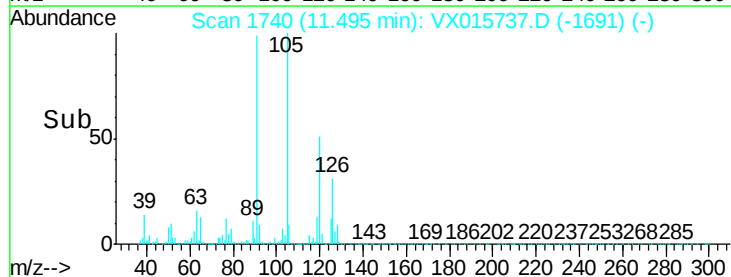
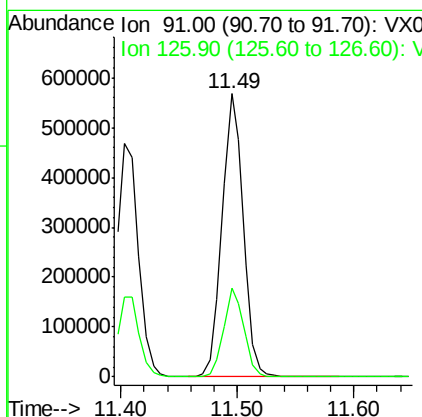
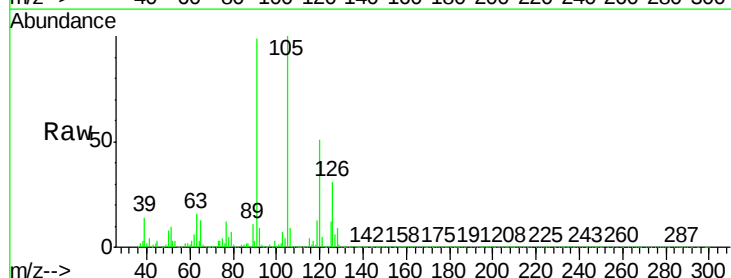
RT: 11.49 min Scan# 1740

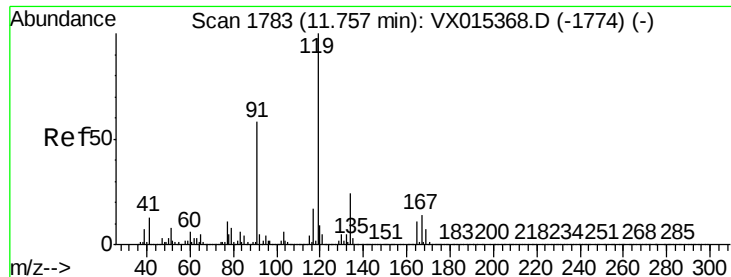
Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	91	Resp:	710504
Ion Ratio	Lower	Upper	
91	100		
126	29.9	14.7	44.1





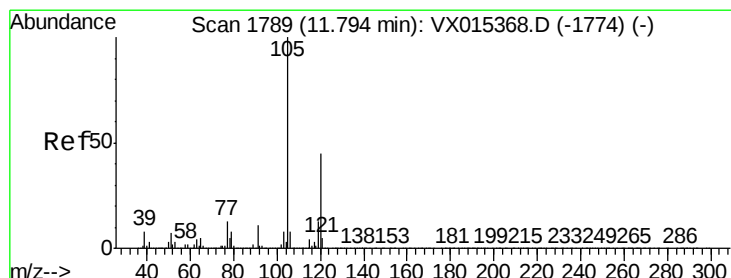
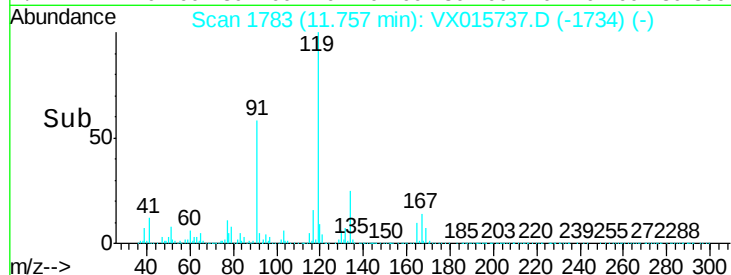
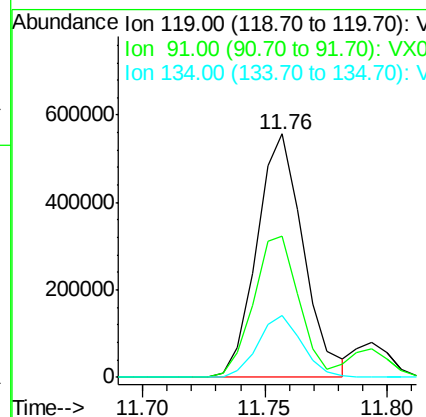
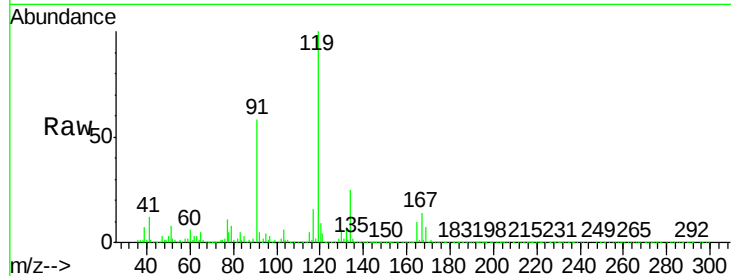
#83
tert-Butylbenzene
Concen: 19.034 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	735656		
91	56.8	28.6	85.8	
134	24.4	11.8	35.3	

