

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015400.D
 Acq On : 27 Mar 2020 23:46
 Operator : JC/SP
 Sample : VX0327WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Manual Integrations
 APPROVED

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 3/30/2020 3:00:12 PM

Quant Time: Mar 30 04:52:45 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	5.64	168	1077628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1772989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1617182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	825213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	728676	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.47	113	529351	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.70	98	1962814	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.12	95	791037	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	204218	21.510	ug/l	99
3) Chloromethane	1.31	50	225914	18.685	ug/l	99
4) Vinyl Chloride	1.39	62	220317	19.845	ug/l	99
5) Bromomethane	1.63	94	142714	23.620	ug/l	97
6) Chloroethane	1.71	64	136320	19.798	ug/l	100
7) Trichlorofluoromethane	1.92	101	314779	21.142	ug/l	98
8) Diethyl Ether	2.17	74	117877	18.771	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205253	21.147	ug/l	98
10) Methyl Iodide	2.49	142	176203	13.465	ug/l	100
11) Tert butyl alcohol	3.01	59	363419	99.898	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211112	20.750	ug/l	95
13) Acrolein	2.27	56	185784	89.650	ug/l	99
14) Allyl chloride	2.71	41	478210	20.116	ug/l	99
15) Acrylonitrile	3.11	53	697584	100.549	ug/l	99
16) Acetone	2.42	43	655055	100.319	ug/l	98
17) Carbon Disulfide	2.55	76	635452	20.474	ug/l	99
18) Methyl Acetate	2.75	43	332895	19.975	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	796980	20.198	ug/l	99
20) Methylene Chloride	2.84	84	240593	19.726	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	229945	20.365	ug/l	99
22) Diisopropyl ether	3.83	45	878043	20.844	ug/l	99
23) Vinyl Acetate	3.78	43	3976569	104.264	ug/l	98
24) 1,1-Dichloroethane	3.67	63	444621	20.047	ug/l	99
25) 2-Butanone	4.64	43	1042486	99.273	ug/l	98
26) 2,2-Dichloropropane	4.56	77	324639	17.832	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	265055	20.290	ug/l	99
28) Bromochloromethane	4.98	49	220479	20.821	ug/l	99
29) Tetrahydrofuran	5.09	42	671155	99.417	ug/l	100
30) Chloroform	5.18	83	429319	20.120	ug/l	98
31) Cyclohexane	5.55	56	409581	21.288	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	397116	20.564	ug/l	99
36) 1,1-Dichloropropene	5.78	75	328301	20.097	ug/l	99
37) Ethyl Acetate	4.80	43	415253	19.522	ug/l	99
38) Carbon Tetrachloride	5.76	117	349671	19.762	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	379489	20.147	ug/l	97
40) Benzene	6.12	78	946408	19.777	ug/l	100
41) Methacrylonitrile	5.00	41	234823	19.887	ug/l	99
42) 1,2-Dichloroethane	6.17	62	376132	19.568	ug/l	99
43) Isopropyl Acetate	6.42	43	697127	19.415	ug/l	99
44) Trichloroethene	7.19	130	254396	19.493	ug/l	98
45) 1,2-Dichloropropane	7.50	63	256717	19.611	ug/l	100
46) Dibromomethane	7.64	93	164645	19.173	ug/l	98
47) Bromodichloromethane	7.88	83	356529	19.485	ug/l	97
48) Methyl methacrylate	7.75	41	345601	19.269	ug/l	100
49) 1,4-Dioxane	7.72	88	130542	390.164	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2029227	99.719	ug/l	99
52) Toluene	8.77	92	587572	19.916	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	400489	18.662	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	417563	19.102	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	234656	19.413	ug/l	98
56) Ethyl methacrylate	9.16	69	408742	19.188	ug/l	99
57) 1,3-Dichloropropane	9.36	76	418547	19.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	975040	94.101	ug/l	98
59) 2-Hexanone	9.48	43	1549630	100.865	ug/l	98
60) Dibromochloromethane	9.57	129	281062	19.351	ug/l	100
61) 1,2-Dibromoethane	9.65	107	257254	19.573	ug/l	98
64) Tetrachloroethene	9.32	164	234275	19.196	ug/l	95
65) Chlorobenzene	10.12	112	622945	19.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	246953	19.166	ug/l	98
67) Ethyl Benzene	10.24	91	1149939	20.104	ug/l	99
68) m/p-Xylenes	10.34	106	843246	39.589	ug/l	98
69) o-Xylene	10.68	106	407387	19.355	ug/l	95
70) Styrene	10.70	104	722753	19.514	ug/l	100
71) Bromoform	10.84	173	216070	18.421	ug/l #	97
73) Isopropylbenzene	11.00	105	1111987	20.566	ug/l	100
74) N-amyl acetate	10.88	43	585403	19.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	365535	19.702	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	339411m	20.001	ug/l	
77) Bromobenzene	11.24	156	280872	19.475	ug/l	97
78) n-propylbenzene	11.35	91	1279562	20.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	763679	20.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	961204	20.816	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	129312	18.284	ug/l	99
82) 4-Chlorotoluene	11.50	91	911801	20.524	ug/l	99
83) tert-Butylbenzene	11.76	119	927834	20.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	951306	20.216	ug/l	99
85) sec-Butylbenzene	11.93	105	1067773	20.469	ug/l	99
86) p-Isopropyltoluene	12.05	119	977783	20.190	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	510901	19.788	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	500772	19.041	ug/l	97
89) n-Butylbenzene	12.37	91	889330	20.321	ug/l	99
90) Hexachloroethane	12.58	117	189108	20.063	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	499144	19.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94272	18.003	ug/l	97

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ClientSampleId :
VX0327WBS02

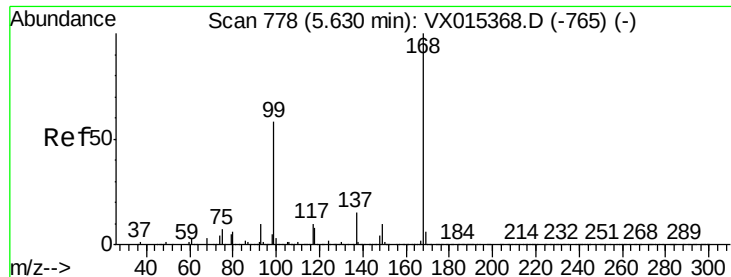
Manual Integrations
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3/30/2020 3:00:12 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	375872	18.806	ug/l	100
94) Hexachlorobutadiene	13.77	225	174126	18.299	ug/l	96
95) Naphthalene	13.82	128	1235599	20.267	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	378794	19.685	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion:168 Resp: 1077628

Ion Ratio Lower Upper

168 100

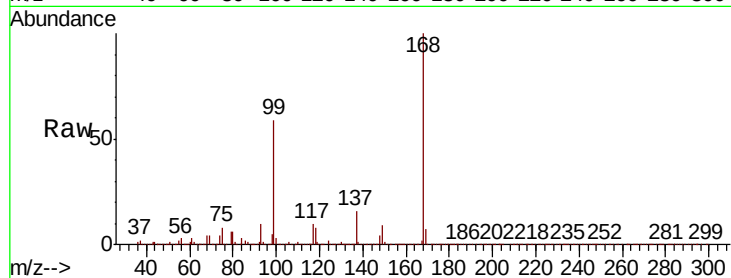
99 58.5 46.4 69.6

Manual Integrations

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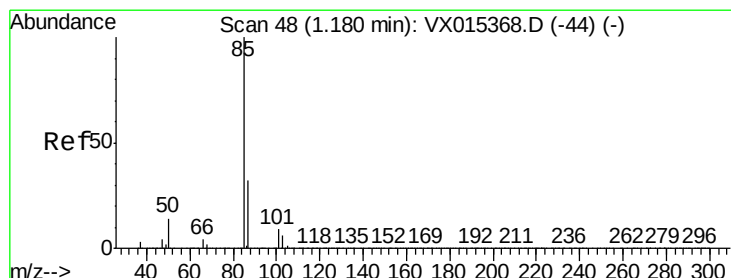
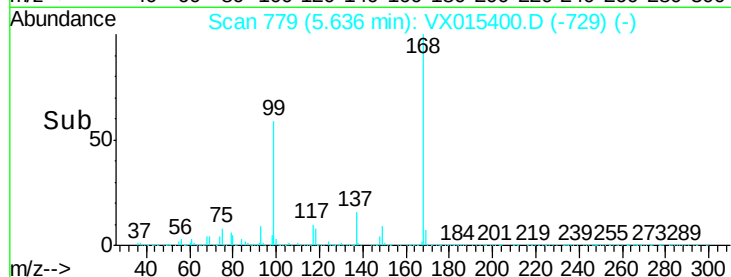
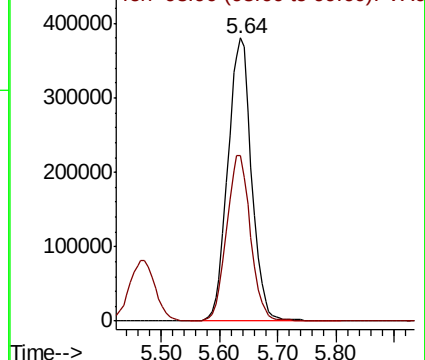
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.510 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015400.D

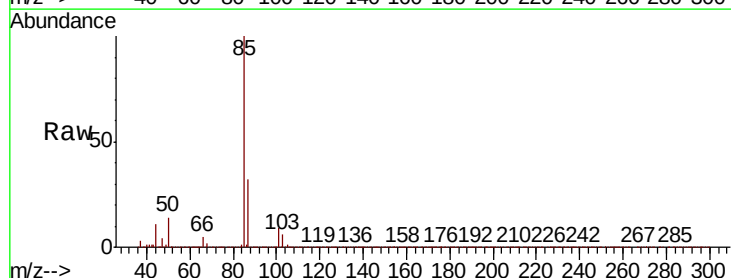
Acq: 27 Mar 2020 23:46

Tgt Ion: 85 Resp: 204218

Ion Ratio Lower Upper

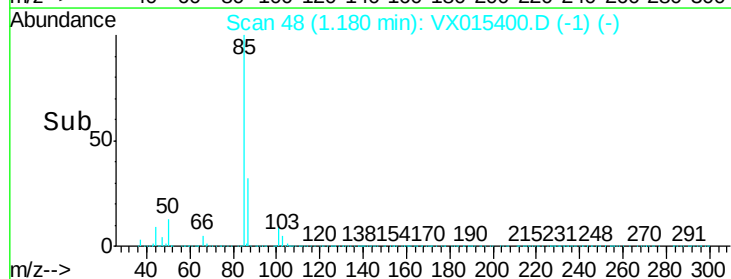
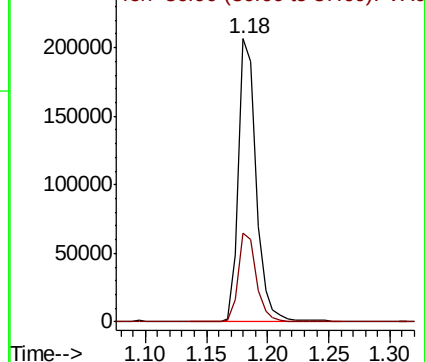
85 100

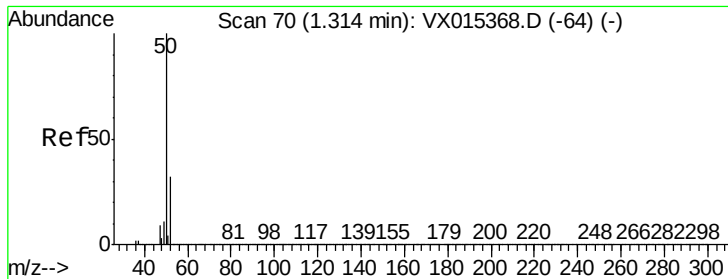
87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





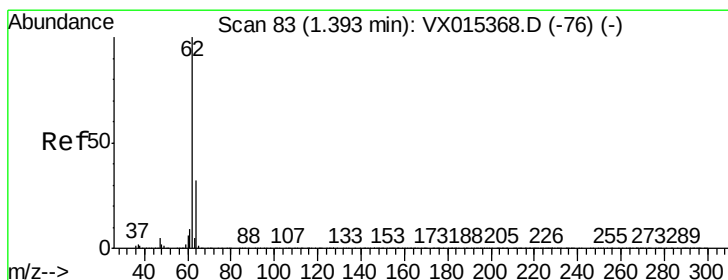
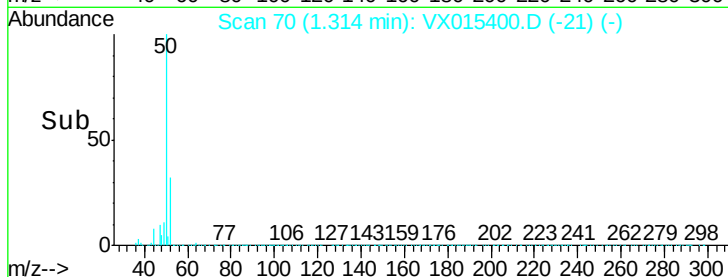
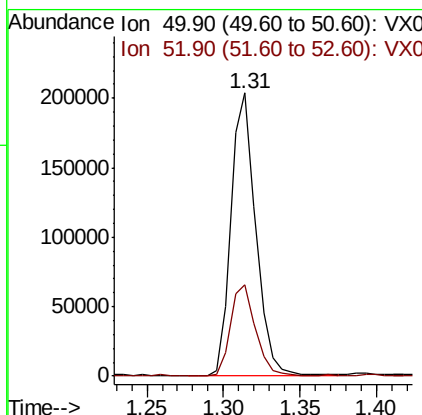
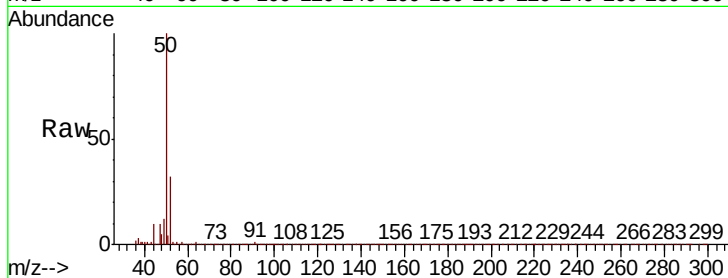
#3
Chloromethane
Concen: 18.685 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.3	37.9

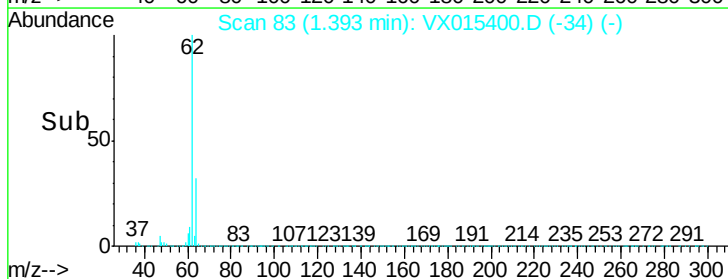
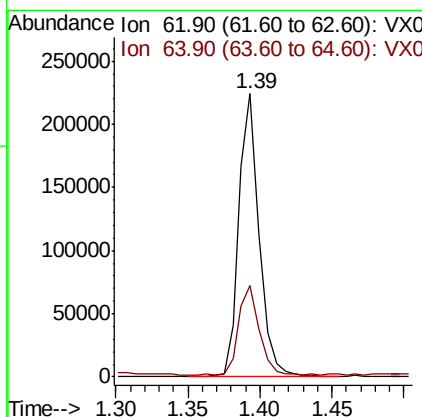
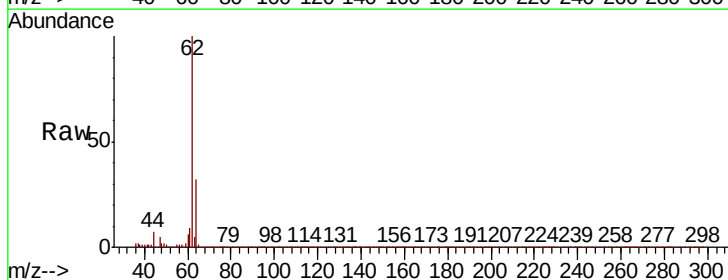
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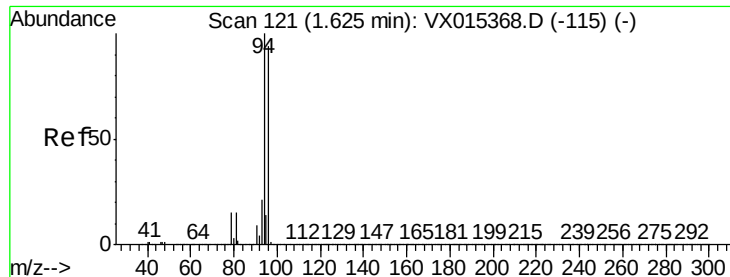
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#4
Vinyl Chloride
Concen: 19.845 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0





#5

Bromomethane

Concen: 23.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion: 94 Resp: 142714

Ion Ratio Lower Upper

94 100

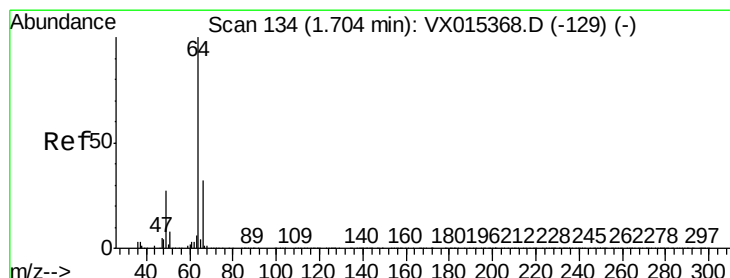
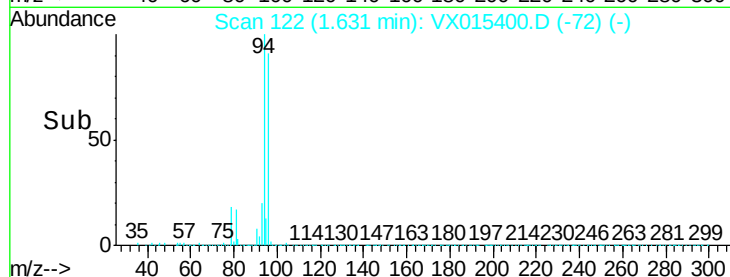
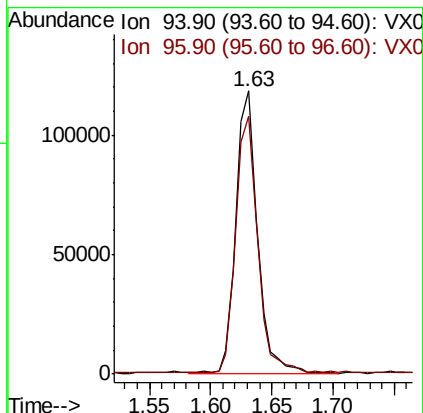
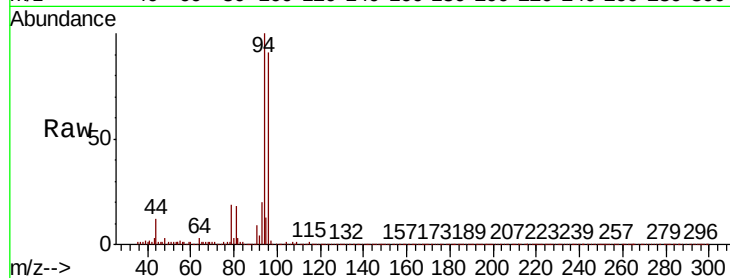
96 90.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.798 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015400.D

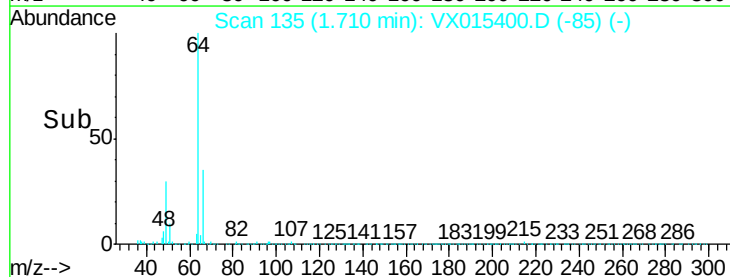
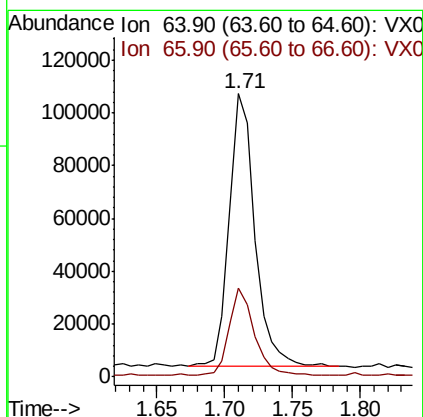
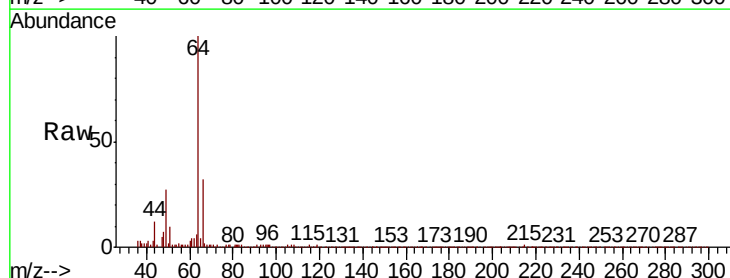
Acq: 27 Mar 2020 23:46

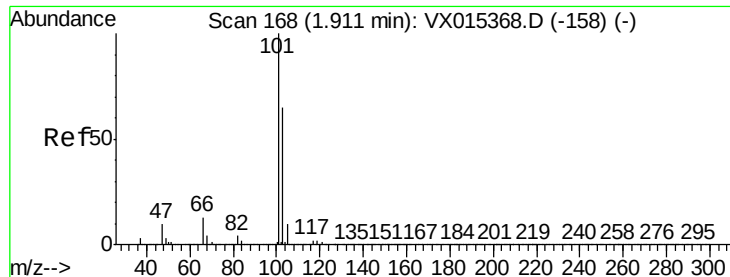
Tgt Ion: 64 Resp: 136320

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2





#7

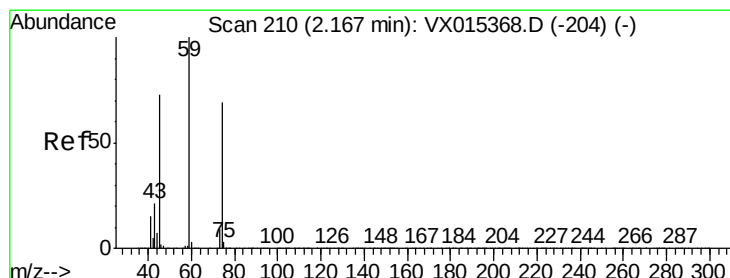
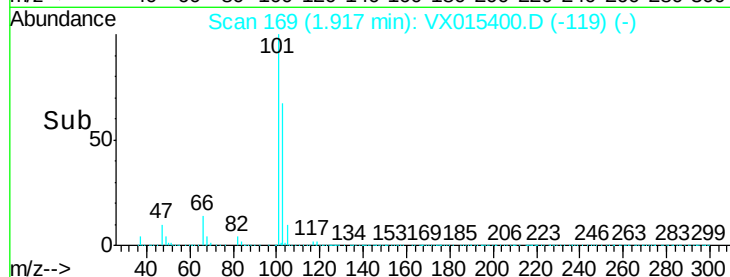
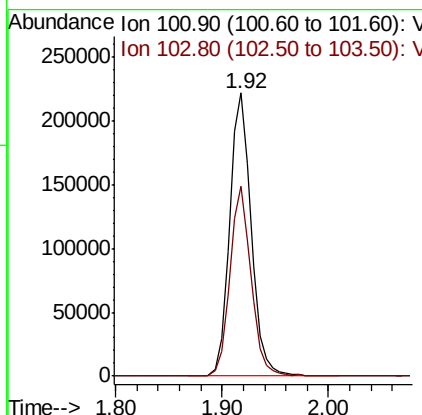
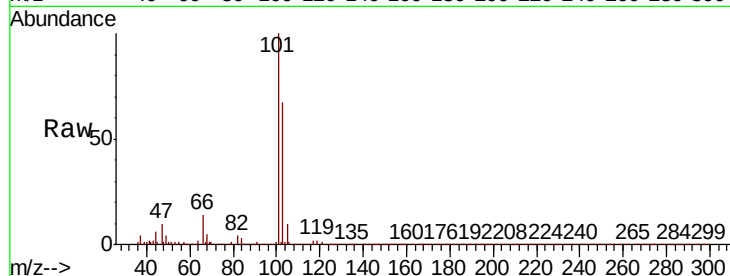
Trichlorofluoromethane
Concen: 21.142 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	52.3	78.5

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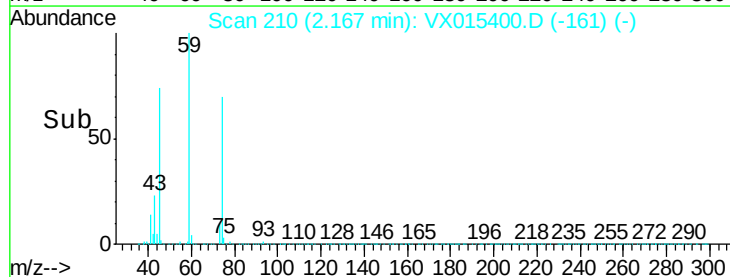
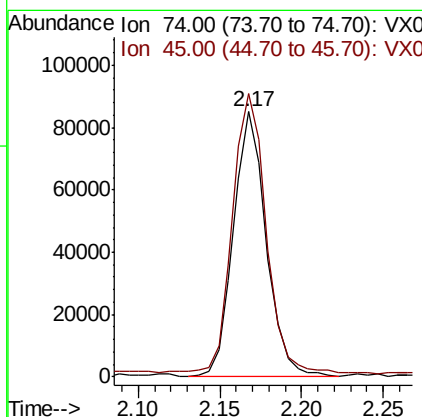
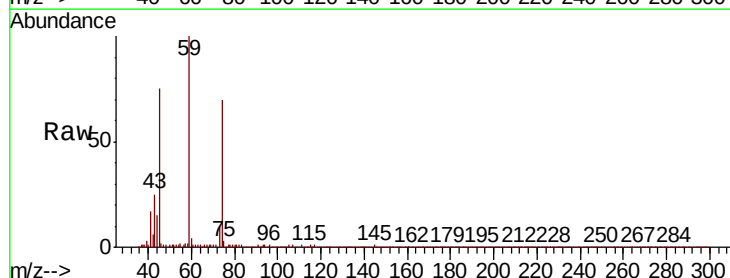
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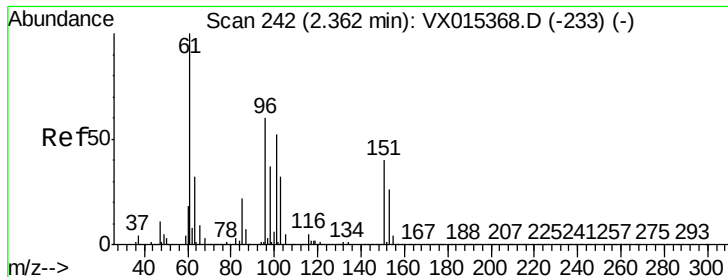


#8

Diethyl Ether
Concen: 18.771 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.147 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

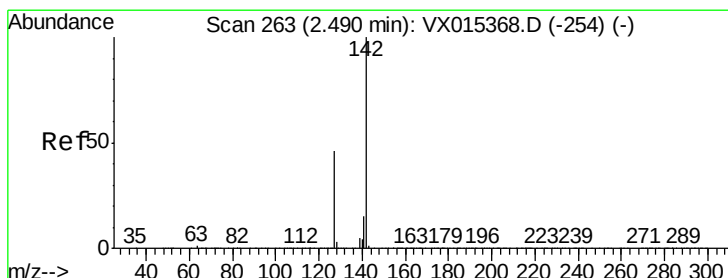
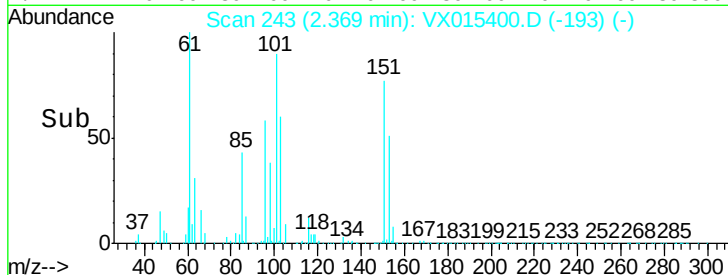
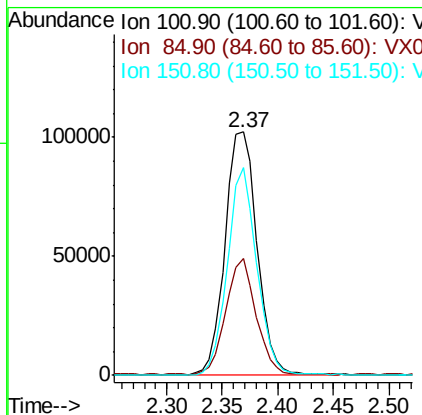
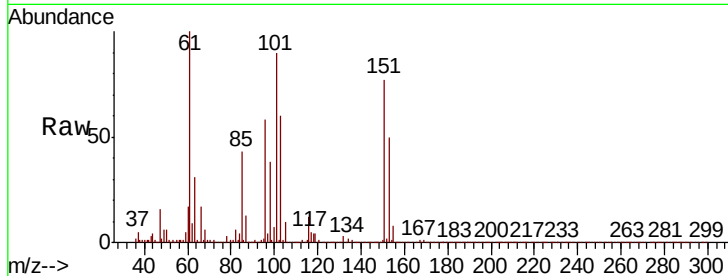
ClientSampleId :

VX0327WBS02

Tot Ion:	101	Resp:	205253
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.4
151	78.3	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 13.465 ug/l

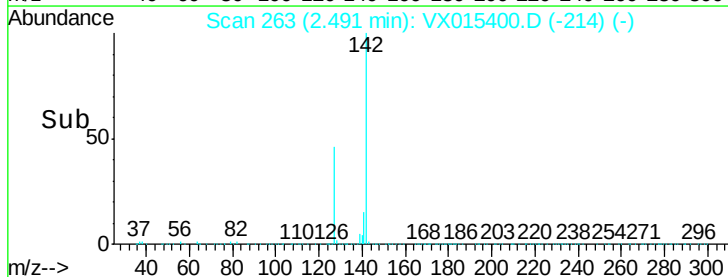
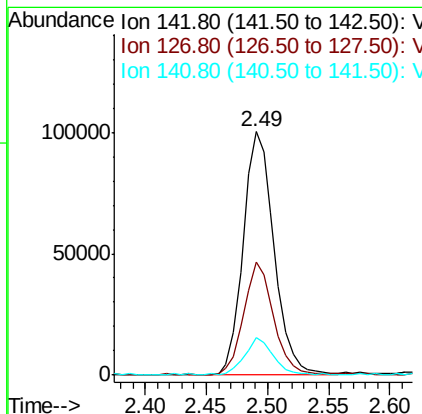
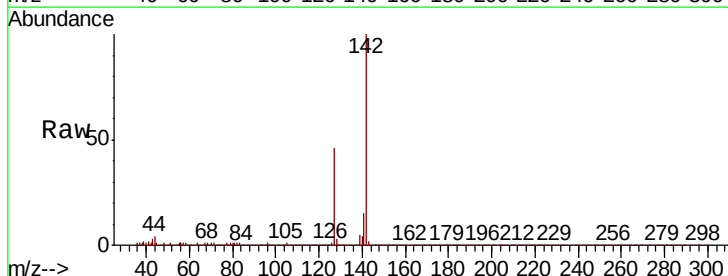
RT: 2.49 min Scan# 263

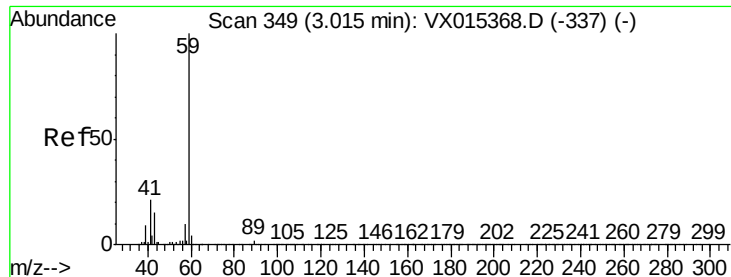
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	142	Resp:	176203
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.9	53.9
141	14.3	11.6	17.4





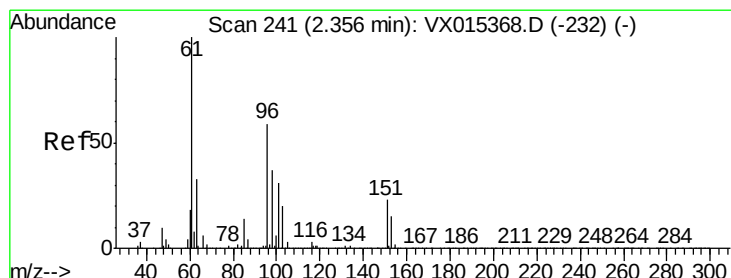
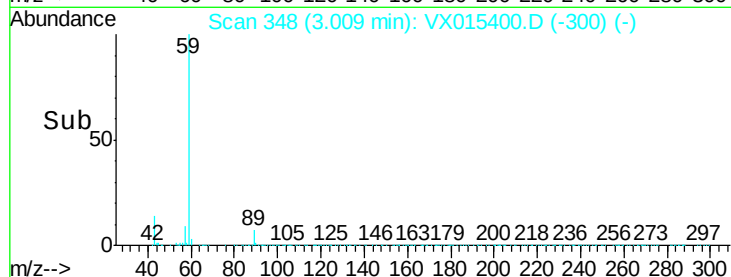
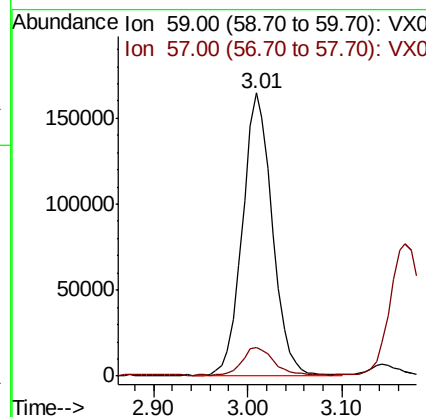
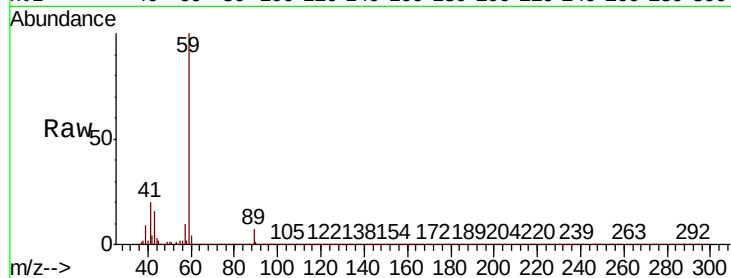
#11
Tert butyl alcohol
Concen: 99.898 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

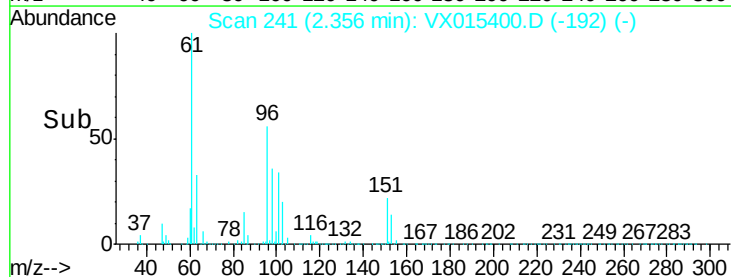
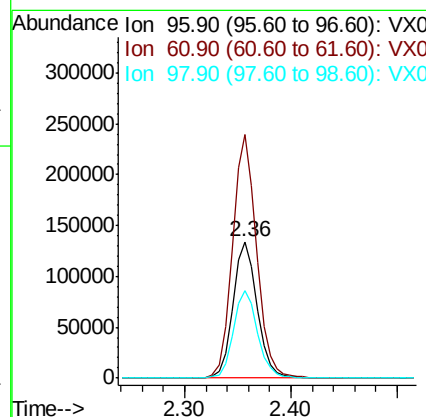
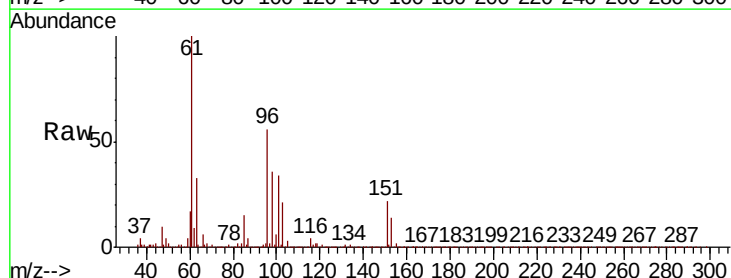
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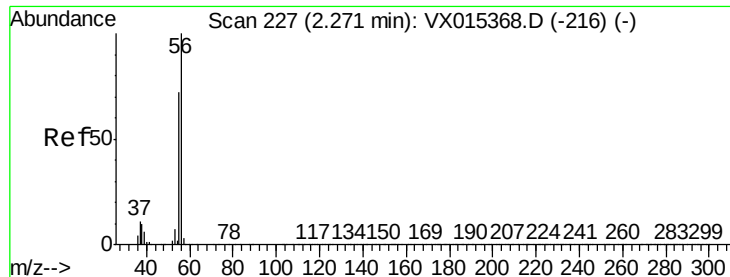
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#12
1,1-Dichloroethene
Concen: 20.750 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.6	135.7	203.5
98	63.7	50.6	75.8





#13

Acrolein

Concen: 89.650 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion: 56 Resp: 185784

Ion Ratio Lower Upper

56 100

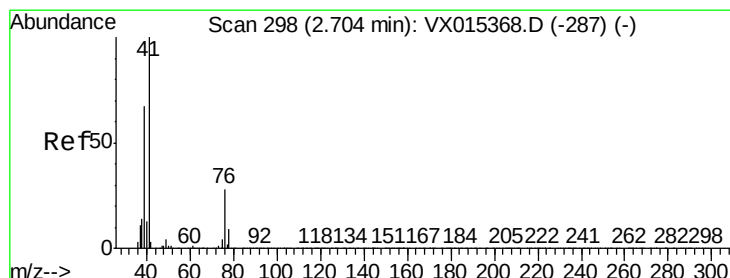
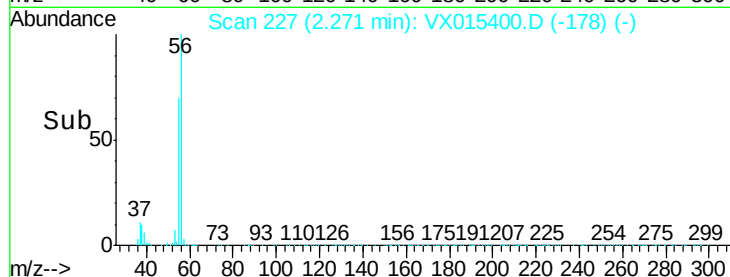
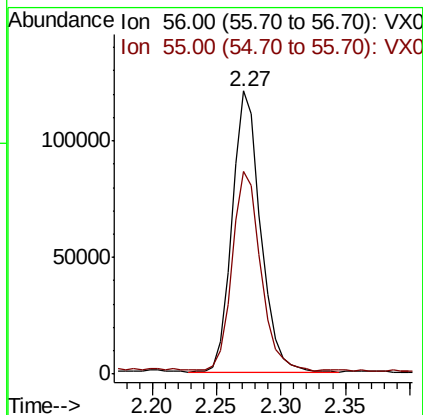
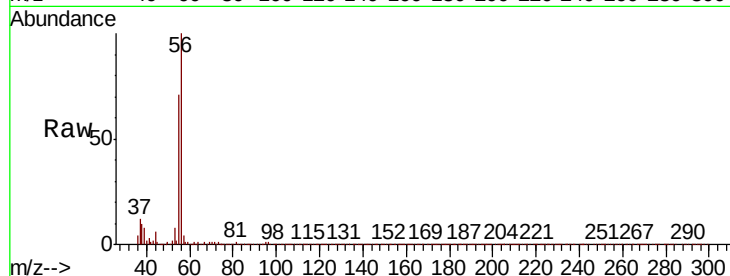
55 70.0 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.116 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

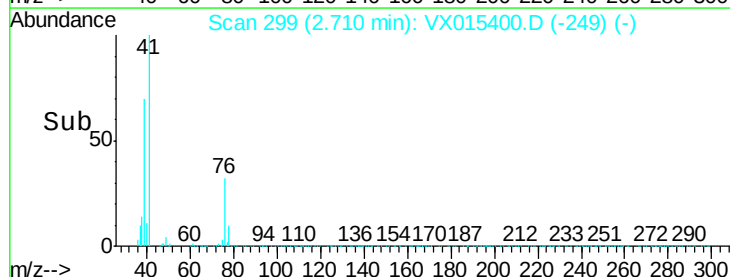
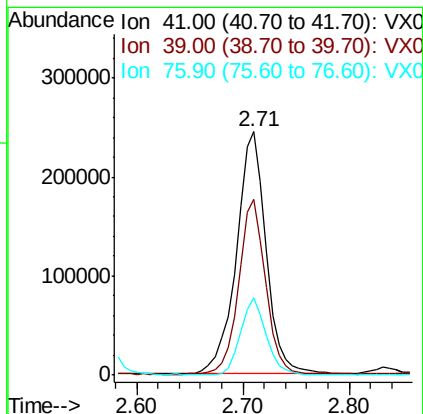
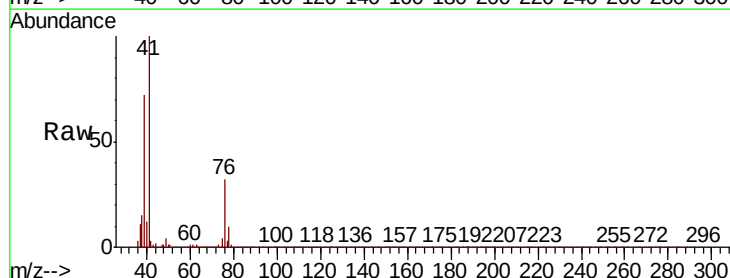
Tgt Ion: 41 Resp: 478210

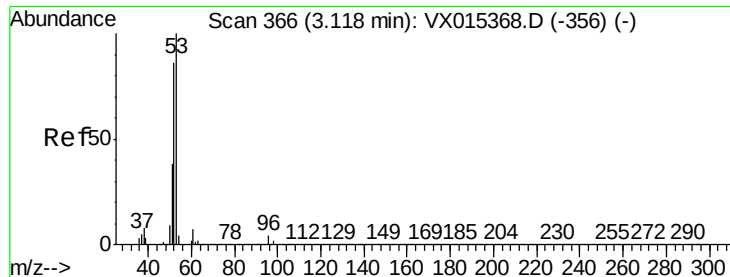
Ion Ratio Lower Upper

41 100

39 65.3 51.4 77.0

76 27.8 21.8 32.8





#15

Acrylonitrile

Concen: 100.549 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

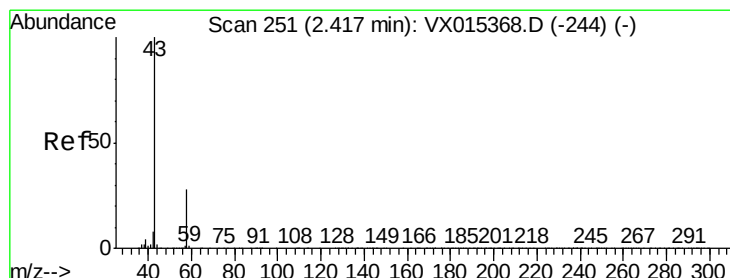
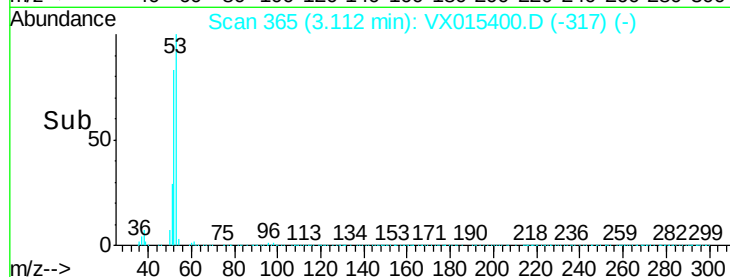
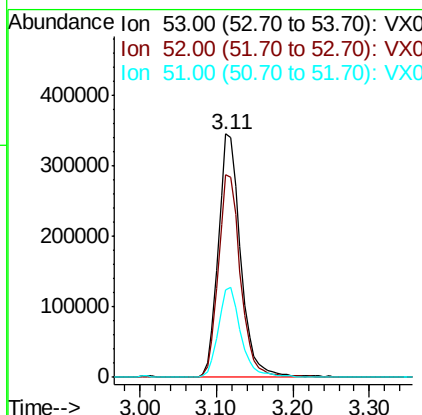
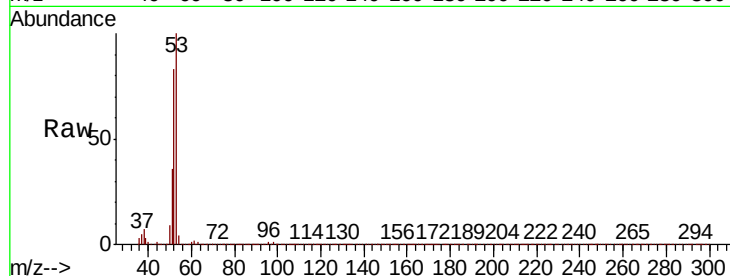
ClientSampleId :

VX0327WBS02

Tot Ion:	53	Resp:	697584
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.8	100.2
51	36.9	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 100.319 ug/l

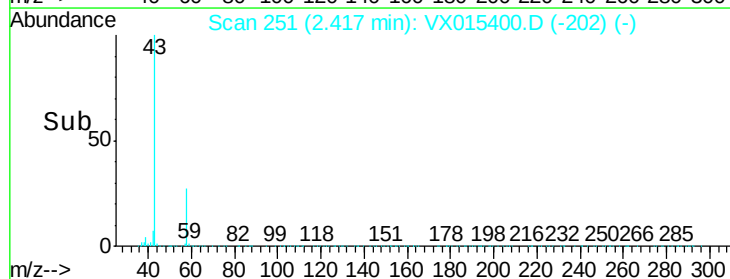
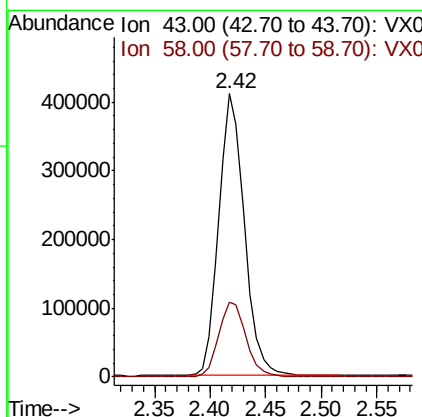
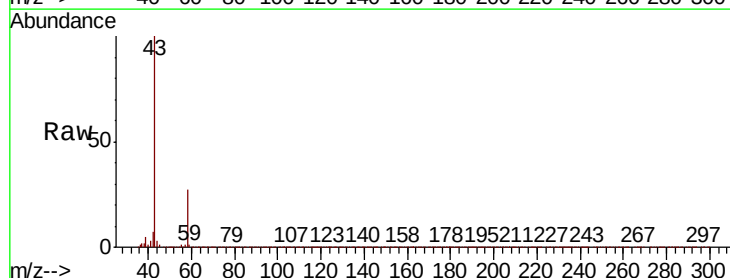
RT: 2.42 min Scan# 251

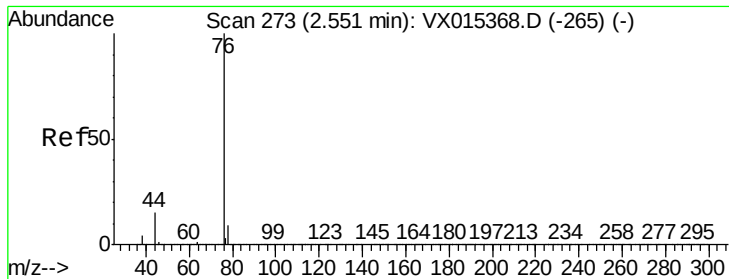
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	43	Resp:	655055
Ion Ratio	Lower	Upper	
43	100		
58	26.6	22.1	33.1





#17

Carbon Disulfide

Concen: 20.474 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion: 76 Resp: 635452

Ion Ratio Lower Upper

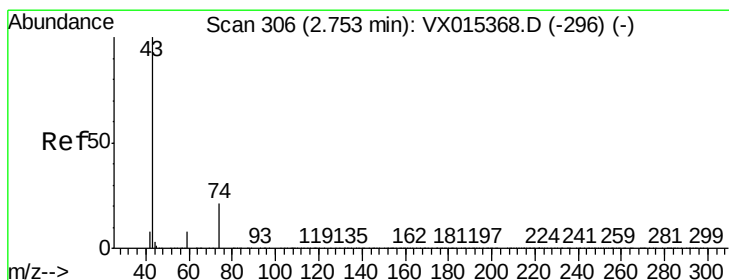
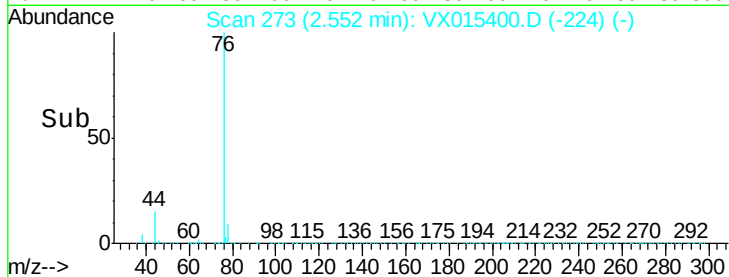
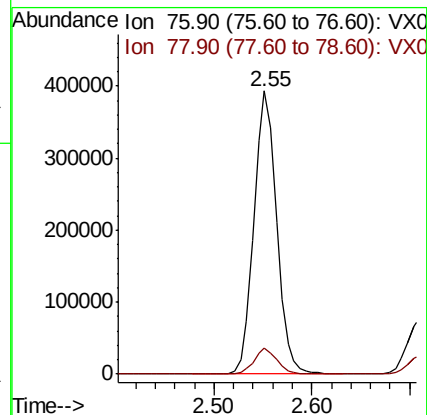
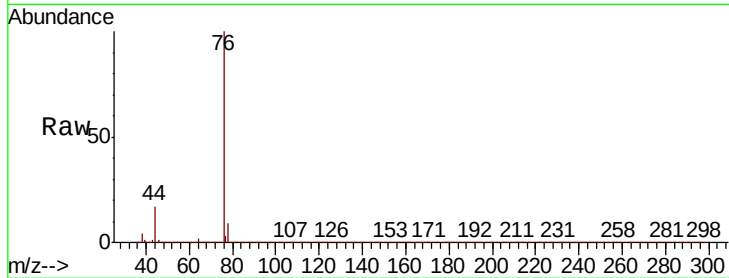
76 100

78 9.3 7.1 10.7

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#18

Methyl Acetate

Concen: 19.975 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015400.D

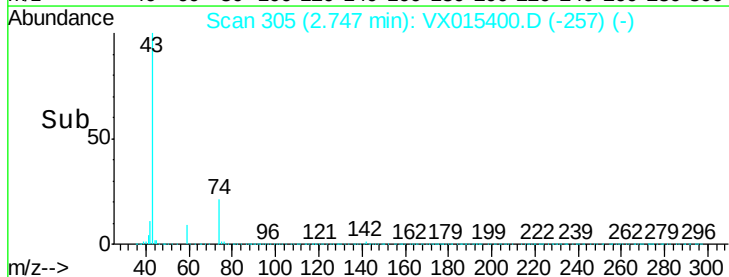
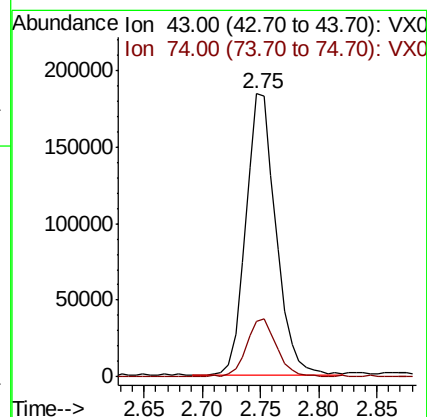
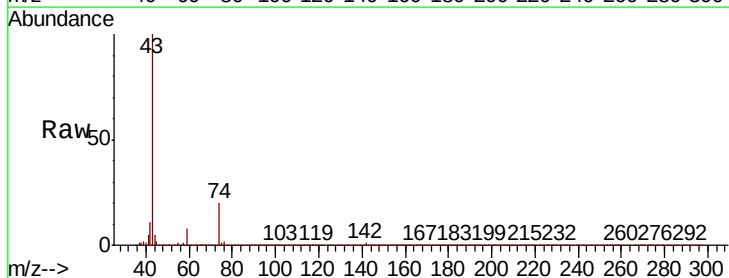
Acq: 27 Mar 2020 23:46

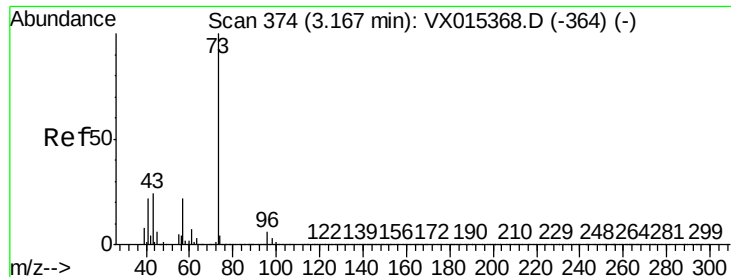
Tgt Ion: 43 Resp: 332895

Ion Ratio Lower Upper

43 100

74 20.3 16.5 24.7





#19

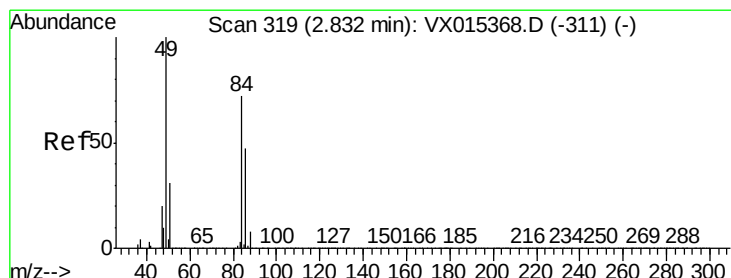
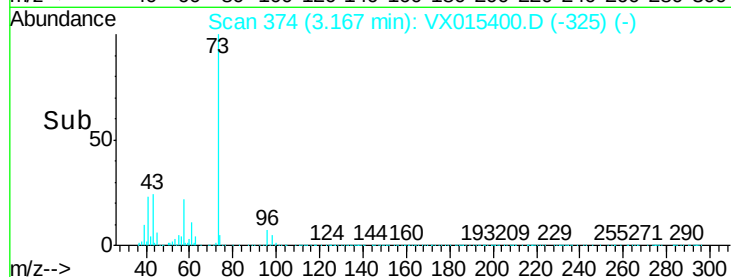
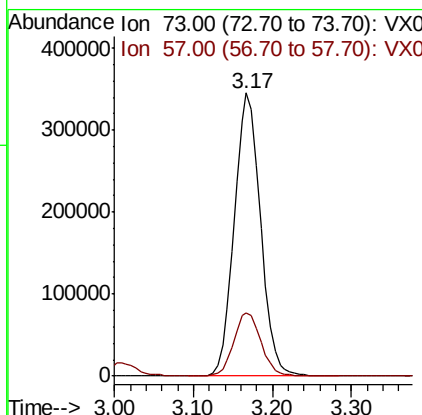
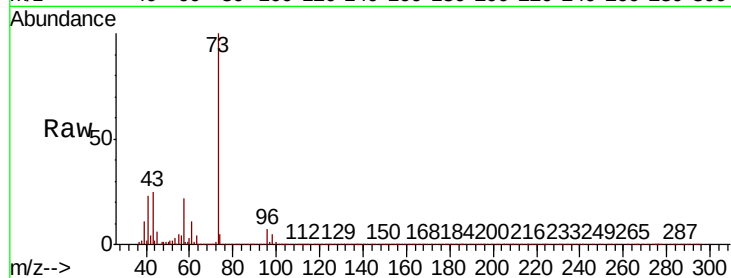
Methyl tert-butyl Ether
Concen: 20.198 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.9	26.9

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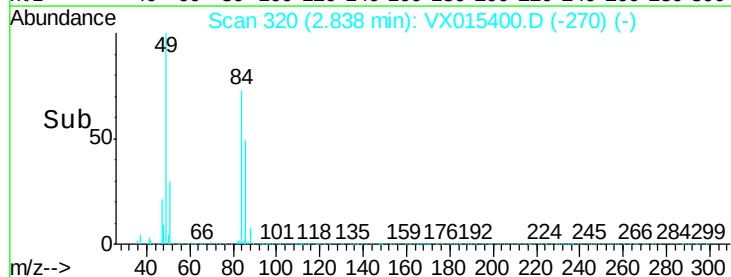
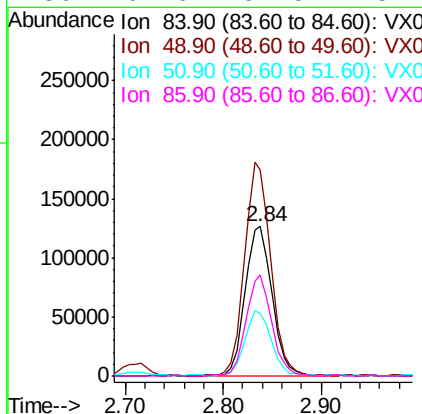
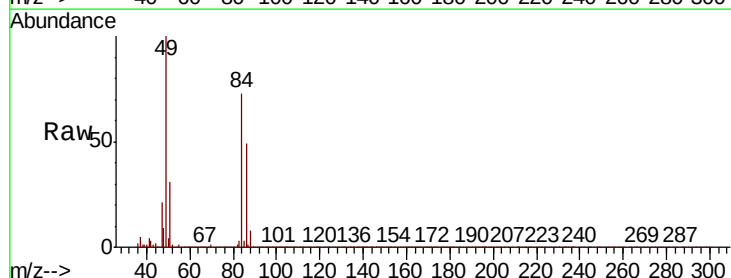
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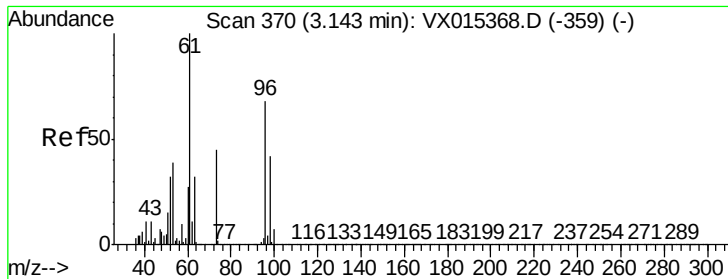


#20

Methylene Chloride
Concen: 19.726 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.7	111.3	166.9
51	41.7	34.0	51.0
86	67.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 20.365 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

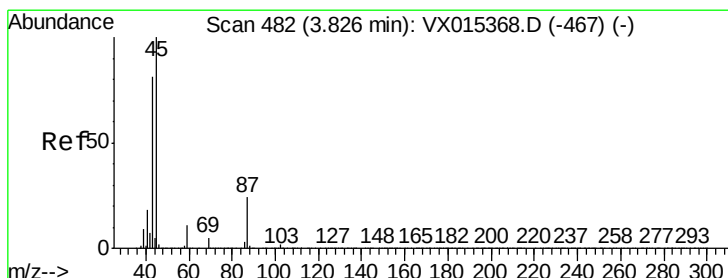
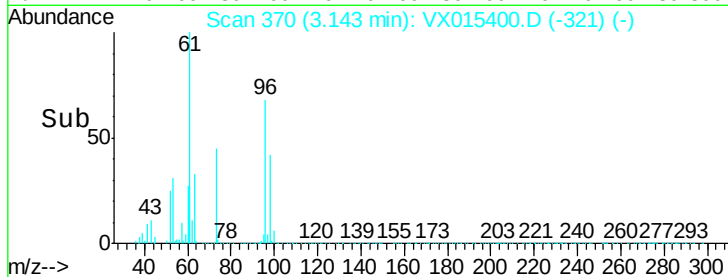
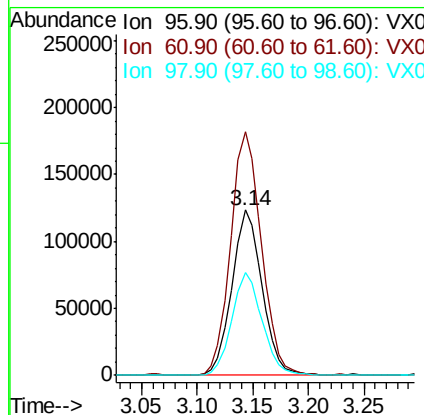
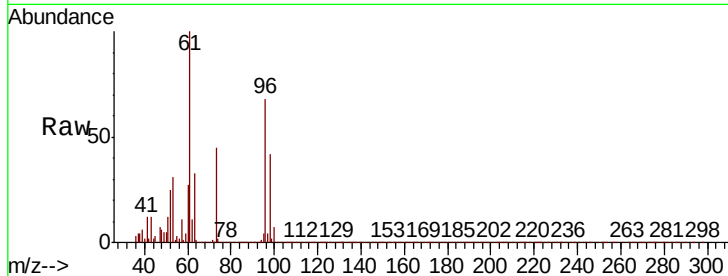
ClientSampleId :

VX0327WBS02

Tot Ion:	96	Resp:	229945
Ion Ratio	Lower	Upper	
96	100		
61	147.7	116.9	175.3
98	62.2	48.6	73.0

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#22

Diisopropyl ether

Concen: 20.844 ug/l

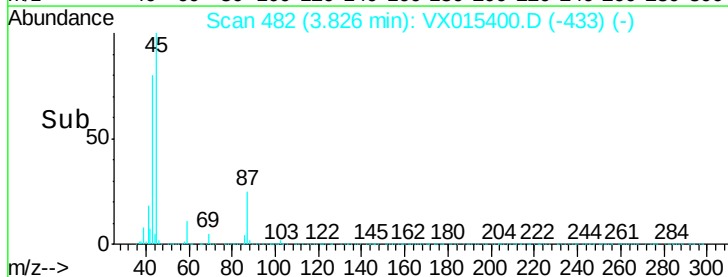
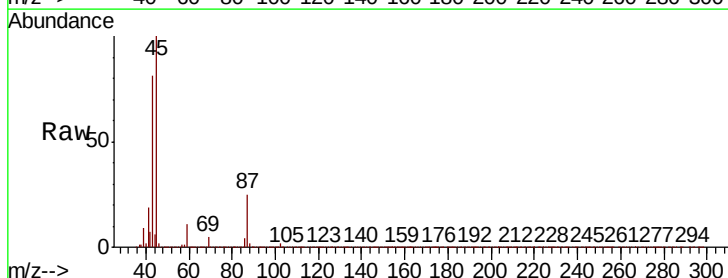
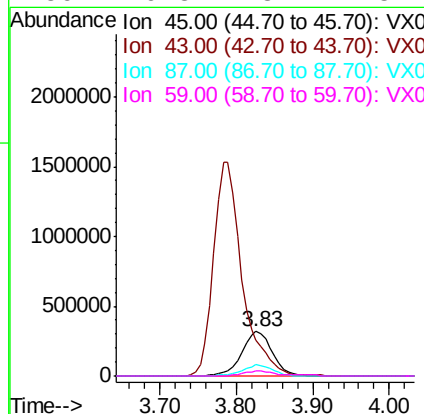
RT: 3.83 min Scan# 482

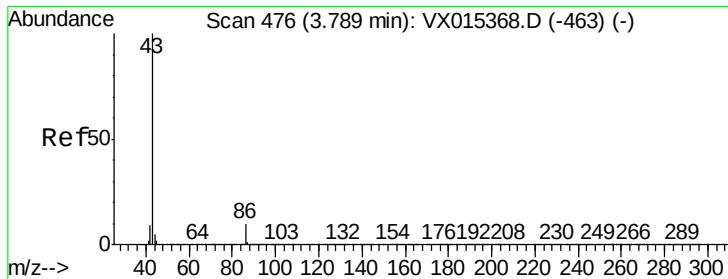
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	45	Resp:	878043
Ion Ratio	Lower	Upper	
45	100		
43	79.9	64.7	97.1
87	24.7	19.4	29.0
59	10.3	8.7	13.1