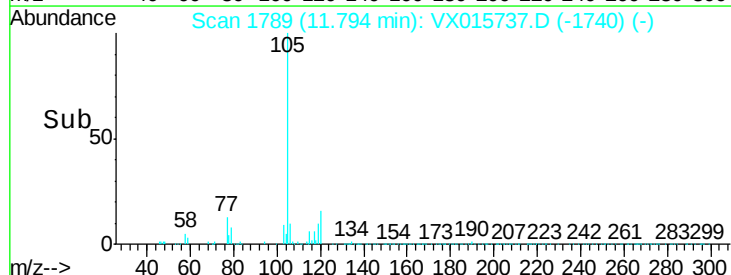
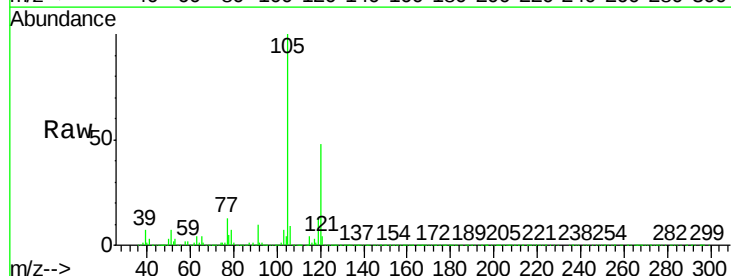
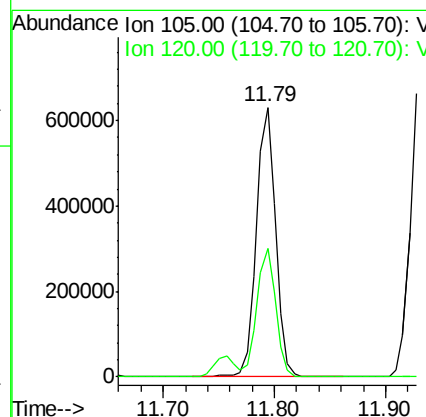
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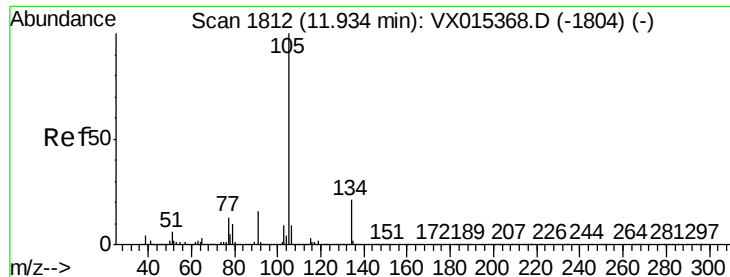
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#84
1,2,4-Trimethylbenzene
Concen: 18.789 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757603		
120	46.8	22.7	68.1	