#23

Vinyl Acetate

Concen: 104.264 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion: 43 Resp: 3976569

Ion Ratio Lower Upper

43 100

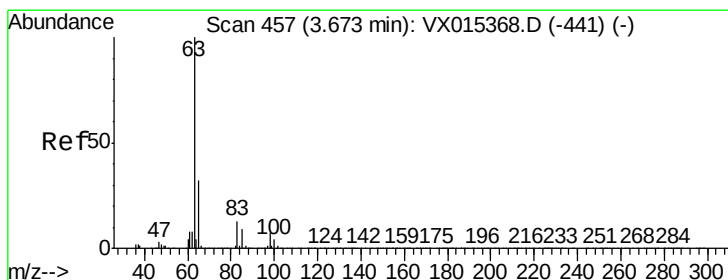
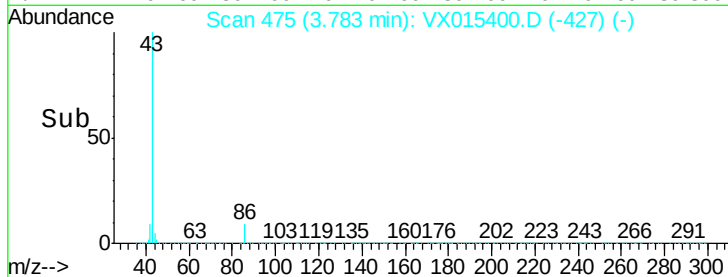
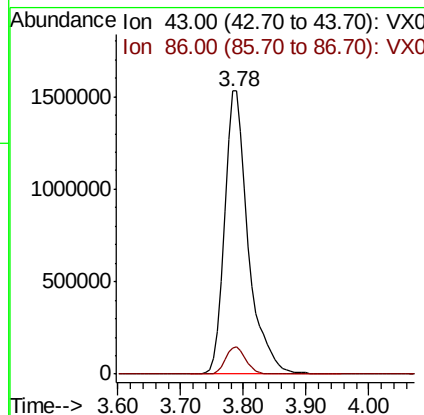
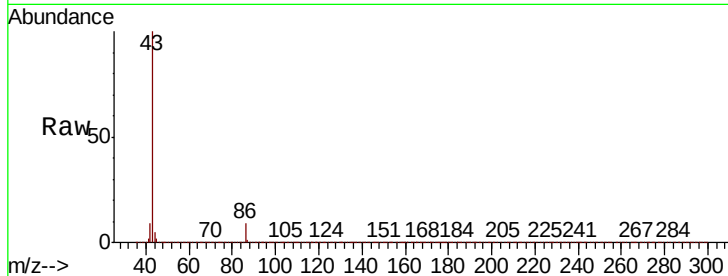
86 9.1 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 20.047 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

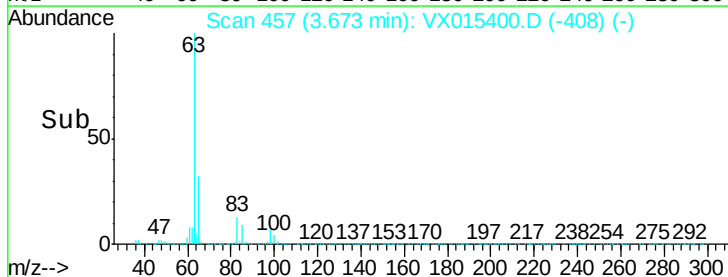
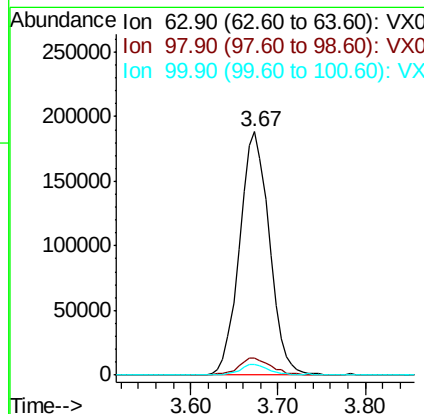
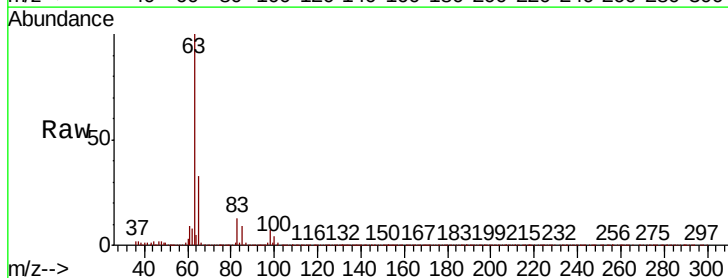
Tgt Ion: 63 Resp: 444621

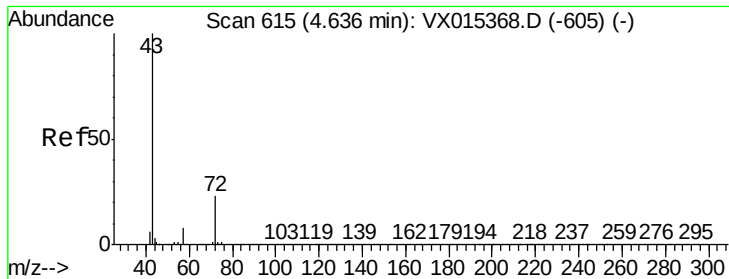
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 99.273 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tot Ion: 43 Resp: 1042486

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

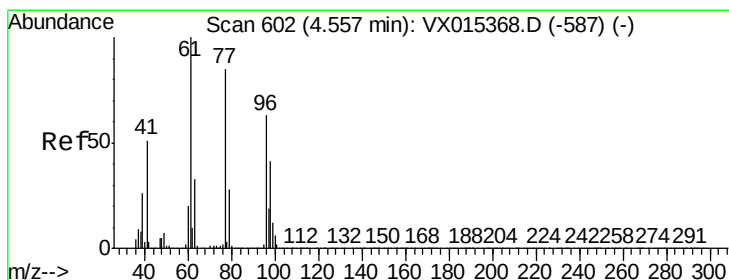
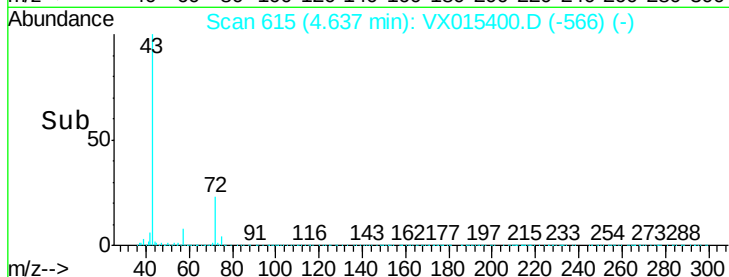
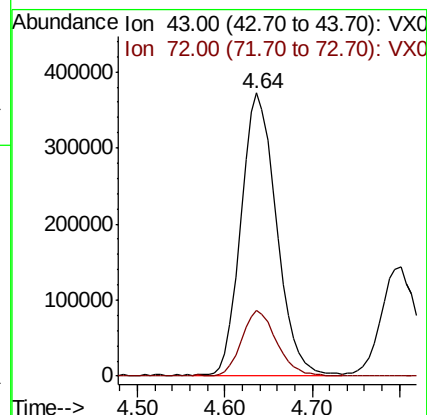
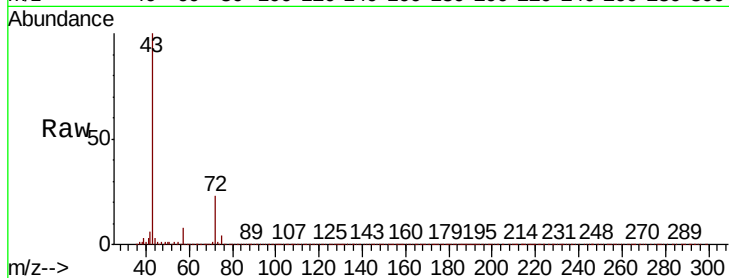
VX0327WBS02

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#26

2,2-Dichloropropane

Concen: 17.832 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015400.D

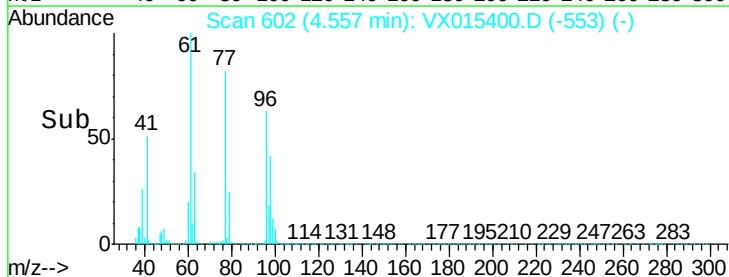
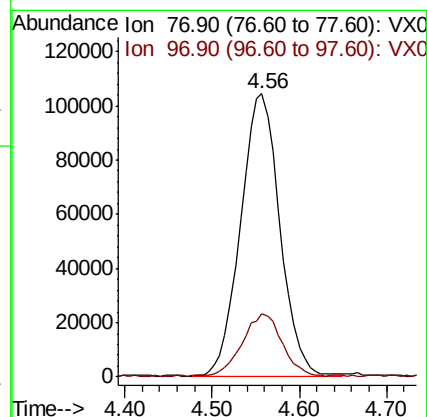
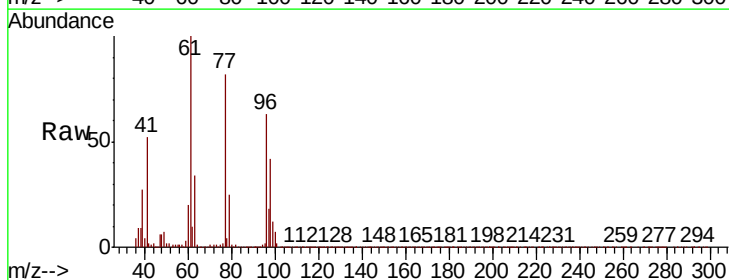
Acq: 27 Mar 2020 23:46

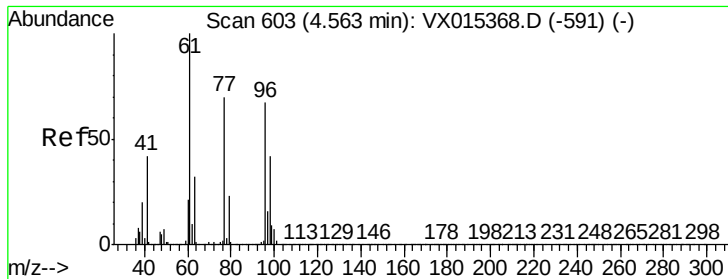
Tgt Ion: 77 Resp: 324639

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8





#27

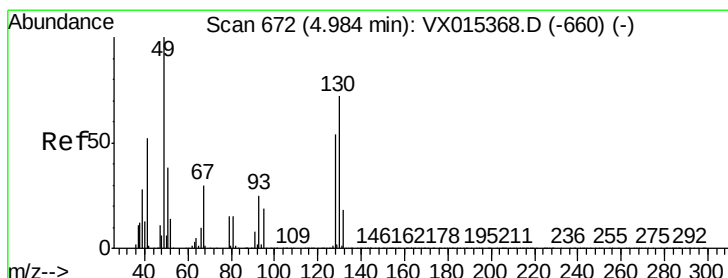
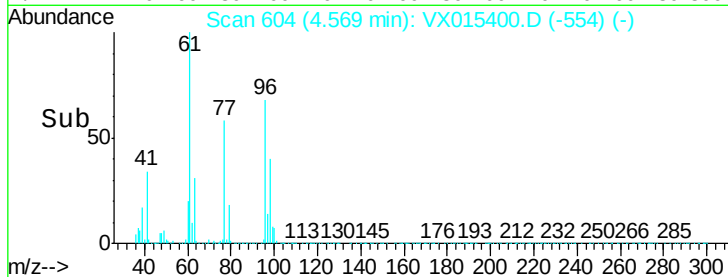
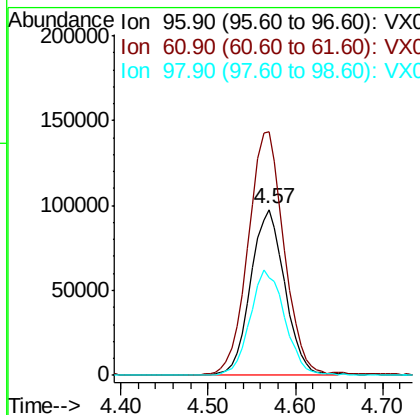
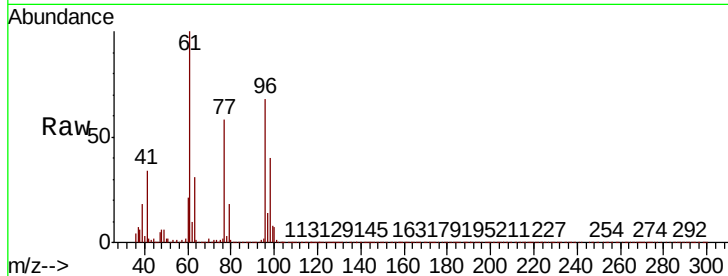
cis-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	265055		
61	152.6	0.0	308.4	
98	64.2	0.0	129.2	

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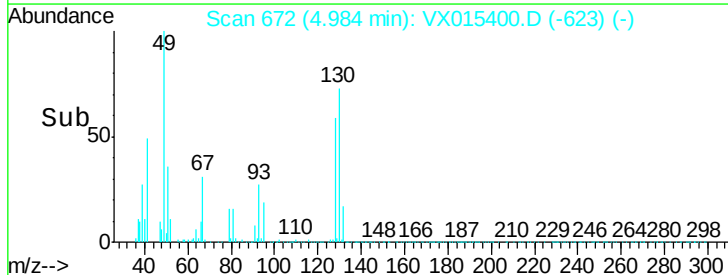
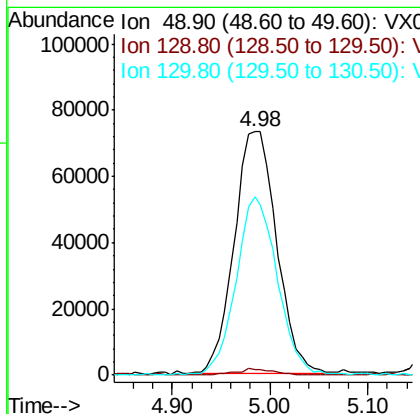
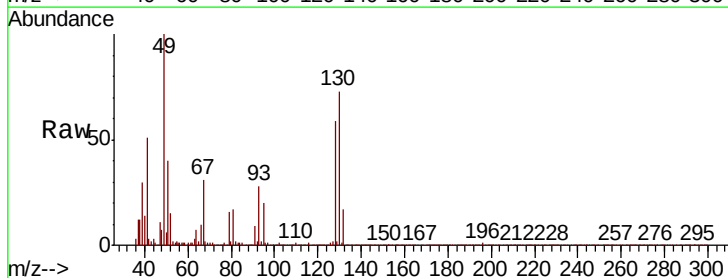
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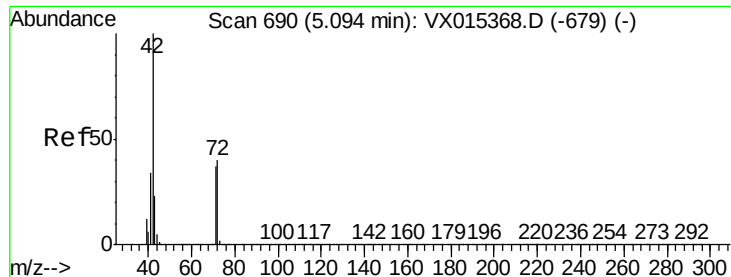


#28

Bromochloromethane
Concen: 20.821 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	220479		
129	2.2	0.0	4.4	
130	71.5	57.7	86.5	





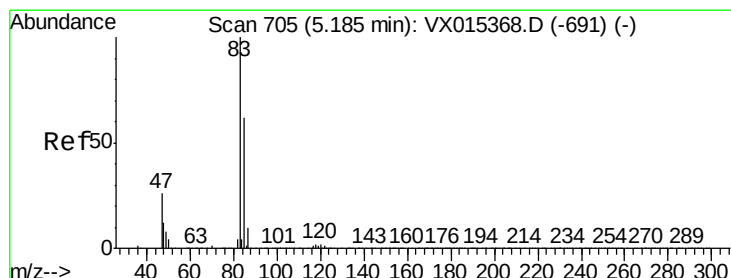
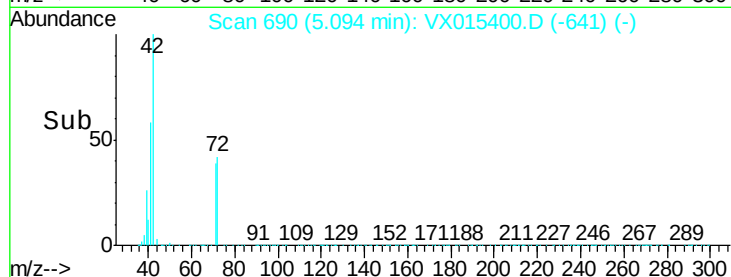
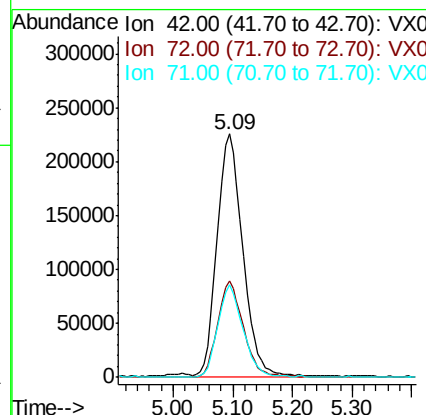
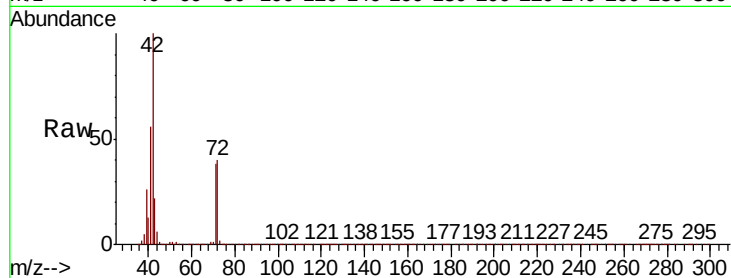
#29
Tetrahydrofuran
Concen: 99.417 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.7	47.5
71	36.7	29.6	44.4

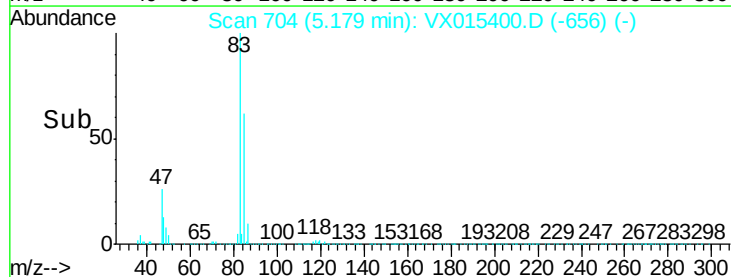
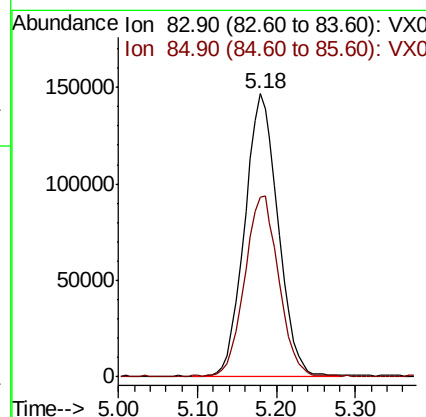
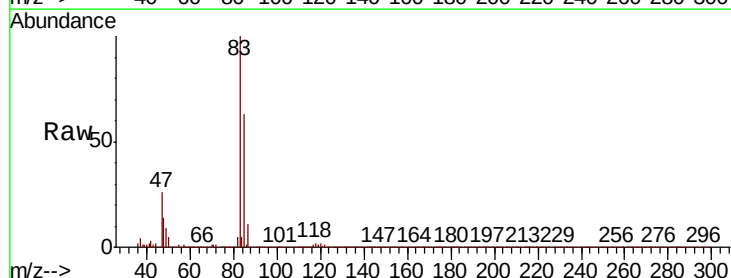
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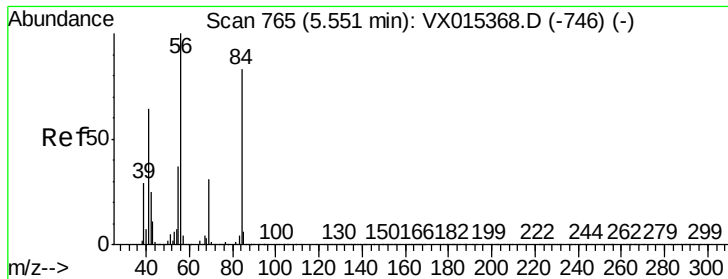
apatel
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#30
Chloroform
Concen: 20.120 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.5	74.3





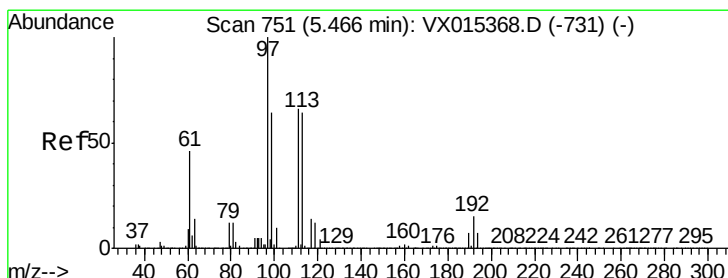
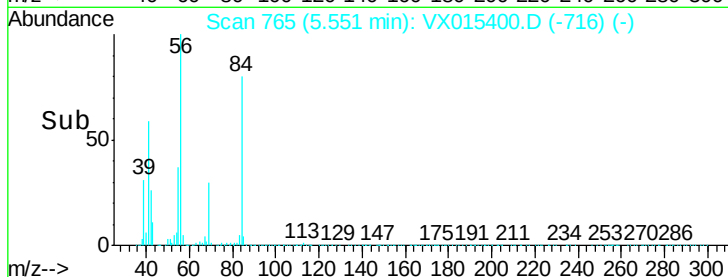
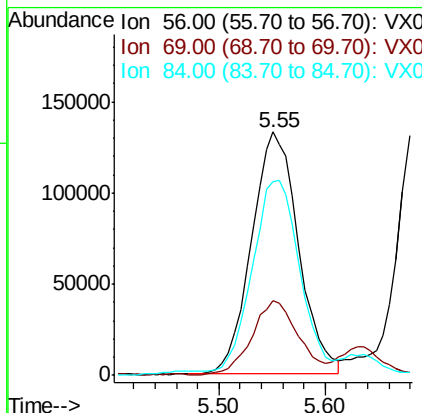
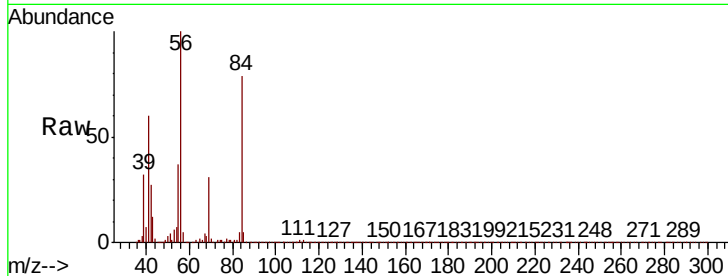
#31
Cyclohexane
Concen: 21.288 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.6	36.8
84	78.1	66.1	99.1

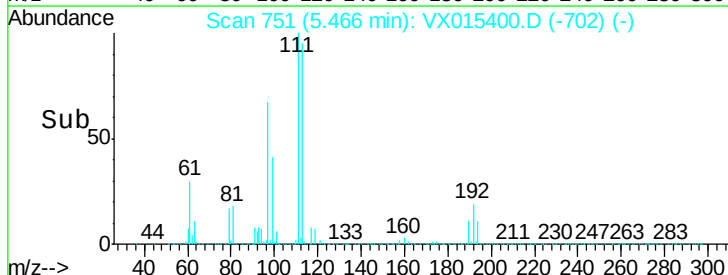
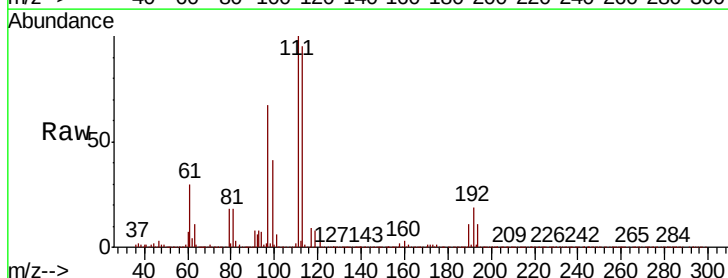
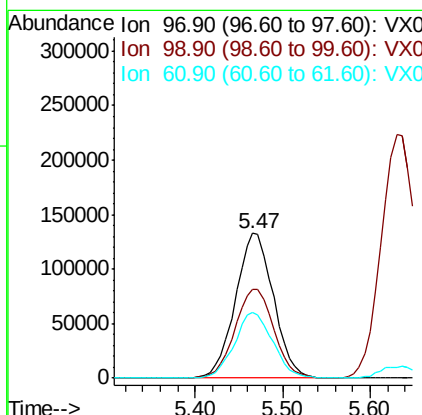
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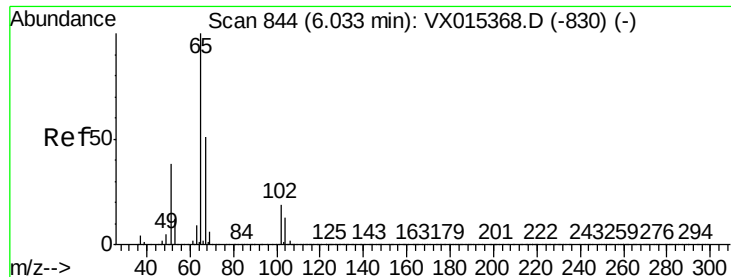
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#32
1,1,1-Trichloroethane
Concen: 20.564 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	46.5	36.1	54.1





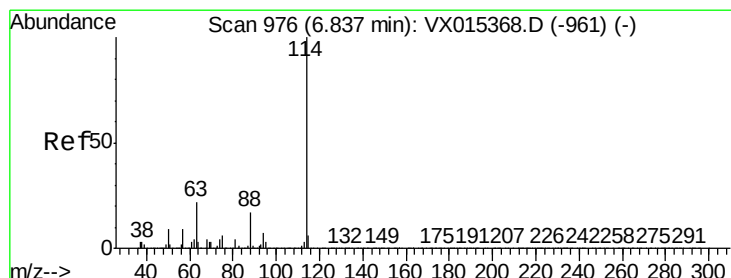
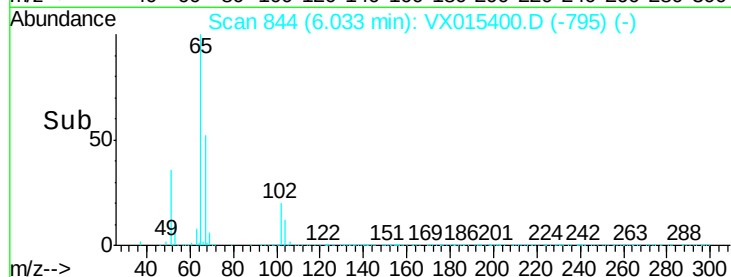
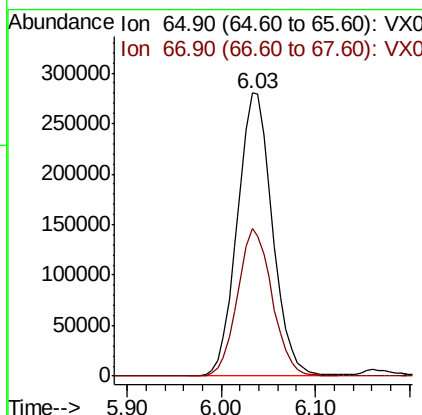
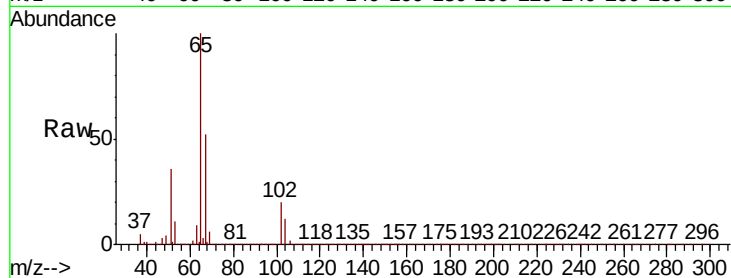
#33
 1,2-Dichloroethane-d4
 Concen: 47.943 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

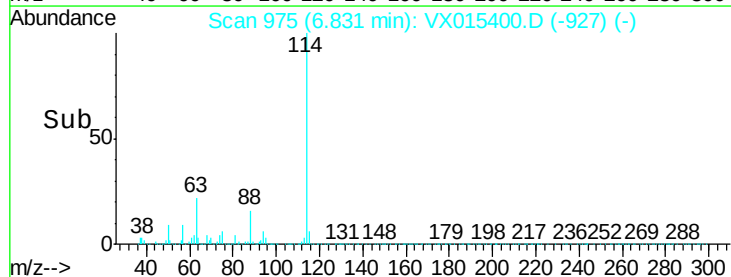
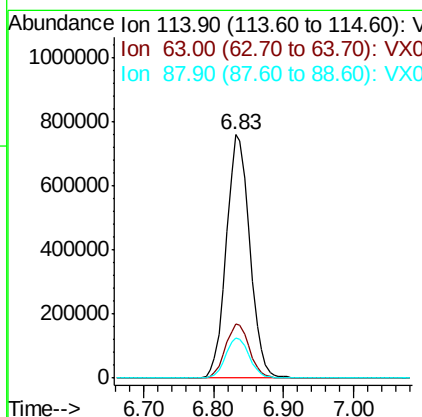
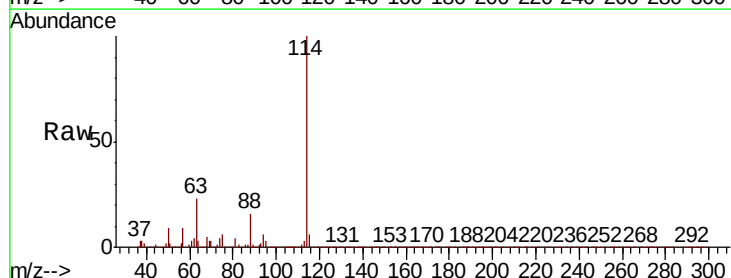
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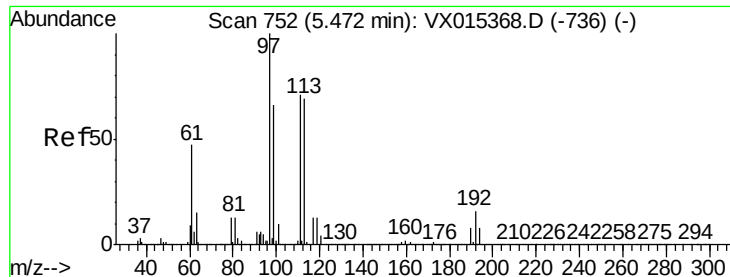
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.2
88	16.2	0.0	33.8





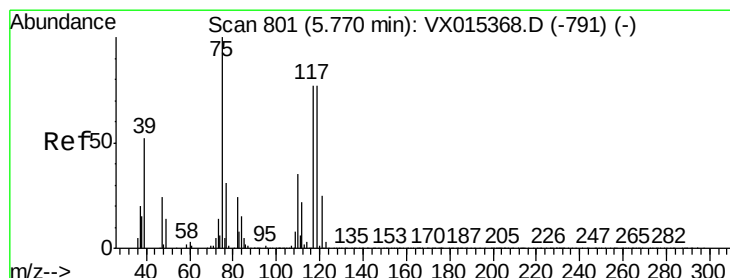
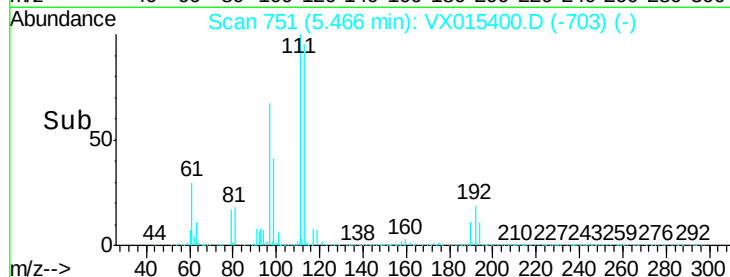
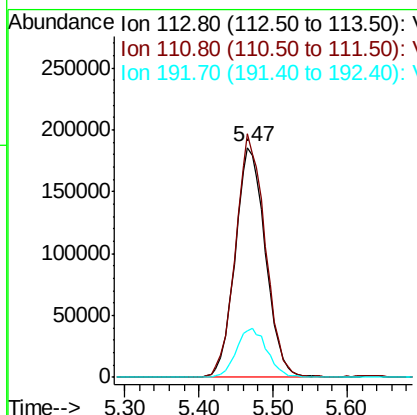
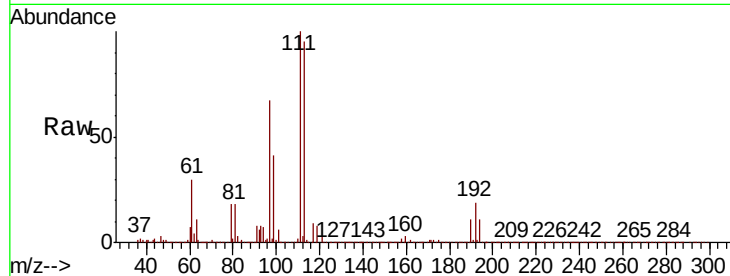
#35
Dibromofluoromethane
Concen: 46.707 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	529351		
111	103.0	81.5	122.3	
192	21.7	17.8	26.6	

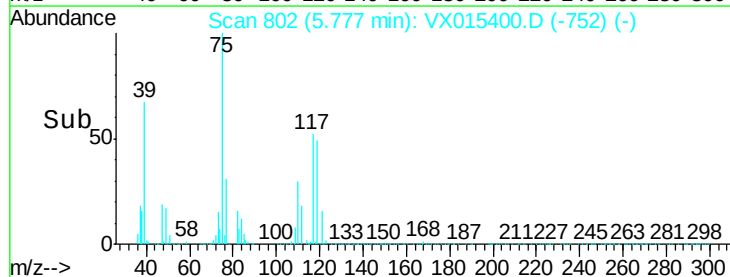
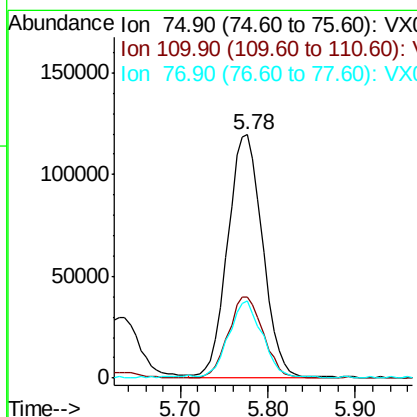
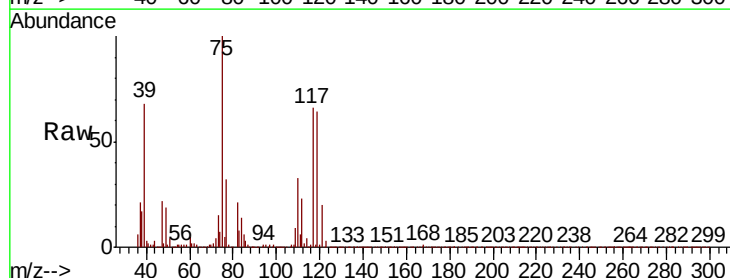
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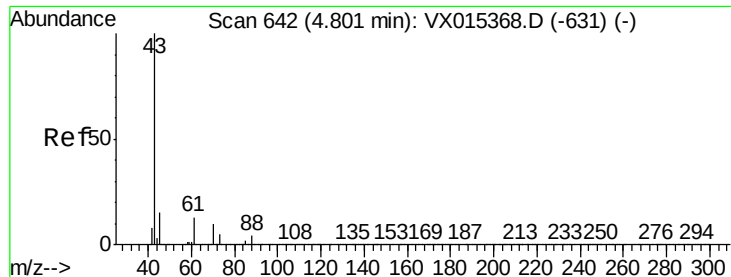
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#36
1,1-Dichloropropene
Concen: 20.097 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	328301		
110	33.4	17.1	51.3	
77	30.3	24.6	36.8	





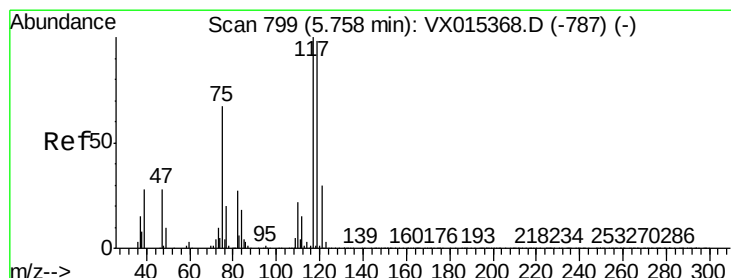
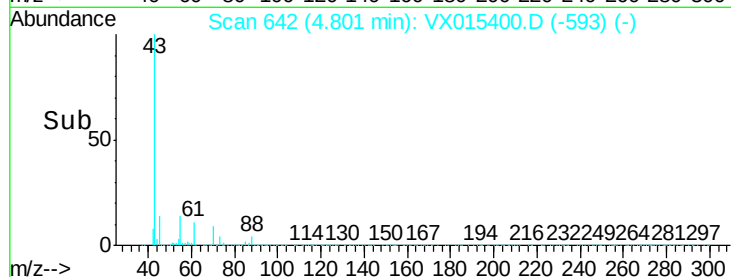
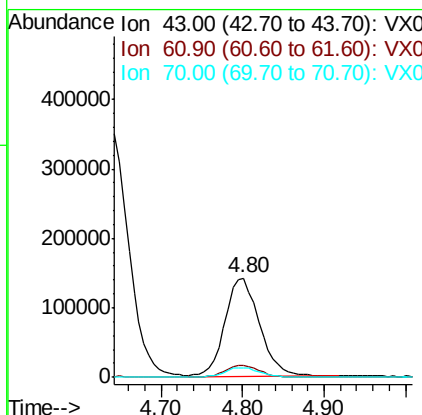
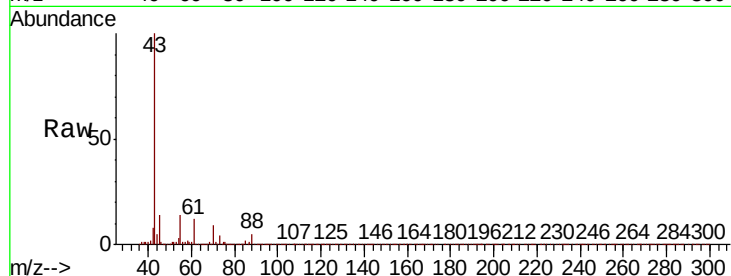
#37
Ethyl Acetate
Concen: 19.522 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	43	Resp	415253
Ion Ratio	Lower	Upper	
43	100		
61	11.9	9.9	14.9
70	10.0	8.1	12.1

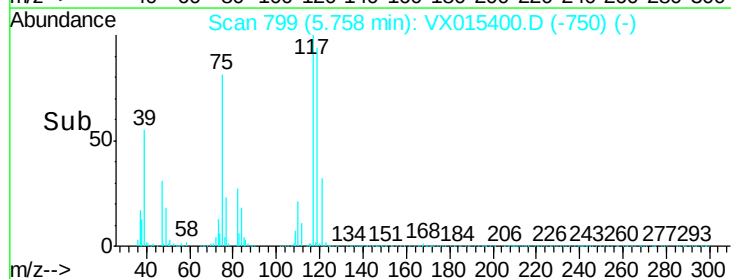
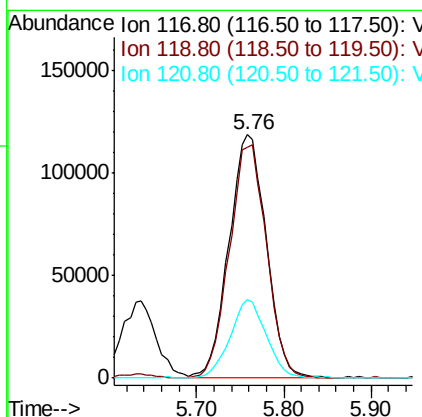
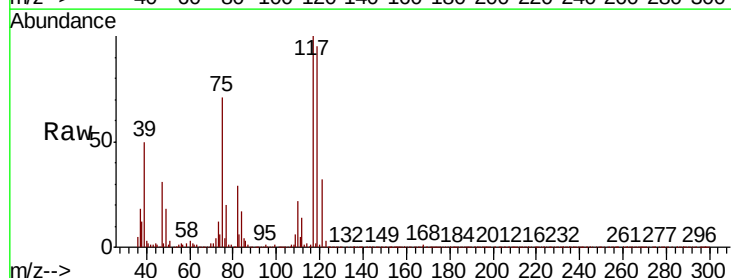
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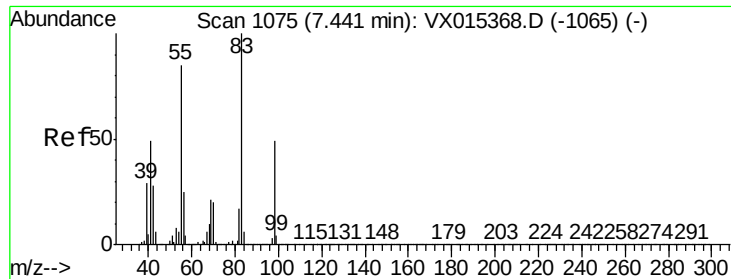
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#38
Carbon Tetrachloride
Concen: 19.762 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	117	Resp	349671
Ion Ratio	Lower	Upper	
117	100		
119	94.9	78.0	117.0
121	31.9	23.8	35.8





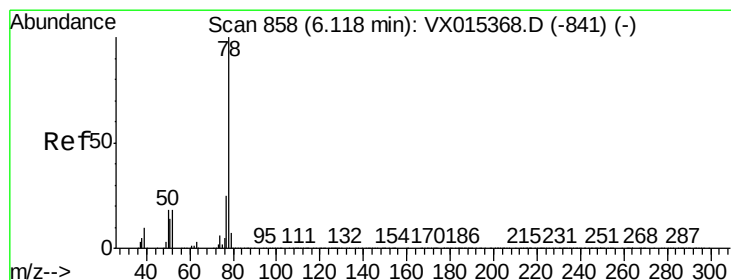
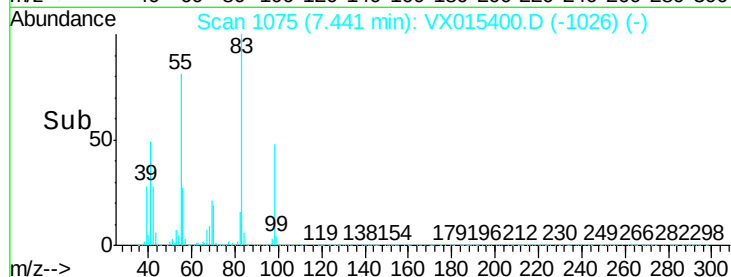
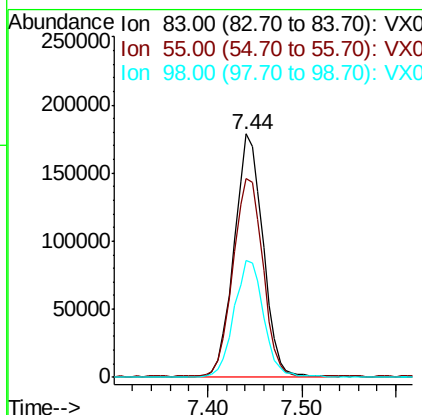
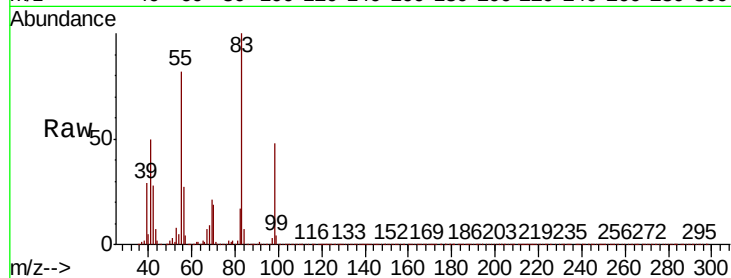
#39
Methylvlcyclohexane
Concen: 20.147 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	67.8	101.6
98	48.2	39.3	58.9

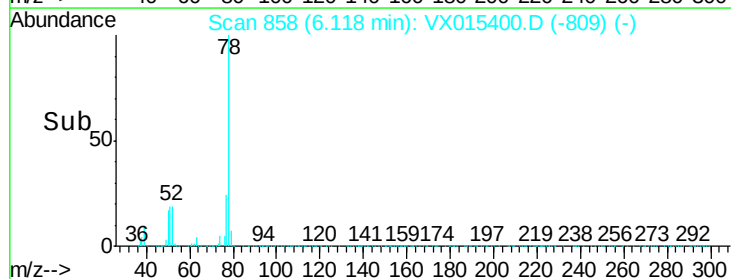
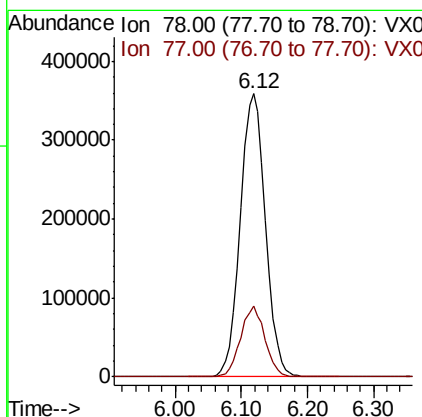
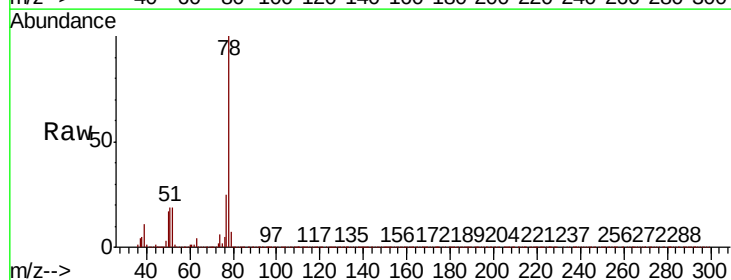
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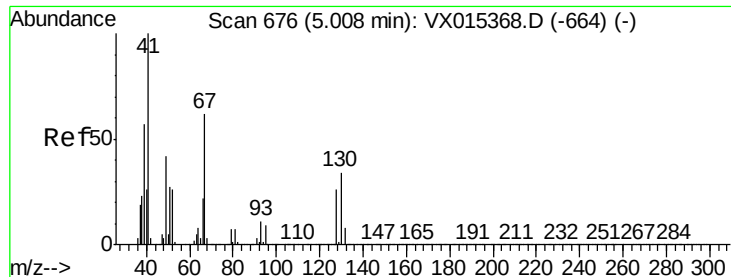
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#40
Benzene
Concen: 19.777 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.8	29.8





#41

Methacrylonitrile

Concen: 19.887 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

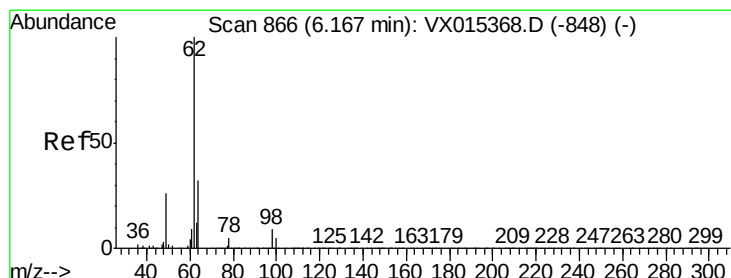
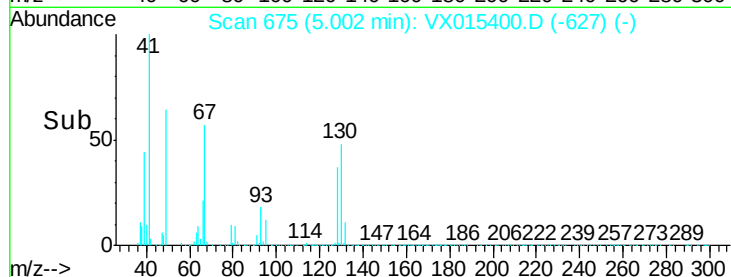
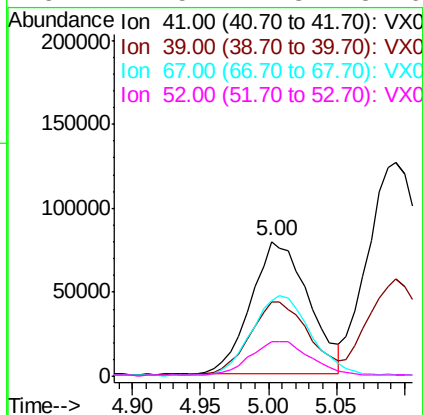
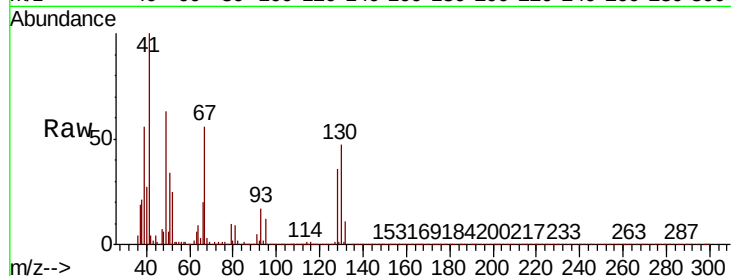
ClientSampleId :

VX0327WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	44.5	66.7	
67	61.6	48.9	73.3	
52	27.5	21.8	32.6	

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#42

1,2-Dichloroethane

Concen: 19.568 ug/l

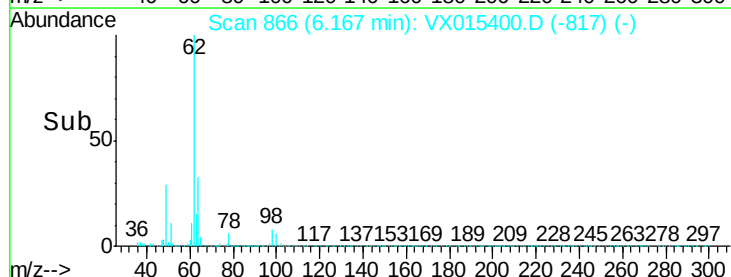
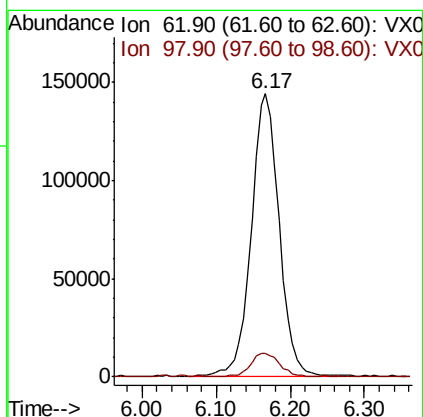
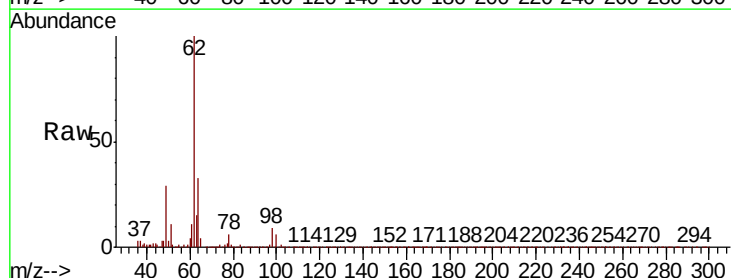
RT: 6.17 min Scan# 866

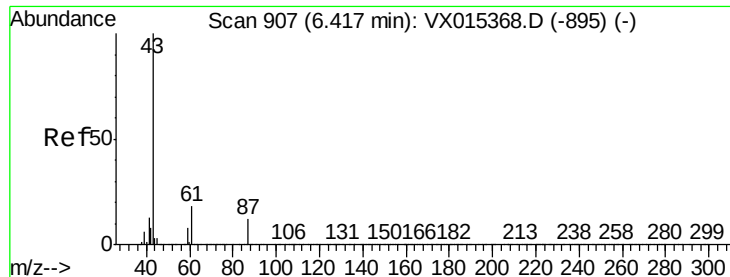
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.6	





#43

Isopropyl Acetate

Concen: 19.415 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

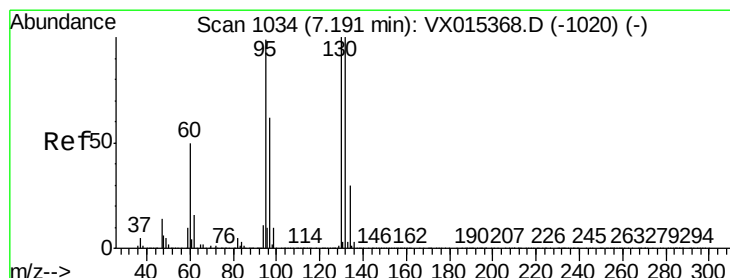
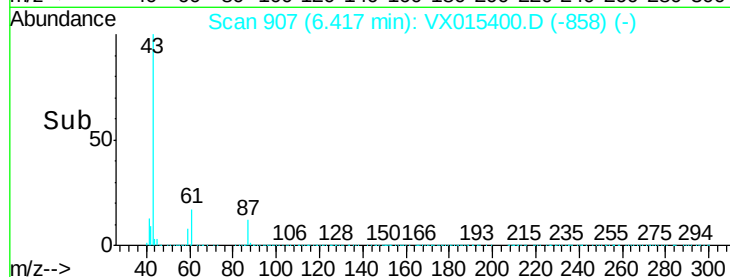
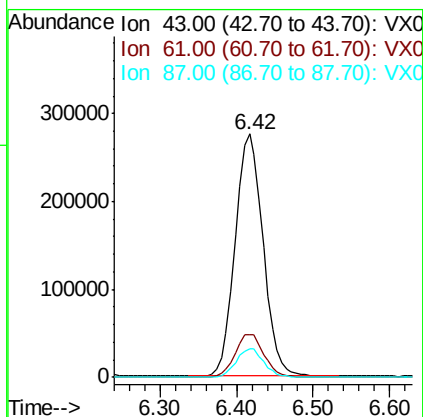
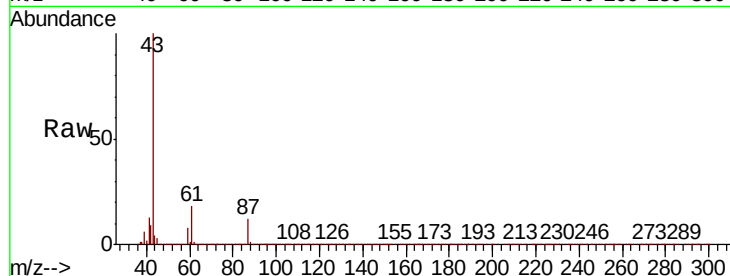
ClientSampleId :

VX0327WBS02

Tot Ion:	43	Resp:	697127
Ion Ratio		Lower	Upper
43	100		
61	18.8	14.8	22.2
87	11.4	9.4	14.0

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#44

Trichloroethene

Concen: 19.493 ug/l

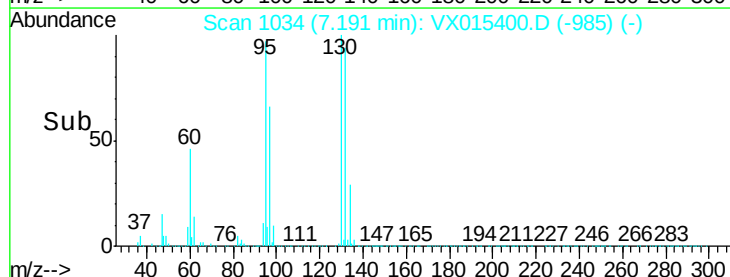
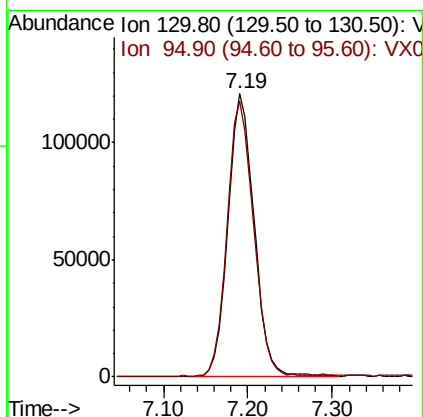
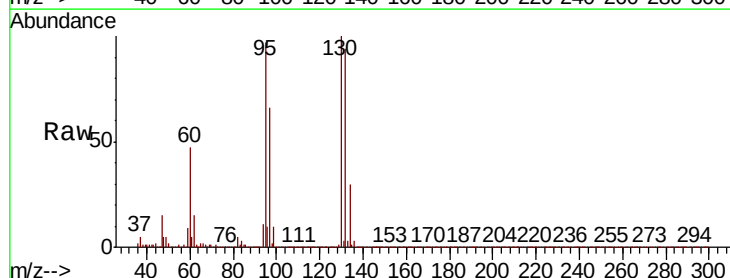
RT: 7.19 min Scan# 1034

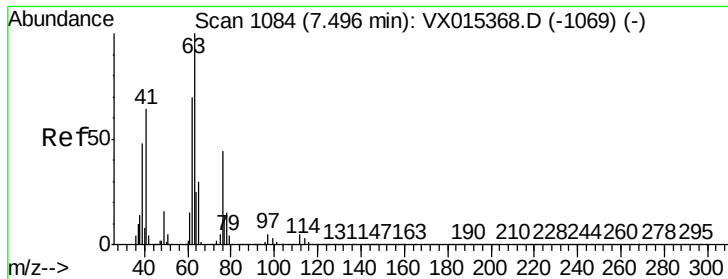
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	130	Resp:	254396
Ion Ratio		Lower	Upper
130	100		
95	97.0	0.0	199.0





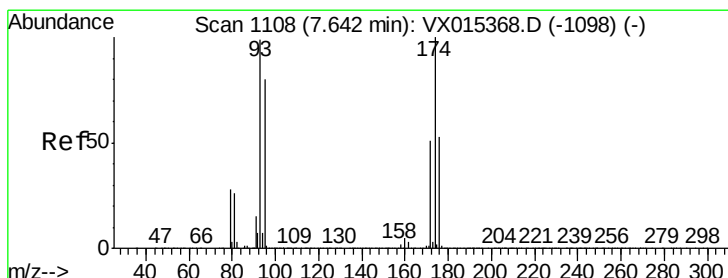
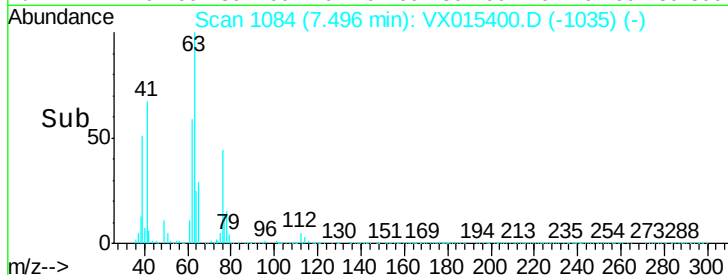
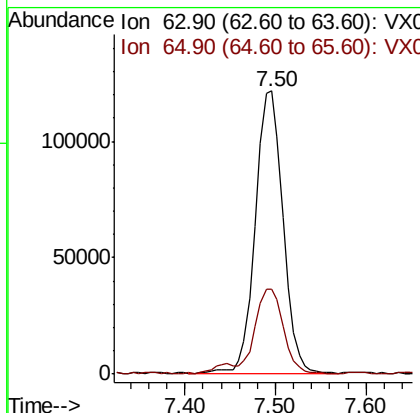
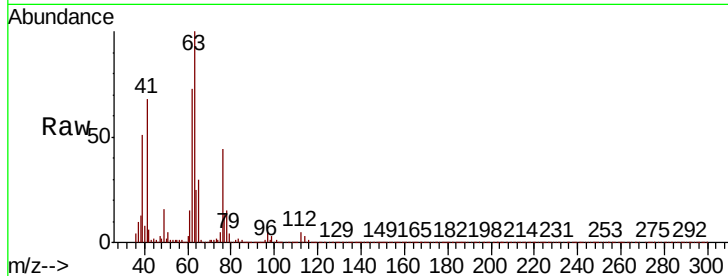
#45
 1,2-Dichloropropane
 Concen: 19.611 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.9	35.9

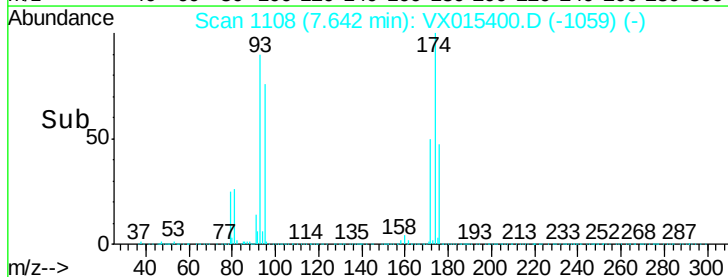
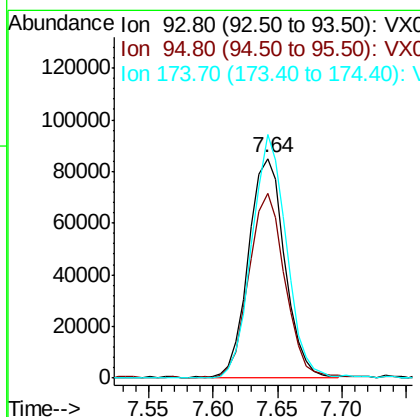
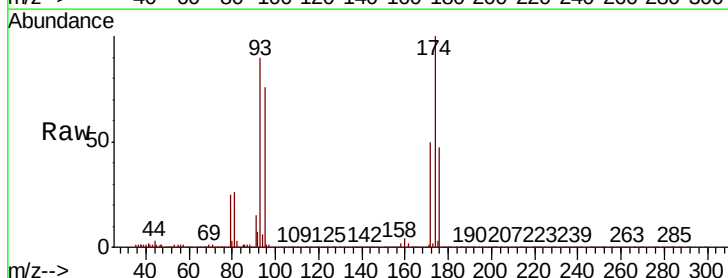
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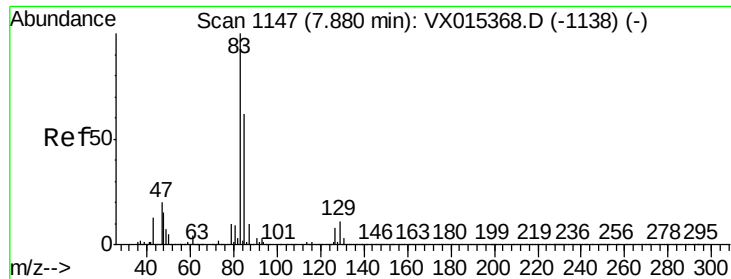
apatel
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#46
 Dibromomethane
 Concen: 19.173 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.8	98.8
174	105.3	86.2	129.2