#85

sec-Butylbenzene

Concen: 19.084 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBS02

Tot Ion:105 Resp: 853050

Ion Ratio Lower Upper

105 100

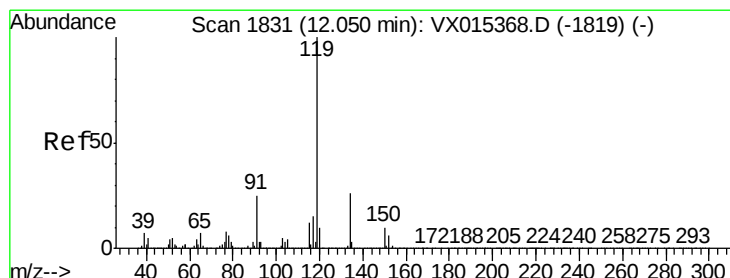
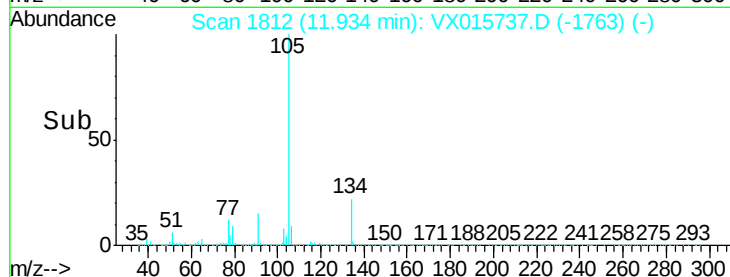
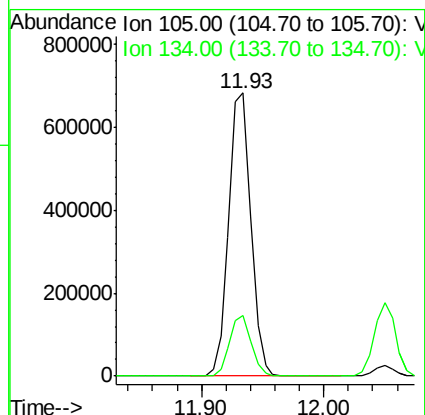
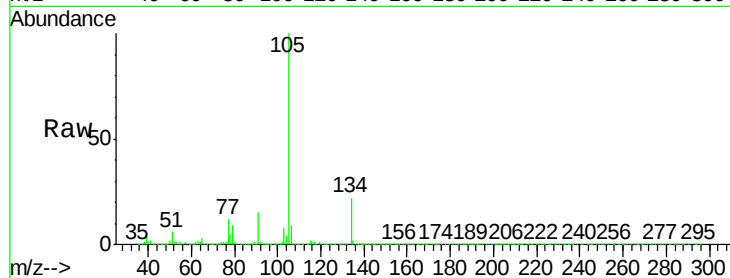
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.093 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

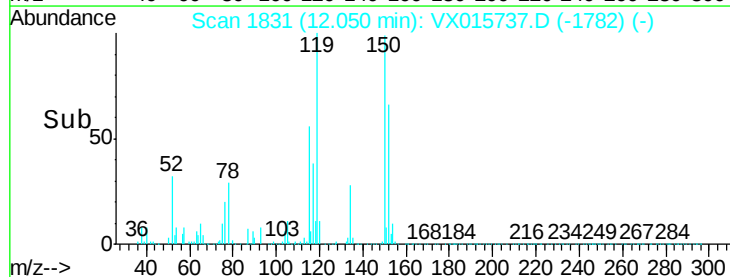
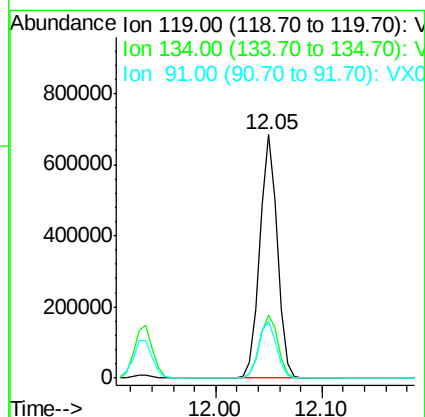
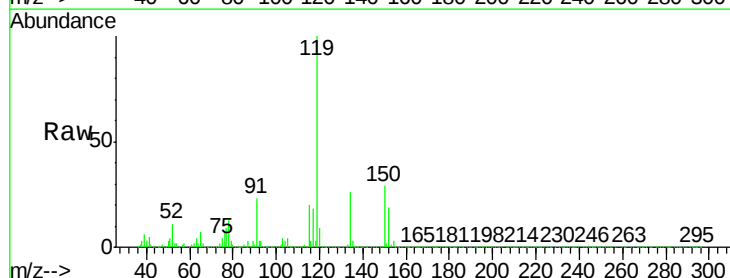
Tgt Ion:119 Resp: 792287

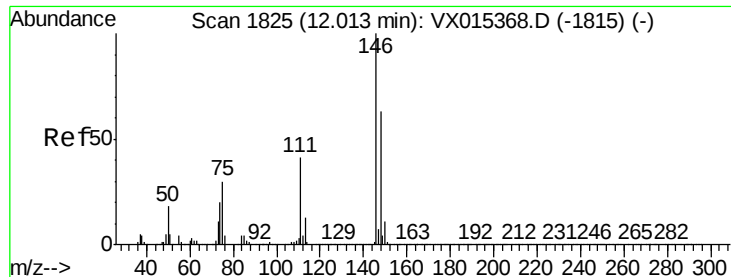
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 24.0 12.4 37.4