#47

Bromodichloromethane

Concen: 19.485 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

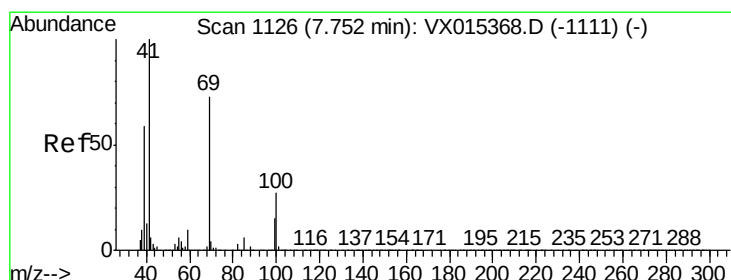
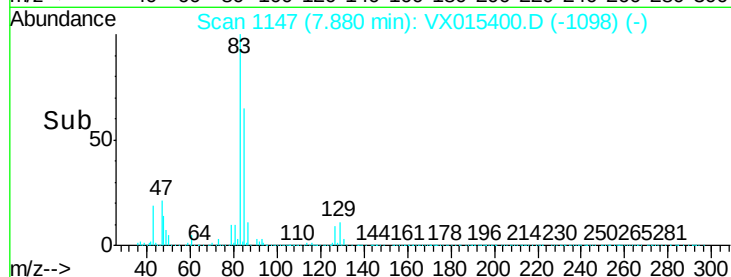
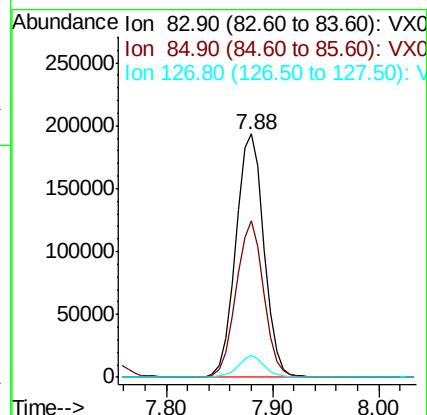
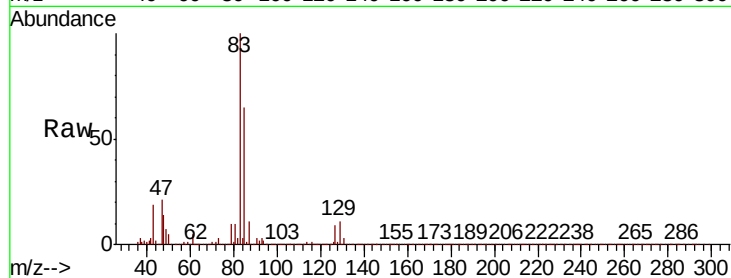
ClientSampleId :

VX0327WBS02

Tot Ion:	83	Resp:	356529
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.7	74.5
127	8.8	6.7	10.1

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#48

Methyl methacrylate

Concen: 19.269 ug/l

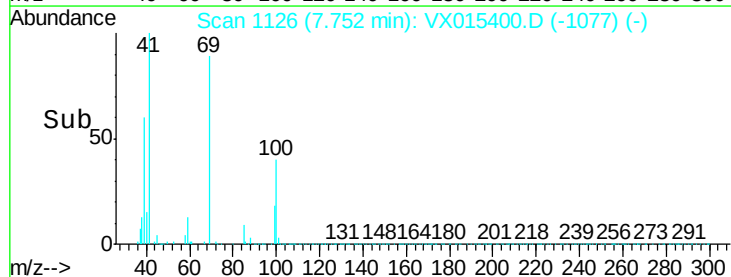
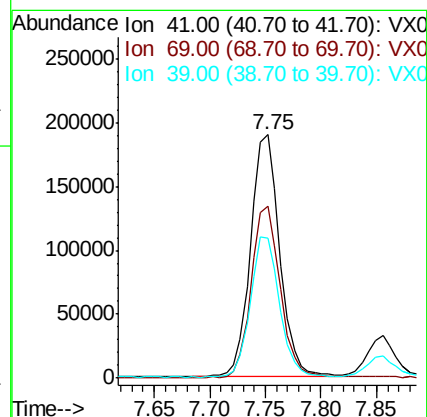
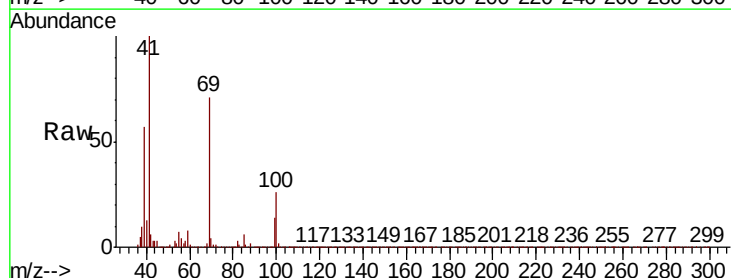
RT: 7.75 min Scan# 1126

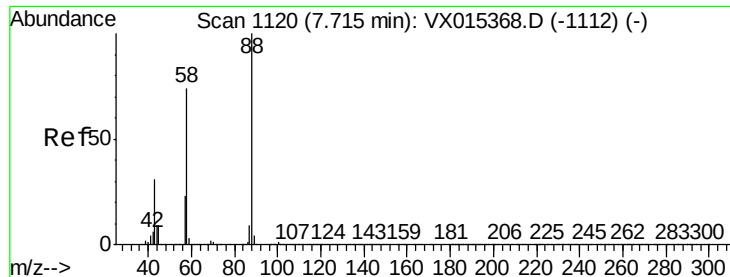
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	41	Resp:	345601
Ion Ratio	Lower	Upper	
41	100		
69	70.5	56.7	85.1
39	58.4	46.5	69.7





#49

1,4-Dioxane

Concen: 390.164 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

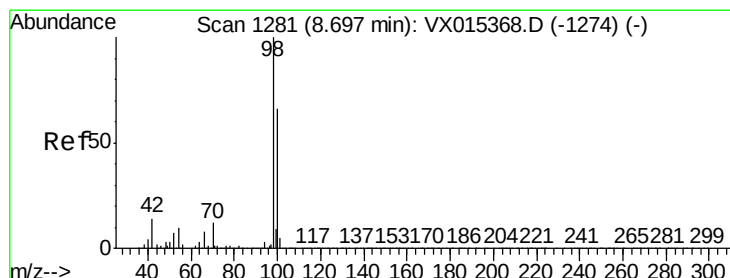
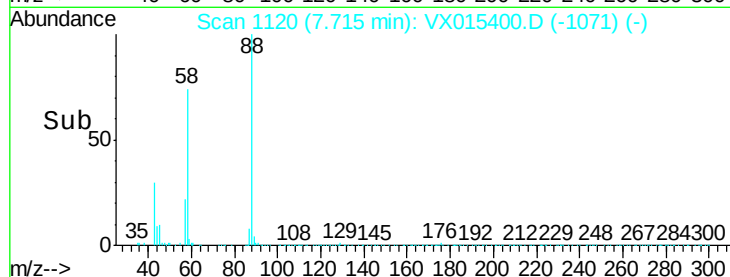
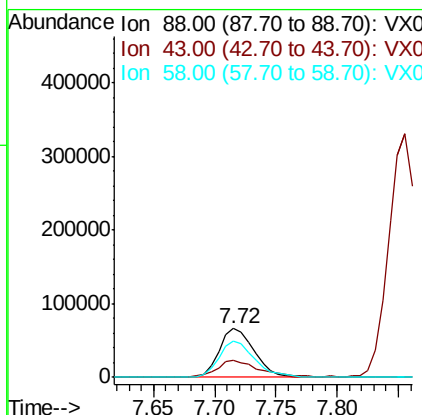
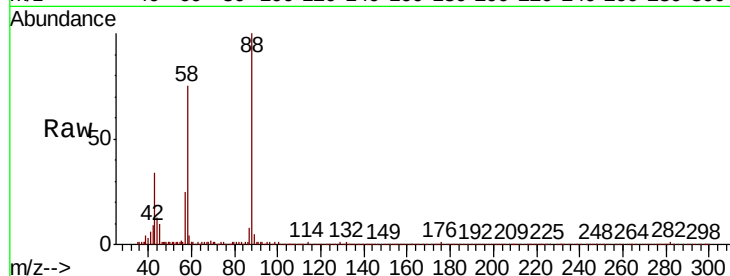
ClientSampleId :

VX0327WBS02

Tot Ion:	88	Resp:	130542
Ion Ratio	Lower	Upper	
88	100		
43	39.0	30.1	45.1
58	75.4	60.6	90.8

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#50

Toluene-d8

Concen: 47.040 ug/l

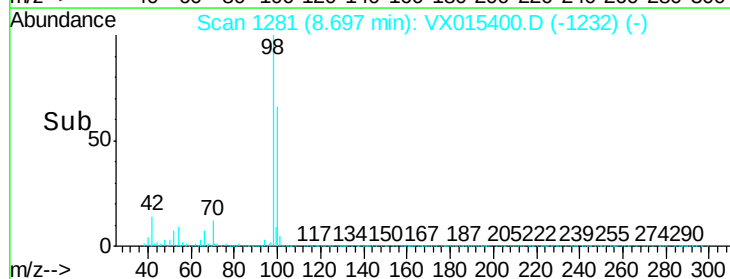
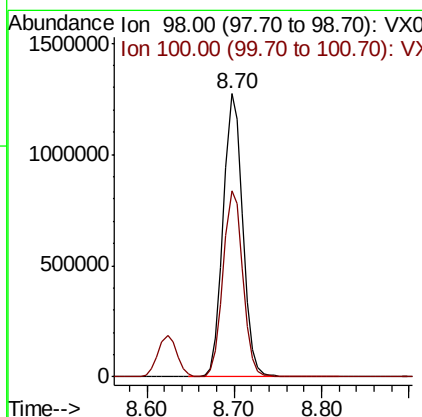
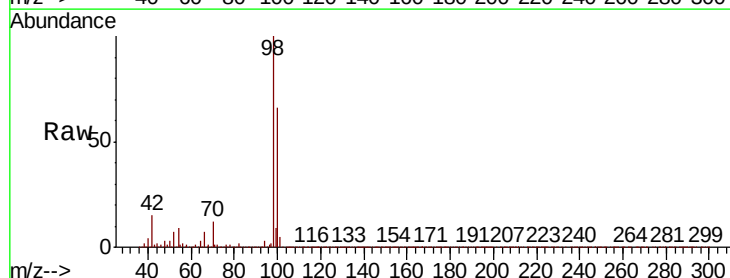
RT: 8.70 min Scan# 1281

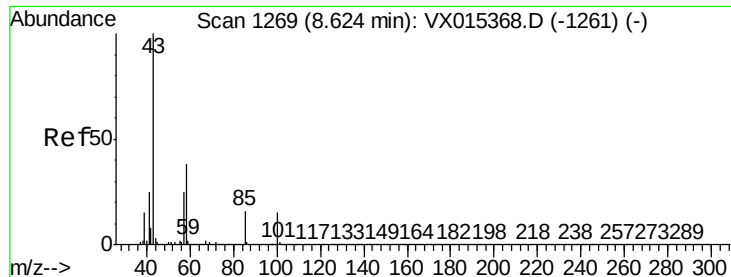
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	98	Resp:	1962814
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.5	80.3





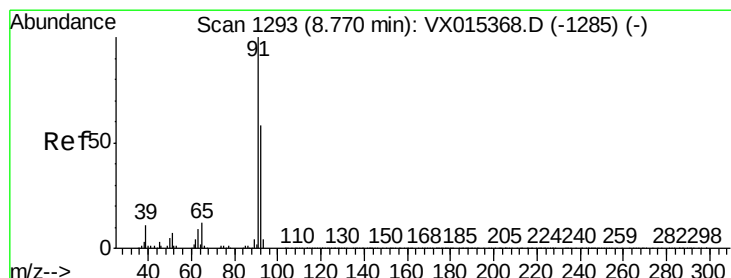
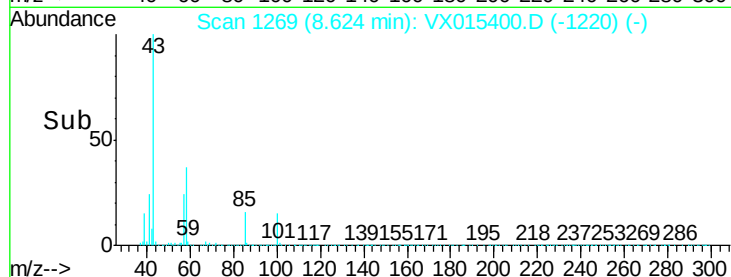
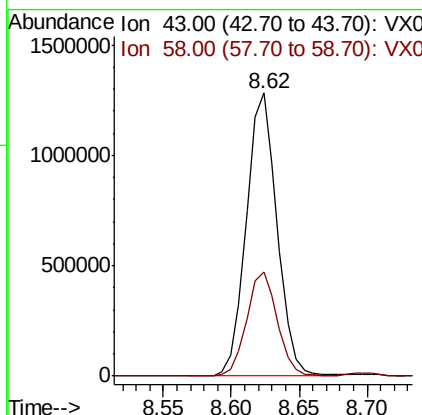
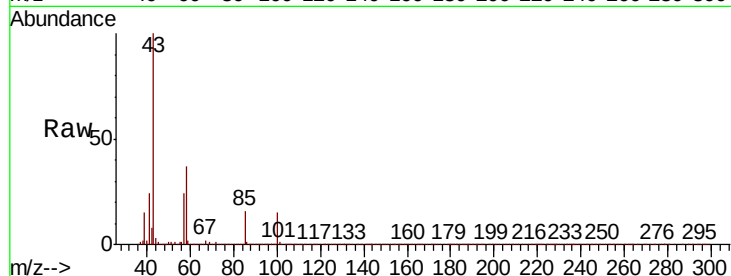
#51
4-Methyl-2-Pentanone
Concen: 99.719 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion: 43 Resp: 2029227
Ion Ratio Lower Upper
43 100
58 36.5 29.7 44.5

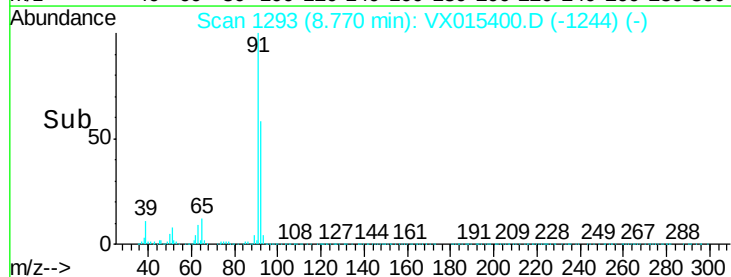
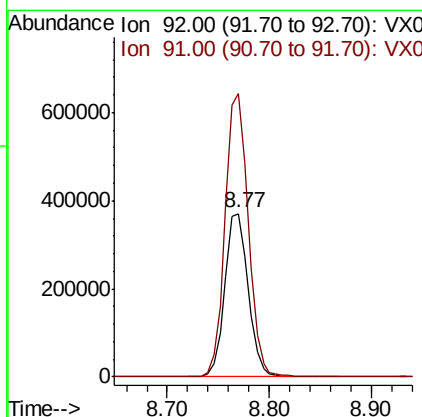
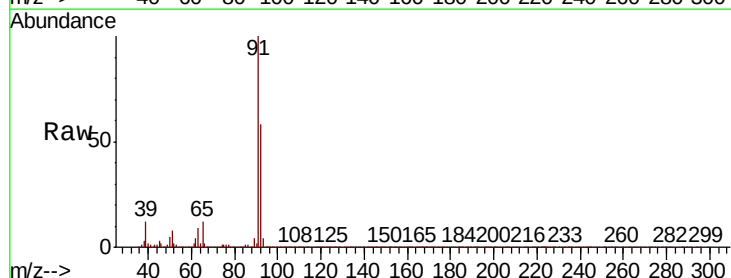
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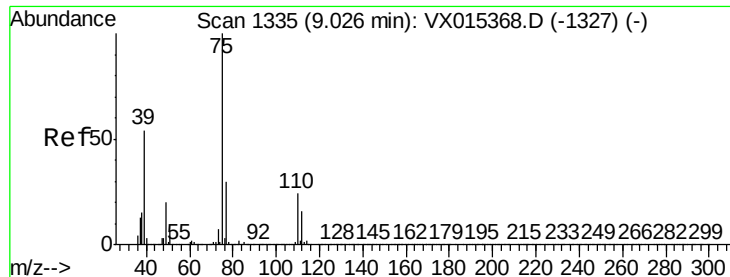
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#52
Toluene
Concen: 19.916 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 92 Resp: 587572
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.662 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion: 75 Resp: 400489

Ion Ratio Lower Upper

75 100

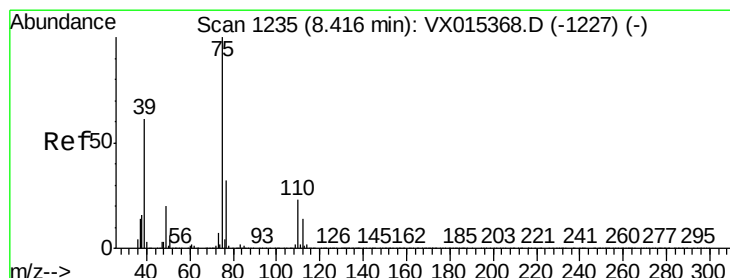
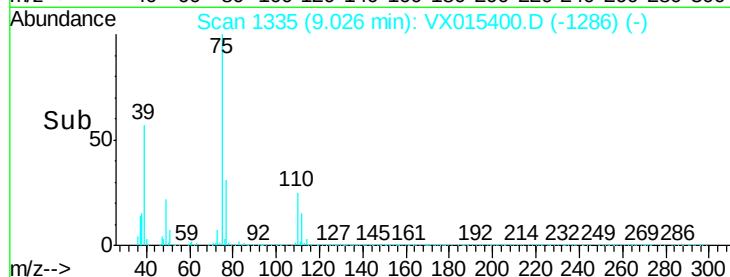
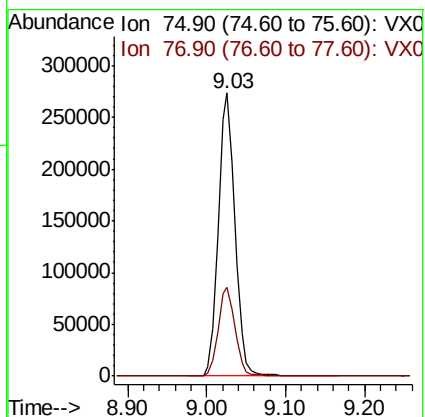
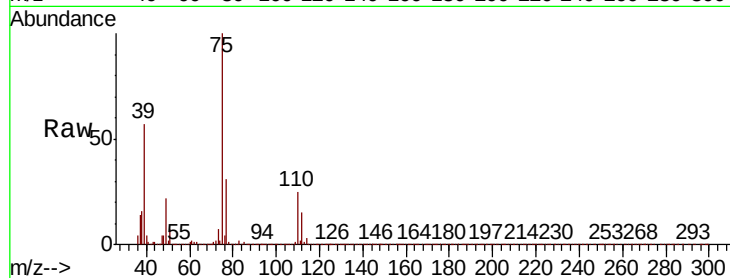
77 31.1 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 19.102 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

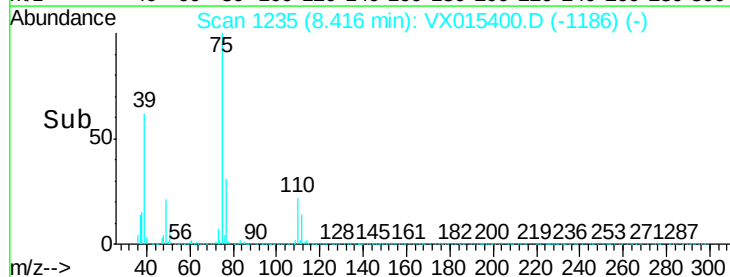
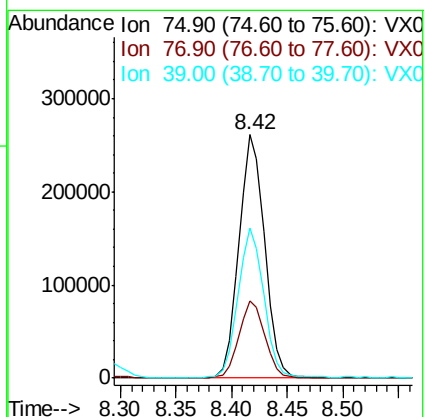
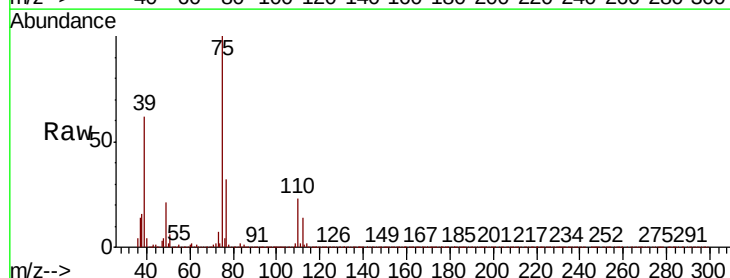
Tgt Ion: 75 Resp: 417563

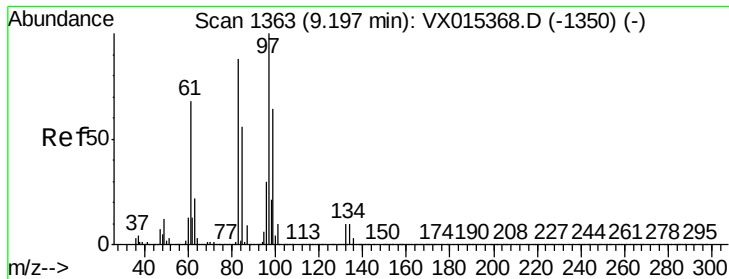
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 61.6 49.0 73.4





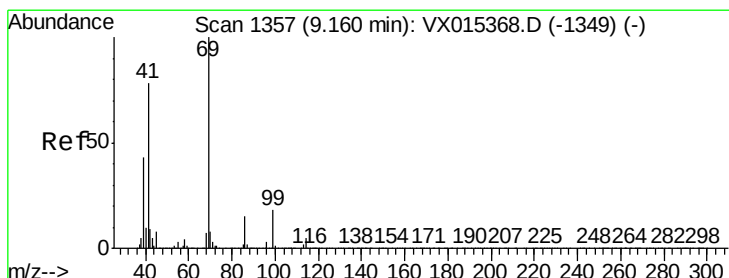
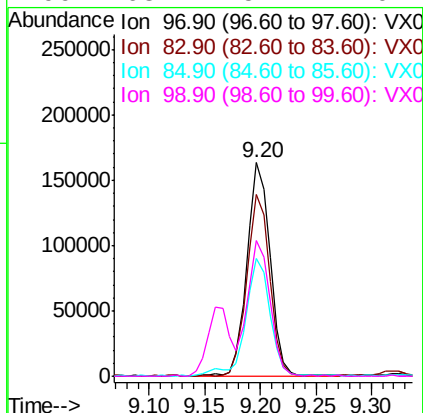
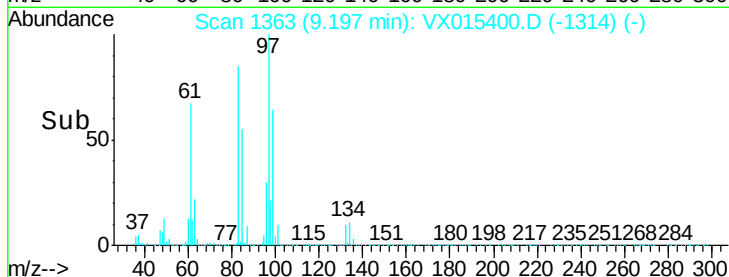
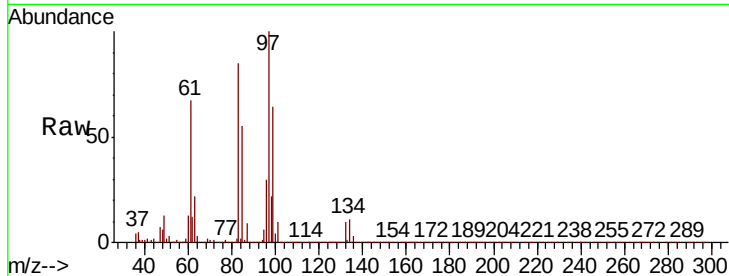
#55
 1,1,2-Trichloroethane
 Concen: 19.413 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		234656		
83	85.2	70.2	105.4		
85	55.1	44.7	67.1		
99	63.7	51.1	76.7		

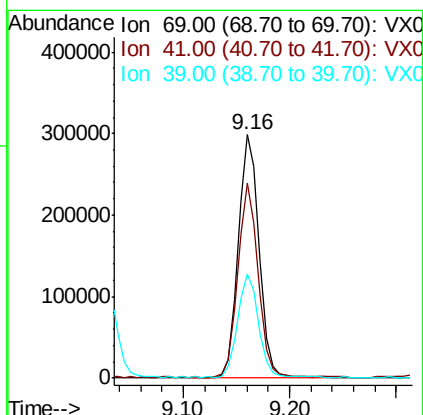
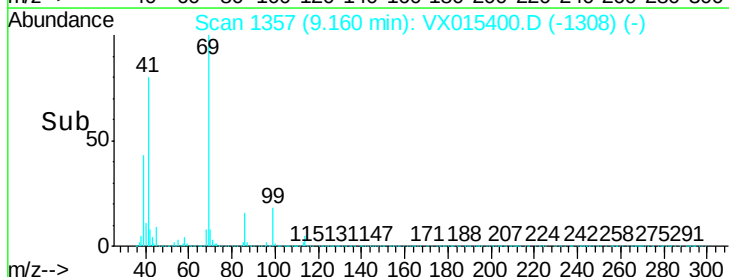
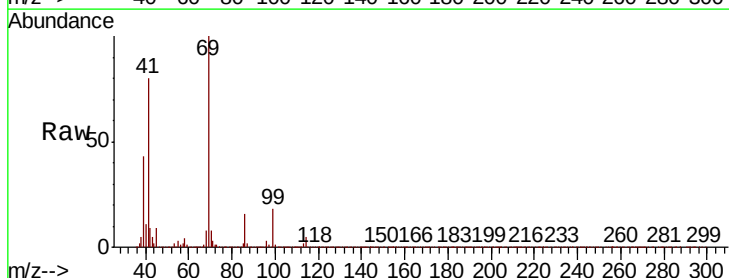
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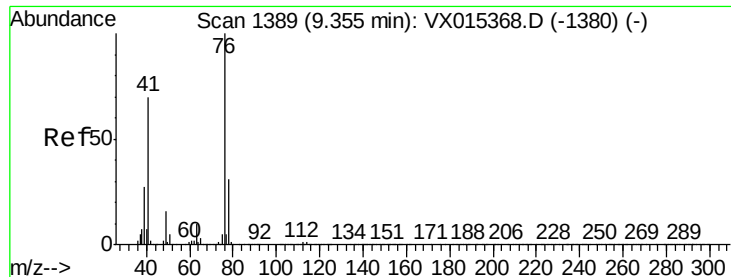
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#56
 Ethyl methacrylate
 Concen: 19.188 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		408742		
41	77.6	61.6	92.4		
39	42.8	34.0	51.0		





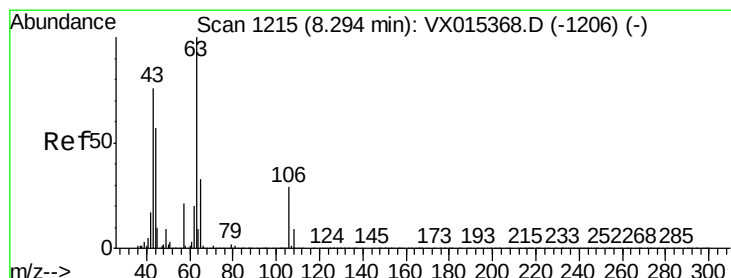
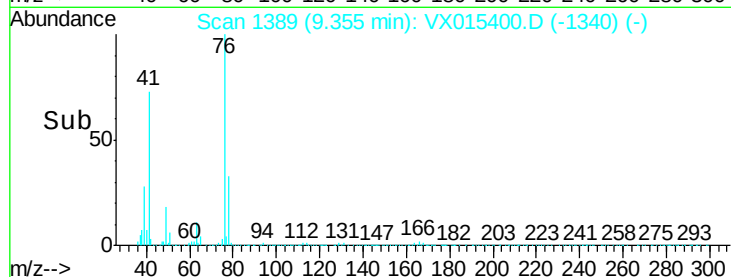
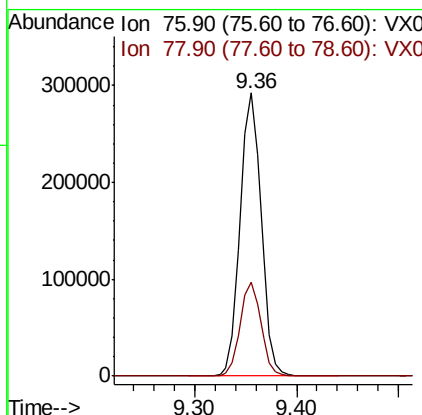
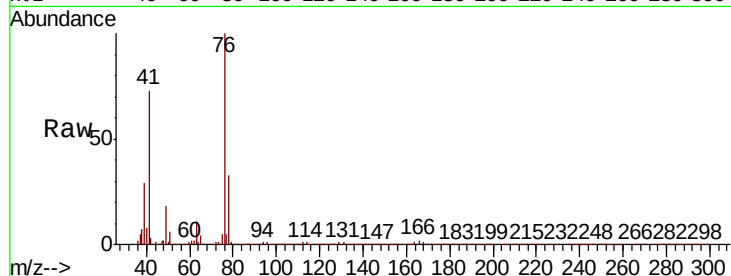
#57
 1,3-Dichloropropane
 Concen: 19.219 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

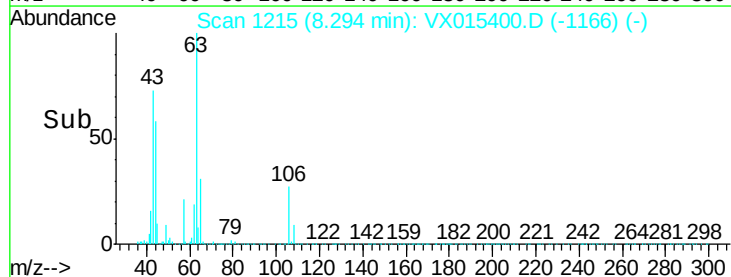
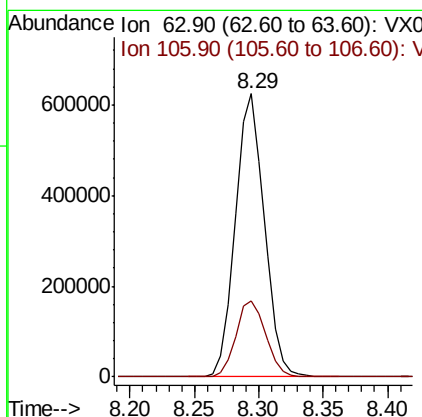
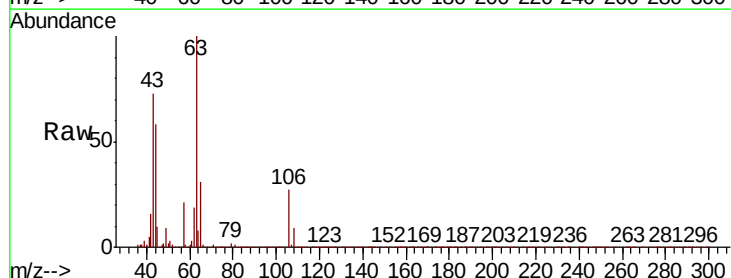
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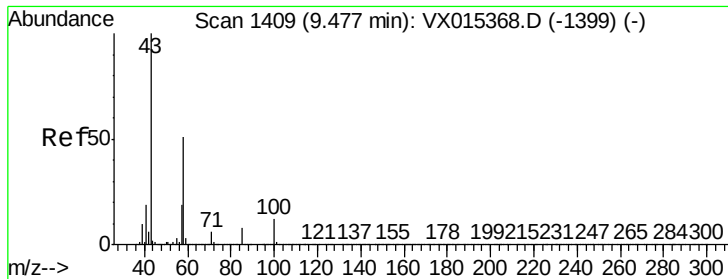
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.101 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.7	34.1





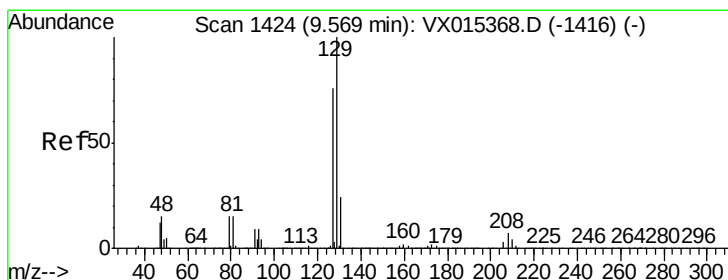
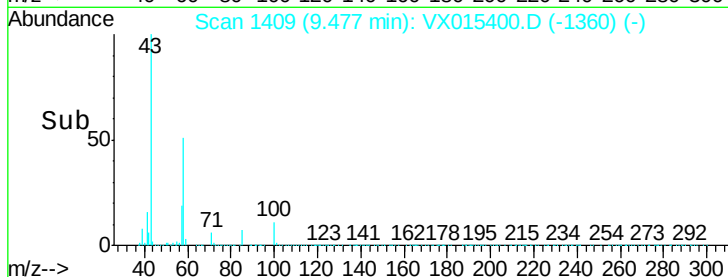
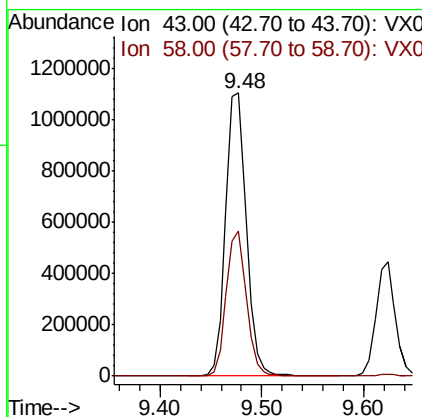
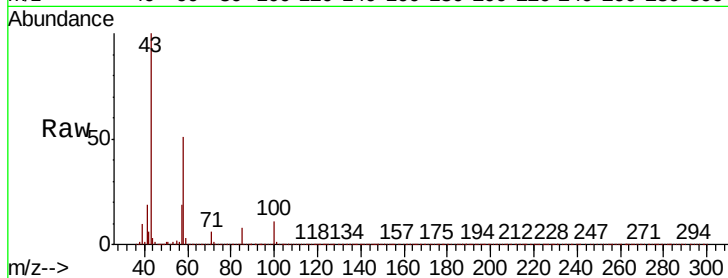
#59
2-Hexanone
Concen: 100.865 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion: 43 Resp: 1549630
Ion Ratio Lower Upper
43 100
58 50.0 25.6 76.6

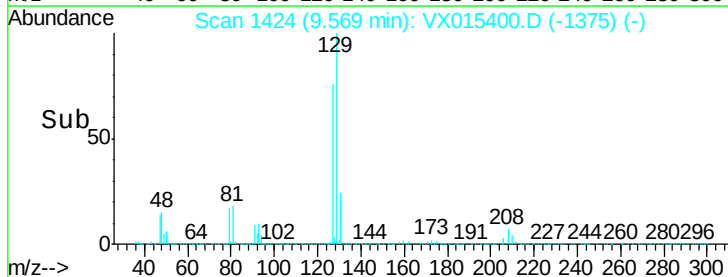
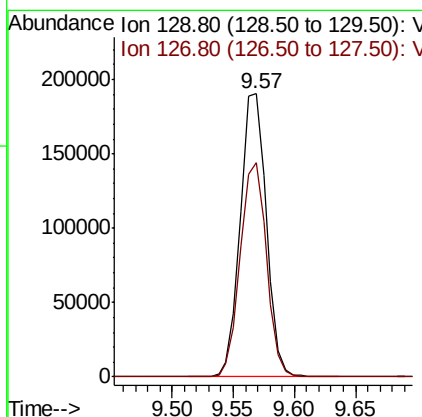
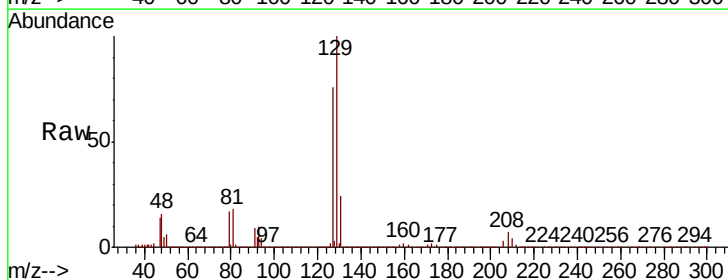
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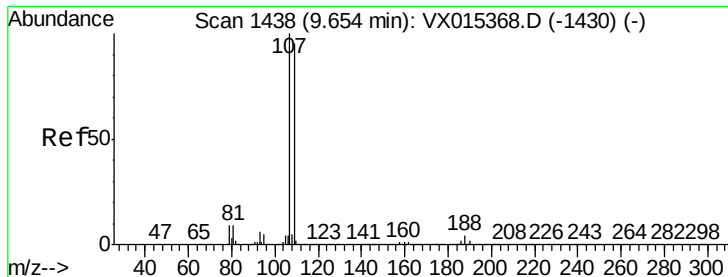
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#60
Dibromochloromethane
Concen: 19.351 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 129 Resp: 281062
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.573 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion: 107 Resp: 257254

Ion Ratio Lower Upper

107 100

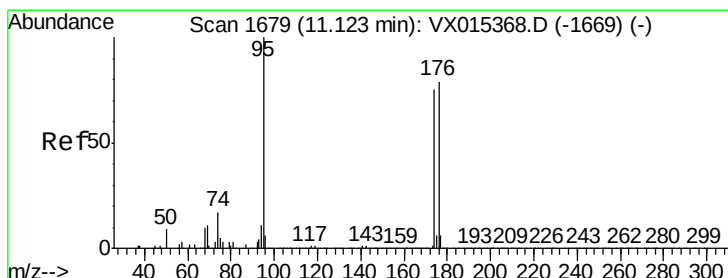
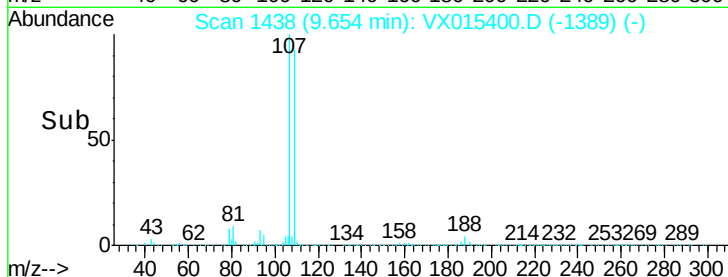
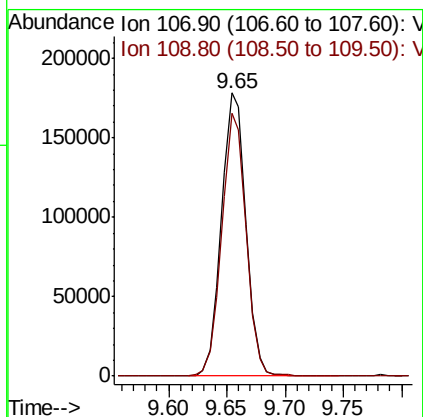
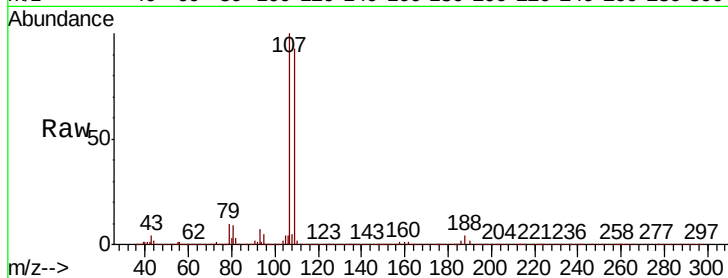
109 92.1 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 46.647 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

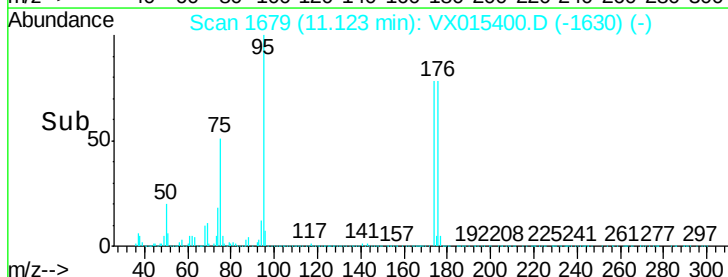
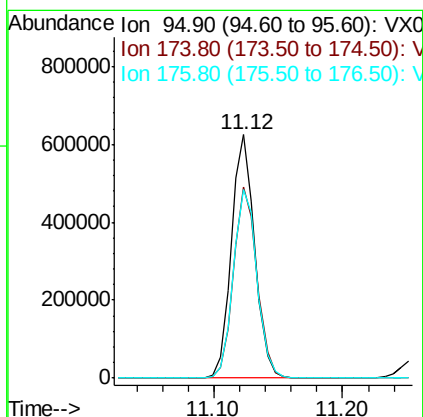
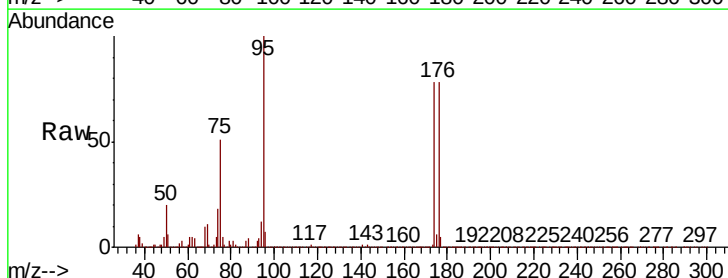
Tgt Ion: 95 Resp: 791037

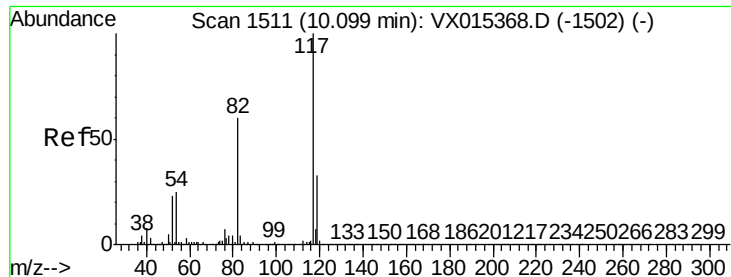
Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.6

176 78.6 0.0 159.0





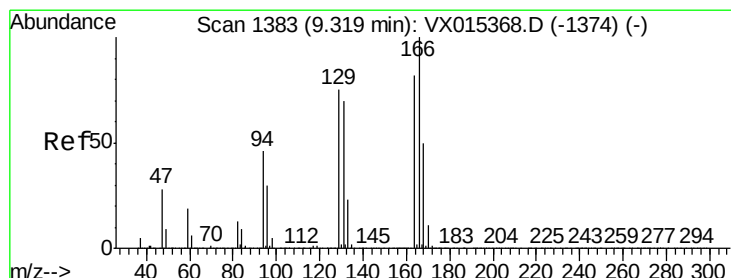
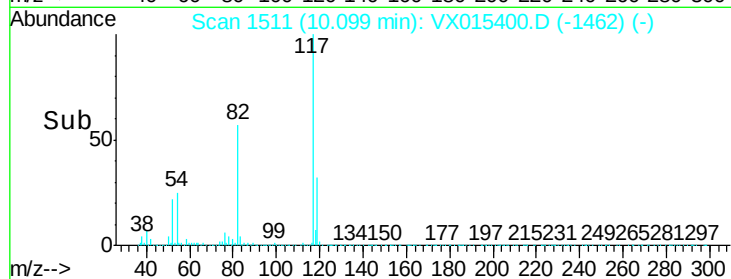
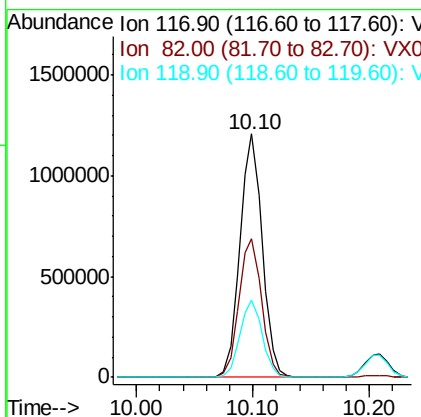
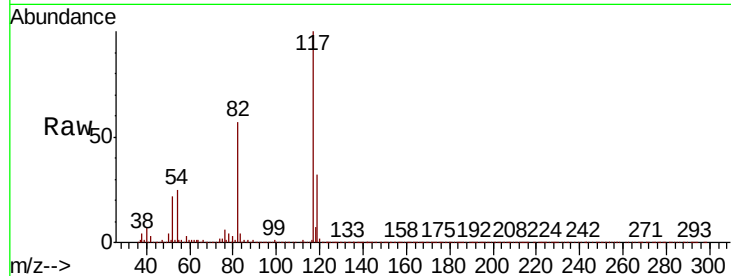
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.8	71.8
119	31.7	26.8	40.2

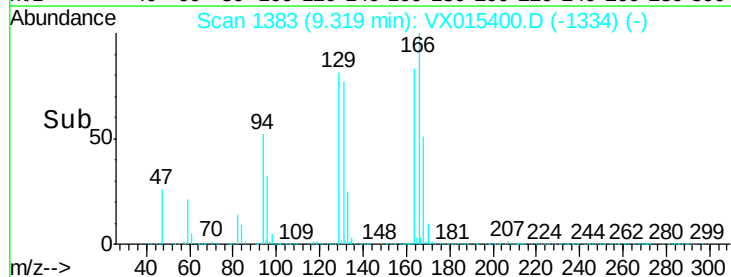
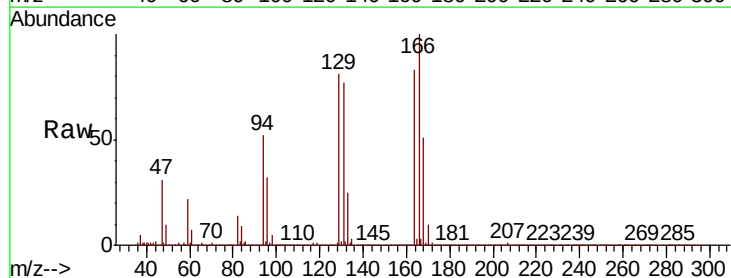
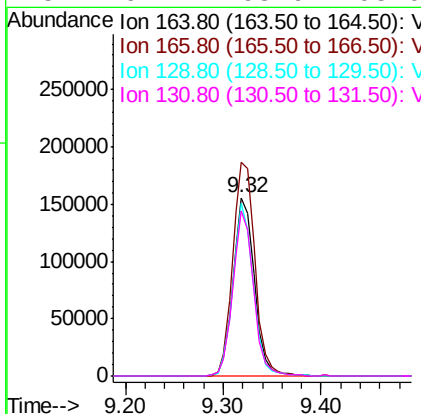
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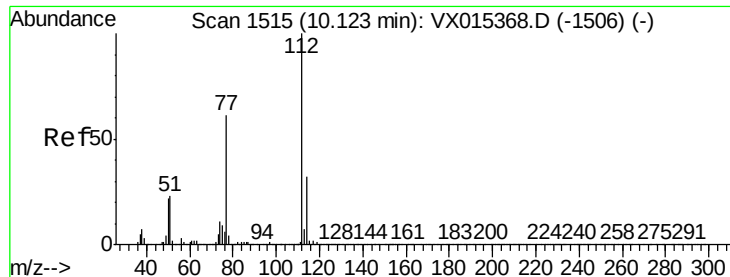
apatel
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#64
Tetrachloroethene
Concen: 19.196 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.8	97.8	146.6
129	96.9	73.0	109.4
131	92.4	68.6	103.0





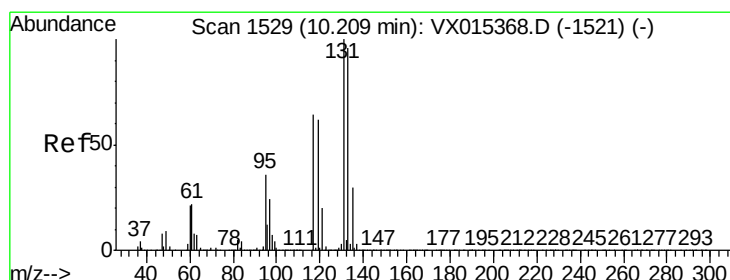
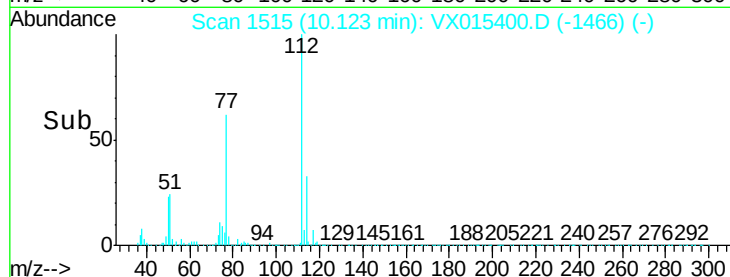
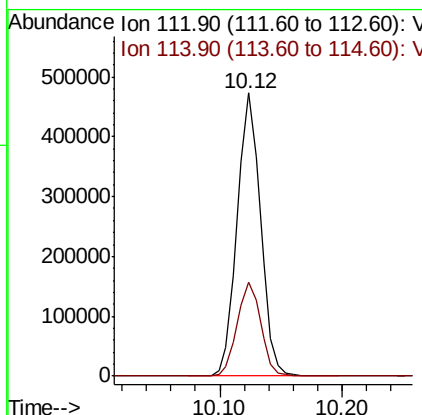
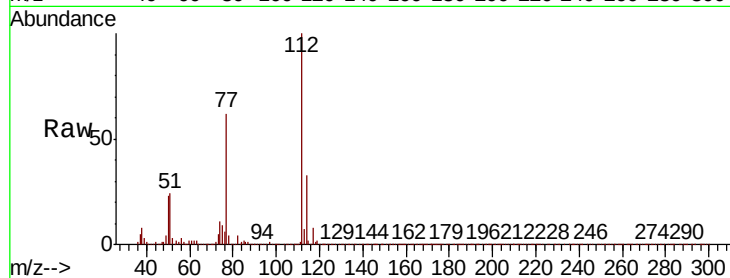
#65
Chlorobenzene
Concen: 19.315 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.5	38.3

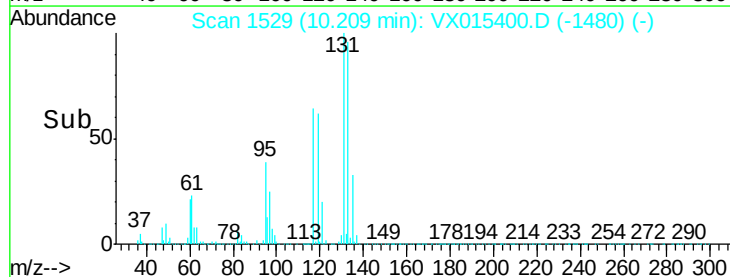
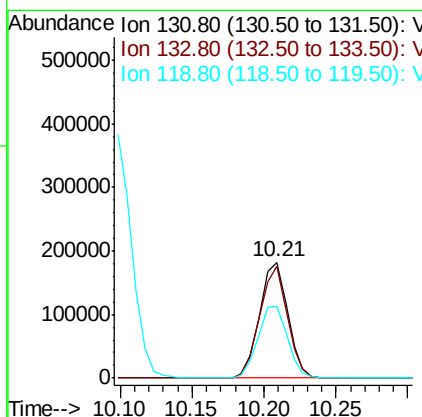
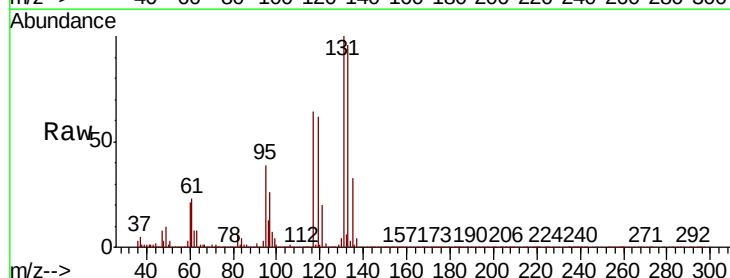
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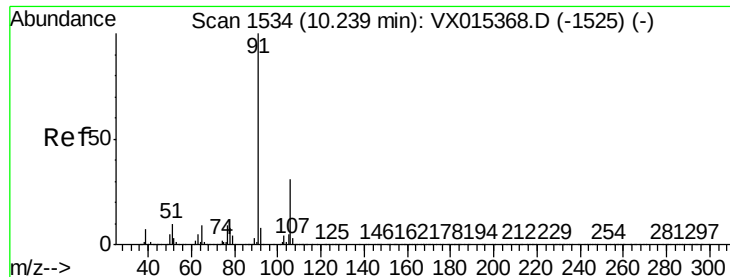
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.166 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.6	142.9
119	64.3	31.1	93.3





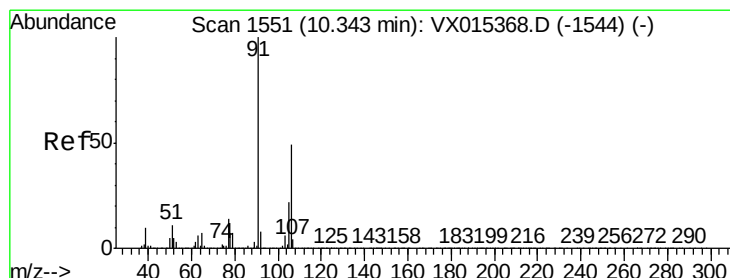
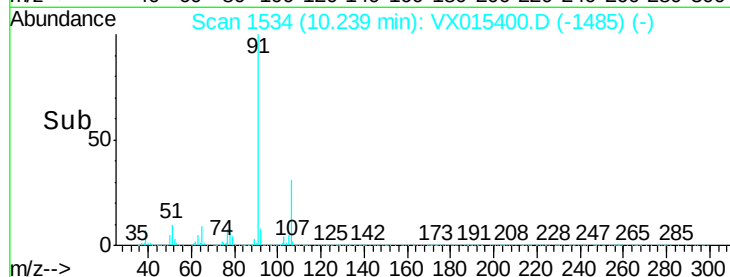
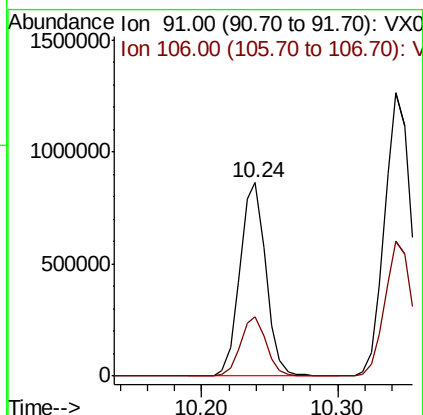
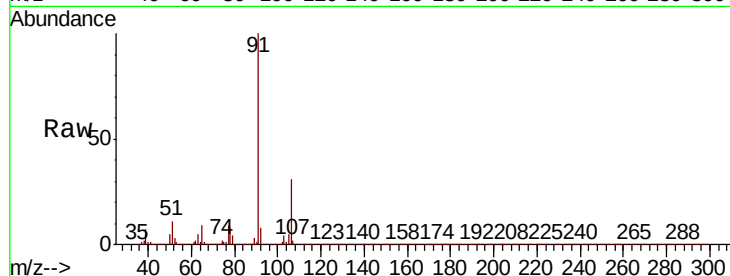
#67
Ethyl Benzene
Concen: 20.104 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampled :
VX0327WBS02

Tot Ion: 91 Resp: 1149939
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2

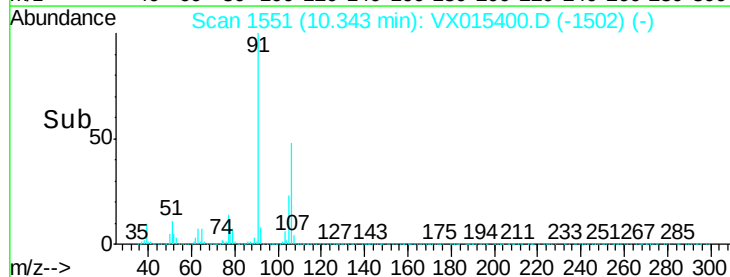
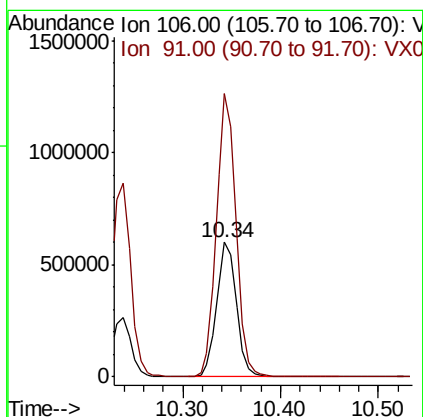
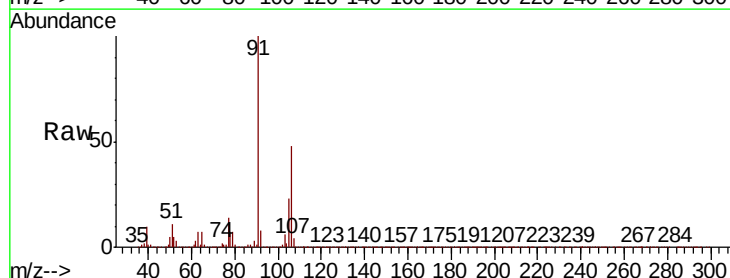
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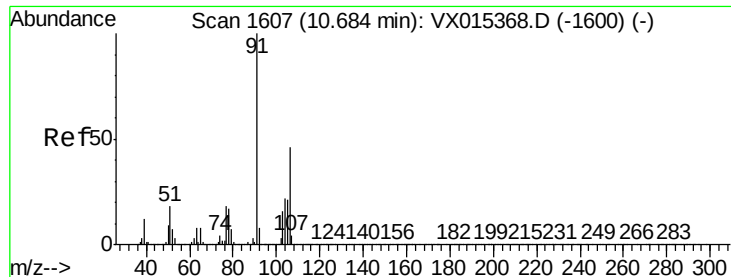
apatel
3/30/2020 3:00:12 PM



#68
m/p-Xylenes
Concen: 39.589 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 106 Resp: 843246
Ion Ratio Lower Upper
106 100
91 207.7 163.4 245.0





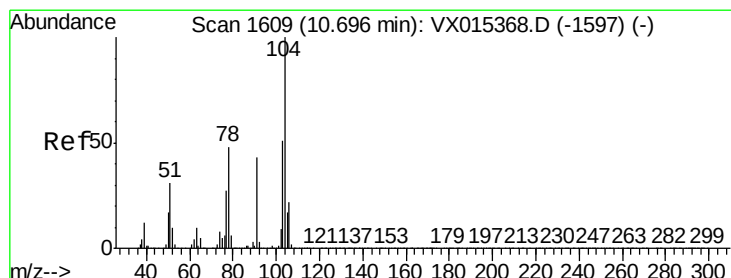
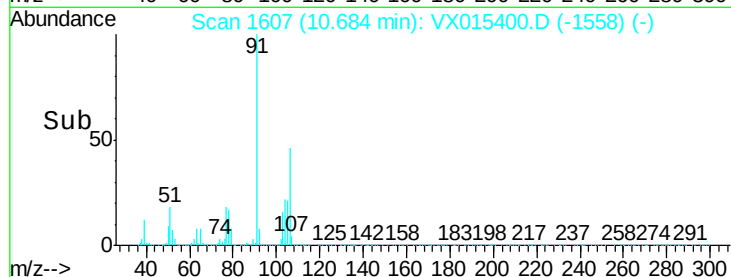
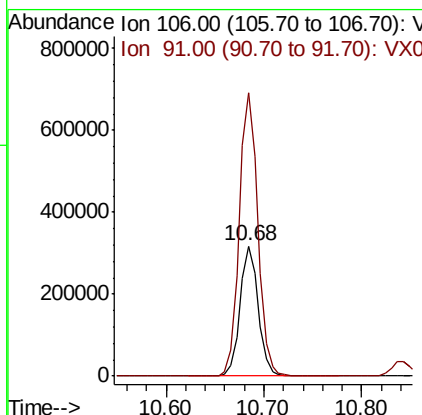
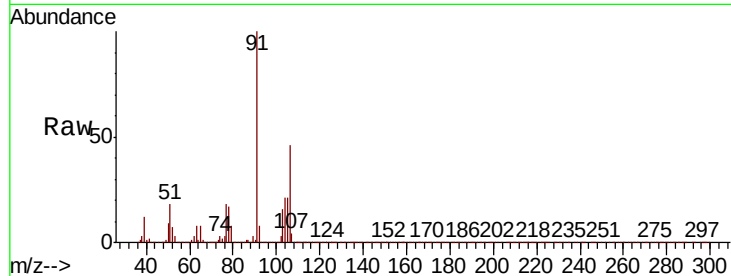
#69
o-Xylene
Concen: 19.355 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampled :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.2	107.1	321.3

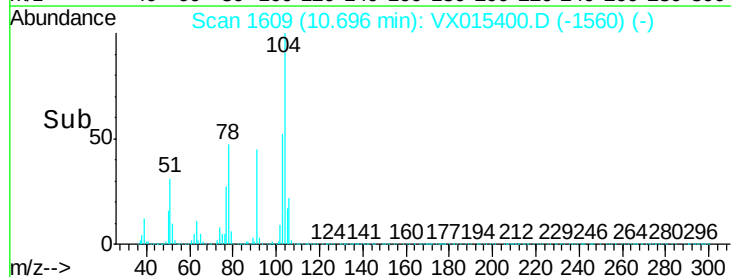
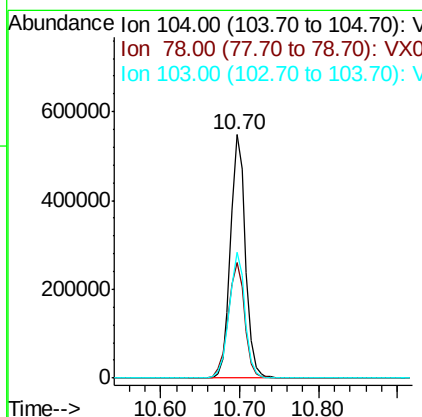
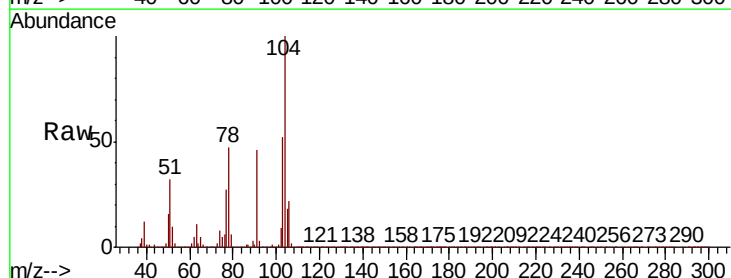
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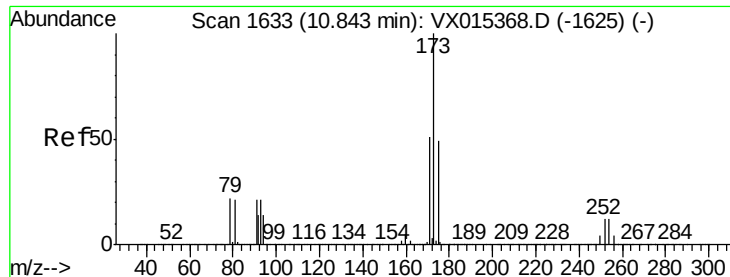
apatel
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#70
Styrene
Concen: 19.514 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.0	63.0
103	54.4	43.4	65.0





#71

Bromoform

Concen: 18.421 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion:173 Resp: 216070

Ion Ratio Lower Upper

173 100

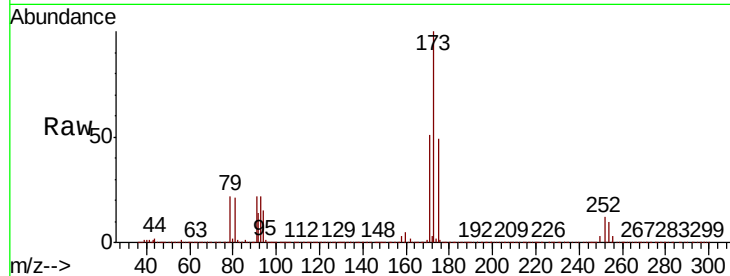
175 49.5 23.9 71.7

254 0.3 0.1 0.1#

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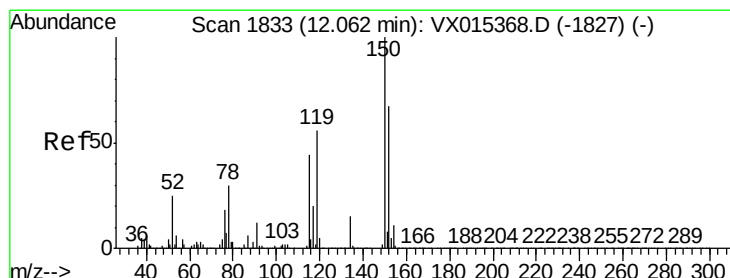
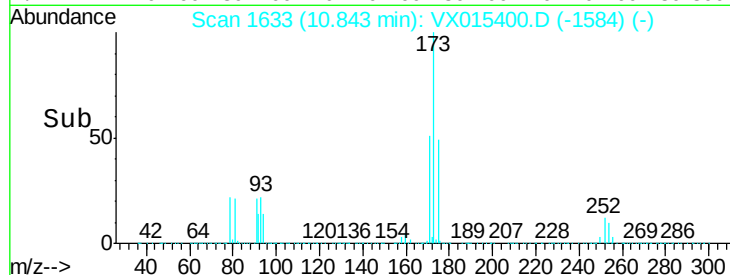
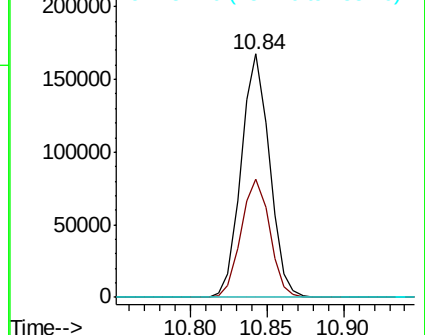
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX015400.D