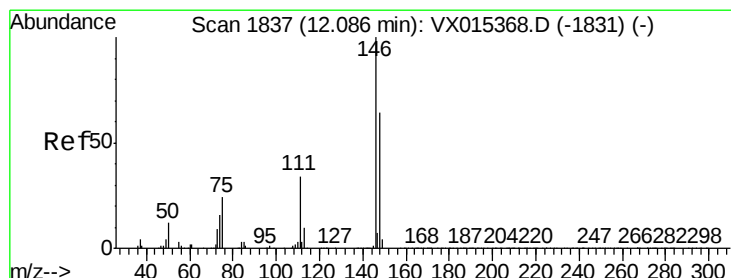
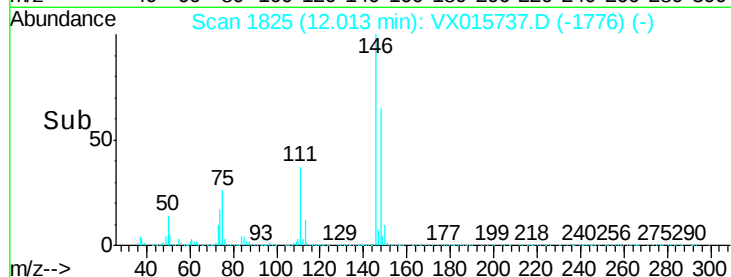
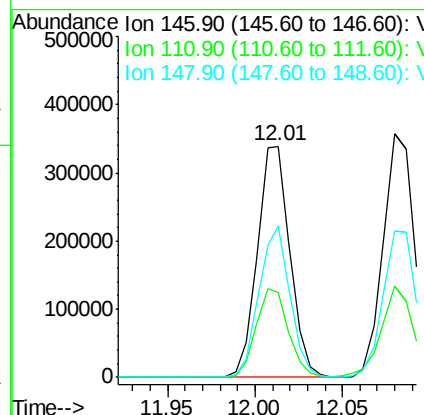
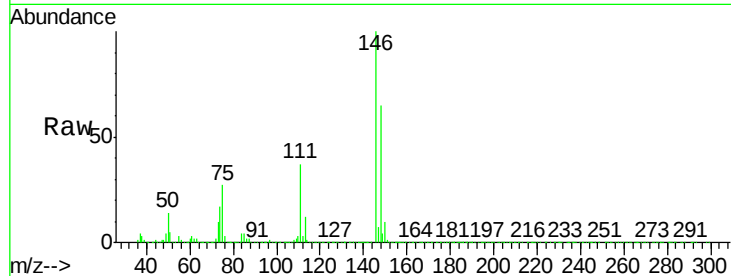
#87
 1,3-Dichlorobenzene
 Concen: 19.747 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	436870		
111	38.1	20.3	60.9	
148	62.4	31.3	93.9	

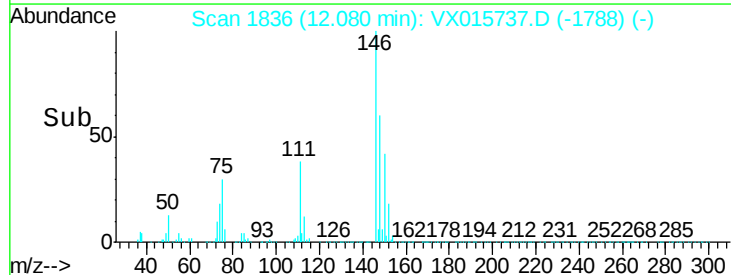
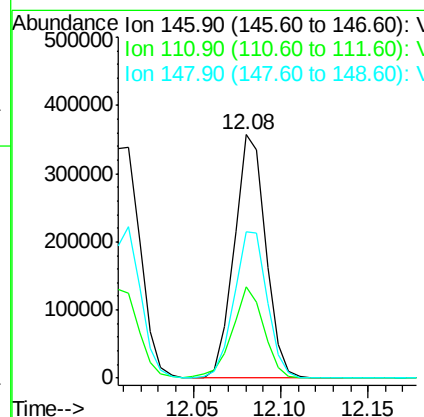
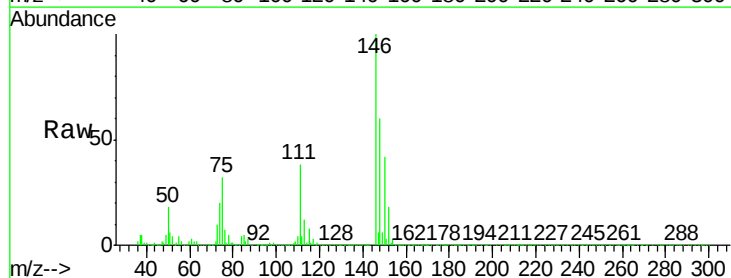
Manual Integrations
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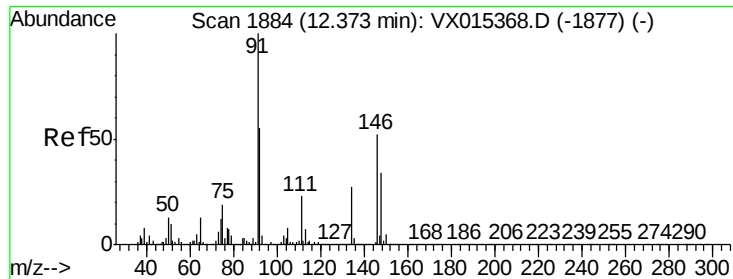
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#88
 1,4-Dichlorobenzene
 Concen: 19.753 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	445135		
111	37.9	19.1	57.5	
148	63.4	32.4	97.2	