Acq: 27 Mar 2020 23:46

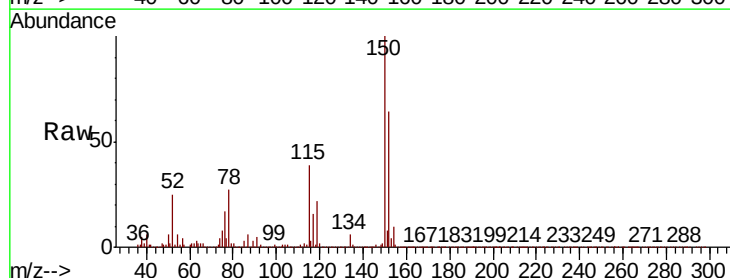
Tgt Ion:152 Resp: 825213

Ion Ratio Lower Upper

152 100

115 67.8 39.0 116.9

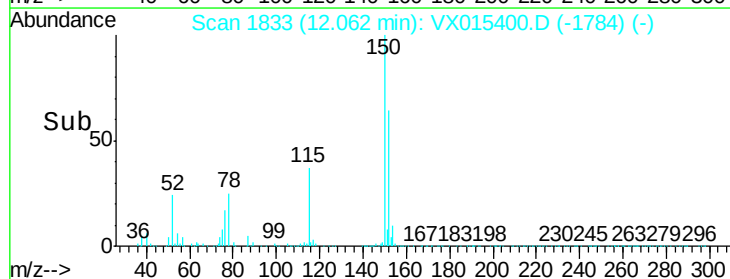
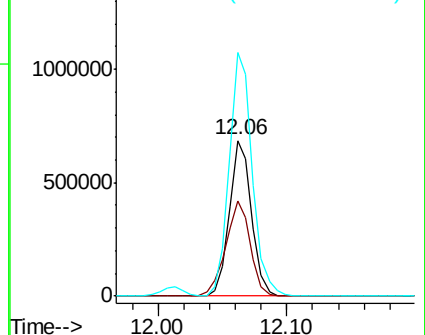
150 163.9 0.0 340.8

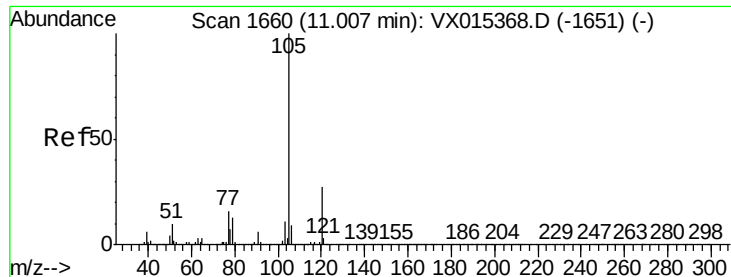


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





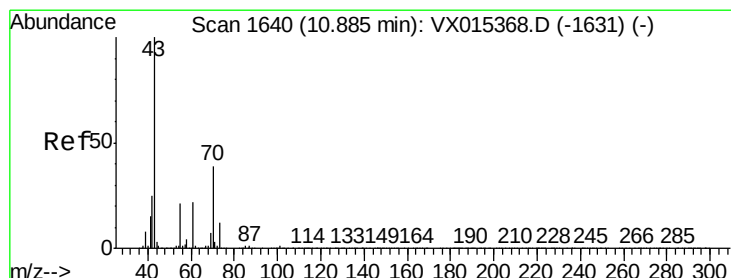
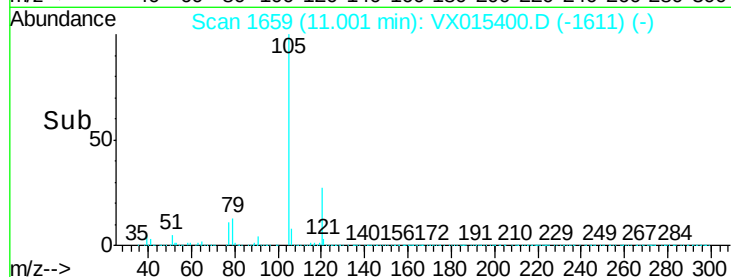
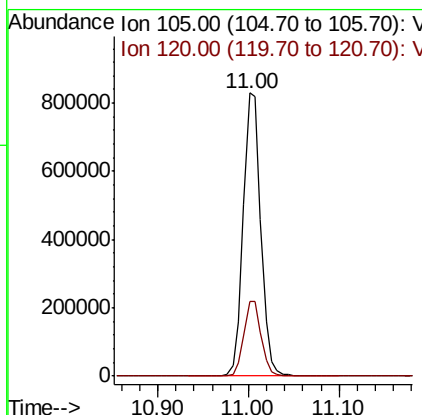
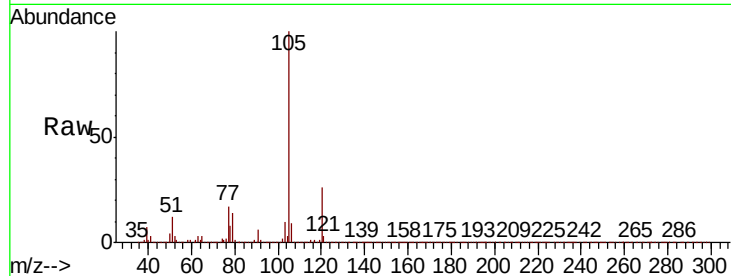
#73
Isopropylbenzene
Concen: 20.566 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion: 105 Resp: 1111987
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

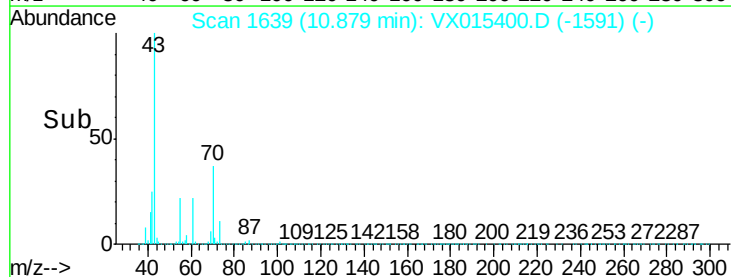
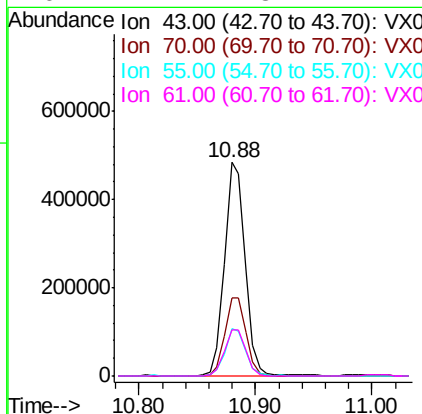
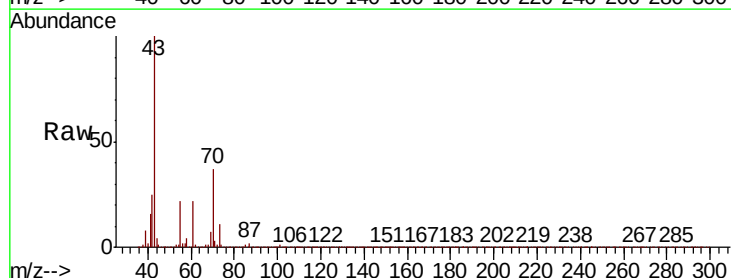
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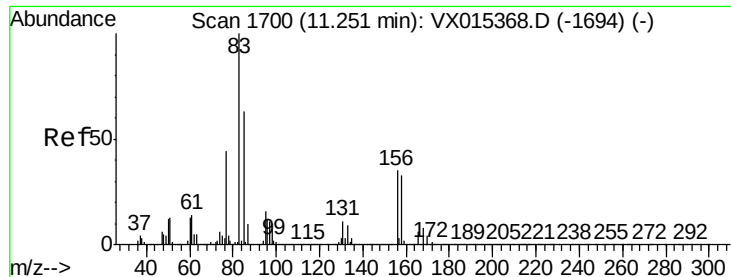
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#74
N-ethyl acetate
Concen: 19.466 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 43 Resp: 585403
Ion Ratio Lower Upper
43 100
70 37.8 30.2 45.4
55 21.9 16.8 25.2
61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.702 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

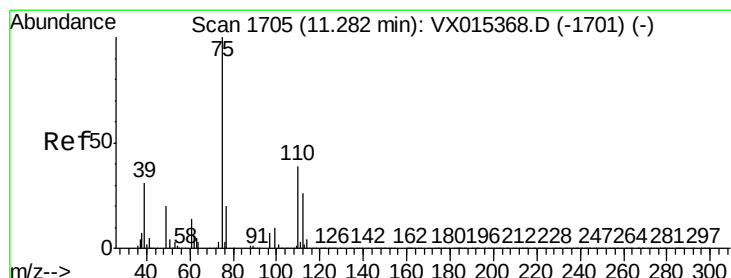
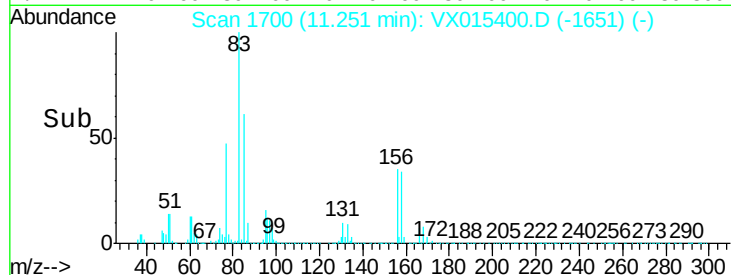
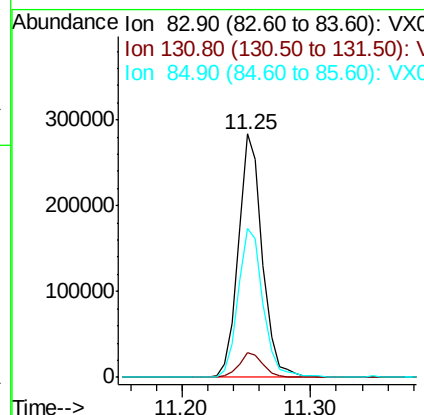
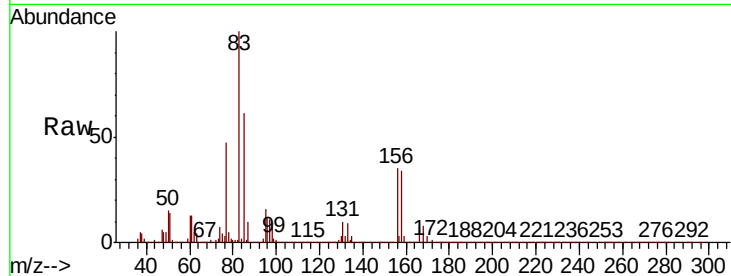
ClientSampleId :

VX0327WBS02

Tot Ion:	83	Resp:	365535
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	16.1
85	63.4	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 20.001 ug/l m

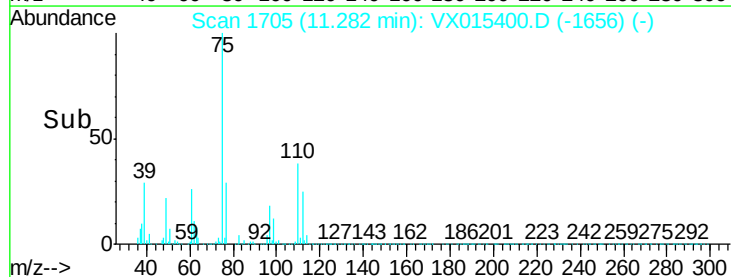
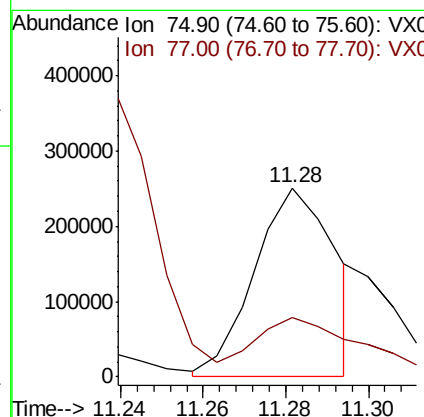
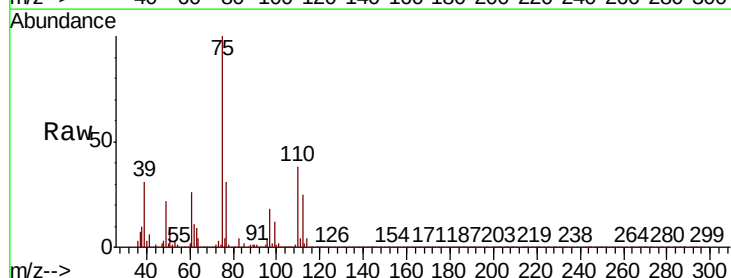
RT: 11.28 min Scan# 1705

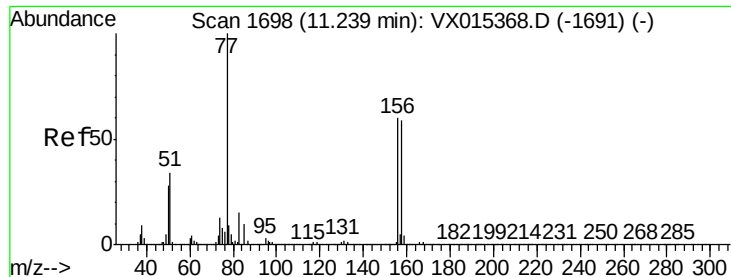
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	75	Resp:	339411
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.2	63.6





#77

Bromobenzene

Concen: 19.475 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

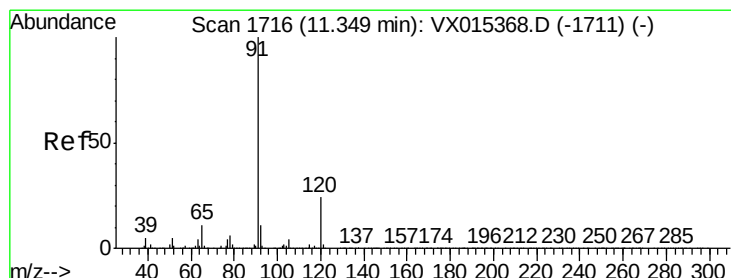
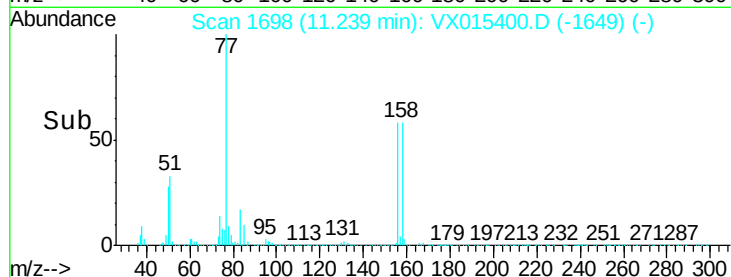
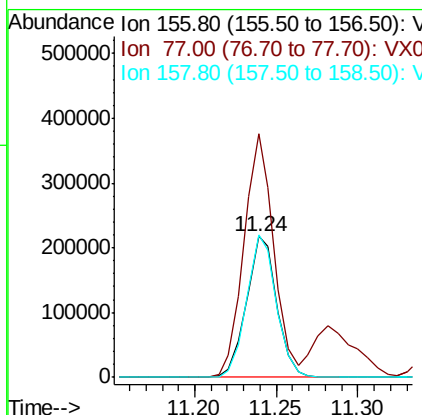
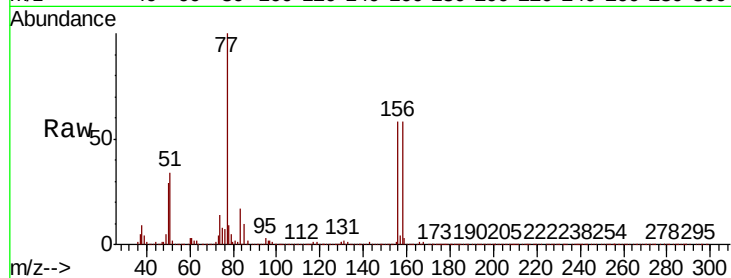
ClientSampled :

VX0327WBS02

Tot Ion:	156	Resp:	280872
Ion Ratio	Lower	Upper	
156	100		
77	170.6	82.2	246.5
158	98.8	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 20.696 ug/l

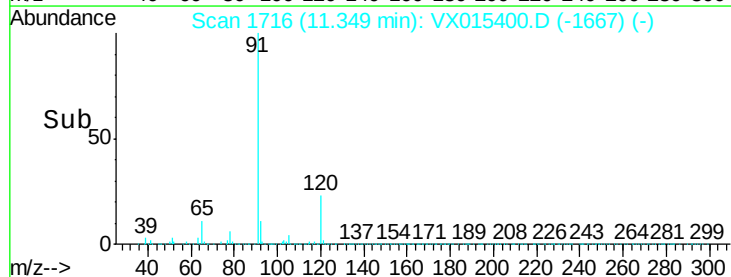
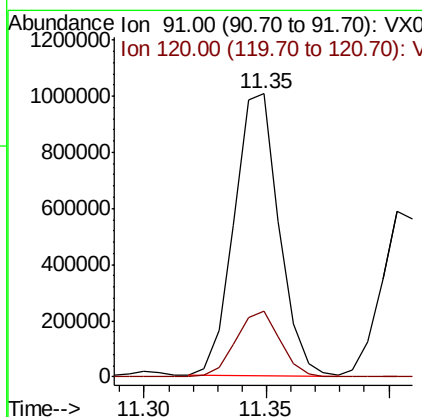
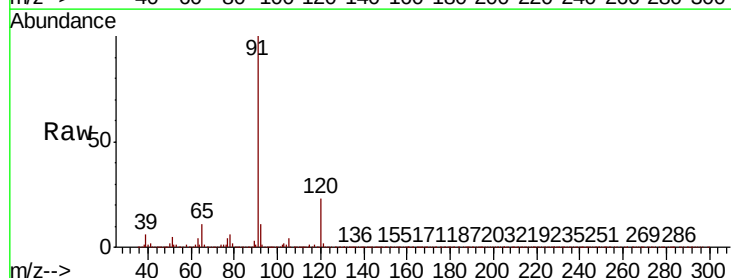
RT: 11.35 min Scan# 1716

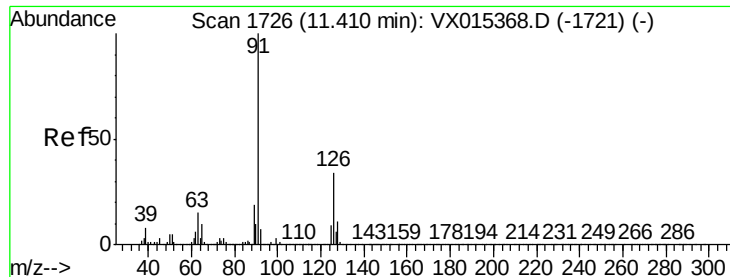
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	91	Resp:	1279562
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





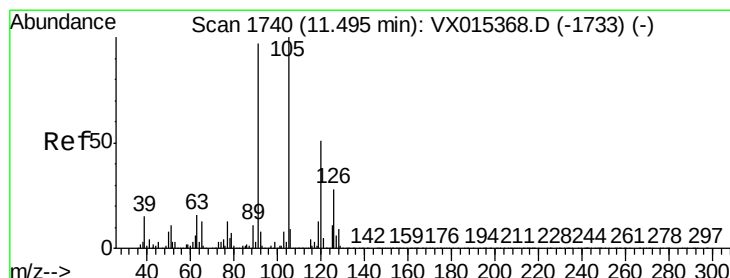
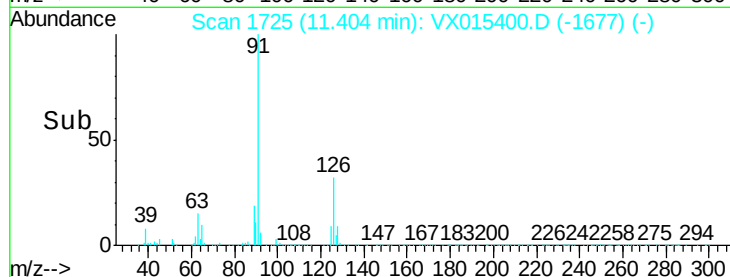
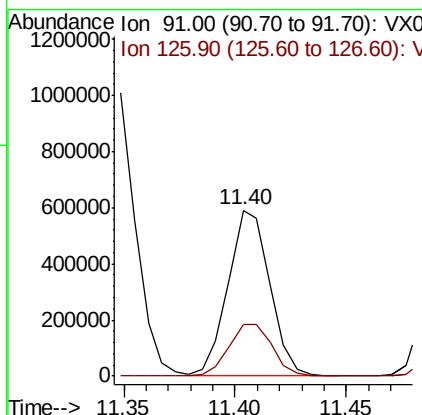
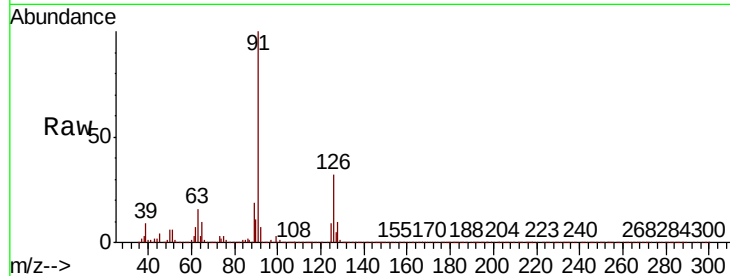
#79
2-Chlorotoluene
Concen: 20.152 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5

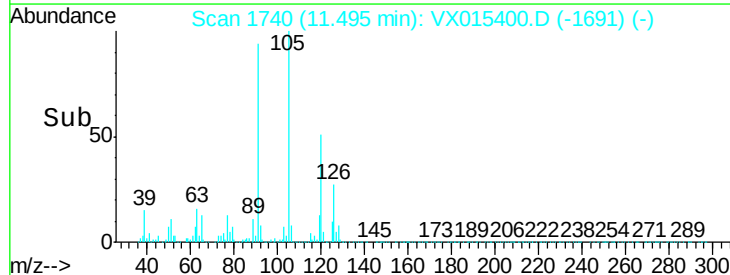
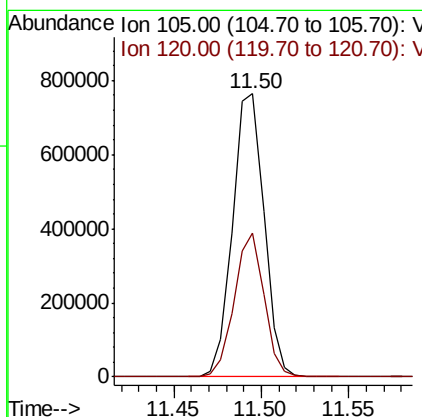
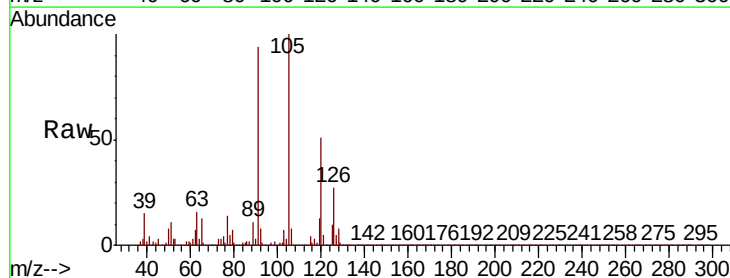
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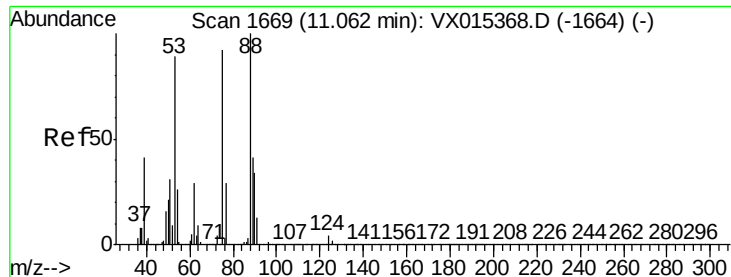
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#80
1,3,5-Trimethylbenzene
Concen: 20.816 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.8	74.4





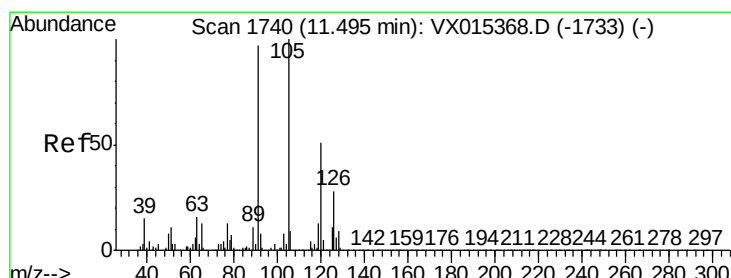
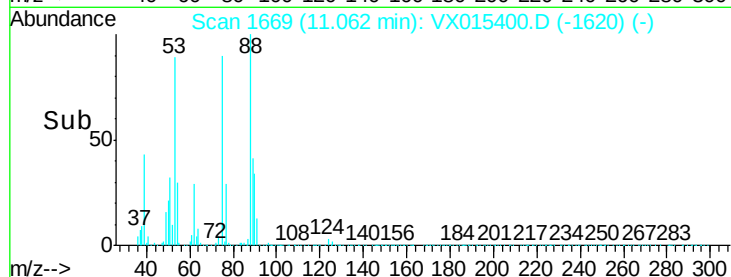
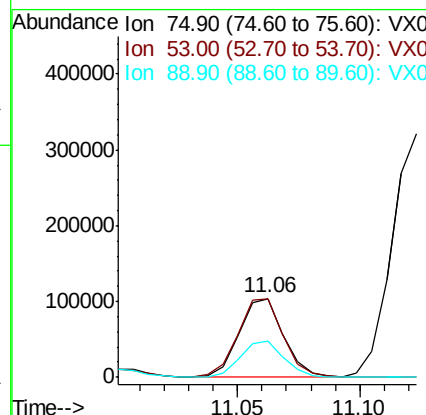
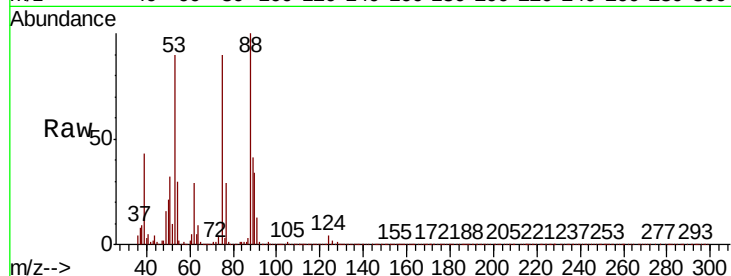
#81
trans-1,4-Dichloro-2-butene
Concen: 18.284 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.4	80.1	120.1
89	46.2	36.1	54.1

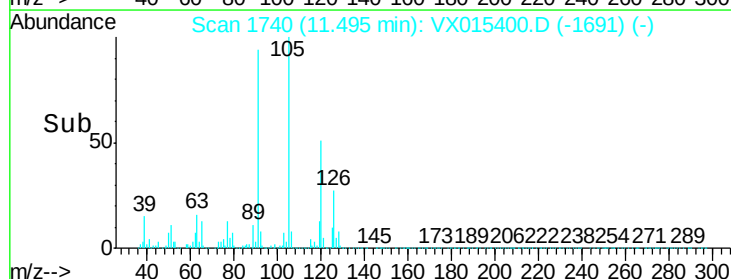
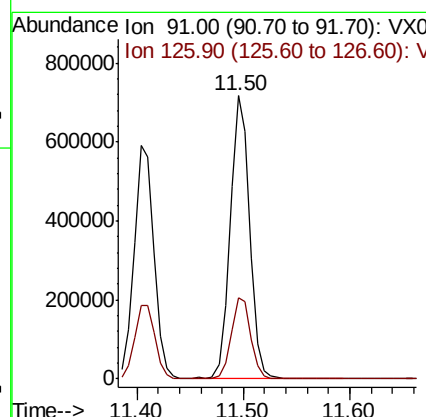
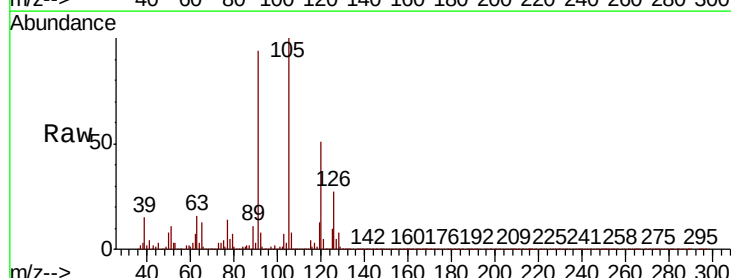
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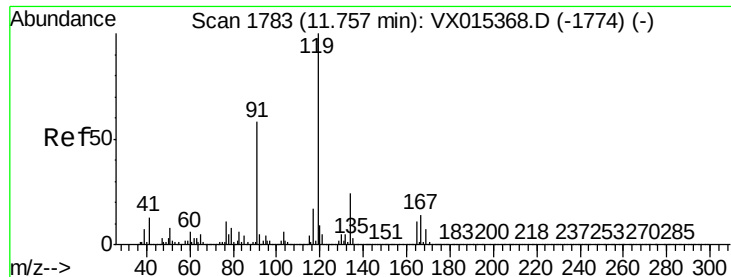
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#82
4-Chlorotoluene
Concen: 20.524 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.7	44.1





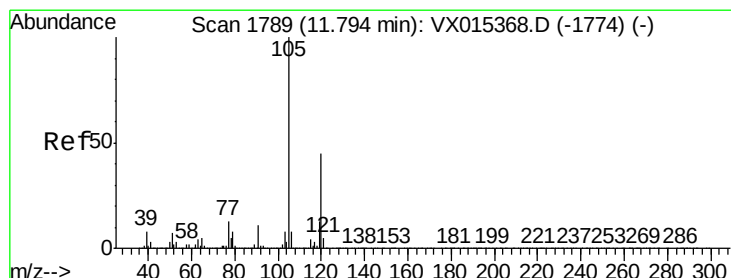
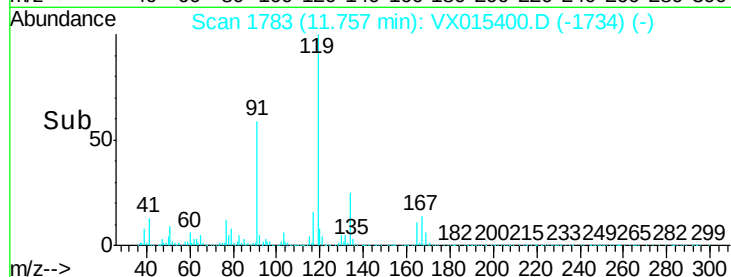
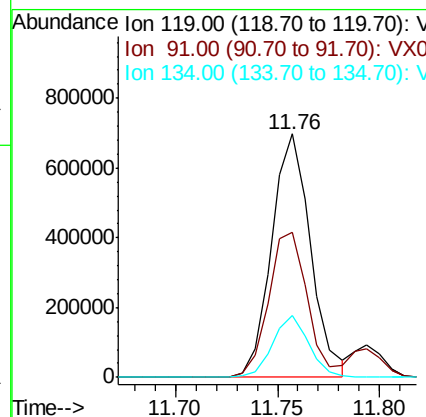
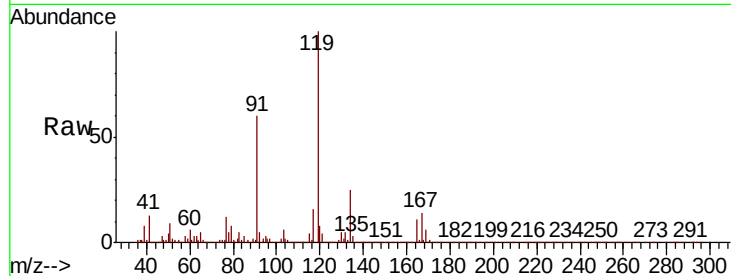
#83
tert-Butylbenzene
Concen: 20.570 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	28.6	85.8
134	23.4	11.8	35.3