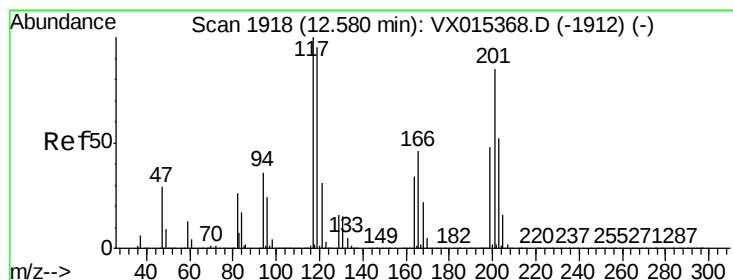
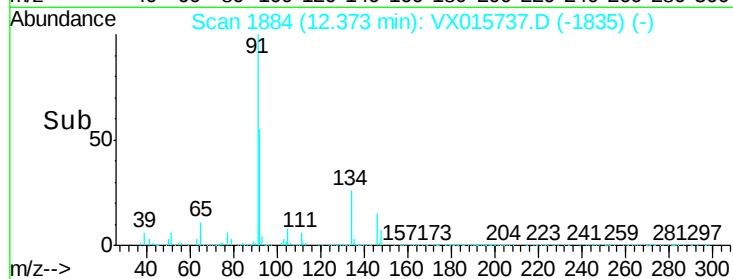
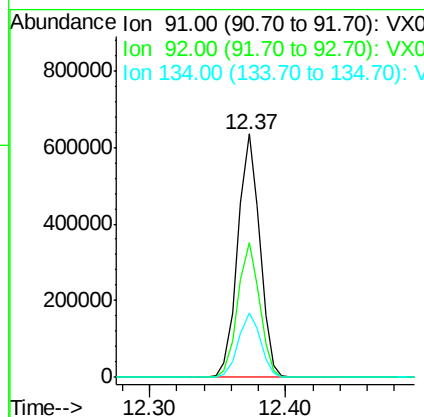
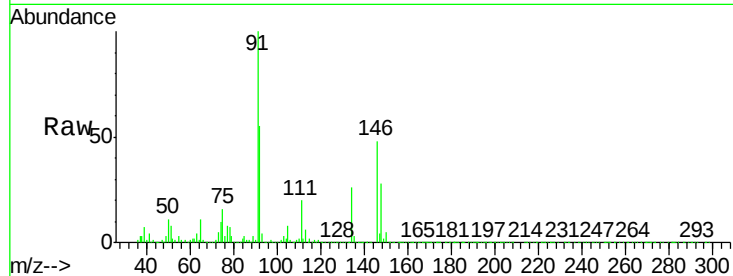
#89
n-Butylbenzene
Concen: 19.005 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.2	81.5
134	26.8	13.4	40.2

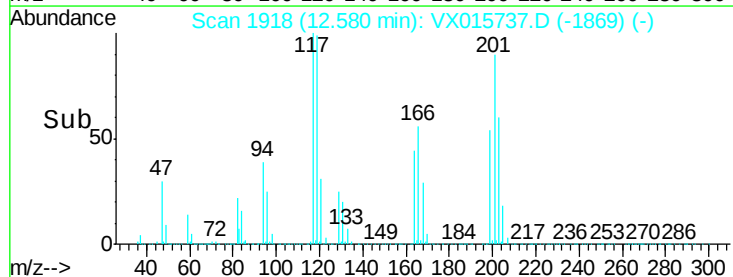
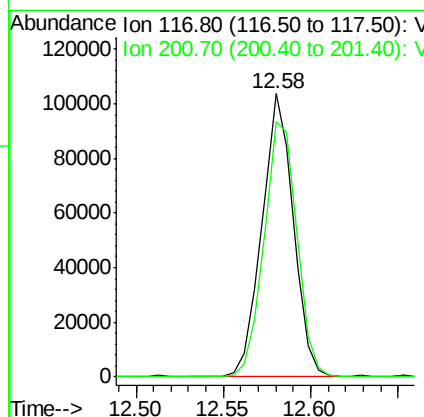
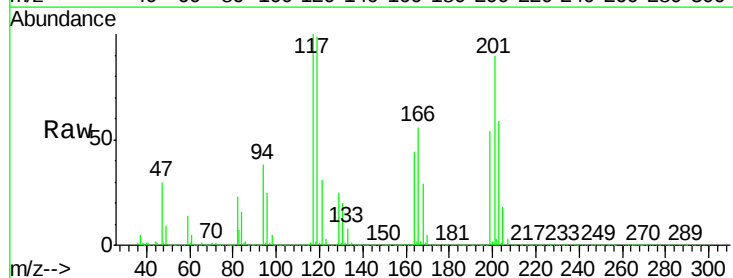
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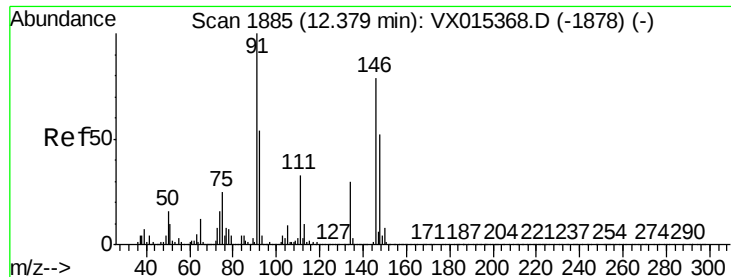
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#90
Hexachloroethane
Concen: 15.970 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015737.D
Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	42.6	128.0





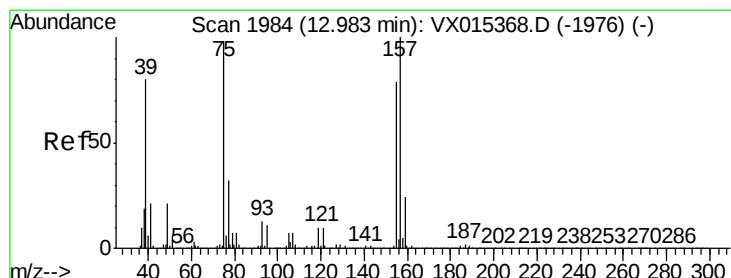
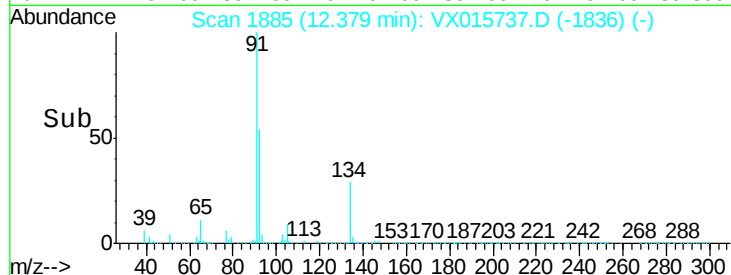
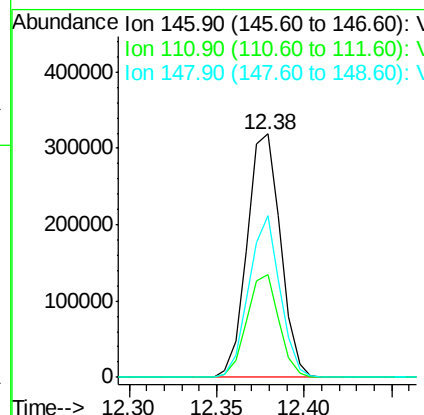
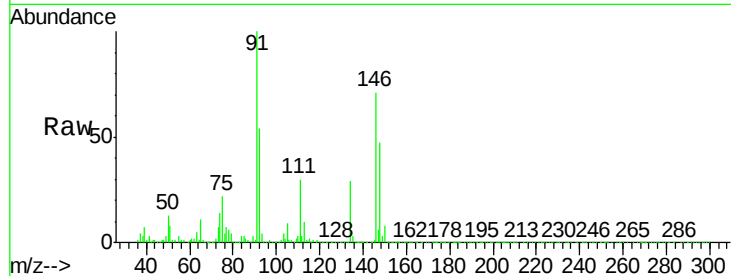
#91
 1,2-Dichlorobenzene
 Concen: 19.606 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.0	63.0
148	61.8	32.4	97.0