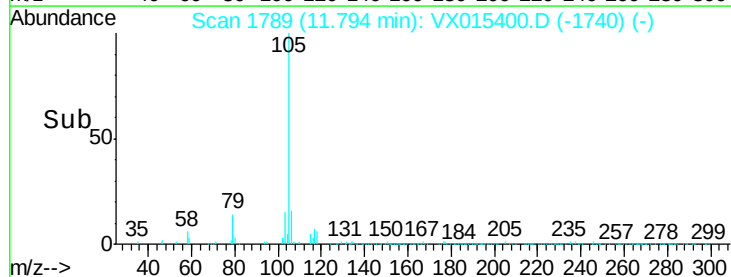
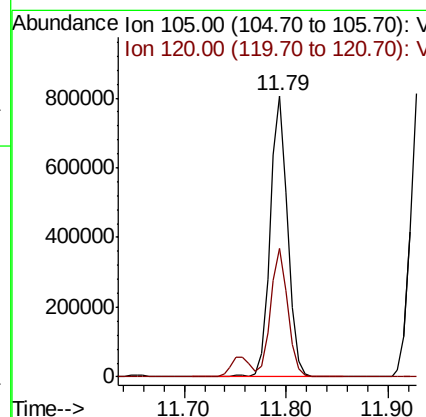
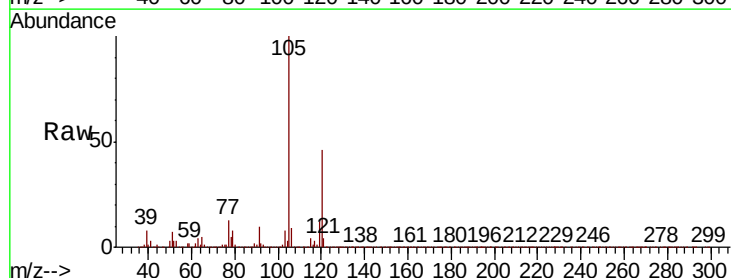
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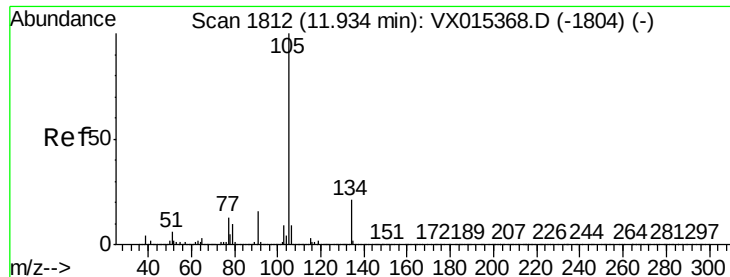
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#84
1,2,4-Trimethylbenzene
Concen: 20.216 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.469 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

Tot Ion:105 Resp: 1067773

Ion Ratio Lower Upper

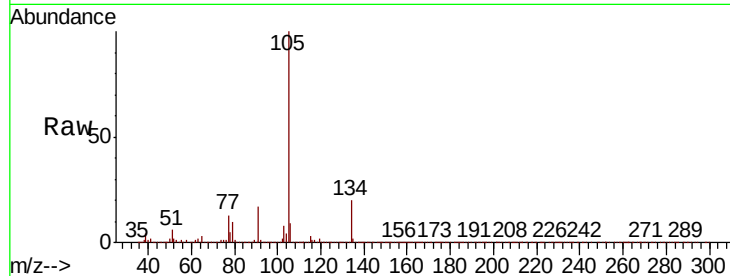
105 100

134 20.1 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

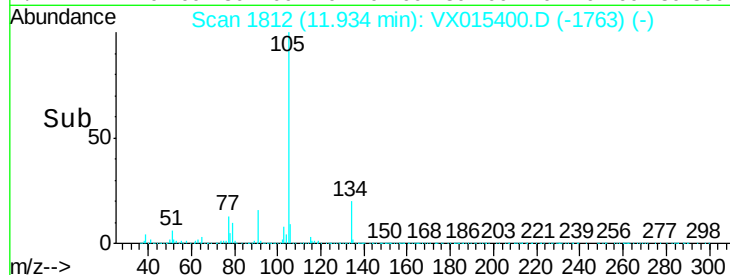
600000

400000

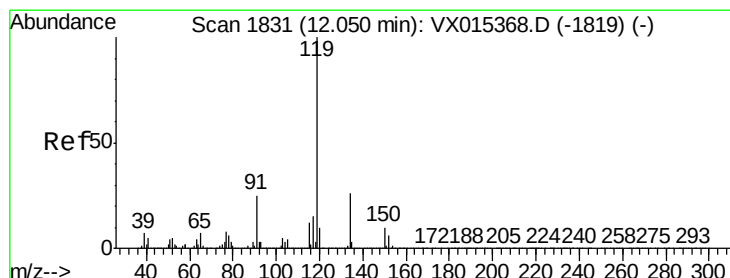
200000

0

Time-->



Time-->



#86

p-Isopropyltoluene

Concen: 20.190 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

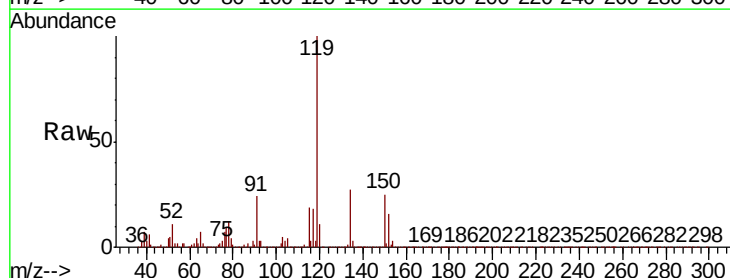
Tgt Ion:119 Resp: 977783

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 25.0 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

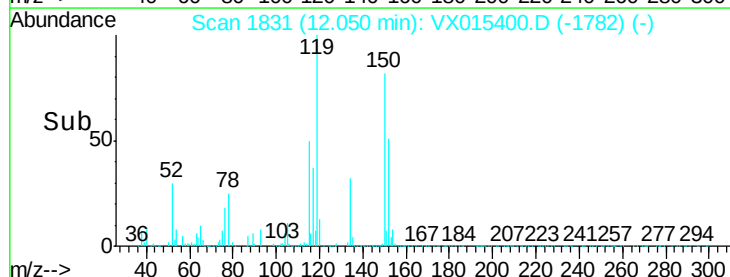
600000

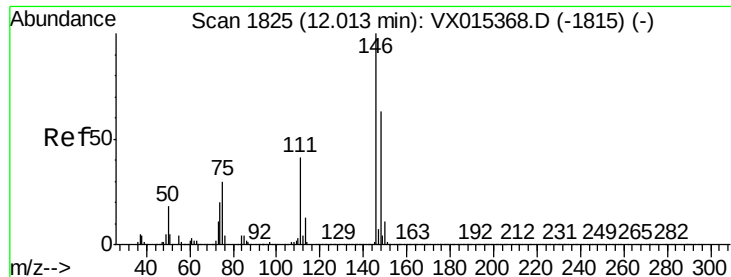
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.788 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

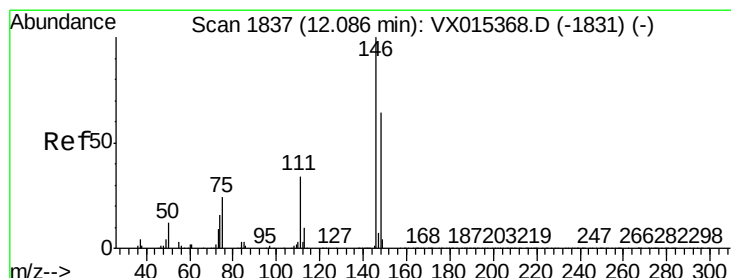
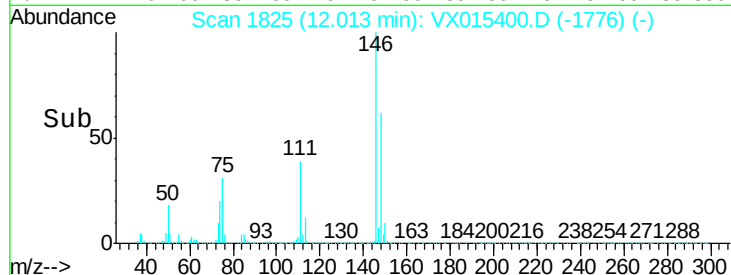
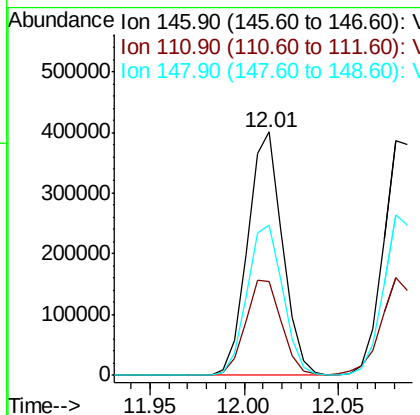
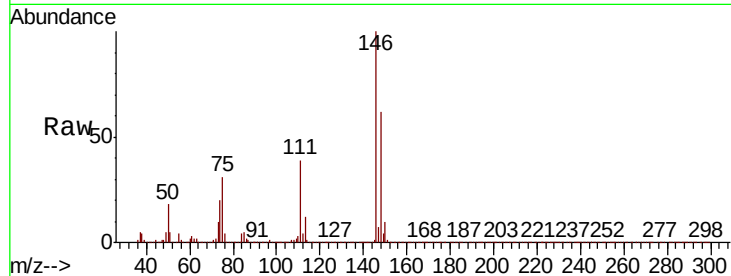
ClientSampleId :

VX0327WBS02

Tot Ion:	146	Resp:	510901
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.3	60.9
148	63.7	31.3	93.9

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#88

1,4-Dichlorobenzene

Concen: 19.041 ug/l

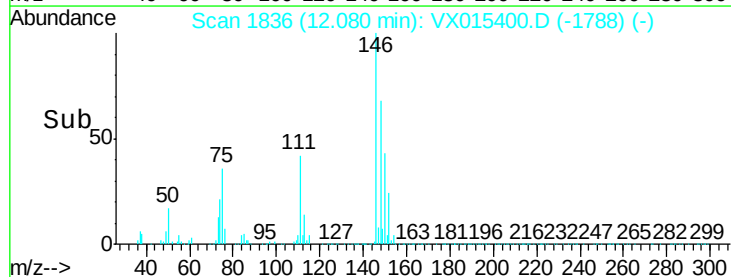
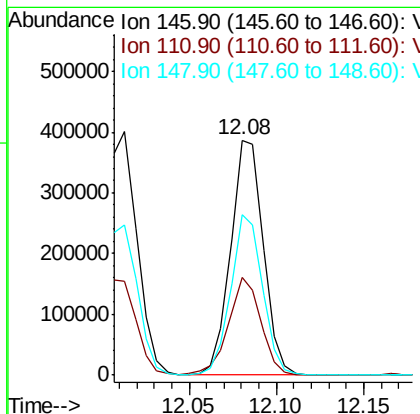
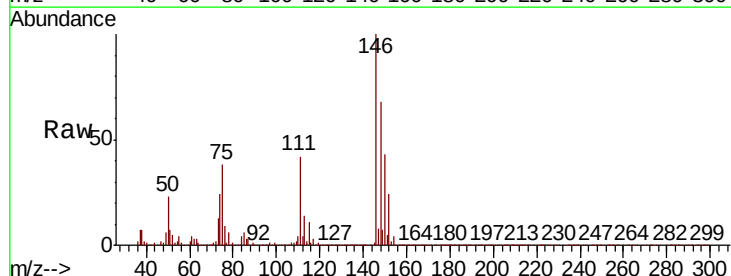
RT: 12.08 min Scan# 1836

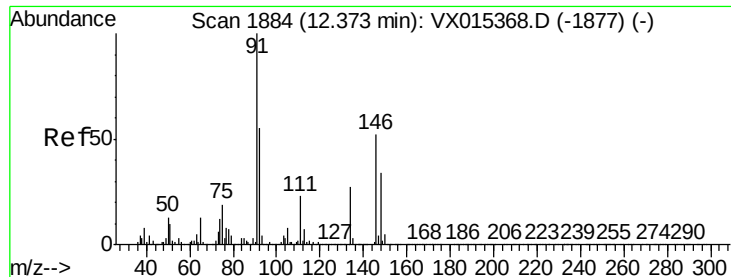
Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	146	Resp:	500772
Ion Ratio	Lower	Upper	
146	100		
111	41.3	19.1	57.5
148	66.6	32.4	97.2





#89

n-Butylbenzene

Concen: 20.321 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

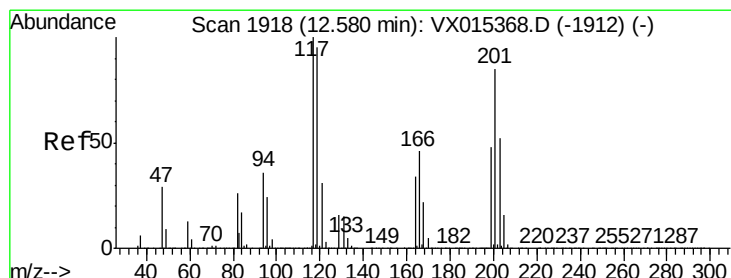
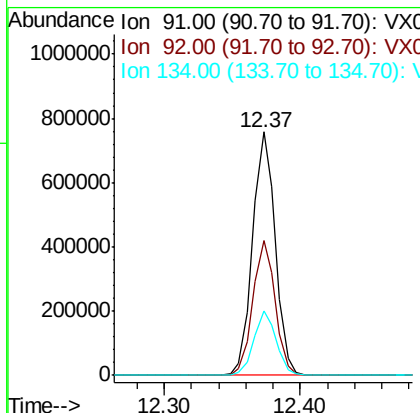
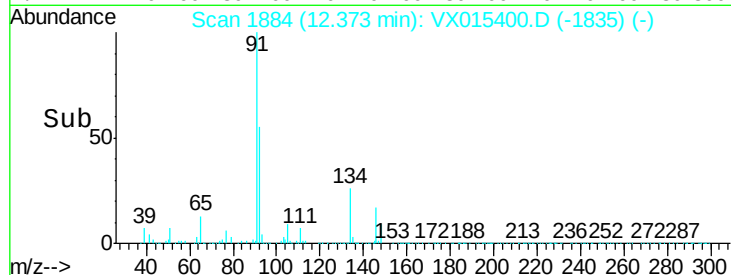
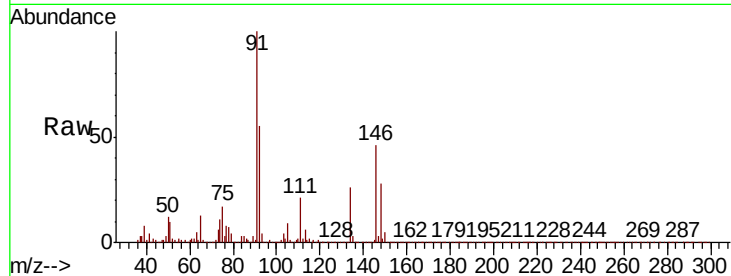
ClientSampleId :

VX0327WBS02

Tot Ion:	91	Resp:	889330
Ion Ratio	Lower	Upper	
91	100		
92	54.4	27.2	81.5
134	26.0	13.4	40.2

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#90

Hexachloroethane

Concen: 20.063 ug/l

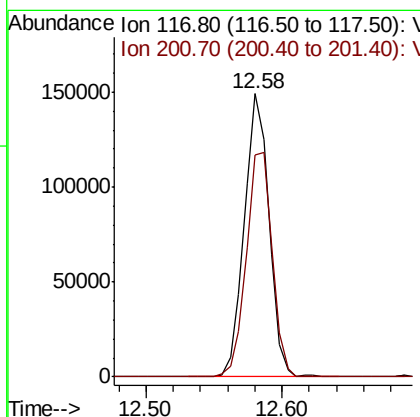
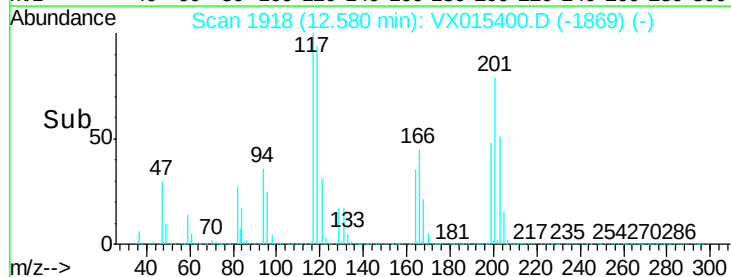
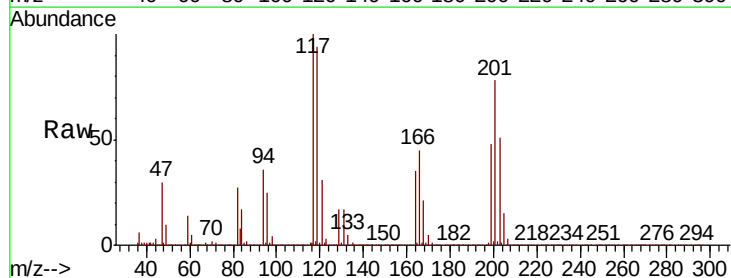
RT: 12.58 min Scan# 1918

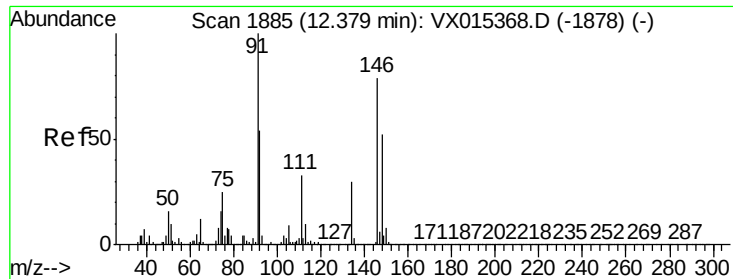
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	117	Resp:	189108
Ion Ratio	Lower	Upper	
117	100		
201	83.5	42.6	128.0





#91

1,2-Dichlorobenzene

Concen: 19.754 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

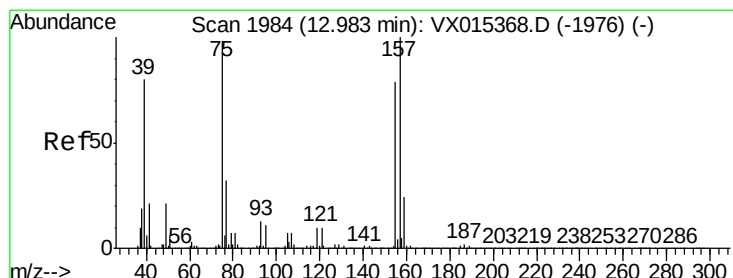
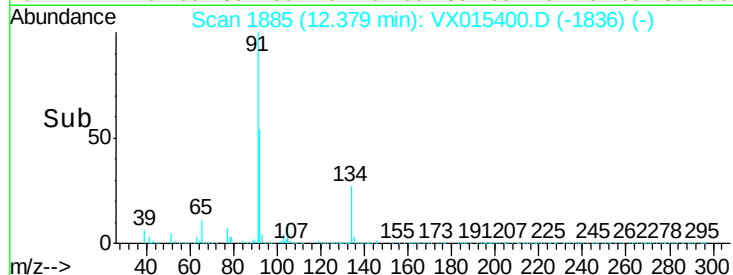
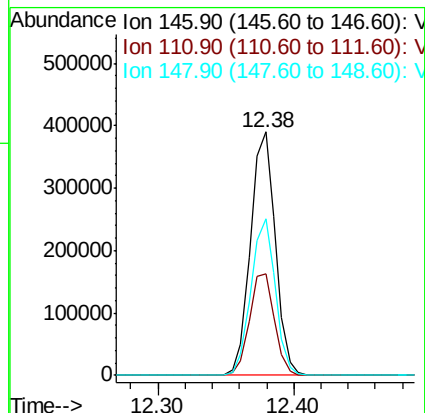
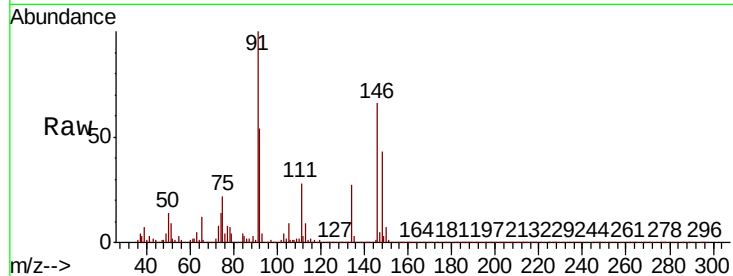
ClientSampleId :

VX0327WBS02

Tot Ion:	146	Resp:	499144
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.0	63.0
148	63.4	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.003 ug/l

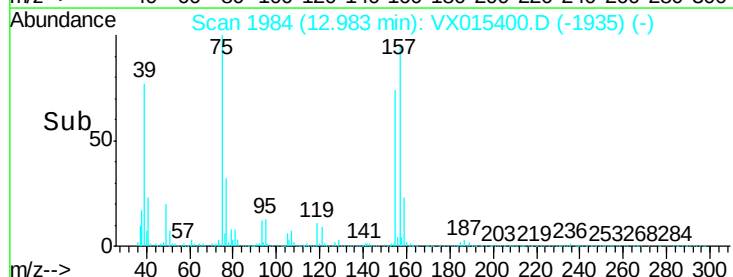
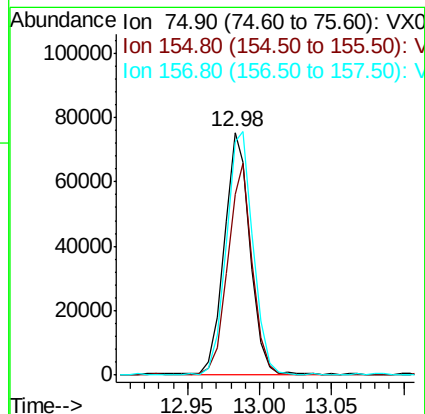
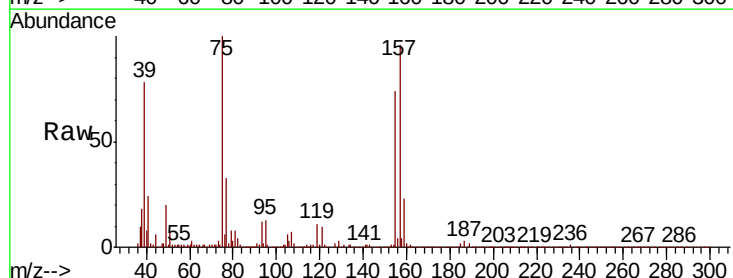
RT: 12.98 min Scan# 1984

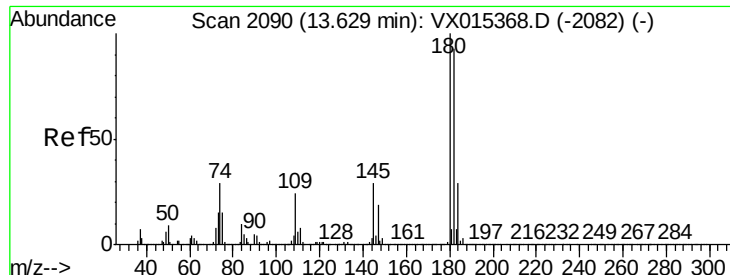
Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion:	75	Resp:	94272
Ion Ratio	Lower	Upper	
75	100		
155	82.8	42.8	128.4
157	104.1	53.4	160.3





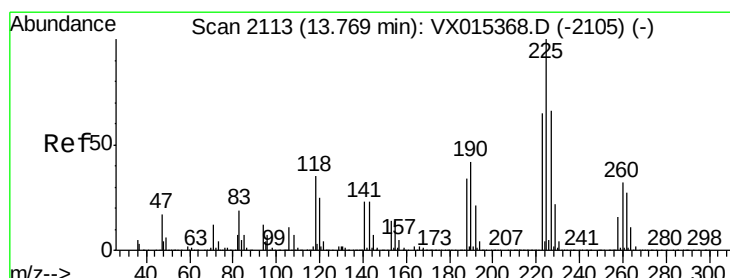
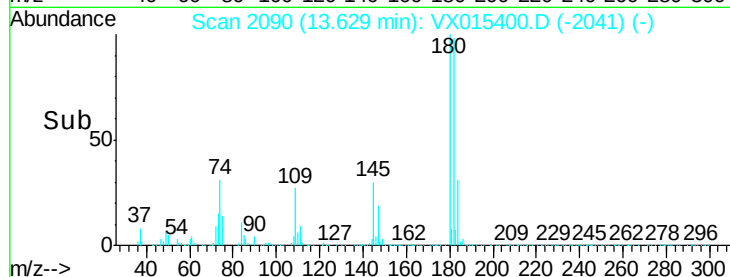
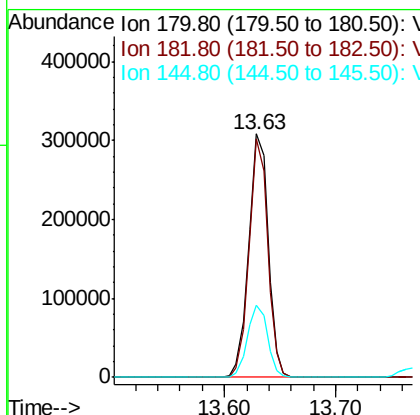
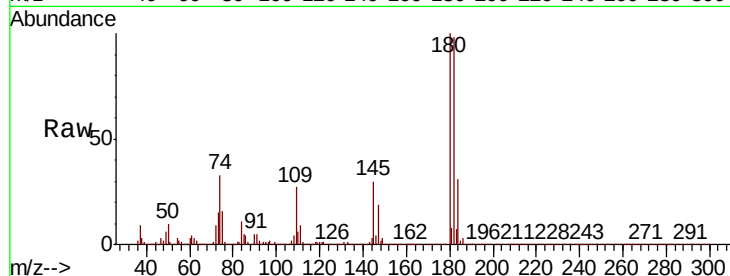
#93
 1,2,4-Trichlorobenzene
 Concen: 18.806 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	375872		
182	94.0	46.9	140.7	
145	30.2	14.9	44.5	

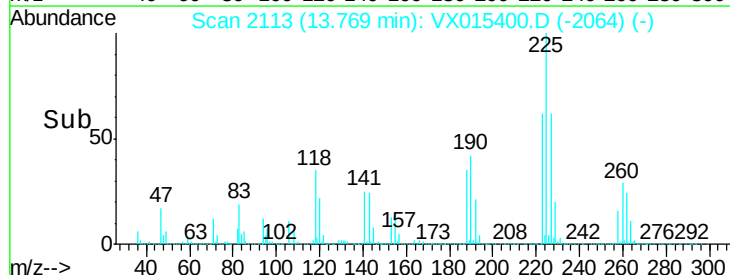
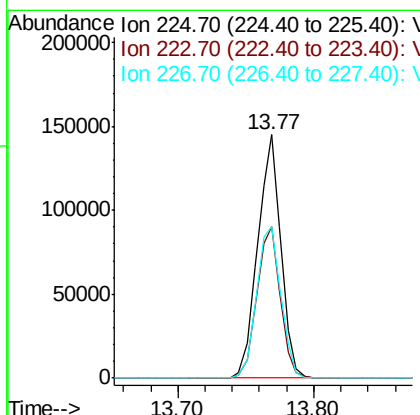
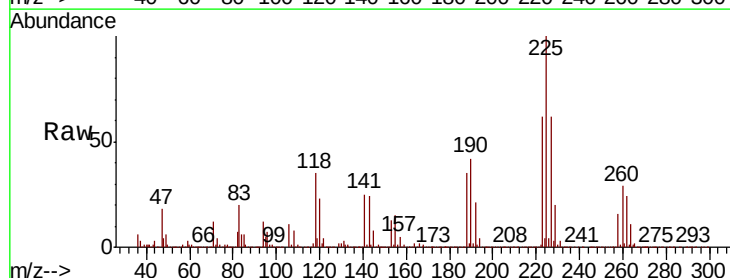
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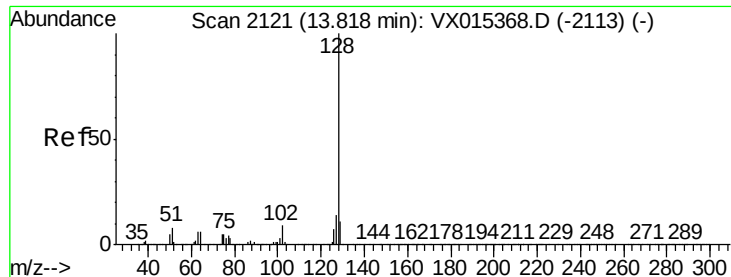
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#94
 Hexachlorobutadiene
 Concen: 18.299 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	174126		
223	62.6	31.9	95.7	
227	65.2	30.4	91.3	





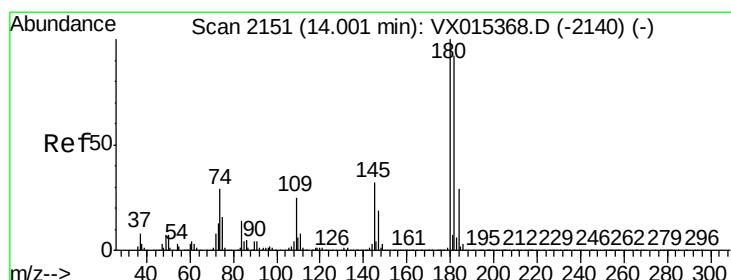
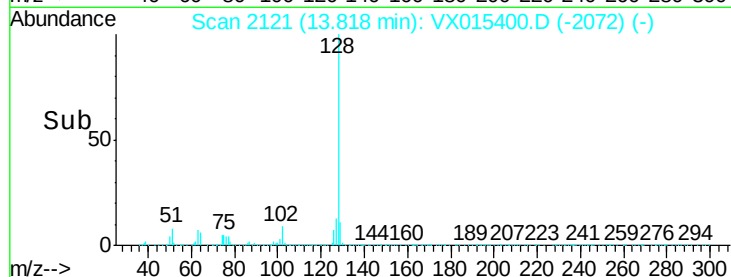
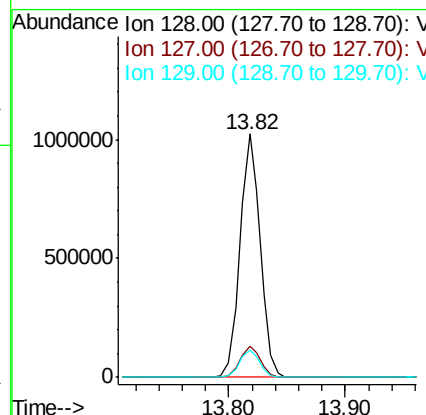
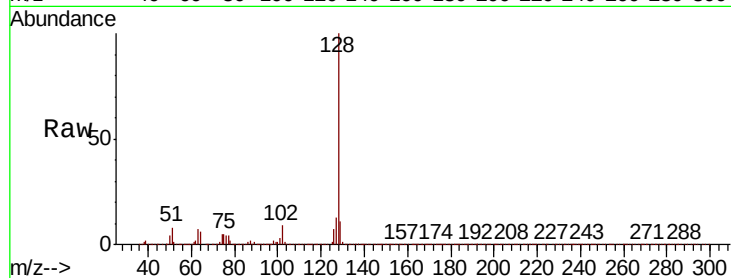
#95
Naphthalene
Concen: 20.267 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
3/30/2020 3:00:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.685 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.7	140.0
145	32.2	15.8	47.3