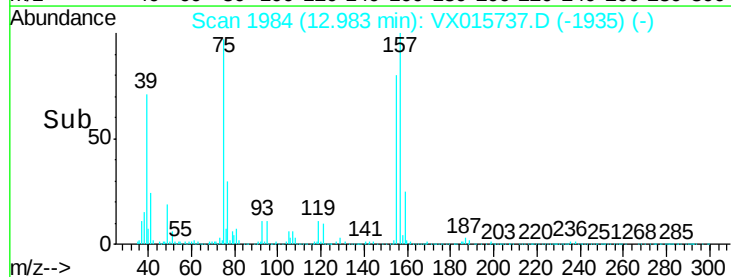
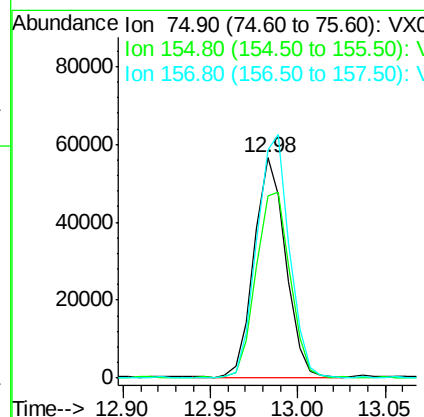
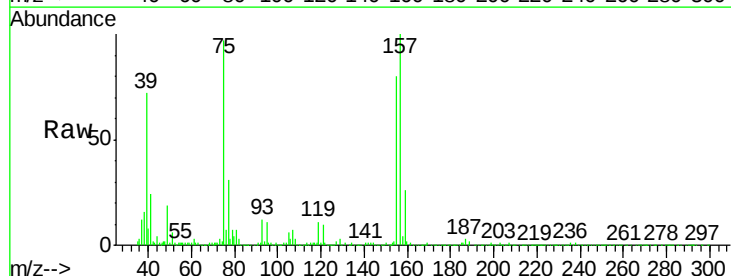
Manual Integrations
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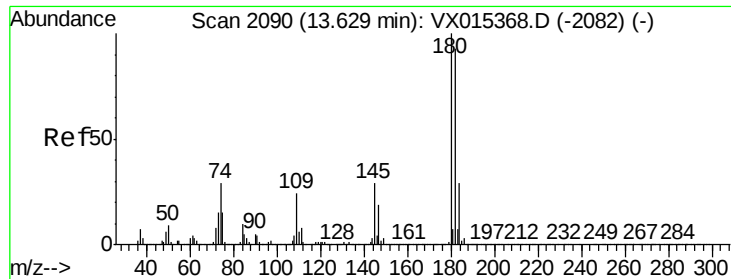
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.791 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	42.8	128.4
157	113.4	53.4	160.3





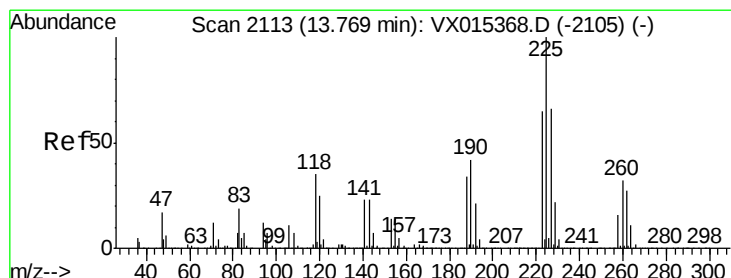
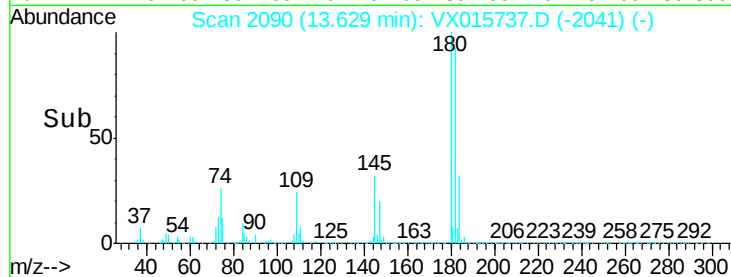
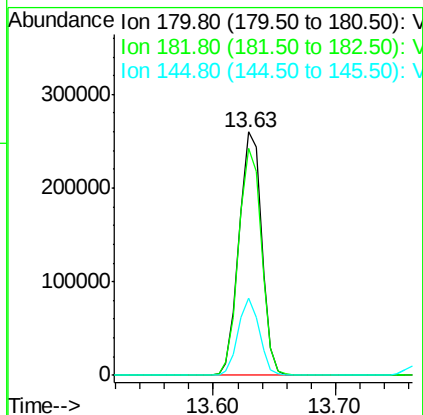
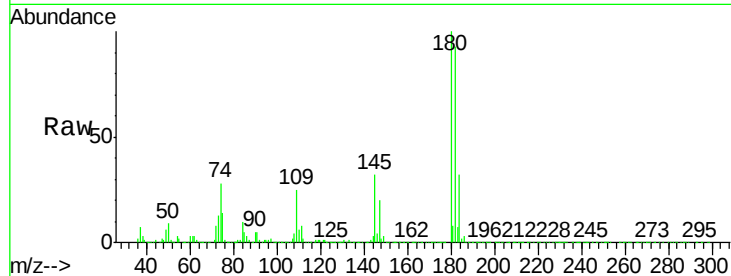
#93
 1,2,4-Trichlorobenzene
 Concen: 19.355 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	331472		
182	94.0	46.9	140.7	
145	29.7	14.9	44.5	

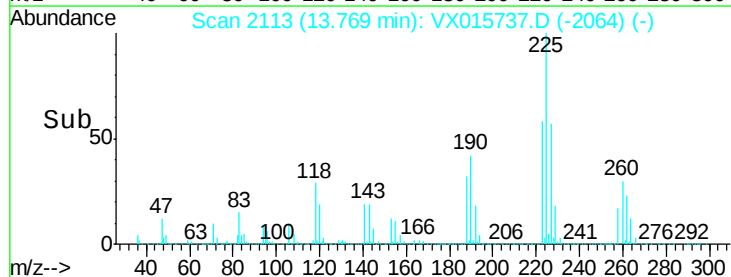
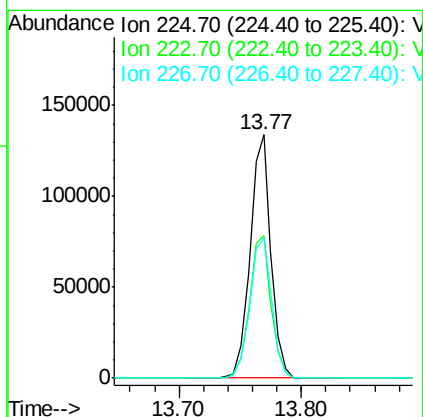
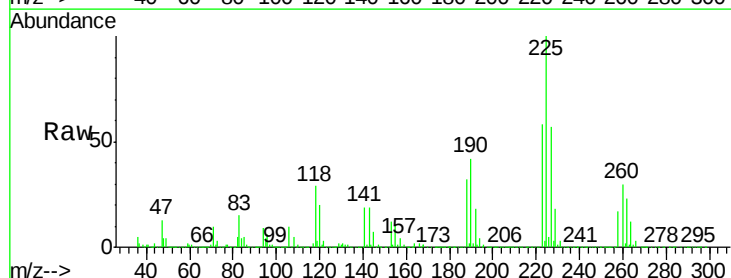
Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:06:26 AM



#94
 Hexachlorobutadiene
 Concen: 19.360 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015737.D
 Acq: 17 Apr 2020 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157854		
223	61.1	31.9	95.7	
227	61.0	30.4	91.3	





#95

Naphthalene

Concen: 19.092 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Instrument :

MSVOA_X

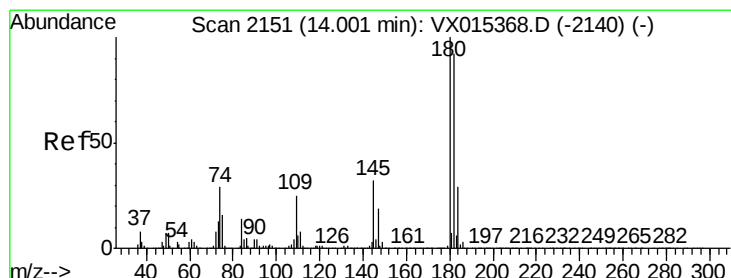
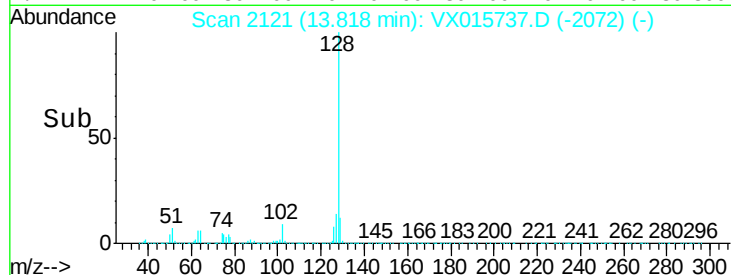
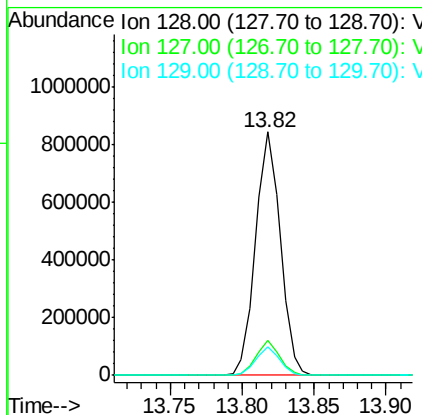
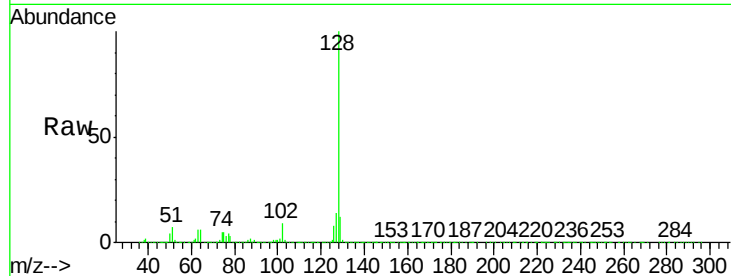
ClientSampleId :

VX0417WBS02

Tot Ion:	128	Resp:	997362
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:06:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.667 ug/l

RT: 14.00 min Scan# 2151

Delta R.T. -0.00 min

Lab File: VX015737.D

Acq: 17 Apr 2020 14:53

Tgt Ion:	180	Resp:	324274
Ion Ratio	Lower	Upper	
180	100		
182	97.2	46.7	140.0
145	30.8	15.8	47.3

